

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Application of Spire Missouri)
Inc. to Change its Infrastructure System) Case No. GO-2019-0116
Replacement Surcharge in its Spire Missouri West)
Service Territory)

**VERIFIED APPLICATION AND PETITION OF SPIRE MISSOURI INC. TO
CHANGE ITS INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE
FOR IT'S SPIRE MISSOUI WEST SERVICE TERRITORY**

COMES NOW Spire Missouri Inc., pursuant to Sections 393.1009, 393.1012 and 393.1015 of the Revised Statutes of Missouri and 4 CSR 240-2.060, 2.080 and 3.265 of the Rules of Practice and Procedure of the Missouri Public Service Commission ("Commission") and, for its Verified Application and Petition to Change its Infrastructure System Replacement Surcharge for its Spire Missouri West ("Spire West" or "the Company") Service Territory respectfully states as follows:

BACKGROUND

1. On August 28, 2003, Sections 393.1009, 393.1012 and 393.1015 of the Revised Statutes of Missouri became effective. These statutory provisions authorize eligible gas corporations to recover certain infrastructure replacement costs through the implementation of an infrastructure system replacement surcharge ("ISRS"). Prior to implementing an ISRS or changing an ISRS, the gas corporation must file a petition with the Commission for review and approval before its rates and charges can be adjusted to provide for the recovery of the

ISRS costs. To that end, the Company submits this Verified Application and Petition.

THE APPLICANT

2. Spire Missouri Inc. is a public utility and gas corporation incorporated under the laws of the State of Missouri, with its principal office located at 700 Market Street, St. Louis, Missouri 63101. A Certificate of Good Standing evidencing Spire West's standing to do business in Missouri was submitted in Case No. GM-2013-0254 and is incorporated by reference herein for all purposes. The information in such Certificate is current and correct.

3. Spire Missouri Inc. is engaged in the business of distributing and transporting natural gas to customers in Missouri as a gas corporation subject to the jurisdiction of the Commission. It's operating unit, Spire West provides gas service in western Missouri to customers in the counties of Barry, Barton, Bates, Buchanan, Carroll, Cass, Cedar, Christian, Clay, Clinton, Cooper, Dade, Dekalb, Greene, Henry, Howard, Jackson, Jasper, Johnson, Lafayette, Lawrence, McDonald, Moniteau, Newton, Pettis, Platte, Ray, Saline, Stone, and Vernon.

4. Communications in regard to this Application should be addressed to:

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5. Other than cases that have been docketed at the Commission, Spire West has no pending actions or final unsatisfied judgments or decisions against it from any state or federal agency or court which involve customer service or rates.

6. Spire West is current on its annual report and assessment fee obligations to the Commission, and no such report or assessment fee is overdue.

THE ISRS REQUEST

7. With this application, Spire West requests an adjustment to its rates and charges through the implementation of an ISRS rate schedule that provides for the recovery of costs incurred in connection with ISRS-eligible infrastructure system replacements made during the period beginning July 1, 2018 through November 30, 2018. Spire West also seeks recovery of costs incurred in connection with ISRS-eligible infrastructure system replacements made during the period October 1, 2017 to June 30, 2018, to the extent such costs were not recovered in the Company's immediately preceding ISRS proceedings, Case No. GO-2018-0310, because of what the Commission deemed to be insufficient evidence demonstrating their eligibility. As discussed in the

attached affidavit of Wesley E. Selinger, the Company has now corrected this deficiency using the roadmap for demonstrating eligibility provided by the Commission in the Report and Order in Case No. GO-2018-0310.

8. Consistent with filings approved in Spire West ISRS cases dating back to 2009, this application also includes pro forma ISRS costs updated through January 31, 2019. In accordance with the provisions of Sections 393.1009-1015 and 4 CSR 240-3.265, the proposed ISRS rate schedule should reflect the appropriate pre-tax ISRS revenues necessary to produce net operating income equal to Spire West's weighted cost of capital multiplied by the net original cost of the requested infrastructure replacements during this period that are eligible for the ISRS, including recognition of accumulated deferred income taxes and accumulated depreciation associated with the aforesaid infrastructure system replacements. Spire West also seeks to recover all federal, state and local income or excise taxes applicable to such ISRS income and to recover all other ISRS costs such as depreciation expense and property taxes due within 12 months of this filing.

Eligibility of Costs

9. The infrastructure system replacements for which Spire West seeks ISRS recognition are set forth on Appendix A and Appendix B, which are attached hereto and made a part hereof for all purposes. Appendix A includes those eligible infrastructure investments placed into service or to be placed into service on or after July 1, 2018 and Appendix B includes those eligible infrastructure investments placed into service between October 1, 2017 and June 30, 2018 to the extent not previously recovered in Case No. GO-2018-0310. The infrastructure system replacements listed on Appendix A

and Appendix B are eligible gas utility plant projects in that they are all either: a) mains, valves, service lines, regulator stations, vaults, and other pipeline system components installed to comply with state or federal safety requirements as replacements for existing facilities that have worn out or are in deteriorated condition; or b) main relining projects, service line insertion projects, joint encapsulation projects, and other similar projects extending the useful life, or enhancing the integrity of pipeline system components undertaken to comply with state or federal safety requirements; or c) unreimbursed infrastructure facility relocations due to the construction or improvement of a highway, road, street, public way or other public work required by or on behalf of the United States, the State of Missouri, a political subdivision of the State of Missouri, or another entity having the power of eminent domain.

10. In addition to meeting the foregoing criteria, the infrastructure system replacements listed on Appendix A and Appendix B are also eligible for ISRS treatment because they: a) did not increase revenues by directly connecting to new customers; b) are currently in service and used and useful; c) were not included in Spire West's rate base in its most recently completed general rate case, Case No. GR-2017-0216 (the "Rate Case"), and d) replaced and/or extended the useful life of existing infrastructure.

11. Finally, the infrastructure system replacements listed on Appendix A and Appendix B are eligible for ISRS treatment because Spire West's last Rate Case was decided by Commission Order issued on March 7, 2018 and effective on April 19, 2018 and included rate base investments made through September 30, 2017.

B. Rate Schedules, Calculations and Supporting Documentation

12. Attached hereto as Appendix A, Schedule 19 is the rate schedule, with supporting documents, proposed by Spire West in order to change its ISRS and to provide for the adjustment of its rates and charges to reflect recovery of eligible infrastructure costs. This proposed rate schedule, on an annualized basis, will produce ISRS revenues of at least one million dollars, but not in excess of ten percent of Spire West's base revenue level as approved by the Commission in its most recently completed general rate proceeding.

13. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes current local, state, and federal income tax rates through a combined income tax rate conversion factor of 1.34135.

14. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes the capital structure that was approved in the Rate Case and reflects an overall rate of return of 7.20%.

15. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a weighted average cost of debt of 1.890% consistent with the cost of debt approved in the Rate Case.

16. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a cost of common equity of 9.80% consistent with the cost of equity approved in the Rate Case.

17. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a current composite property tax rate of 2.67%.

18. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes depreciation rates currently applicable to the eligible infrastructure system replacements, as approved by the Commission for Spire West in the Rate Case.

19. In determining the appropriate monthly ISRS charge, the proposed rate schedule is based on a reasonable estimate of billing units in the period in which the charge will be in effect, which is derived by dividing the appropriate pre-tax revenues, as calculated above, by the customer class billing determinants approved in the Rate Case, and then further dividing this quotient by twelve. (*See Appendix A*). Consistent with the methodology used in previous ISRS filings, the monthly ISRS charge is apportioned between customer classes in proportion to the customer charges applicable to those classes.

ADDITIONAL INFORMATION

20. In connection with 4 CSR 240-3.265(22), attached hereto and incorporated herein as Appendix C is a description of the Company's call center instructions pertaining to the ISRS, along with a description of ISRS information posted on the Company's website.

21. Pursuant to 4 CSR 240-3.265(8) and (9), Spire West intends to continue using the annual notices and customer bill language approved by the Commission in Case No. GO-2018-0310, at the time its current ISRS was first established.

WHEREFORE, pursuant to 393.1015.2(3) and Commission Rule 4 CSR 240-3.265(12), Spire Missouri West respectfully requests that the Commission issue an Order, approving the ISRS rate schedules in order to provide for the recovery of the eligible

infrastructure system replacement investments made by Spire West from July 1, 2018, through January 31, 2019, and from October 1, 2017 through June 30, 2018 to the extent not previously recovered in Case No. GO-2018-0310, and granting such other relief as may be necessary and appropriate to accomplish the purposes of Sections 393.1009 through 393.1015.

Respectfully submitted,

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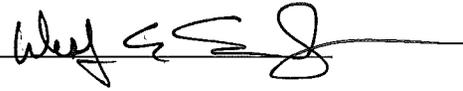
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ATTORNEYS FOR Spire Missouri Inc.

CERTIFICATE OF SERVICE

The undersigned certifies that a true and correct copy of the foregoing Application and Petition was served on the General Counsel of the Staff of the Missouri Public Service Commission and the Office of the Public Counsel on this 14th day of January, 2019 by hand-delivery, fax, electronic or regular mail.

/s/ 

VERIFICATION

State of Missouri)
)
City of St. Louis) ss

I, Scott Carter, being of lawful age state: that I am for Spire Missouri, that I have read the foregoing Application and Petition and the documents attached thereto; that the statements and information set forth in such Application and Petition and attached documents are true and correct to the best of my information, knowledge and belief; and, that I am authorized to make this statement on behalf of Spire Missouri



Subscribed and sworn to before me this 14th day of January, 2019.


Notary Public

My Commission Expires: OCTOBER, 29, 2022



Spire Missouri West
 IRSR - Case # GO-2019-0116

ISRS Work Order Additions Oct17 - Jun18
 Appendix A - Schedule 1

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Depr	Depr Expense
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills/Parkdale	201807	(168.36)	na	100%	(168.36)	8.5	0.00148333	(2.12)	(3.00)
376100-Mains - Steel	800553	F0547	Rel w/ 812F 2P Marlborough WestPh3	201807	0.01	na	100%	0.01	8.5	0.00148333	-	-
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	(13.20)	na	100%	(13.20)	8.5	0.00148333	(0.17)	(0.23)
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	0.02	na	100%	0.02	8.5	0.00148333	-	-
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	(3.32)	na	100%	(3.32)	8.5	0.00148333	(0.04)	(0.06)
376100-Mains - Steel	801447	F0647	Reloc 28F 2S 7013 N Baltimore	201807	3.79	na	100%	3.79	8.5	0.00148333	0.05	0.07
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201807	(0.53)	na	100%	(0.53)	8.5	0.00148333	(0.01)	(0.01)
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201807	(258.61)	na	100%	(258.61)	8.5	0.00148333	(3.26)	(4.60)
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201807	89.23	na	100%	89.23	8.5	0.00148333	1.13	1.59
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201807	(0.31)	na	100%	(0.31)	8.5	0.00148333	(0.00)	(0.00)
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P4S N Main-8th/10th	201807	(51.32)	na	100%	(51.32)	8.5	0.00148333	(0.39)	(0.50)
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201807	47.76745	na	100%	47.76745	8.5	0.00148333	602.27	850.26
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills/Parkdale	201808	(1,423.53)	na	100%	(1,423.53)	7.5	0.00148333	(15.84)	(25.34)
376100-Mains - Steel	800553	F0547	Rel w/ 812F 2P Marlborough WestPh3	201808	(420.16)	na	100%	(420.16)	7.5	0.00148333	(4.67)	(7.48)
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201808	(14.99)	na	100%	(14.99)	7.5	0.00148333	(0.17)	(0.27)
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201808	90.56	na	100%	90.56	7.5	0.00148333	1.01	1.61
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201808	(5.35)	na	100%	(5.35)	7.5	0.00148333	(0.06)	(0.10)
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201808	(63.23)	na	100%	(63.23)	7.5	0.00148333	(0.26)	(0.41)
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201808	(0.63)	na	100%	(0.63)	7.5	0.00148333	(0.01)	(0.01)
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201808	(6.95)	na	100%	(6.95)	7.5	0.00148333	(0.08)	(0.12)
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201808	(433.10)	na	100%	(433.10)	7.5	0.00148333	(4.82)	(7.71)
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201808	525.66	na	100%	525.66	7.5	0.00148333	5.85	9.36
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P4S N Main-8th/10th	201808	208.14	na	100%	208.14	7.5	0.00148333	2.32	3.70
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201808	8,185.14	na	100%	8,185.14	7.5	0.00148333	91.26	143.06
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills/Parkdale	201809	(300.18)	na	100%	(300.18)	6.5	0.00148333	(2.89)	(5.34)
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	(21.98)	na	100%	(21.98)	6.5	0.00148333	(0.21)	(0.39)
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	0.01	na	100%	0.01	6.5	0.00148333	-	-
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	291.67	na	100%	291.67	6.5	0.00148333	2.29	4.78
376100-Mains - Steel	801447	F0664	Reloc 16F 2S 7013 N Baltimore	201809	(4.78)	na	100%	(4.78)	6.5	0.00148333	(0.05)	(0.08)
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201809	3.09	na	100%	3.09	6.5	0.00148333	0.03	0.06
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201809	(0.95)	na	100%	(0.95)	6.5	0.00148333	(0.01)	(0.02)
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201809	(8.35)	na	100%	(8.35)	6.5	0.00148333	(0.08)	(0.15)
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201809	(32.11)	na	100%	(32.11)	6.5	0.00148333	(0.31)	(0.48)
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P4S N Main-8th/10th	201809	(23.66)	na	100%	(23.66)	6.5	0.00148333	(0.23)	(0.42)
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201809	5,754.46	na	100%	5,754.46	6.5	0.00148333	55.48	102.43
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201810	(8,605.72)	na	100%	(8,605.72)	5.5	0.00148333	(76.37)	(170.89)
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201810	34.96	na	100%	34.96	5.5	0.00148333	0.77	1.68
376100-Mains - Steel	800988	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201810	180.96	na	100%	180.96	5.5	0.00148333	1.48	3.22
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P4S N Main-8th/10th	201810	311.54	na	100%	311.54	5.5	0.00148333	2.54	5.55
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201811	(15.83)	na	100%	(15.83)	4.5	0.00148333	(0.11)	(0.28)
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201811	(0.46)	na	100%	(0.46)	4.5	0.00148333	(0.01)	(0.02)
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201811	0.10	na	100%	0.10	4.5	0.00148333	-	-
376100-Mains - Steel	801504	F0647	Reloc 2730F 4S 15th Kensington Ph1	201811	251,637.84	na	100%	251,637.84	4.5	0.00148333	1,679.68	4,479.14
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201807	(12.02)	na	100%	(12.02)	8.5	0.00148333	-	(0.21)
376300-Mains - Plastic	800385	F0547	Rel w/ 2202F 2P 22nd&23rd St-Walwath	201807	44,202.36	na	100%	44,202.36	8.5	0.00148333	567.34	786.80
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201807	(331.97)	na	100%	(331.97)	8.5	0.00148333	(4.19)	(5.81)
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201807	0.16	na	100%	0.16	8.5	0.00148333	-	-
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201807	1.19	na	100%	1.19	8.5	0.00148333	0.02	0.02
376300-Mains - Plastic	800553	F0547	Rel w/ 812F 2P Marlborough WestPh3	201807	0.73	na	100%	0.73	8.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800556	F0647	Rel w/ 8935F 2P Marlborough Ph5	201807	12,303.52	na	100%	12,303.52	8.5	0.00148333	159.56	219.62
376300-Mains - Plastic	800596	F0647	Reloc w/ 9290F 2-4-6P 4th Street	201807	(1.89)	na	100%	(1.89)	8.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201807	(0.79)	na	100%	(0.79)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800981	F0547	Reloc 6883F 2-4P Wornall & 85th Ph3	201807	(1,573.74)	na	100%	(1,573.74)	8.5	0.00148333	(19.84)	(28.01)
376300-Mains - Plastic	800985	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201807	(362.96)	na	100%	(362.96)	8.5	0.00148333	(4.57)	(6.85)
376300-Mains - Plastic	800987	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201807	96,430.93	na	100%	96,430.93	8.5	0.00148333	1,203.22	1,688.87
376300-Mains - Plastic	800988	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201807	(943.62)	na	100%	(943.62)	8.5	0.00148333	(11.90)	(16.80)
376300-Mains - Plastic	800989	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201807	21,444.22	na	100%	21,444.22	8.5	0.00148333	270.38	381.71
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2P Wornall & 85th Ph8	201807	(529.33)	na	100%	(529.33)	8.5	0.00148333	(6.67)	(9.42)
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	(2.83)	na	100%	(2.83)	8.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201807	22.40	na	100%	22.40	8.5	0.00148333	0.28	0.40
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201807	(229.22)	na	100%	(229.22)	8.5	0.00148333	(2.89)	(4.08)
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	0.95	na	100%	0.95	8.5	0.00148333	0.01	0.02
376300-Mains - Plastic	801150	F0664	Reloc 5310F 2-4-6P Crysler&70 MODOT	201807	(1,194.74)	na	100%	(1,194.74)	8.5	0.00148333	(14.31)	(20.20)
376300-Mains - Plastic	801293	F0664	Reloc 1134F 4P TX/AZ 20th to 22nd	201807	(19.28)	na	100%	(19.28)	8.5	0.00148333	(0.24)	(0.38)
376300-Mains - Plastic	801349	F0664	Reloc 1234F 6P 32nd St Central City	201807	(1,684.03)	na	100%	(1,684.03)	8.5	0.00148333	(21.23)	(29.80)
376300-Mains - Plastic	801363	F0578	Reloc 297F 4P F2005 Project Joplin	201807	41.61	na	100%	41.61	8.5	0.00148333	0.52	0.74
376300-Mains - Plastic	801365	F0578	Reloc 3542F 2-4-6P S School Rd	201807	(62.72)	na	100%	(62.72)	8.5	0.00148333	(0.66)	(0.94)
376300-Mains - Plastic	801381	F0547	Reloc 370F 2P Bennington Widening	201807	20.57	na	100%	20.57	8.5	0.00148333	0.26	0.41
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-4P 15th & Delaware	201807	(2,402.07)	na	100%	(2,402.07)	8.5	0.00148333	(30.29)	(42.78)
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201807	(149.87)	na	100%	(149.87)	8.5	0.00148333	(1.89)	(2.67)
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	(62.03)	na	100%	(62.03)	8.5	0.00148333	(0.78)	(1.10)
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood AntDistrict	201807	(12.87)	na	100%	(12.87)	8.5	0.00148333	(0.16)	(0.23)
376300-Mains - Plastic	8											

Spire Missouri West
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ISRS Work Order Additions Oct17 - Jun18
Appendix A - Schedule 1

SPIRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Dep	Depr Expense
376300-Mains - Plastic	801886	F0647	Reloc 550F 6P 22nd-23rd Connector	201808	(1,395.80)	na	100%	(1,395.80)	7.5	0.00148333	(15.53)	(24.85)
376300-Mains - Plastic	801887	F0647	Reloc 240F 2-4P Highway & Florid	201808	(692.80)	na	100%	(692.80)	7.5	0.00148333	(9.09)	(8.90)
376300-Mains - Plastic	801894	F0647	Reloc 3220F 2-4-6P Wornall 85th-89th	201808	347,994.15	na	100%	347,994.15	7.5	0.00148333	3,871.43	6,194.28
376300-Mains - Plastic	801907	F0647	Reloc 110F 4P 42nd St Trinity Woods	201808	3,353.17	na	100%	3,353.17	7.5	0.00148333	37.30	59.69
376300-Mains - Plastic	801927	F0647	Reloc 58F 2P 86th & Eastern	201808	4,718.46	na	100%	4,718.46	7.5	0.00148333	52.49	83.99
376300-Mains - Plastic	801928	F0647	Reloc 1735F 2-4P&S Main-8th/10th	201808	6,216.86	na	100%	6,216.86	7.5	0.00148333	69.17	110.88
376300-Mains - Plastic	801939	F0647	Reloc 456F 2-4P SpringValley & 96th	201808	108,506.16	na	100%	108,506.16	7.5	0.00148333	1,207.13	1,931.41
376300-Mains - Plastic	801983	F0647	Reloc 1822F 4P Mansfield-SW Pkwy14	201808	19,723.61	na	100%	19,723.61	7.5	0.00148333	219.42	351.08
376300-Mains - Plastic	802000	F0647	Reloc 395F 2-4P Lawson Main	201808	(693.33)	na	100%	(583.33)	7.5	0.00148333	(6.49)	(10.38)
376300-Mains - Plastic	802000	F0647	Reloc 598F 2P 10418 Truman Rd	201808	508.26	na	100%	508.26	7.5	0.00148333	5.86	9.05
376300-Mains - Plastic	802004	F0647	Reloc 2517F 2-4P Prospect WalnutElm	201808	101,033.07	na	100%	101,033.07	7.5	0.00148333	1,123.29	1,798.38
376300-Mains - Plastic	802057	F0647	Reloc 531F 2-4P 5th & GrantCarthage	201808	61,989.03	na	100%	61,989.03	7.5	0.00148333	689.63	1,103.40
376300-Mains - Plastic	803083	F0647	Reloc 2817F 2-4P Prospect WalnutElm	201809	(22.14)	na	100%	(22.14)	6.5	0.00148333	(0.21)	(0.39)
376300-Mains - Plastic	803085	F0647	Reloc 2320F 2P 22nd&23rd St-Wabash	201809	(2.32)	na	100%	(2.32)	6.5	0.00148333	(0.02)	(0.04)
376300-Mains - Plastic	803470	F0647	Reloc 1124F 4P Englewood Phase 1A	201809	(618.94)	na	100%	(618.94)	6.5	0.00148333	(6.96)	(11.03)
376300-Mains - Plastic	803526	F0647	Reloc 1500F 2-4P Pacific & Sunrise	201809	0.28	na	100%	0.28	6.5	0.00148333	-	-
376300-Mains - Plastic	803552	F0647	Reloc 185F 2P 72nd St KC MO Sewer	201809	2.07	na	100%	2.07	6.5	0.00148333	0.02	0.04
376300-Mains - Plastic	803553	F0647	Reloc 812F 2P Marlborough WestPh3	201809	1.32	na	100%	1.32	6.5	0.00148333	0.01	0.02
376300-Mains - Plastic	803556	F0647	Reloc 8935F 2P Marlborough Ph5	201809	(134.01)	na	100%	(134.01)	6.5	0.00148333	(1.29)	(2.39)
376300-Mains - Plastic	803596	F0647	Reloc 9220F 2-4-6P 4th Street	201809	(40,338.37)	na	100%	(40,338.37)	6.5	0.00148333	(388.93)	(718.02)
376300-Mains - Plastic	803728	F0647	Reloc 2621F 2P Broadway & Zora	201809	(1.29)	na	100%	(1.29)	6.5	0.00148333	(0.01)	(0.02)
376300-Mains - Plastic	803950	F0647	Reloc 1170F 2-4P 4th & School Ph 1	201809	25,771.38	na	100%	25,771.38	6.5	0.00148333	248.48	458.73
376300-Mains - Plastic	803961	F0647	Reloc 6883F 2-6P Wornall & 85th Ph3	201809	(188,788.41)	na	100%	(188,788.41)	6.5	0.00148333	(1,820.23)	(3,360.43)
376300-Mains - Plastic	803965	F0647	Reloc 1605F 4-6P Wornall & 85th Ph4	201809	(14,252.67)	na	100%	(14,252.67)	6.5	0.00148333	(137.42)	(263.70)
376300-Mains - Plastic	803967	F0647	Reloc 7913F 2-6P Wornall & 85th Ph5	201809	(2,234.16)	na	100%	(2,234.16)	6.5	0.00148333	(22.12)	(40.84)
376300-Mains - Plastic	803988	F0647	Reloc 2942F 2-4-6P Wornall 85th Ph6	201809	4,987.84	na	100%	4,987.84	6.5	0.00148333	48.09	88.78
376300-Mains - Plastic	803989	F0647	Reloc 9123F 2P Wornall & 85th Ph7	201809	(3,896.23)	na	100%	(3,896.23)	6.5	0.00148333	(37.57)	(69.35)
376300-Mains - Plastic	803970	F0647	Reloc 1975F 2-6P Wornall & 85th Ph8	201809	18,992.10	na	100%	18,992.10	6.5	0.00148333	183.12	338.08
376300-Mains - Plastic	803978	F0647	Reloc 1948F 2-4P Truman Rd & Hwy78	201809	(1.46)	na	100%	(1.46)	6.5	0.00148333	(0.01)	(0.03)
376300-Mains - Plastic	803970	F0647	Reloc 250F 2P PBS CLAYCOMO LUL	201809	30,084.15	na	100%	30,084.15	6.5	0.00148333	290.06	535.50
376300-Mains - Plastic	803980	F0647	Reloc 1212F 2-4-6P PleasantVal Phase3	201809	16.71	na	100%	16.71	6.5	0.00148333	0.16	0.30
376300-Mains - Plastic	803982	F0647	Reloc 1862F 2-4-6P PleasantVal Phase3	201809	9,845.62	na	100%	9,845.62	6.5	0.00148333	94.93	175.25
376300-Mains - Plastic	803984	F0647	Reloc 2794F 4P Pleasant Valley Ph 5	201809	(461.88)	na	100%	(461.88)	6.5	0.00148333	(4.45)	(8.43)
376300-Mains - Plastic	803988	F0647	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	1.72	na	100%	1.72	6.5	0.00148333	0.02	0.03
376300-Mains - Plastic	803988	F0647	Reloc 4341F 2-4P Oakwood & Hines	201809	(2,029.98)	na	100%	(2,029.98)	6.5	0.00148333	(19.57)	(36.13)
376300-Mains - Plastic	803988	F0647	Reloc 1130F 4P TX/AZ 20th to 22nd	201809	15,973.96	na	100%	15,973.96	6.5	0.00148333	154.02	284.34
376300-Mains - Plastic	803988	F0647	Reloc 810F 4P 20th St. Connecticut	201809	9,994.12	na	100%	9,994.12	6.5	0.00148333	96.36	177.89
376300-Mains - Plastic	803988	F0647	Reloc 210F 4P 22nd Street Joplin	201809	(77.54)	na	100%	(77.54)	6.5	0.00148333	(0.75)	(1.38)
376300-Mains - Plastic	803988	F0647	Reloc 3542F 2-4-6P S School Rd	201809	(96.74)	na	100%	(96.74)	6.5	0.00148333	(0.93)	(1.72)
376300-Mains - Plastic	803988	F0647	Reloc 370F 2P Bennington Widening	201809	(145.91)	na	100%	(145.91)	6.5	0.00148333	(1.41)	(2.60)
376300-Mains - Plastic	803988	F0647	Reloc 1862F 2-4P 15th & Delaware	201809	6,193.15	na	100%	6,193.15	6.5	0.00148333	59.71	110.24
376300-Mains - Plastic	803988	F0647	Reloc 2655F 2-4P NW 72nd St - 129	201809	(2,154.29)	na	100%	(2,154.29)	6.5	0.00148333	(24.47)	(46.83)
376300-Mains - Plastic	803988	F0647	Reloc 1270F 4P Tuscar Valley Ph 4	201809	(1,598.83)	na	100%	(1,598.83)	6.5	0.00148333	(14.53)	(26.82)
376300-Mains - Plastic	803988	F0647	Reloc 863F 4S 4-6P 20th & Murphy	201809	(89.81)	na	100%	(89.81)	6.5	0.00148333	(0.87)	(1.60)
376300-Mains - Plastic	803988	F0647	Reloc 260F 4P Englewood ArDistrict	201809	(41.57)	na	100%	(41.57)	6.5	0.00148333	(0.40)	(0.74)
376300-Mains - Plastic	803988	F0647	Reloc 2730F 2-4P Ward-Town Donovan	201809	(71.94)	na	100%	(71.94)	6.5	0.00148333	(0.69)	(1.28)
376300-Mains - Plastic	803988	F0647	Reloc 394F 4P N Chatham N of 64th	201809	(91.89)	na	100%	(91.89)	6.5	0.00148333	(0.87)	(1.60)
376300-Mains - Plastic	803988	F0647	Reloc 320F 4P N Chatham S of 64th	201809	(131.45)	na	100%	(131.45)	6.5	0.00148333	(1.27)	(2.34)
376300-Mains - Plastic	803988	F0647	Reloc 1075F 4P 19th & Norwood	201809	(502.44)	na	100%	(502.44)	6.5	0.00148333	(4.84)	(8.94)
376300-Mains - Plastic	803988	F0647	Reloc 49F 2S Smatville @ Hawthorne	201809	(54.90)	na	100%	(54.90)	6.5	0.00148333	(0.53)	(0.98)
376300-Mains - Plastic	803988	F0647	Reloc 1822F 4-6P Griffin Phase3	201809	(535.04)	na	100%	(535.04)	6.5	0.00148333	(5.16)	(9.52)
376300-Mains - Plastic	803988	F0647	Reloc 152F 2P Bennington & 38th	201809	(7.43)	na	100%	(7.43)	6.5	0.00148333	0.07	0.09
376300-Mains - Plastic	803988	F0647	Reloc 15F 4P NE 45th & N Holmes	201809	13.17	na	100%	13.17	6.5	0.00148333	0.13	0.23
376300-Mains - Plastic	803988	F0647	Reloc 1382F 4P Turkey Creek Bridge	201809	(6,348.35)	na	100%	(6,348.35)	6.5	0.00148333	(61.21)	(113.00)
376300-Mains - Plastic	803988	F0647	Reloc 5310F 2-4-6P Crysler&70 MODOT	201809	(1,914.66)	na	100%	(1,914.66)	6.5	0.00148333	(18.46)	(34.08)
376300-Mains - Plastic	803988	F0647	Reloc 270F 4P 21st St & McCoy Ave	201809	(135.48)	na	100%	(135.48)	6.5	0.00148333	(1.30)	(2.41)
376300-Mains - Plastic	803988	F0647	Reloc 300F 2P Moore Drive & Amity	201809	(69.48)	na	100%	(69.48)	6.5	0.00148333	(0.67)	(1.08)
376300-Mains - Plastic	803988	F0647	Reloc 285F 2P Zora -Miller to Ozark	201809	(24.63)	na	100%	(24.63)	6.5	0.00148333	(0.24)	(0.44)
376300-Mains - Plastic	803988	F0647	Reloc 60F 2P RD Mize	201809	(12.87)	na	100%	(12.87)	6.5	0.00148333	0.12	0.23
376300-Mains - Plastic	803988	F0647	Reloc 1019F 2-4P F4010 Reloc Joplin	201809	(1,186.56)	na	100%	(1,186.56)	6.5	0.00148333	(11.44)	(21.12)
376300-Mains - Plastic	803988	F0647	Reloc 590F 6P 22nd-23rd Connector	201809	(1,757.67)	na	100%	(1,757.67)	6.5	0.00148333	(17.59)	(33.86)
376300-Mains - Plastic	803988	F0647	Reloc 1240F 2-4P Highway & Florida	201809	6,537.83	na	100%	6,537.83	6.5	0.00148333	63.04	116.37
376300-Mains - Plastic	803988	F0647	Reloc 3220F 2-4-6P Wornall 85th-89th	201809	132,735.67	na	100%	132,735.67	6.5	0.00148333	1,279.79	2,362.69
376300-Mains - Plastic	803988	F0647	Reloc 110F 4P 42nd St Trinity Woods	201809	(1,082.03)	na	100%	(1,082.03)	6.5	0.00148333	(10.43)	(19.26)
376300-Mains - Plastic	803988	F0647	Reloc 58F 2P 86th & Eastern	201809	(4,718.46)	na	100%	(4,718.46)	6.5	0.00148333	52.49	83.99
376300-Mains - Plastic	803988	F0647	Reloc 1735F 2-4P&S Main-8th/10th	201809	6,216.86	na	100%	6,216.86	6.5	0.00148333	69.17	110.88
376300-Mains - Plastic	803988	F0647	Reloc 456F 2-4P SpringValley & 96th	201809	(857.86)	na	100%	(857.86)	6.5	0.00148333	(8.27)	(15.27)
376300-Mains - Plastic	803988	F0647	Reloc 1822F 4P Mansfield-SW Pkwy14	201809	(3,376.12)	na	100%	(3,376.12)	6.5	0.00148333	(32.55)	(60.29)
376300-Mains - Plastic	803988	F0647	Reloc 395F 2-4P Lawson Main	201809	(693.33)	na	100%	(583.33)	6.5	0.00148333	(6.49)	(10.38)
376300-Mains - Plastic	803988	F0647	Reloc 598F 2P 10418 Truman Rd	201809	508.26	na	100%	508.26	6.5	0.00148333	5.86	9.05
376300-Mains - Plastic	803988	F0647	Reloc 2517F 2-4P Prospect WalnutElm	201809	(2.32)							

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SPiRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Depr	Depr Expense
376100-Mains - Steel	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2	201808	175.93	0.61%	99.39%	174.85	7.5	0.00148333	1.96	3.11
376100-Mains - Steel	800432	F0599	Repl w 1132F 2-4-6P Marlborough Ph 2	201803	10.33	0.33%	99.39%	10.23	7.5	0.00148333	0.21	0.33
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201808	13,375.57	0.00%	100%	13,375.57	7.5	0.00148333	148.80	238.08
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201808	1.77	0.21%	99.79%	1.77	7.5	0.00148333	0.02	0.03
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4-6P Hwy 71 Gregory-M	201808	(17,677.77)	-10.10%	100%	(17,677.77)	7.5	0.00148333	(79.74)	(127.69)
376100-Mains - Steel	800740	F0604	Repl 1151F 4-8S Higginsville DRS	201808	(1,379.69)	-0.99%	99.99%	(1,380.39)	7.5	0.00148333	(15.23)	(24.32)
376100-Mains - Steel	800740	F0599	Inst 6782F 12P Budd Park Header Ph1	201808	(258.50)	0.00%	100%	(258.50)	7.5	0.00148333	(2.88)	(4.60)
376100-Mains - Steel	801096	F072	Repl 10540F 6P Sarcovie Phase 2	201808	(173.40)	0.00%	100%	(173.40)	7.5	0.00148333	(1.93)	(3.09)
376100-Mains - Steel	801142	F072	Repl 4205F 6S Sarcovie Phase 3	201808	(231.08)	0.00%	100%	(231.08)	7.5	0.00148333	(2.57)	(4.12)
376100-Mains - Steel	801148	F072	Repl 5305F 6S Sarcovie Ph 1	201808	15.32	0.00%	100%	15.32	7.5	0.00148333	0.17	0.27
376100-Mains - Steel	801193	F072	Repl 6709F 2-4P Norborne MO Phase 1	201808	(3,144.46)	0.78%	99.22%	(3,080)	7.5	0.00148333	(30.09)	(51.34)
376100-Mains - Steel	801360	F0599	Aband 891F 6S 1803 NE 60th Trk	201808	(5,448.22)	6.24%	93.76%	(5,108.42)	7.5	0.00148333	(56.83)	(90.93)
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201808	(599.11)	0.00%	100%	(599.11)	7.5	0.00148333	(6.87)	(10.66)
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	5.28	-1.59%	100%	5.29	7.5	0.00148333	0.06	0.09
376100-Mains - Steel	801586	F0604	Repl 1030F 12S Coburn Under Crank	201808	(1,552.68)	0.00%	100%	(1,552.68)	7.5	0.00148333	(17.27)	(27.64)
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRivert Nort	201809	1,085.83	0.07%	99.93%	1,085.06	6.5	0.00148333	10.46	19.31
376100-Mains - Steel	800282	F072	Repl w 3883F 2-4P Webb City Ph 2G	201809	61.98	0.80%	99.20%	61.48	6.5	0.00148333	0.59	1.09
376100-Mains - Steel	800285	F072	Repl 2470F 2P Carrollton Phase H	201809	(11.98)	0.80%	99.20%	(11.05)	6.5	0.00148333	(0.01)	(0.02)
376100-Mains - Steel	800287	F072	Repl w 1183F 2-4-6P Webb City Ph 2	201809	(0.82)	0.61%	99.39%	(0.81)	6.5	0.00148333	(0.01)	(0.01)
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201809	22,814.81	-0.18%	100%	22,814.81	6.5	0.00148333	219.97	406.10
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201809	0.19	0.00%	100%	0.19	6.5	0.00148333	-	-
376100-Mains - Steel	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201809	16,067.61	0.37%	98.63%	16,027.94	6.5	0.00148333	154.54	286.30
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6P Target Phase3	201809	2.57	0.21%	99.79%	2.56	6.5	0.00148333	0.02	0.03
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4-6P Hwy 71 Gregory-M	201809	(4.20)	-0.10%	100%	(4.20)	6.5	0.00148333	(0.04)	(0.07)
376100-Mains - Steel	800763	F0604	Repl 1151F 2-4 P&S - Concordia Ph F	201809	38,860.62	1.01%	98.99%	38,499.52	6.5	0.00148333	371.10	685.11
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201809	103.15	0.00%	100%	103.15	6.5	0.00148333	0.99	1.84
376100-Mains - Steel	801057	F072	Repl w 825F 2-4P Neosho C-001	201809	21,388.28	2.48%	97.52%	20,828.71	6.5	0.00148333	200.82	370.75
376100-Mains - Steel	801057	F072	Repl 10540F 6P Sarcovie Phase 2	201809	(27.32)	0.00%	100%	(27.32)	6.5	0.00148333	(0.29)	(0.49)
376100-Mains - Steel	801142	F072	Repl 4205F 6S Sarcovie Phase 3	201809	(93.96)	0.00%	100%	(93.96)	6.5	0.00148333	(0.91)	(1.62)
376100-Mains - Steel	801148	F072	Repl 5305F 6S Sarcovie Ph 1	201809	15.51	0.00%	100%	15.51	6.5	0.00148333	0.10	0.19
376100-Mains - Steel	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201809	5,643.64	-0.23%	100%	5,643.64	6.5	0.00148333	54.41	106.46
376100-Mains - Steel	801193	F072	Repl 6709F 2-4P Norborne MO Phase 1	201809	(3,142.44)	0.78%	99.22%	(3,078)	6.5	0.00148333	(31.12)	(52.22)
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201809	(684.04)	0.00%	100%	(684.04)	6.5	0.00148333	(8.60)	(12.18)
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201809	0.89	-1.59%	100%	0.89	6.5	0.00148333	0.01	0.02
376100-Mains - Steel	801647	F0604	Repl 5305F 2-4P Norborne MO Phase 1	201809	(7.16)	2.30%	97.70%	(7.00)	6.5	0.00148333	(0.07)	(0.12)
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Coburn Under Crank	201809	(1,278.43)	0.00%	100%	(1,278.43)	6.5	0.00148333	(12.33)	(22.78)
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201810	(65,401.39)	-1.81%	100%	(65,401.39)	6.5	0.00148333	(772.31)	(1,698.14)
376100-Mains - Steel	800282	F072	Repl w 3883F 2-4P Webb City Ph 2G	201810	(1,890.37)	0.80%	99.20%	(1,835.58)	5.5	0.00148333	(14.88)	(32.67)
376100-Mains - Steel	800763	F0604	Repl 1151F 2-4 P&S - Concordia Ph F	201810	(8,581.71)	1.01%	98.99%	(8,397.58)	5.5	0.00148333	(80.08)	(151.17)
376100-Mains - Steel	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201810	(0.48)	-0.23%	100%	(0.48)	5.5	0.00148333	-	(0.01)
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6P Target Phase3	201810	0.58	0.21%	99.79%	0.58	5.5	0.00148333	0.01	0.01
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201810	0.98	-1.51%	100%	0.98	5.5	0.00148333	0.01	0.01
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201810	419.16	0.00%	100%	419.16	5.5	0.00148333	3.42	7.46
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201810	319,175.22	0.00%	100%	319,175.22	5.5	0.00148333	2,603.93	5,681.31
376100-Mains - Steel	801647	F0604	Repl 5305F 2-4P Norborne MO Phase 1	201810	(3.18)	2.30%	97.70%	(3.11)	5.5	0.00148333	(0.03)	(0.06)
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201810	(2,199.28)	0.00%	100%	(2,199.28)	5.5	0.00148333	(14.47)	(3.91)
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201811	(0.05)	0.21%	99.79%	(0.05)	4.5	0.00148333	-	-
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201811	(0.03)	-1.51%	100%	(0.03)	4.5	0.00148333	-	-
376100-Mains - Steel	801647	F0604	Repl 5305F 2-4P Norborne MO Phase 1	201811	3.17	2.30%	97.70%	3.10	4.5	0.00148333	0.02	0.06
376100-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201811	28.80	1.30%	98.70%	28.23	4.5	0.00148333	0.19	0.50
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201811	422.01	0.00%	100%	422.01	4.5	0.00148333	3.52	7.64
376300-Mains - Plastic	800075	F0604	Upton Grid Phase E - Bare steel re	201807	22.98	2.20%	97.00%	22.47	8.5	0.00148333	0.28	0.40
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201807	0.78	0.84%	99.16%	0.77	8.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800091	F0604	Repl w 2118F 2-4P Belton Ph1A	201807	(26.69)	3.59%	98.41%	(25.73)	8.5	0.00148333	(0.32)	(0.46)
376300-Mains - Plastic	800092	F0604	Repl 4845F 2-4P Belton Ph1B	201807	(58.03)	-1.81%	100%	(58.03)	8.5	0.00148333	(0.69)	(0.98)
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201807	8,666.21	0.57%	99.43%	8,616.59	8.5	0.00148333	106.84	153.38
376300-Mains - Plastic	800097	F0604	Repl w 1385F 2P Belton Ph1F	201807	3,779.78	-0.65%	100%	3,779.78	8.5	0.00148333	47.66	67.28
376300-Mains - Plastic	800122	F0599	Repl w 4565F 2P Liberty PhE	201807	(2.88)	0.68%	99.32%	(2.88)	8.5	0.00148333	(0.04)	(0.05)
376300-Mains - Plastic	800123	F0599	Repl w 4555F 2P Liberty Phase F	201807	(2.97)	2.72%	97.28%	(2.89)	8.5	0.00148333	(0.04)	(0.05)
376300-Mains - Plastic	800124	F0599	Repl w 4337F 2P Liberty PhH	201807	(0.34)	-0.46%	100%	(0.34)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800125	F0599	Repl w 1365F 2P Liberty PhH	201807	2.12	0.11%	99.89%	2.12	8.5	0.00148333	0.03	0.04
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201807	(68.33)	-0.55%	100%	(68.33)	8.5	0.00148333	(0.74)	(1.04)
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201807	(141.28)	-0.61%	100%	(141.28)	8.5	0.00148333	(1.78)	(2.51)
376300-Mains - Plastic	800130	F0604	Repl w 7345F 2-4P Belton Ph 2B	201807	(2,026.11)	0.95%	98.95%	(2,000.85)	8.5	0.00148333	(20.19)	(32.67)
376300-Mains - Plastic	800131	F0604	Repl w 7345F 2-4P Belton Ph2C	201807	(11,848.34)	1.11%	98.89%	(11,747.77)	8.5	0.00148333	(101.19)	(200.88)
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201807	4.24	1.31%	98.69%	4.18	8.5	0.00148333	0.05	0.07
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201807	(715.69)	1.49%	98.51%	(705.00)	8.5	0.00148333	(8.89)	(12.55)
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201807	14.80	0.00%	100%	14.80	8.5	0.00148333	0.18	0.28
376300-Mains - Plastic	800147	F0599	Repl w 3272F 2-4P Hwy 71 & Gregory PHG	201807	(0.37)	-0.47%	100%	(0.37)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800148	F0599	Repl w 3255F 2P Hwy 71 & Gregory PHG	201807	0.78	0.62%	99.38%	0.78	8.5	0.00148333	0.01	0.12
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-6P Hwy 71 & Gregory-I	201807	11,987.76							

Spire Missouri West
 IRSR - Case # GO-2019-0116
 IRSR Work Order Additions Oct17 - Jun18
 Appendix A - Schedule 1

SPiRE - MISSOURI WEST
 IRSR Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Dep	Depr Expense
376300-Mains - Plastic	800702	F0599	Repl w 4442F 2-4-6P Wornall@85th	201807	(117.10)	0%	100.00%	(117.10)	8.5	0.00148333	(0.22)	(0.31)
376300-Mains - Plastic	800718	F0604	Repl w 202F 4P - Purcell Phase D	201807	(3,160.29)	0%	100%	(3,160.29)	8.5	0.00148333	(46)	(66.45)
376300-Mains - Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201807	474.37	-10.10%	100%	474.37	8.5	0.00148333	5.88	8.44
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 Gregory Ph N	201807	(13,762.79)	-12.10%	100%	(13,762.79)	8.5	0.00148333	(173.53)	(244.88)
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 Gregory Ph O	201807	8.49	-18.80%	100%	6.49	8.5	0.00148333	0.08	0.12
376300-Mains - Plastic	800727	F0604	Repl w 2385F 2-4P S & Mason St	201807	(2,563.25)	0%	98.85%	(2,563.25)	8.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-4P Concordia Phase A	201807	89.01	1.85%	100%	87.36	8.5	0.00148333	1.10	1.58
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201807	43.34	0.94%	99.06%	42.93	8.5	0.00148333	0.54	0.76
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201807	(249,824.19)	2.01%	97.99%	(244,614.94)	8.5	0.00148333	(3,084.18)	(4,354.14)
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201807	(11,482.24)	6.20%	93.80%	(10,770.10)	8.5	0.00148333	(135.79)	(191.71)
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201807	(69,886.85)	-2.23%	100%	(69,886.85)	8.5	0.00148333	(755.07)	(1,065.98)
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S - Concordia Ph F	201807	(1,786.04)	1.01%	98.99%	(1,768.07)	8.5	0.00148333	(22.29)	(31.47)
376300-Mains - Plastic	800764	F0599	Inst 5455F 12P Header Dunn Park&71	201807	3,111.80	0.00%	100%	3,111.80	8.5	0.00148333	39.23	55.39
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201807	1,048.60	5.41%	94.59%	991.90	8.5	0.00148333	12.51	17.66
376300-Mains - Plastic	800796	F0599	Repl 5335F 2-4-6P Dunn Park Ph1D	201807	3,814.07	0.00%	100%	3,814.07	8.5	0.00148333	49.35	69.87
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201807	(359.52)	1.47%	98.53%	(354.25)	8.5	0.00148333	(4.47)	(6.31)
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201807	(574.54)	0.53%	99.47%	(571.51)	8.5	0.00148333	(7.21)	(10.17)
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201807	4,755.11	0.63%	99.37%	4,725.12	8.5	0.00148333	59.58	84.11
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201807	(521.38)	0.57%	99.43%	(518.41)	8.5	0.00148333	(6.54)	(9.23)
376300-Mains - Plastic	800801	F0599	Repl 6306F 2-4P Dunn Park W of 71 1E	201807	(63.11)	-0.59%	100%	(63.11)	8.5	0.00148333	(0.80)	(1.12)
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201807	(909.90)	0.00%	100%	(909.90)	8.5	0.00148333	(11.47)	(16.20)
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201807	(5.35)	-0.57%	100%	(5.35)	8.5	0.00148333	(0.07)	(0.10)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carillon Grd Ph L	201807	(6,772.10)	0.00%	100%	(6,772.10)	8.5	0.00148333	(85.45)	(120.63)
376300-Mains - Plastic	800856	F0604	Repl 3404F 2P Carillon Grd Ph K	201807	(6,989.84)	-0.69%	100%	(6,972.10)	8.5	0.00148333	(86.30)	(122.60)
376300-Mains - Plastic	800854	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201807	(168.78)	-1.43%	100%	(168.78)	8.5	0.00148333	(2.13)	(3.00)
376300-Mains - Plastic	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201807	(1.07)	0.00%	100%	(1.07)	8.5	0.00148333	(0.01)	(0.02)
376300-Mains - Plastic	800912	F072	Repl w 1645F 2-4P 135 E & Moffet	201807	(1.65)	-0.04%	100%	(1.65)	8.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	800921	F0599	Repl 1448F 2-4P Benton & 59th	201807	(2,255.44)	1.80%	98.20%	(2,214.94)	8.5	0.00148333	(27.93)	(39.43)
376300-Mains - Plastic	800924	F0604	Repl w 2225F 2P Claremont & 29th	201807	4,082.3	-2.5%	100%	(4,009.23)	8.5	0.00148333	(52.3)	(75.9)
376300-Mains - Plastic	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201807	(1.14)	0%	100.00%	(1.14)	8.5	0.00148333	(0.01)	(0.02)
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201807	4,871.10	3.03%	96.97%	4,723.58	8.5	0.00148333	59.56	84.08
376300-Mains - Plastic	800977	F0604	Repl 8085F 2-4P Liberty & Stone	201807	(7.86)	3.43%	96.57%	(7.39)	8.5	0.00148333	(0.09)	(0.13)
376300-Mains - Plastic	801040	F0599	Inst 6782F 2P Budd Park Header Ph1	201807	(82,840.71)	0.00%	100%	(82,840.71)	8.5	0.00148333	(1,042.55)	(1,474.84)
376300-Mains - Plastic	801041	F0599	Inst 9410F S-12 Budd Park HeaderPh2	201807	7,338.08	0.00%	100%	7,338.08	8.5	0.00148333	92.73	130.64
376300-Mains - Plastic	801042	F0599	Inst 8105F E-8 Budd Park Header Ph3	201807	(40.99)	-0.04%	100%	(40.99)	8.5	0.00148333	(0.52)	(0.73)
376300-Mains - Plastic	801057	F072	Repl w 8235F 2-6P Neosho C-001	201807	(1.87)	2.48%	97.52%	(1.82)	8.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201807	(42.82)	0.00%	100%	(42.82)	8.5	0.00148333	(0.54)	(0.75)
376300-Mains - Plastic	801063	F0599	Repl 420F 6P AOR 3046 Holmes	201807	(20,241.00)	2.28%	97.22%	(20,000.00)	8.5	0.00148333	(255.00)	(352.00)
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201807	(778.74)	0.57%	99.43%	(774.34)	8.5	0.00148333	(9.76)	(13.78)
376300-Mains - Plastic	801101	F0599	Repl 7528F 2P Big Blue Battle Ph 1B	201807	1,537.67	-0.83%	100%	1,537.67	8.5	0.00148333	19.39	27.37
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201807	41,207.58	-0.55%	100%	41,207.58	8.5	0.00148333	519.56	733.49
376300-Mains - Plastic	801149	F0572	Repl 2784F 2-4P 18th & Prest	201807	2,191.82	-3.44%	100%	2,149.82	8.5	0.00148333	3.18	(4.48)
376300-Mains - Plastic	801125	F072	Repl 3365F 2-4P 18th & Birt	201807	(134.01)	1.17%	98.83%	(133.00)	8.5	0.00148333	(1.63)	(2.37)
376300-Mains - Plastic	801149	F072	Repl 4180F 2-4P 24th & Meadow	201807	1.48	-0.98%	100%	1.48	8.5	0.00148333	0.02	0.03
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th & Bates	201807	(43.49)	0.40%	99.60%	(43.32)	8.5	0.00148333	(0.55)	(0.77)
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201807	(229.54)	-0.22%	100%	(229.54)	8.5	0.00148333	(2.38)	(3.40)
376300-Mains - Plastic	801179	F0604	Repl 871F 2-4-6P 58th & Woodson	201807	(15,189.44)	0%	100%	(15,189.44)	8.5	0.00148333	(192.22)	(262.32)
376300-Mains - Plastic	801179	F072	Repl 6790F 2-4P Carriage Area Ph 1A	201807	(189.55)	0.78%	99.22%	(188.06)	8.5	0.00148333	(2.27)	(3.35)
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201807	(19,266.89)	0.00%	100%	(19,266.89)	8.5	0.00148333	(242.92)	(342.95)
376300-Mains - Plastic	801219	F0604	Repl 5009F 2-4P 39th & S Main St	201807	115.86	-0.11%	100%	115.86	8.5	0.00148333	1.46	2.06
376300-Mains - Plastic	801220	F0604	Repl 1193F 2-4P Shelley & E33rd Ter	201807	159.27	9.12%	90.88%	149.83	8.5	0.00148333	(0.81)	2.98
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&S Cleveland@Holton	201807	(20,123.00)	0%	100%	(20,123.00)	8.5	0.00148333	(255.00)	(352.00)
376300-Mains - Plastic	801224	F0599	Repl 1282F 2P 61st & Indiana	201807	7,399.42	1.17%	98.83%	7,273.43	8.5	0.00148333	91.71	129.47
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201807	4.16	0.48%	99.52%	4.14	8.5	0.00148333	0.05	0.07
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P Berry Rd S of Truman	201807	2,494.91	4.31%	96.69%	2,387.99	8.5	0.00148333	30.10	42.50
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 52nd & Agnes AOR	201807	(2.45)	0.00%	100%	(2.45)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201807	982.11	0.00%	100%	982.11	8.5	0.00148333	12.38	17.48
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201807	5,306.96	-0.69%	100%	5,306.96	8.5	0.00148333	66.84	94.36
376300-Mains - Plastic	801250	F072	Repl 4805F 2-4P Carriage Area Ph 2A	201807	(1,480.18)	-0.69%	100%	(1,480.18)	8.5	0.00148333	(18.66)	(26.35)
376300-Mains - Plastic	801253	F072	Repl 72F 2P 313 S Oak St	201807	7.97	-0.80%	100%	7.97	8.5	0.00148333	0.10	0.14
376300-Mains - Plastic	801259	F0599	Repl 330F 4P Indianapolis/Chestnut	201807	4,012.66	0%	100%	4,012.66	8.5	0.00148333	50.59	71.42
376300-Mains - Plastic	801284	F072	Repl 5625F 2-4P Elliot & Hwy K	201807	379.92	2.36%	97.64%	370.97	8.5	0.00148333	4.68	6.60
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201807	6,923.09	-1.55%	100%	6,923.09	8.5	0.00148333	87.29	123.23
376300-Mains - Plastic	801297	F0599	Repl 380F 2P North and Gilman Rd	201807	443.23	0.00%	100%	443.23	8.5	0.00148333	5.59	7.89
376300-Mains - Plastic	801299	F0604	Repl 594F 2P 32nd & Shred Bend	201807	(15,950.92)	2.16%	94.52%	(15,210.98)	8.5	0.00148333	(191.78)	(270.71)
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northem & Rainier	201807	1,588.89	0%	100%	1,588.89	8.5	0.00148333	20.29	28.29
376300-Mains - Plastic	801302	F0599	Repl 6006F 2-4P Budd Park Grd Ph2B	201807	56,117.45	0.14%	99.86%	56,042.22	8.5	0.00148333	706.57	997.51
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin & Jewell	201807	(1.71)	0.08%	99.92%	(1.71)	8.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-6P Walnut@Holton&Trane	201807	2,166.28	0.17%	99.83%	2,162.70	8.5	0.00148333	27.27	38.50
376300-Mains - Plastic	801366	F0604	Repl 599F 4P Grd Miller LA	201807	(7,789.							

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Oct17 - Jun18
Appendix A - Schedule 1

SPIRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Depr	Depr Expense
376300-Mains - Plastic	800163	F0722	Webb City Phase 1D Bare Steel Rep/la	201808	(11,779)	1.09%	99.91%	(11,779)	7.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	800254	F0624	Rep/ 11818P 2P Pleasant Hill Ph3	201808	95,277	-4.39%	99.27%	95,277	7.5	0.00148333	(0.06)	1.20
376300-Mains - Plastic	800257	F0604	Rep/ w 9327F 2&4P Pleasant Hill Ph4	201808	(6,003)	4.45%	95.55%	(5,78)	7.5	0.00148333	(0.06)	(0.10)
376300-Mains - Plastic	800258	F0604	Rep/ w 11818P 2P Pleasant Hill Ph5	201808	(28,37)	1.61%	98.39%	(27,91)	7.5	0.00148333	(0.03)	(0.50)
376300-Mains - Plastic	800259	F0604	Rep/ w 8606F 2P Pleasant Hill Ph6	201808	(14,157)	2.29%	97.22%	(11,174)	7.5	0.00148333	(12.43)	(19.89)
376300-Mains - Plastic	800260	F0722	Webb City Phase 2A Bare ST Rep	201808	(71,123)	-0.93%	99.37%	(70,37)	7.5	0.00148333	(0.31)	(0.13)
376300-Mains - Plastic	800263	F0722	Rep/ w 1375F 2P Webb City Ph2B	201808	(9,193)	0.00%	100%	(9,19)	7.5	0.00148333	(0.10)	(0.10)
376300-Mains - Plastic	800264	F0722	Rep/ w 6505F 2P Webb City Ph2C	201808	(3,65)	0.02%	99.98%	(3,65)	7.5	0.00148333	(0.04)	(0.06)
376300-Mains - Plastic	800265	F0722	Rep/ w 4648F 2P Webb City Ph2D	201808	(33,61)	-0.71%	100%	(33,61)	7.5	0.00148333	(0.37)	(0.60)
376300-Mains - Plastic	800274	F0604	Rep/ w 7005F 2&4P Carrollton PhA	201808	(11,171)	-0.08%	100%	(11,171)	7.5	0.00148333	(0.12)	(0.20)
376300-Mains - Plastic	800276	F0604	Rep/ w 5352F 2P Carrollton Phase C	201808	(6,55)	-0.58%	100%	(6,55)	7.5	0.00148333	(0.07)	(0.36)
376300-Mains - Plastic	800277	F0604	Rep/ 11776F 2&4P Carrollton Ph D	201808	(60,22)	-0.94%	(90,22)	(50,22)	7.5	0.00148333	(0.56)	(0.89)
376300-Mains - Plastic	800278	F0604	Rep/ w 5718F 2P Carrollton Phase E	201808	(30,50)	0.94%	99.06%	(30,21)	7.5	0.00148333	(0.34)	(0.54)
376300-Mains - Plastic	800279	F0604	Rep/ w 9003F 2P Carrollton Phase F	201808	9,34	1.49%	98.52%	9,20	7.5	0.00148333	(0.10)	0.16
376300-Mains - Plastic	800280	F0722	Rep/ w 2030F 2&4P Webb City Ph2E	201808	(8,204,74)	-4.48%	100%	(8,204,74)	7.5	0.00148333	(103.97)	(164.81)
376300-Mains - Plastic	800281	F0722	Rep/ w 5357F 2&4P WebbCity Phase 2F	201808	15,853,71	8.00%	100%	15,853,71	7.5	0.00148333	176.37	292.20
376300-Mains - Plastic	800282	F0604	Rep/ w 3883F 2&4P Webb City Ph 2G	201808	(320,10)	0.80%	99.20%	(317,54)	7.5	0.00148333	(3.53)	(5.65)
376300-Mains - Plastic	800283	F0722	Rep/ 7916F 2-4-6P Webb City Ph 2H	201808	567,69	-0.04%	100%	567,69	7.5	0.00148333	6.32	10.10
376300-Mains - Plastic	800284	F0604	Rep/ w 11888F 2&4P Carrollton Ph G	201808	(65,48)	-0.41%	100%	(65,48)	7.5	0.00148333	(0.62)	(0.99)
376300-Mains - Plastic	800285	F0604	Rep/ 2409F 2P Carrollton Phase H	201808	(12,40)	0.80%	99.20%	(12,39)	7.5	0.00148333	(0.14)	(0.22)
376300-Mains - Plastic	800286	F0604	Rep/ w 12516F 2&4P Carrollton Ph I	201808	(43,89)	0.14%	99.86%	(43,83)	7.5	0.00148333	(0.49)	(0.78)
376300-Mains - Plastic	800287	F0722	Rep/ w 1183F 2-4-6P Webb City Ph 2I	201808	114,767,46	0.61%	99.39%	114,063,16	7.5	0.00148333	1,268.95	2,030.32
376300-Mains - Plastic	800290	F0604	Rep/ 4735F 1-2-4P Rt 24 & Sterling	201808	49,209,10	3.01%	96.99%	47,727,23	7.5	0.00148333	530.96	849.54
376300-Mains - Plastic	800301	F0604	Rep/ w 10444F 2&4P Republic Ph1	201808	(7,066,60)	-0.56%	96.50%	(6,806,28)	7.5	0.00148333	(68.07)	(252.91)
376300-Mains - Plastic	800302	F0604	Rep/ w 4885F 2&8P St. Joe Grid Ph 2C	201808	(335,55)	-0.41%	100%	(335,55)	7.5	0.00148333	(3.73)	(5.97)
376300-Mains - Plastic	800340	F0604	Rep/ w 6468F 2P St. Joe's Ph2D	201808	(668,02)	-0.21%	100%	(668,02)	7.5	0.00148333	(7.43)	(11.89)
376300-Mains - Plastic	800341	F0604	Rep/ w 4794F 2&6P St. Joe's Ph2E	201808	(13,471,38)	-0.46%	100%	(13,471,38)	7.5	0.00148333	(149.87)	(239.79)
376300-Mains - Plastic	800342	F0604	Rep/ w 6935F 2&4P St. Joe South - 2F	201808	(13,207,98)	1.32%	98.68%	(13,034,99)	7.5	0.00148333	(146.00)	(232.01)
376300-Mains - Plastic	800345	F0722	Rep/ 7292 3&6P Hwy 1 & Roosevelt	201808	(601,10)	0.00%	99.63%	(601,10)	7.5	0.00148333	(6.86)	(10.42)
376300-Mains - Plastic	800344	F0604	Rep/ w 7387 2&4P Pleasant Hill Ph 7	201808	(1,296,79)	6.66%	93.34%	(1,210,37)	7.5	0.00148333	(13.47)	(21.54)
376300-Mains - Plastic	800343	F0604	Rep/ w 11324F 2&4P Marlborough Ph 2	201808	(96,79)	-0.18%	100%	(96,79)	7.5	0.00148333	(1.08)	(1.72)
376300-Mains - Plastic	800345	F0604	Rep/ w 12500F 2&4P TC Lea & Krieger	201808	274,06	2.46%	97.54%	267,30	7.5	0.00148333	2.97	4.78
376300-Mains - Plastic	800346	F0604	Rep/ w 11398F 2&4P East Iron PhC	201808	(3,086)	-0.38%	99.62%	(3,066)	7.5	0.00148333	(3.49)	(5.67)
376300-Mains - Plastic	800444	F0604	Rep/ w 3606F 2&4P Liberty Ph1	201808	(7,22)	0.00%	100%	(7,22)	7.5	0.00148333	(0.08)	(0.13)
376300-Mains - Plastic	800449	F0604	Rep/ w 930F 2P Kiger N of Rt 24	201808	(1,438,23)	0.00%	100%	(1,438,23)	7.5	0.00148333	(16.00)	(25.60)
376300-Mains - Plastic	800453	F0604	Rep/ 10635F 2-4-6P Mayes-W Rt24 Ph1	201808	95,832,46	2.99%	97.01%	90,764,65	7.5	0.00148333	1,011.08	1,611.73
376300-Mains - Plastic	800463	F0604	Rep/ w 1244F 2-4-6-8P 13 & Virginia	201808	(7,000,85)	-0.00%	100%	(7,000,85)	7.5	0.00148333	(77.88)	(124.61)
376300-Mains - Plastic	800469	F0604	Rep/ 2430F 2&4P Pleasant Hill Ph 2	201808	(3,326,41)	-0.37%	99.85%	(3,213,90)	7.5	0.00148333	(36.69)	(60.37)
376300-Mains - Plastic	800489	F0604	Rep/ w 4716F 6P East Downtown Ph1	201808	401,23	6.29%	93.71%	375,98	7.5	0.00148333	4.18	6.69
376300-Mains - Plastic	800491	F0604	Rep/ w 3162F 2&4P Harris S of Shely	201808	(1,139)	-0.17%	100%	(1,139)	7.5	0.00148333	(0.02)	(0.02)
376300-Mains - Plastic	800496	F0604	Rep/ w 7350F 2&4P 63rd & 55th St	201808	(1,003,03)	0.67%	99.33%	(1,016,20)	7.5	0.00148333	(11.31)	(18.09)
376300-Mains - Plastic	800497	F0604	Rep/ w 6249F 63rd & 55th St 1B	201808	(2,027,62)	0.00%	100%	(2,027,62)	7.5	0.00148333	(22.37)	(36.14)
376300-Mains - Plastic	800498	F0604	Rep/ w 5940F 2&4P 63rd & 55th -1C	201808	(637,06)	-0.28%	100%	(637,06)	7.5	0.00148333	(6.97)	(11.09)
376300-Mains - Plastic	800499	F0604	Rep/ w 7020F 2-12P 63rd & 55th Ph1D	201808	(76,643,47)	-0.11%	100%	(76,643,47)	7.5	0.00148333	(852.66)	(1,364.25)
376300-Mains - Plastic	800500	F0604	Rep/ w 6805F 2&4P 63rd & 55th St 1E	201808	(20,469,03)	-0.36%	100%	(20,459,03)	7.5	0.00148333	(227.61)	(364.17)
376300-Mains - Plastic	800501	F0604	Rep/ w 4950F 2P 63rd & 55th	201808	(14,246,97)	0.27%	99.73%	(14,209,13)	7.5	0.00148333	(158.08)	(252.92)
376300-Mains - Plastic	800502	F0604	Rep/ w 5987F 63rd & 55th St 1F	201808	(80,232,44)	0.69%	99.52%	(78,907,30)	7.5	0.00148333	896.87	1,467.83
376300-Mains - Plastic	800542	F0604	Rep/ w 14507F 2-6-12P Blue Ridge	201808	(27,19)	2.15%	97.85%	(26,61)	7.5	0.00148333	(0.30)	(0.47)
376300-Mains - Plastic	800578	F0722	Rep/ w 2920F 2&4P Neosho C-0002	201808	(68,50)	2.61%	97.39%	(66,71)	7.5	0.00148333	(0.74)	(1.19)
376300-Mains - Plastic	800584	F0604	Rep/ w 10385F 2-4-6-8P Target Phase3	201808	26,62	0.21%	99.79%	26,56	7.5	0.00148333	(0.30)	0.47
376300-Mains - Plastic	800597	F0604	Rep/ w 8806F 2&4P Alma Phase 1	201808	5,56	5.36%	94.64%	5,26	7.5	0.00148333	0.06	0.09
376300-Mains - Plastic	800599	F0604	Rep/ w 9540F 2&4P Backburn Phase 2	201808	(6,609)	-0.29%	99.70%	(6,599)	7.5	0.00148333	(0.07)	(0.12)
376300-Mains - Plastic	800600	F0604	Rep/ w 7055F 2&4P Backburn Phase 1	201808	(7,13)	0.94%	99.06%	(7,06)	7.5	0.00148333	(0.08)	(0.13)
376300-Mains - Plastic	800601	F0604	Rep/ w 2845F 2P Marionville PhA	201808	(0,33)	-0.14%	100%	(0,33)	7.5	0.00148333	-	0.01
376300-Mains - Plastic	800613	F0722	Rep/ w 2490F 2&4P Marionville Ph F	201808	(6,151,46)	-4.15%	100%	(6,151,46)	7.5	0.00148333	(66.43)	(109.50)
376300-Mains - Plastic	800618	F0604	Rep/ w 5001F 2&4P Liberty Ph2	201808	(2,408)	-0.37%	99.63%	(2,400)	7.5	0.00148333	(2.70)	(4.14)
376300-Mains - Plastic	800626	F0604	Rep/ 8693F 2-4-6P 57th & Bales UJ	201808	(76,56)	-0.01%	100%	(76,56)	7.5	0.00148333	(0.85)	(1.36)
376300-Mains - Plastic	800639	F0604	Rep/ w 5742F 2&4P East Downtown Ph 2	201808	420,326,30	0.76%	99.24%	417,112,12	7.5	0.00148333	4,640.35	7,424.56
376300-Mains - Plastic	800654	F0604	Rep/ w 5185F 2&6P Neosho C-001 1B	201808	(65,38)	-0.30%	100%	(65,38)	7.5	0.00148333	(0.62)	(0.99)
376300-Mains - Plastic	800658	F0604	Rep/ w 1249F 2&4P Liberty Grid Phase 1	201808	(683,74)	6.00%	94.00%	(629,94)	7.5	0.00148333	(6.90)	(9.43)
376300-Mains - Plastic	800659	F0604	Rep/ 8620F 2&4P Liberty Grid PhaseM	201808	(2,499,24)	1.15%	99.44%	(2,469,14)	7.5	0.00148333	(27.57)	(44.81)
376300-Mains - Plastic	800660	F0604	Rep/ 3680F 2&4P LibertyGrid Phase N	201808	531,907,76	0.94%	99.96%	531,717,12	7.5	0.00148333	5,915.34	9,464.54
376300-Mains - Plastic	800671	F0722	Rep/ 5730F 2&4P Neosho Phase 1 K	201808	(62,780,76)	0.01%	99.49%	(62,438,20)	7.5	0.00148333	(694.62)	(1,114.40)
376300-Mains - Plastic	800672	F0722	Rep/ 5260F 2P Neosho Phase L	201808	1,27	-0.34%	100%	1,27	7.5	0.00148333	(0.01)	0.02
376300-Mains - Plastic	800695	F0604	Rep/ w 8028 2&4P Bales CA02D	201808	(11,241,60)	0.69%	100%	(11,241,60)	7.5	0.00148333	(124.72)	(199.24)
376300-Mains - Plastic	800690	F0604	Rep/ 5151F 2-4-6 Hwy 71&Gregory Ph L	201804	(338,04)	-0.53%	100%	(338,04)	7.5	0.00148333	(0.42)	(0.68)
376300-Mains - Plastic	800702	F0604	Rep/ w 4442F 2-4-6-8P Wornall&85th	201808	(740,44)	-	100.00%	(740,44)	7.5	0.00148333	(8.24)	(13.18)
376300-Mains - Plastic	800720	F0604	Rep/ w 4138F 2&4P Hwy 71 Gregory-M	201808	15,982,00	-0.10%	100%	15,982,00	7.5	0.00148333	177.80	284.48
376300-Mains - Plastic	800721	F0604	Rep/ 5540F 2&4P Hwy 71 Gregory Ph N	201808	39,380,77	-0.12%	100%	39,380,77	7.5	0.001483		

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SPIRE - MISSOURI WEST
 IRSR Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Dep	Depr Expense
376300-Mains - Plastic	001472	F0604	Repl 14655F 2-4P V6S 24rd to 27th	201808	5,067.02	-0.45%	100%	5,067.02	7.5	0.00148333	96.37	90.19
376300-Mains - Plastic	001473	F0604	Repl 14655F 2-4P V6S Ph 4	201808	21,175.00	0.00%	100%	21,175.00	7.5	0.00148333	244.24	238.79
376300-Mains - Plastic	001520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201808	23,282.69	-1.78%	100%	22,382.69	7.5	0.00148333	249.01	388.41
376300-Mains - Plastic	001522	F0772	Repl 1885F 2-4P McConnell Av to 7th	201808	(20,005.30)	0.10%	99.90%	(19,984.59)	7.5	0.00148333	(222.33)	(365.72)
376300-Mains - Plastic	001528	F0772	Repl 2180F 2-4P Emira 5th to 8th	201808	11,727.13	-2.13%	100%	11,727.13	7.5	0.00148333	130.46	208.74
376300-Mains - Plastic	001548	F0604	Repl 3701F 2P Windsor Ph1 Miller	201808	23,544.31	0.00%	100%	23,544.31	7.5	0.00148333	329.79	526.06
376300-Mains - Plastic	001602	F0699	Repl 30F 8P Topping & Smart AOR	201808	(146,844.00)	0.00%	100%	(146,844.00)	7.5	0.00148333	(1,633)	(2,611)
376300-Mains - Plastic	001625	F0699	Repl 665F 2P 59th & Cypress Place	201808	(213.31)	5.34%	94.66%	(202.49)	7.5	0.00148333	(2.25)	(3.60)
376300-Mains - Plastic	001626	F0699	Repl 1592F 2P 40th & Kensington	201808	(733.68)	0.77%	99.23%	(729.00)	7.5	0.00148333	(8.10)	(12.96)
376300-Mains - Plastic	001627	F0772	Repl 1295F 2-3-4P Leaks on Fairview	201808	(1,059.79)	-0.08%	100%	(1,059.79)	7.5	0.00148333	(11.79)	(18.89)
376300-Mains - Plastic	001628	F0699	Repl 400F 4P 49th & Cleveland AOR	201808	178,409.68	0.00%	100%	178,409.68	7.5	0.00148333	1,962.55	3,140.09
376300-Mains - Plastic	001647	F0604	Repl 5390F 2-4P Norborne Mo Phase 1	201808	(1,053.63)	2.30%	97.70%	(1,029.41)	7.5	0.00148333	(11.45)	(18.32)
376300-Mains - Plastic	001648	F0604	Repl 1745F 2-4P Norborne Ph2 Miller	201808	(1,382.63)	0.23%	98.77%	(1,389.47)	7.5	0.00148333	(15.46)	(24.73)
376300-Mains - Plastic	001649	F0604	Repl 8115F 2-4P Norborne Phase 3	201808	(1,886.44)	3.50%	96.50%	(1,827.34)	7.5	0.00148333	(18.10)	(28.87)
376300-Mains - Plastic	001650	F0604	Repl 1440F 2-4P Norborne Phase 4	201808	(719.40)	0.00%	100%	(719.40)	7.5	0.00148333	(8.00)	(12.81)
376300-Mains - Plastic	001651	F0604	Repl 4315F 2P Norborne Phase 5	201808	(759.29)	0.00%	96.48%	(732.56)	7.5	0.00148333	(7.15)	(11.04)
376300-Mains - Plastic	001652	F0604	Repl 5820F 2P Norborne Phase 6	201808	16,433.01	4.59%	95.41%	15,679.55	7.5	0.00148333	174.43	279.10
376300-Mains - Plastic	001673	F0699	Repl 530F 2P William Jewell College	201808	49,051.48	0.00%	100%	49,051.48	7.5	0.00148333	545.70	873.11
376300-Mains - Plastic	001703	F0604	Repl 1440F 2-4P 36th St & Sterling	201808	(2,747.82)	-2.19%	100%	(2,747.82)	7.5	0.00148333	(30.57)	(48.81)
376300-Mains - Plastic	001708	F0699	Repl 3920F 2P 84th Bellevue/Summit	201808	178,409.68	0.00%	100%	178,409.68	7.5	0.00148333	1,962.55	3,140.09
376300-Mains - Plastic	001709	F0699	Repl 1430F 4P 56th - Indiana/Kansas	201808	(648.31)	0.00%	100%	(648.31)	7.5	0.00148333	(7.21)	(11.54)
376300-Mains - Plastic	001710	F0699	Repl 1390F 4P 56th - Summit/Wornall	201808	7,002.25	0.00%	100%	7,002.25	7.5	0.00148333	77.90	124.64
376300-Mains - Plastic	001712	F0699	Repl 1450F 2-4P Walnut-51 Ter/51 St	201808	(944.30)	1.04%	98.96%	(934.51)	7.5	0.00148333	(10.40)	(16.31)
376300-Mains - Plastic	001731	F0699	Repl 580F 2P Blue Pkwy & Elynn Rd	201808	(6,588.02)	-0.58%	100%	(6,588.02)	7.5	0.00148333	(77.70)	(128.63)
376300-Mains - Plastic	001770	F0699	Repl 5170F 8P Brooklyn 9th to 19th	201808	24,385.20	0.00%	100%	24,385.20	7.5	0.00148333	292.57	453.10
376300-Mains - Plastic	001789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201808	(726.19)	-0.11%	100%	(726.19)	7.5	0.00148333	(8.08)	(12.93)
376300-Mains - Plastic	001815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201808	13,535.10	0.00%	97.95%	13,258.23	7.5	0.00148333	147.50	236.00
376300-Mains - Plastic	001827	F0699	Repl 649F 2-4P 26th and 10th	201808	(752.29)	-0.51%	100%	(752.29)	7.5	0.00148333	(8.37)	(13.39)
376300-Mains - Plastic	001828	F0699	Repl 2524F 2-4P 23rd & Topping	201808	19,152.79	0.00%	100%	19,152.79	7.5	0.00148333	217.76	348.14
376300-Mains - Plastic	001834	F0699	Repl 881F 4P 29th & Cleveland AOR	201808	(11,909.20)	0.00%	100%	(11,909.20)	7.5	0.00148333	(12.25)	(19.60)
376300-Mains - Plastic	001835	F0699	Repl 9745F 2-4-6P Budd Park Header	201808	303,870.86	0.00%	100%	303,870.86	7.5	0.00148333	3,390.56	5,408.89
376300-Mains - Plastic	001844	F0699	Repl 700F 2P 63rd & Ballinroe	201808	(3,325.44)	2.73%	97.27%	(3,234.57)	7.5	0.00148333	(35.88)	(67.68)
376300-Mains - Plastic	001862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201808	1,286,942.00	0.29%	99.71%	1,282,848.00	7.5	0.00148333	14,271.66	22,834.64
376300-Mains - Plastic	001868	F0699	Repl 855F 2P 29th Ter & Oakley - CI	201808	36,144.58	0.00%	100%	36,144.58	7.5	0.00148333	402.11	643.37
376300-Mains - Plastic	001873	F0772	Repl 2175F 2-4P CP at Canterbury	201808	3,566.48	-1.56%	100%	3,566.48	7.5	0.00148333	39.68	63.48
376300-Mains - Plastic	001874	F0772	Repl 885F 4P 111 N Turk - Joplin	201808	(12.93)	0.00%	100%	(12.93)	7.5	0.00148333	(0.14)	(0.23)
376300-Mains - Plastic	001875	F0604	Repl 211F 2-4P Harris Ave & Truman	201808	(6,006.14)	-0.60%	100%	(6,006.14)	7.5	0.00148333	(66.82)	(106.81)
376300-Mains - Plastic	001882	F0699	Repl 209F 4P 6th & Chelsea	201808	18,657.84	0.00%	100%	18,657.84	7.5	0.00148333	207.57	322.11
376300-Mains - Plastic	001909	F0699	Repl 4180F 2-4P Pitman and 36th St	201808	14,024.37	0.00%	100%	14,024.37	7.5	0.00148333	156.02	249.63
376300-Mains - Plastic	002002	F0604	Repl 1215F 2P Maywood Ave	201808	33,818.15	0.00%	100%	33,818.15	7.5	0.00148333	376.23	601.96
376300-Mains - Plastic	002003	F0604	Repl 1510F 2-4P Walnut & Willis	201808	93,146.87	10.28%	89.72%	83,572.85	7.5	0.00148333	929.75	1,487.59
376300-Mains - Plastic	002003	F0604	Repl 2882F 2-4P 33rd & Grand 1B	201808	42,928.32	0.38%	99.62%	42,928.32	7.5	0.00148333	475.78	753.78
376300-Mains - Plastic	002003	F0604	Repl 5F 4P 33rd & Grand Phase 1B	201808	(1,460.33)	-5.56%	100%	(1,460.33)	7.5	0.00148333	(16.13)	(25.82)
376300-Mains - Plastic	002032	F0699	Repl 360F 2P 33rd & Highland	201808	(1,813.65)	0.00%	100%	(1,813.65)	7.5	0.00148333	(20.18)	(32.28)
376300-Mains - Plastic	002154	F0699	Repl 205F 4P 33rd & Chestnut AOR	201808	29,975.66	0.00%	100%	29,975.66	7.5	0.00148333	333.48	533.57
376300-Mains - Plastic	002075	F0604	Tipton Grid Phase E - Bare steel re	201809	41.80	2.20%	97.80%	40.88	6.5	0.00148333	0.39	0.73
376300-Mains - Plastic	002093	F0604	Hessen Grid Phase 2	201809	2.40	0.00%	99.00%	2.39	6.5	0.00148333	0.02	0.04
376300-Mains - Plastic	000001	F0604	Repl W 2119F 2-4P Belton Ph1A	201809	(180.91)	3.59%	96.41%	(174.42)	6.5	0.00148333	(1.68)	(3.10)
376300-Mains - Plastic	000002	F0604	Inst 4644F 2P Belton Ph	201809	148,345.88	-1.64%	100%	148,345.88	6.5	0.00148333	1,430.30	2,640.55
376300-Mains - Plastic	000003	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201809	4,852.89	0.75%	99.43%	4,825.11	6.5	0.00148333	46.52	85.89
376300-Mains - Plastic	000004	F0604	Repl 4717F 2P Belton Phase 1D	201809	263,989.83	1.10%	99.90%	261,075.82	6.5	0.00148333	2,517.20	4,647.74
376300-Mains - Plastic	000005	F0604	Repl W 1380F 2P Belton F	201809	(12,008.77)	-0.00%	100%	(12,008.77)	6.5	0.00148333	(116.07)	(214.29)
376300-Mains - Plastic	000122	F0699	Repl W 4565F 2P Liberty PhE	201809	(5.45)	0.68%	98.32%	(5.41)	6.5	0.00148333	(0.05)	(0.10)
376300-Mains - Plastic	000123	F0699	Repl W 4550F 2P Liberty PhE	201809	(5.46)	2.72%	97.28%	(5.31)	6.5	0.00148333	(0.05)	(0.09)
376300-Mains - Plastic	000124	F0699	Repl W 5375F 2P Liberty PhG	201809	(0.60)	-0.46%	100%	(0.60)	6.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	000125	F0699	Repl W 1360F 2P Liberty PhH	201809	(0.49)	0.24%	99.89%	(0.48)	6.5	0.00148333	0.04	0.07
376300-Mains - Plastic	000126	F0699	Repl 3260F 2-4P Liberty Phase 1	201809	(113.67)	-0.55%	100%	(113.67)	6.5	0.00148333	(1.10)	(2.02)
376300-Mains - Plastic	000128	F0699	Repl 1827F 2-4P Liberty Phase J	201809	(122.51)	-0.61%	100%	(122.51)	6.5	0.00148333	(1.18)	(2.18)
376300-Mains - Plastic	000130	F0604	Repl W 6463F 2-4P Belton Ph 2B	201809	(0.58)	0.05%	99.95%	(0.58)	6.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	000131	F0604	Repl W 7363F 2-4P Belton Ph2C	201809	(21.20)	1.11%	98.89%	(20.96)	6.5	0.00148333	(0.20)	(0.37)
376300-Mains - Plastic	000132	F0604	FY16 Street Grid ME - Belton Ph	201809	(1,028.07)	-0.00%	100%	(1,028.07)	6.5	0.00148333	(11.31)	(18.48)
376300-Mains - Plastic	000133	F0699	Repl 5823F 2P Liberty Grid Phase K	201809	(19,970.78)	1.49%	98.51%	(19,652.65)	6.5	0.00148333	(189.48)	(349.82)
376300-Mains - Plastic	000136	F0699	FY16 Strat Grid- St. Joe's South 1B	201809	27.21	0.00%	100%	27.21	6.5	0.00148333	0.26	0.48
376300-Mains - Plastic	000147	F0699	Repl W 5372F 2-4P 71 & Gregory PhY	201809	6.35	0.05%	99.95%	6.35	6.5	0.00148333	0.06	0.11
376300-Mains - Plastic	000148	F0699	Repl W 2012F 2-4P 71 & Gregory PhY	201809	(76,300.00)	0.59%	99.69%	(75,960.00)	6.5	0.00148333	(793.46)	(1,362.89)
376300-Mains - Plastic	000149	F0699	Repl W 4651F 2-4P Hwy 71&Gregory1	201809	(1.41)	1.32%	98.68%	(1.39)	6.5	0.00148333	(0.01)	(0.02)
376300-Mains - Plastic	000150	F0699	Repl W 4743F 2-4P 71 & Gregory PhY	201809	20,788.42	2.59%	97.41%	20,249.72	6.5	0.00148333	195.24	360.44
376300-Mains - Plastic	000151	F0699	Repl W 7128F 2-4P Hwy71 & Gregory K	201809	(93,302.78)	0.80%	99.40%	(92,742.82)	6.5	0.00148333	(894.19)	(1,650.81)
376300-Mains - Plastic	000155	F0699	N Budd Park CI Grid Repl Phase 1D	201809	(22.08)							

Spire Missouri West
 IRSR - Case # GO-2019-0116
 IRSR Work Order Additions Oct17 - Jun18
 Appendix A - Schedule 1

SPIRE - MISSOURI WEST
 IRSR Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	800702	F0599	Repl w 4442F 2-4-6-8P Wornall@85th	201809	(137.23)	-0.1%	100.00%	(137.23)	6.5	0.00148333	(1.32)	(2.44)
376300-Mains - Plastic	800703	F0599	Repl w 4138F 2-4P Hwy 71 GregoryM	201809	(407.18)	-0.0%	100.00%	(407.18)	6.5	0.00148333	(4.07)	(8.67)
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 Gregory Ph O	201809	2.00	-1.12%	100%	2.00	6.5	0.00148333	0.02	0.04
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 Gregory Ph N	201809	4.34	-0.18%	100%	4.34	6.5	0.00148333	0.04	0.08
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201809	(4.65)	0.15%	99.85%	(4.64)	6.5	0.00148333	(0.04)	(0.08)
376300-Mains - Plastic	800756	F0604	Repl w 135F 2P Glenview & 115th	201809	4.99	0.65%	99.35%	4.98	6.5	0.00148333	4.97	85.38
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-4P Concordia Phase A	201809	(106.60)	1.85%	98.15%	(104.62)	6.5	0.00148333	(1.01)	(1.86)
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201809	(392.32)	0.94%	99.06%	(388.65)	6.5	0.00148333	(3.75)	(6.92)
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201809	(487.24)	2.01%	97.99%	(477.48)	6.5	0.00148333	(4.60)	(8.50)
376300-Mains - Plastic	800761	F0604	Repl 9888F 2-4P Concordia Phase D	201809	(1,220.76)	6.20%	93.80%	(1,145.04)	6.5	0.00148333	(11.04)	(20.29)
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201809	1,491.90	-0.23%	100%	1,491.92	6.5	0.00148333	15.50	34.15
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201809	(55,621.82)	1.01%	98.99%	(54,507.96)	6.5	0.00148333	(525.55)	(970.24)
376300-Mains - Plastic	800764	F0599	Inst 5455F 12P Header Dunn Park#71	201809	(1,289.08)	0.00%	100%	(1,289.08)	6.5	0.00148333	(12.14)	(22.41)
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201809	(1,069.89)	5.41%	94.59%	(1,012.04)	6.5	0.00148333	(9.76)	(18.01)
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201809	4,818.84	0.00%	100%	4,818.84	6.5	0.00148333	44.51	126.18
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201809	(1,682.58)	1.47%	98.53%	(1,657.89)	6.5	0.00148333	(15.88)	(30.32)
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201809	(2,023.95)	0.53%	99.47%	(2,013.28)	6.5	0.00148333	(19.41)	(35.84)
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201809	(1,206.03)	0.63%	99.37%	(1,198.42)	6.5	0.00148333	(11.55)	(21.33)
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201809	(48,025.51)	0.57%	99.43%	(46,763.69)	6.5	0.00148333	(441.24)	(814.59)
376300-Mains - Plastic	800801	F0599	Repl 6306F 2-4P Dunn Park W of 71 E	201809	3,949.50	-0.59%	100%	3,949.52	6.5	0.00148333	38.08	70.32
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201809	(3,288.20)	0.00%	100%	(3,288.20)	6.5	0.00148333	(31.70)	(58.53)
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201809	(9.90)	-0.57%	100%	(9.90)	6.5	0.00148333	(0.10)	(0.18)
376300-Mains - Plastic	800853	F072	Repl 285F 2P Myers Joplin	201809	(7,707.58)	0.00%	100%	(7,707.58)	6.5	0.00148333	(74.31)	(137.19)
376300-Mains - Plastic	800854	F0604	Repl 8660F 2-4P Carleton Grid Ph L	201809	(3,822.62)	0.00%	100%	(3,822.62)	6.5	0.00148333	(30.03)	(56.04)
376300-Mains - Plastic	800856	F0604	Repl 3404F 2P Carleton Grid Ph K	201809	(10,553.00)	-0.65%	100%	(10,553.00)	6.5	0.00148333	(101.10)	(191.19)
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 30	201809	(7,480.20)	-0.43%	100%	(7,480.20)	6.5	0.00148333	(72.12)	(133.15)
376300-Mains - Plastic	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201809	421.08	-3.35%	100%	421.08	6.5	0.00148333	4.06	7.50
376300-Mains - Plastic	800899	F0599	Repl w 175F 2P 2722 Barton RdAOR	201809	529.94	0.00%	100%	529.94	6.5	0.00148333	5.10	9.42
376300-Mains - Plastic	F072	F0604	Repl w 1845F 2-4P 135 & Market	201809	(2,021.28)	0.00%	100%	(2,021.28)	6.5	0.00148333	(19.23)	(36.05)
376300-Mains - Plastic	800921	F0599	Repl 1448F 2-4P Barton & 55th	201809	66.15	1.80%	98.20%	64.96	6.5	0.00148333	0.63	1.16
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201809	70,163.93	-5.25%	100%	70,163.93	6.5	0.00148333	676.50	1,248.92
376300-Mains - Plastic	800960	F0599	Repl 1219F 2-4P Wornall & 85th Ph2	201809	(263.13)	na	100.00%	(263.13)	6.5	0.00148333	(2.54)	(4.68)
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201809	1,874.35	0.00%	98.97%	1,817.76	6.5	0.00148333	17.53	32.28
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201809	26.20	4.43%	98.57%	(25.20)	6.5	0.00148333	(0.24)	(0.45)
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201809	4,903.58	0.00%	100%	4,903.58	6.5	0.00148333	47.28	87.28
376300-Mains - Plastic	801041	F0599	Inst 8410F 8-12 Budd Park HeaderPh2	201809	(1,940.46)	0.00%	100%	(1,940.46)	6.5	0.00148333	(18.71)	(34.54)
376300-Mains - Plastic	801042	F0599	Inst 8105F 8-B Budd Park Header Ph3	201809	(78.85)	-0.04%	100%	(78.85)	6.5	0.00148333	(0.76)	(1.40)
376300-Mains - Plastic	801067	F0599	Repl 2124P 4P Neschoe C-001	201809	(39,924.29)	2.49%	97.62%	(38,924.29)	6.5	0.00148333	(372.49)	(693.26)
376300-Mains - Plastic	801068	F0599	Repl 40F 6P AOR 3046 Holmes	201809	(1.94)	0.00%	100%	(1.94)	6.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	801069	F0599	Repl 430F 4P 27th & McGee	201809	(845.95)	2.28%	97.72%	(826.67)	6.5	0.00148333	(7.97)	(14.71)
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201809	(33,118.82)	0.57%	99.43%	(32,932.54)	6.5	0.00148333	(317.52)	(606.20)
376300-Mains - Plastic	801101	F0599	Repl 7520F 2-4P Big Blue BF Ph 1B	201809	(78,580.50)	-0.83%	100%	(78,580.50)	6.5	0.00148333	(769.28)	(1,483.17)
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201809	(22,880.11)	-0.55%	100%	(22,880.11)	6.5	0.00148333	(212.97)	(401.17)
376300-Mains - Plastic	801119	F072	Repl 2794F 2P 34th and Pearl	201809	88.52	-3.44%	100%	88.52	6.5	0.00148333	0.85	1.58
376300-Mains - Plastic	801125	F072	Repl 3065F 2-4P 16th & Bird	201809	(22,000.23)	1.17%	98.83%	(21,745.00)	6.5	0.00148333	(210.15)	(387.07)
376300-Mains - Plastic	801149	F072	Repl 4160F 2-4P 24th & Meadow	201809	2.71	-0.98%	100%	2.71	6.5	0.00148333	0.03	0.05
376300-Mains - Plastic	801150	F0599	Repl 572F 2P 25th and Bates	201809	(11.51)	0.00%	100%	(11.51)	6.5	0.00148333	(0.11)	(0.21)
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201809	(41.31)	-0.22%	100%	(41.31)	6.5	0.00148333	(0.40)	(0.74)
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201809	49,425.03	-0.23%	100%	49,425.03	6.5	0.00148333	476.54	879.76
376300-Mains - Plastic	801193	F072	Repl 6790F 2-4P Carthage Area Ph 1A	201809	(301.39)	0.78%	99.22%	(299.03)	6.5	0.00148333	(2.88)	(5.32)
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201809	59,925.33	0.00%	100%	59,925.33	6.5	0.00148333	577.78	1,086.67
376300-Mains - Plastic	801219	F0604	Repl 5002F 2P 9th & Main St	201809	(201.25)	0.00%	100%	(201.25)	6.5	0.00148333	(1.92)	(3.60)
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201809	396,871.79	9.12%	90.88%	351,565.48	6.5	0.00148333	3,389.67	6,267.85
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201809	(5.81)	0.00%	100%	(5.81)	6.5	0.00148333	(0.06)	(0.10)
376300-Mains - Plastic	801228	F0599	Repl 1368F 1-4P Kansas & 22nd	201809	3.11	0.49%	99.52%	3.10	6.5	0.00148333	0.03	0.06
376300-Mains - Plastic	801240	F0599	Repl 20124F 2-4P Belmont & 41 Truman	201809	34,484.63	0.11%	99.69%	34,292.92	6.5	0.00148333	315.16	597.87
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201809	(0.83)	0.00%	100%	(0.83)	6.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201809	(2.98)	0.00%	100%	(2.98)	6.5	0.00148333	(0.03)	(0.05)
376300-Mains - Plastic	801243	F0599	Repl 8840F 2-4P Budd Park Phase 2A	201809	(3,126.38)	-0.69%	100%	(3,126.38)	6.5	0.00148333	(30.14)	(55.65)
376300-Mains - Plastic	801250	F072	Repl 4895F 2-4P Carthage Area Ph 2A	201809	7,225.01	-0.69%	100%	7,225.01	6.5	0.00148333	69.86	128.60
376300-Mains - Plastic	801253	F072	Repl 727F 2P 313 S Oak St	201809	4.07	0.00%	100%	4.07	6.5	0.00148333	0.04	0.07
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201809	19.64	0.00%	100%	19.64	6.5	0.00148333	0.19	0.35
376300-Mains - Plastic	801284	F072	Repl 5625F 2-4P Elliot & Hwy K	201809	477.51	2.36%	97.64%	466.28	6.5	0.00148333	4.50	8.30
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201809	(80.36)	-1.55%	100%	(80.36)	6.5	0.00148333	(0.77)	(1.43)
376300-Mains - Plastic	801297	F0604	Repl 386F 2P Williams & Callham Rd	201809	(3,929.69)	0.09%	99.99%	(3,929.69)	6.5	0.00148333	(37.64)	(70.21)
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201809	5,861.94	2.19%	97.82%	5,734.00	6.5	0.00148333	55.29	102.07
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201809	34,715.38	-1.57%	100%	34,715.38	6.5	0.00148333	334.71	617.93
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201809	31,431.84	0.14%	99.86%	31,388.58	6.5	0.00148333	302.64	558.72
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2G	201809	510,950.28	-0.25%	100%	510,950.28	6.5	0.00148333	4,917.72	9,076.87
376300-Mains - Plastic	801307</											

Spire Missouri West
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 IRS Work Order Additions Oct17 - Jun18
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SPIRE - MISSOURI WEST
 IRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Dep	Depr Expense
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Baltes UJ	201810	73,669.64	-0.01%	100%	73,669.64	5.5	0.00148333	601.02	1,311.32
376300-Mains - Plastic	801304	F0599	Repl 204P 2-4P Budd Park Phase 2D	201810	78,184.26	-0.01%	100%	78,184.26	5.5	0.00148333	629.82	1,367.61
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grd Ph2B	201810	76,290.11	0.14%	99.86%	76,142.25	5.5	0.00148333	626.67	1,367.20
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201810	341,252.99	0.28%	99.72%	340,282.79	5.5	0.00148333	2,776.13	6,057.02
376300-Mains - Plastic	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph 1D	201810	428,052.86	-0.32%	100%	428,052.86	5.5	0.00148333	3,475.87	7,653.27
376300-Mains - Plastic	801104	F0599	Repl 7920F 2-4P Harris Ave & Truman	201810	628,544.13	-0.00%	100%	628,544.13	5.5	0.00148333	5,124.48	12,224.03
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201810	814,720.69	0.00%	100%	814,720.69	5.5	0.00148333	6,646.75	14,502.00
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue Bt Ph1 F	201810	1,276,704.96	-0.63%	100%	1,276,704.96	5.5	0.00148333	10,415.76	22,725.30
376300-Mains - Plastic	800627	F0599	Repl 40F 4P AOR 2026 48th Ter	201810	891.87	0.00%	100%	891.87	5.5	0.00148333	7.28	15.88
376300-Mains - Plastic	801289	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201810	1,775.84	0.00%	100%	1,775.84	5.5	0.00148333	14.49	31.81
376300-Mains - Plastic	801172	F0599	Repl 1450F 2-4P Walnut-51 TerV1 St	201810	(33,272.3)	1.04%	99.96%	(32,917.86)	5.5	0.00148333	(288.55)	(685.94)
376300-Mains - Plastic	800689	F0599	Repl 3800F 2-4P LibertyGrid Phase N	201810	(31,782.88)	0.04%	99.96%	(31,771.49)	5.5	0.00148333	(259.20)	(665.53)
376300-Mains - Plastic	801049	F0604	Repl w 4716F 4P East Downtown Ph1	201810	(22,529.19)	6.29%	93.71%	(21,113.33)	5.5	0.00148333	(172.23)	(375.79)
376300-Mains - Plastic	800613	F0604	Repl w 4492F 2-4P 59th & Woodson	201810	(1,862.33)	0.22%	99.71%	(1,853.99)	5.5	0.00148333	(16.23)	(37.54)
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201810	(8,264.10)	0.28%	99.72%	(8,111.90)	5.5	0.00148333	(67.81)	(175.04)
376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Downtown Ph 2	201810	(7,238.81)	0.76%	99.24%	(7,183.44)	5.5	0.00148333	(58.60)	(127.86)
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th - Summit/Wornall	201810	(6,500.37)	0.00%	100%	(6,500.37)	5.5	0.00148333	(53.03)	(115.71)
376300-Mains - Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201810	(2,870.18)	0.80%	99.20%	(2,847.24)	5.5	0.00148333	(23.23)	(60.68)
376300-Mains - Plastic	800578	F0572	Repl w 2920F 2-4P Neosho C-0002	201810	(1,528.77)	2.81%	97.39%	(1,486.93)	5.5	0.00148333	(12.13)	(28.47)
376300-Mains - Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201810	(638.09)	6.00%	94.00%	(599.83)	5.5	0.00148333	(4.89)	(10.68)
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201810	(243.46)	-1.57%	100%	(243.46)	5.5	0.00148333	(1.99)	(4.33)
376300-Mains - Plastic	800763	F0604	Repl 1157F 2-4 P&S - Concordia Ph F	201810	(115.00)	0.11%	99.99%	(113.84)	5.5	0.00148333	(0.93)	(2.03)
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201810	(68.84)	-1.20%	100%	(68.84)	5.5	0.00148333	(0.72)	(1.62)
376300-Mains - Plastic	800384	F0599	Repl w 5874F 2-4P Marborough Ph 4	201810	(28.84)	0.35%	100%	(28.84)	5.5	0.00148333	(0.23)	(0.48)
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201810	8.77	0.21%	99.79%	8.75	5.5	0.00148333	0.07	0.16
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201810	137.07	-0.04%	100%	137.07	5.5	0.00148333	1.12	2.44
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph 1	201810	315.07	0.14%	99.86%	314.63	5.5	0.00148333	2.57	5.60
376300-Mains - Plastic	801183	F0599	Repl 200 P 49th & Chelsea	201810	392.07	0.00%	100%	392.07	5.5	0.00148333	3.23	7.14
376300-Mains - Plastic	800342	F0599	Repl w 6935F 2-4P St Joe South - 2F	201810	544.51	1.32%	98.68%	537.34	5.5	0.00148333	4.38	9.56
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201810	581.77	-0.53%	100%	581.77	5.5	0.00148333	4.75	10.36
376300-Mains - Plastic	800132	F0604	FY18 Strategic Grid MGE - Belton Ph	201810	730.81	1.31%	98.69%	717.20	5.5	0.00148333	5.88	12.84
376300-Mains - Plastic	800613	F0572	Repl w 4492F 2-4P 59th & Woodson	201810	1,085.87	-1.19%	100%	1,085.87	5.5	0.00148333	8.96	20.03
376300-Mains - Plastic	800756	F0599	Repl w 1335F 2P Grandview & 115th	201810	1,308.66	0.85%	99.35%	1,298.38	5.5	0.00148333	10.59	23.11
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carriage Area Ph 2A	201810	1,330.35	-0.69%	100%	1,330.35	5.5	0.00148333	10.85	23.68
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201810	1,908.23	-0.94%	100%	1,908.23	5.5	0.00148333	15.55	33.93
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201810	2,027.68	-1.59%	100%	2,027.68	5.5	0.00148333	16.54	36.09
376300-Mains - Plastic	800147	F0599	Repl 1920F 2P Liberty Grid Phase J	201810	2,293.07	0.81%	100%	2,293.07	5.5	0.00148333	18.83	41.63
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201810	2,296.66	0.00%	100%	2,296.66	5.5	0.00148333	18.74	40.88
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201810	3,017.98	-0.51%	100%	3,017.98	5.5	0.00148333	24.62	53.72
376300-Mains - Plastic	801548	F0604	Repl 3120F 2-4P Windsor Ph 6 Miller	201810	3,178.85	0.00%	100%	3,178.85	5.5	0.00148333	25.91	56.53
376300-Mains - Plastic	801650	F0599	Repl 3120F 2-4P Norborne Phase 4	201810	3,458.78	0.00%	100%	3,458.78	5.5	0.00148333	28.52	79.68
376300-Mains - Plastic	801649	F0599	Repl 8115F 2-4P Norborne Phase 4	201810	4,638.81	1.50%	96.50%	4,478.23	5.5	0.00148333	36.92	99.64
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mays-W R24 Ph1	201810	7,912.74	2.99%	97.01%	7,876.23	5.5	0.00148333	62.63	136.64
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201810	8,607.06	-1.51%	100%	8,607.06	5.5	0.00148333	70.22	153.21
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201810	9,210.45	8.54%	91.46%	8,424.11	5.5	0.00148333	68.73	149.95
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201810	9,451.77	0.67%	99.97%	9,451.77	5.5	0.00148333	77.54	171.68
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201810	14,029.63	0.77%	99.23%	13,912.05	5.5	0.00148333	115.57	247.79
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201810	16,843.49	-0.58%	100%	16,843.49	5.5	0.00148333	152.10	331.85
376300-Mains - Plastic	801547	F0604	Repl 4795F 2P Windsor Phase5 Miller	201810	21,918.84	0.43%	99.57%	21,823.95	5.5	0.00148333	178.05	388.47
376300-Mains - Plastic	800276	F0599	Repl 139F 2P 20th & Jackson	201810	22,345.50	0.00%	100%	22,345.50	5.5	0.00148333	182.30	397.75
376300-Mains - Plastic	800353	F0599	Repl 180F 2P Liberty Grid Phase K	201810	23,469.06	0.00%	100%	23,469.06	5.5	0.00148333	191.89	416.82
376300-Mains - Plastic	800004	F0604	Repl 4717F 2P Belton Phase 1D	201810	24,988.83	1.10%	98.20%	24,724.78	5.5	0.00148333	201.71	440.10
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201810	37,015.33	-1.78%	100%	37,015.33	5.5	0.00148333	301.98	668.87
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P Vios 23rd to 27th	201810	41,508.75	-0.45%	100%	41,508.75	5.5	0.00148333	338.64	738.85
376300-Mains - Plastic	800432	F0604	Repl w 1324F 2-4P Marborough Ph 2	201810	42,027.67	0.81%	100%	42,027.67	5.5	0.00148333	342.13	745.15
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand Ph 1C	201810	503,017.64	0.79%	99.21%	499,031.73	5.5	0.00148333	4,071.26	8,882.75
376300-Mains - Plastic	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201810	545,669.48	3.02%	99.98%	529,109.59	5.5	0.00148333	4,316.64	9,416.13
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201810	1,150,349.61	0.96%	99.04%	1,139,326.75	5.5	0.00148333	9,294.99	20,279.97
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy7 / Gregory Ph C	201810	(88,209.78)	-0.19%	100%	(88,209.78)	5.5	0.00148333	(744.89)	(1,606.13)
376300-Mains - Plastic	801647	F0599	Repl 5300F 2-4P Norborne Phase 1	201810	97,329.07	0.20%	99.79%	97,329.07	5.5	0.00148333	792.39	1,740.89
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201810	49,905.00	0.00%	100%	49,905.00	5.5	0.00148333	407.14	888.31
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-3-4-6P Forest to 8th	201810	775,099.21	0.00%	100%	775,099.21	5.5	0.00148333	6,323.18	13,796.02
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201810	(235.57)	-0.08%	100%	(235.57)	5.5	0.00148333	(1.92)	(4.19)
376300-Mains - Plastic	801240	F0604	Repl 3615F 2P Northern & Ralston	201810	3,108.48	4.31%	89.80%	3,088.96	5.5	0.00148333	25.07	53.87
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201810	373.88	0.10%	99.90%	373.29	5.5	0.00148333	3.05	6.64
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201810	1,103.32	0.00%	100%	1,103.32	5.5	0.00148333	9.00	19.64
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201810	20,283.68	-2.13%	100%	20,283.68	5.5	0.00148333	165.48	361.05
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201810	58,710.73	0.00%	100%</					

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SPIRE - MISSOURI WEST
ISRS Work Order Additions July 16 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201811	23,164.72	0.00%	100%	23,164.72	4.5	0.00148333	154.62	412.32
376300-Mains - Plastic	801309	F0599	Repl 8620F 2-4P Liberty Grid PhaseM	201811	29,306.36	0.15%	100%	29,306.36	4.5	0.00148333	186.96	603.00
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P Vito's 23rd to 27th	201811	29,225.21	-0.45%	100%	29,225.21	4.5	0.00148333	195.08	520.21
376300-Mains - Plastic	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201811	44,213.41	7.57%	92.43%	40,868.55	4.5	0.00148333	272.80	727.46
376300-Mains - Plastic	800795	F0599	Repl w 6495F 2-4P Dunn Park W of 71	201811	80,887.80	5.41%	94.59%	76,605.56	4.5	0.00148333	511.36	1,363.63
376300-Mains - Plastic	800208	F0604	Repl 1305F 2-4P 33rd & Grand Pt 1D	201811	101,528.49	-1.57%	100%	101,528.49	4.5	0.00148333	677.70	1,807.28
376300-Mains - Plastic	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201811	199,797.47	0.00%	100%	199,797.47	4.5	0.00148333	1,335.65	3,556.39
376300-Mains - Plastic	800214	F0599	Repl 3020F 2-4P 702 S F Hwy Exposed	201811	214,190.49	0.00%	100%	214,190.49	4.5	0.00148333	1,429.72	3,812.58
376300-Mains - Plastic	800344	F0599	Repl w 2500F 2P St Joe South 2H	201811	226,205.00	0.00%	100%	226,205.00	4.5	0.00148333	1,578.77	4,204.72
376300-Mains - Plastic	802042	F0599	Repl 5465F 2P 9th & Herdsey Ph 1B	201811	331,959.89	0.00%	100%	331,959.89	4.5	0.00148333	2,215.83	5,906.87
376300-Mains - Plastic	801303	F0599	Repl 6300F 2-4P Budd Park Phase 2C	201811	393,985.55	0.00%	100%	393,985.55	4.5	0.00148333	2,362.92	6,301.12
376300-Mains - Plastic	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201811	493,522.25	0.00%	100%	493,522.25	4.5	0.00148333	3,294.25	8,784.68
376300-Mains - Plastic	800806	F0572	Repl 5080F 4-6P W/19th, 20th, IL, IN	201811	594,062.04	0.00%	100%	594,062.04	4.5	0.00148333	3,965.36	10,474.28
376300-Mains - Plastic	800655	F0572	Repl 7803F 2-4-6P Neosho Phase 1C	201811	679,578.23	0.03%	99.97%	679,358.39	4.5	0.00148333	4,534.71	12,092.55
376300-Mains - Plastic	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201812	13,453,625.00	0.00%	100%	13,453,625.00	3.5	0.00148333	89,846.58	239,479.99
December Estimate				201901	9,406,250.00	0.00%	100%	9,406,250.00	2.5	0.00148333	34,881.43	167,340.87
January Estimate												
Total Main Replacements					43,548,814.19			43,334,473.29			287,121.83	771,352.01
Service Line Replacements - Steel												
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PHG	201807	0.02	0.05%	99.95%	0.02	8.5	0.0022333	-	-
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PHH	201807	0.02	0.62%	99.38%	0.02	8.5	0.0022333	-	-
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201807	1,859.85	1.32%	98.68%	1,836.36	8.5	0.0022333	34.84	49.19
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201807	0.60	0.07%	99.93%	0.60	8.5	0.0022333	0.01	0.02
380100-Services - Steel	800225	F0599	Repl w 8035F 6P Marborough Ph 1	201807	0.16	0.00%	100%	0.16	8.5	0.0022333	0.30	0.42
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcoxia Phase 2	201807	0.16	0.00%	100%	0.16	8.5	0.0022333	-	-
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxia Phase 3	201807	(0.86)	0.00%	100%	(0.86)	8.5	0.0022333	(0.02)	(0.02)
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxia Ph 1	201807	0.40	0.00%	100%	0.40	8.5	0.0022333	0.01	0.01
380100-Services - Steel	801147	F0599	Repl w 6372F 2-6P 71 & Gregory PHG	201808	(1,420.79)	0.05%	99.95%	(1,420.95)	8.5	0.0022333	(23.79)	(38.06)
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201808	(67,116.89)	0.35%	99.65%	(66,480.33)	8.5	0.0022333	(770.96)	(1,246.04)
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201808	2.67	0.07%	99.93%	2.67	8.5	0.0022333	0.04	0.07
380100-Services - Steel	800586	F0547	Repl w 8935F 2P Marborough Ph 1	201808	31.25	na	100.00%	31.25	7.5	0.0022333	0.52	0.84
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcoxia Phase 2	201808	(3.39)	0.00%	100%	(3.39)	7.5	0.0022333	(0.06)	(0.09)
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxia Phase 3	201808	(5.43)	0.00%	100%	(5.43)	7.5	0.0022333	(0.09)	(0.15)
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxia Ph 1	201808	0.52	0.00%	100%	0.52	7.5	0.0022333	0.01	0.01
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PHH	201809	(1,879.36)	0.62%	99.38%	(1,867.63)	8.5	0.0022333	(27.11)	(60.05)
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201809	(1,251.18)	0.07%	99.93%	(1,250.29)	8.5	0.0022333	(18.15)	(33.51)
380100-Services - Steel	800586	F0547	Repl w 8935F 2P Marborough Ph 1	201809	(0.16)	na	100.00%	(0.16)	8.5	0.0022333	-	-
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcoxia Phase 2	201809	(0.02)	0.00%	100%	(0.02)	8.5	0.0022333	-	(0.01)
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxia Phase 3	201809	(1.82)	0.00%	100%	(1.82)	8.5	0.0022333	(0.03)	(0.05)
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxia Ph 1	201809	0.30	0.00%	100%	0.30	8.5	0.0022333	-	0.01
380100-Services - Steel	800586	F0547	Repl w 8935F 2P Marborough Ph 1	201810	(705.18)	na	100.00%	(705.18)	8.5	0.0022333	(8.66)	(18.90)
Total Service Line Replacements - Steel					(50,473.72)			(49,862.29)			(820.96)	(1,336.31)
Service Line Replacements - Plastic and Copper												
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201807	0.55	2.00%	97.80%	0.54	8.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201807	0.27	0.84%	99.16%	0.27	8.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800091	F0604	Repl w 2119F 2-4P Belton Ph1A	201807	(2.35)	3.59%	96.41%	(2.27)	8.5	0.0022333	(0.04)	(0.06)
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201807	(4.13)	-1.84%	100%	(4.13)	8.5	0.0022333	(0.08)	(0.11)
380200-Services - Plastic & Copper	800093	F0604	Repl 3117F 2-4P Belton Phase 1C	201807	3.82	0.00%	100%	3.82	8.5	0.0022333	0.07	0.09
380200-Services - Plastic & Copper	800097	F0604	Repl w 1385F 2P Belton Ph1F	201807	827.50	-0.65%	100%	827.50	8.5	0.0022333	15.71	22.18
380200-Services - Plastic & Copper	800122	F0599	Repl w 4565F 2P Liberty PhE	201807	(1.10)	0.69%	99.32%	(1.10)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800123	F0599	Repl w 4565F 2P Liberty Phase F	201807	(3.07)	2.72%	97.28%	(3.03)	8.5	0.0022333	(0.03)	(0.04)
380200-Services - Plastic & Copper	800124	F0599	Repl w 3373F 2P Liberty PHG	201807	(0.46)	0.00%	100%	(0.46)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800125	F0599	Repl w 1385F 2P Liberty PHH	201807	(0.09)	0.11%	99.89%	(0.09)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201807	(1.69)	-0.55%	100%	(1.69)	8.5	0.0022333	(0.03)	(0.05)
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201807	(2.66)	-0.61%	100%	(2.66)	8.5	0.0022333	(0.05)	(0.07)
380200-Services - Plastic & Copper	800130	F0604	Repl w 2060F 2-4P Belton Ph 2B	201807	(0.60)	0.05%	99.95%	(0.60)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800131	F0604	Repl w 1283F 2-4P Belton Ph2C	201807	(0.43)	0.00%	100%	(0.43)	8.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201807	0.01	1.31%	98.69%	-	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201807	(95.30)	4.9%	98.51%	(93.88)	8.5	0.0022333	(1.78)	(2.52)
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201807	1.75	0.00%	100%	1.75	8.5	0.0022333	0.03	0.05
380200-Services - Plastic & Copper	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PHG	201807	1.71	0.05%	99.95%	1.71	8.5	0.0022333	0.03	0.05
380200-Services - Plastic & Copper	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201807	1,765.70	3.35%	98.69%	1,738.41	8.5	0.0022333	33.00	46.58
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201807	2.94	2.59%	97.01%	2.86	8.5	0.0022333	0.05	0.08
380200-Services - Plastic & Copper	800155	F0599	N Budd Park Ct Grid Repl Phase 1D	201807	5.20	2.99%	97.41%	5.72	8.5	0.0022333	0.11	0.15
380200-Services - Plastic & Copper	800158	F0599	N Budd Park Ct Repl Phase 1G 1U	201807	130,967.98	1.31%	98.89%	129,239.33	8.5	0.0022333	2,453.39	3,465.61
380200-Services - Plastic & Copper	800159	F0599	N Budd Park Ct Repl Phase 1H	201807	(0.45)	-0.21%	100%	(0.45)	8.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	800156	F0604	Repl w 8006F 2&P Pleasant Hill Ph3	201807	7.51	-3.39%	100%	7.51	8.5	0.0022333	0.14	0.20
380200-Services - Plastic & Copper	800258	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201807	(0.09)	1.61%	99.39%	(0.09)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800259	F0604	Repl w 8606F 2P Pleasant Hill Ph6	201807	(26.17)	2.28%	97.72%	(25.57)	8.5	0.0022333	(0.49)	(0.69)
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare St Rep	201807	(2,515.16)	0.67%	99.33%	(2,498.34)	8.5	0.0022333	(47.43)	(66.96)
380200-Services - Plastic & Copper	800263	F0572	Repl w 1370F 2P Webb City Ph 2B	201807	(1,190.63)	0.29%	99.71%	(1,180.63)	8.5	0.0022333	(26.42)	(37.40)
380200-Services - Plastic & Copper	800264	F0572	Repl w 8503F 2P Webb City Ph2C	201807	(0.01)	0.02%	99.98%	(0.01)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800265	F0572	Repl w 464									

Spire Missouri West
 IRS - Case # GO-2019-0116
 IRS Work Order Additions Oct17 - Jun18
 Appendix A - Schedule 1

SPiRE - MISSOURI WEST
 IRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Account Depr	Depr Expense
380200-Services - Plastic & Copper	800775	F0599	Repl 6450F 2-4P Dunn Park W of V	201807	387.85	5.41%	94.59%	347.77	8.5	0.0022333	6.60	9.32
380200-Services - Plastic & Copper	800796	F0599	Repl 5350F 2-4P Dunn Park Ph1D	201807	36.50	0.00%	100%	36.50	8.5	0.0022333	0.73	1.03
380200-Services - Plastic & Copper	800777	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201807	(91.14)	-1.47%	98.53%	(89.80)	8.5	0.0022333	(1.70)	(2.41)
380200-Services - Plastic & Copper	800788	F0599	Repl 7252F 2-4P Dunn Park Phase 1H	201807	(204.28)	-0.53%	99.47%	(213.10)	8.5	0.0022333	(4.05)	(5.71)
380200-Services - Plastic & Copper	800799	F0599	Repl 8330F 2-4P Dunn Park Phase 1I	201807	(127.49)	-0.63%	99.37%	(126.43)	8.5	0.0022333	(2.40)	(3.42)
380200-Services - Plastic & Copper	800800	F0599	Repl 10770F 2-4P Dunn Park Ph 7 I	201807	(103.81)	-0.01%	99.43%	(103.81)	8.5	0.0022333	(1.58)	(2.24)
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Park W of 71 E	201807	(162.84)	-0.55%	100%	(164.84)	8.5	0.0022333	(0.32)	(0.45)
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201807	(0.18)	-0.57%	100%	(0.18)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800855	F0604	Repl 8660F 2-4P Carrollton Grd Ph L	201807	6,775.07	0.00%	100%	6,775.07	8.5	0.0022333	128.61	181.57
380200-Services - Plastic & Copper	800866	F0604	Repl 3494F 2P Carrollton Grd Ph K	201807	8,583.71	-0.89%	100%	8,583.71	8.5	0.0022333	162.95	230.04
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4P 72nd St. Rt 360	201807	(8.50)	-0.43%	100%	(8.50)	8.5	0.0022333	(0.07)	(0.10)
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201807	(0.05)	0.00%	100%	(0.05)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201807	(0.40)	-0.04%	100%	(0.40)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800921	F0599	Repl 1448F 2-4P Benton & 55th	201807	(312.82)	1.80%	98.20%	(307.18)	8.5	0.0022333	(5.83)	(8.23)
380200-Services - Plastic & Copper	800924	F0599	Aband 890F 4801 54th & Tier	201807	(2,265.29)	0.00%	100%	(2,265.29)	8.5	0.0022333	(43.00)	(60.71)
380200-Services - Plastic & Copper	800940	F0604	Repl w 2202F 2P Claremont & 29th	201807	284.67	-2.52%	100%	284.67	8.5	0.0022333	5.40	7.63
380200-Services - Plastic & Copper	800960	F0599	Repl 12170F 2-4P Wornall & 85th Ph2	201807	(0.21)	na	100.00%	(0.21)	8.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201807	(46.03)	na	100.00%	(46.03)	8.5	0.0022333	(0.87)	(1.23)
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201807	(96,722.30)	na	100.00%	(96,722.30)	8.5	0.0022333	(1,836.11)	(2,592.15)
380200-Services - Plastic & Copper	800968	F0547	Reloc 2902F 2-4P Wornall & 85th Ph6	201807	(66.82)	na	100.00%	(66.82)	8.5	0.0022333	(1.05)	(1.53)
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201807	(6.58)	na	100.00%	(6.58)	8.5	0.0022333	(0.12)	(0.18)
380200-Services - Plastic & Copper	800971	F0547	Repl 2143F 2P Wornall & 85th	201807	666.07	3.03%	96.97%	645.90	8.5	0.0022333	12.26	17.41
380200-Services - Plastic & Copper	800977	F0604	Repl 8065F 2P Liberty & Stone	201807	(0.34)	3.43%	96.57%	(0.33)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	801067	F0604	Repl w 4252F 2-4P Neesho C-001	201807	(0.07)	-2.48%	97.52%	(0.07)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801107	F0595	Repl 7528F 2P Big Blue Battle Ph 1B	201807	353.15	-0.83%	100%	353.15	8.5	0.0022333	7.46	10.54
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201807	11,625.71	-0.55%	100%	11,625.71	8.5	0.0022333	220.69	311.57
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Peart	201807	1,821.11	-3.44%	100%	1,911	8.5	0.0022333	0.04	0.05
380200-Services - Plastic & Copper	801125	F0572	Repl 3065F 2-4P 16th & Bird	201807	(0.98)	-1.7%	98.83%	(0.98)	8.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	801149	F0572	Repl 4190F 2-4P 22nd - 15th Phase3	201807	0.11	0.11%	na	0.11	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201807	(53.55)	na	100.00%	(53.55)	8.5	0.0022333	(1.02)	(1.44)
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 2-4P 29th and Bates	201807	(1.12)	0.40%	99.60%	(1.12)	8.5	0.0022333	(0.02)	(0.03)
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201807	(4.00)	-0.22%	100%	(4.00)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801179	F0604	Reloc 8770F 2-4-6-10P 58th & Woodson	201807	(1,518.10)	-2%	100%	(1,518.10)	8.5	0.0022333	(28.84)	(40.71)
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201807	(2.61)	na	100.00%	(2.61)	8.5	0.0022333	(0.05)	(0.07)
380200-Services - Plastic & Copper	801193	F0672	Repl 6790F 2-4P Carthage Area Ph 1A	201807	(9.05)	0.78%	99.22%	(8.98)	8.5	0.0022333	(0.17)	(0.24)
380200-Services - Plastic & Copper	801219	F0604	Repl 5089F 2-4P 39th & S Main St	201807	5.02	-0.11%	100%	5.02	8.5	0.0022333	0.10	0.13
380200-Services - Plastic & Copper	801240	F0604	Repl 11075F 2-4P Shelby & E33rd Ter	201807	62.85	0.12%	99.88%	62.85	8.5	0.0022333	1.08	1.52
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland/Holden	201807	(0.22)	0.00%	100%	-	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201807	(7,399.42)	-1.17%	98.83%	(7,273.49)	8.5	0.0022333	(138.07)	(194.93)
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201807	0.26	0.48%	99.52%	0.26	8.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2P Benrhyd St & Truman	201807	3,372.48	4.31%	95.69%	3,373.43	8.5	0.0022333	6.77	9.85
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 60P Agnes ACR	201807	(0.00)	0.00%	100%	(0.00)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201807	924.12	-0.69%	100%	924.12	8.5	0.0022333	17.54	24.77
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201807	(16.10)	-0.69%	100%	(16.10)	8.5	0.0022333	(0.31)	(0.43)
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence-Central	201807	196.07	0.00%	100%	196.07	8.5	0.0022333	3.72	5.25
380200-Services - Plastic & Copper	801284	F0572	Repl 852F 2-4P Elm & Hwy K	201807	(0.43)	2.3%	97.4%	(0.43)	8.5	0.0022333	(0.07)	(0.10)
380200-Services - Plastic & Copper	801293	F0664	Reloc 1324F 6P 32nd St Central City	201807	1,684.03	na	100.00%	1,684.03	8.5	0.0022333	31.97	45.13
380200-Services - Plastic & Copper	801297	F0599	Repl 380F 2P Cherry and Gilham Rd	201807	40.97	0.00%	100%	40.97	8.5	0.0022333	0.78	1.10
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201807	(1,612.03)	2.18%	97.82%	(1,578.86)	8.5	0.0022333	(29.93)	(42.26)
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Raleigh	201807	430.80	-1.57%	100%	430.80	8.5	0.0022333	8.18	11.85
380200-Services - Plastic & Copper	801302	F0599	Repl 6306F 2-4P Budd Park Ph2B	201807	4,281.27	0.00%	99.89%	4,281.27	8.5	0.0022333	81.01	114.36
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201807	(0.02)	0.98%	99.92%	(0.02)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P Walnut/Noland/Crane	201807	22.54	0.17%	98.83%	22.50	8.5	0.0022333	0.43	0.60
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grd Miller 1 A	201807	(0.54)	0.65%	99.35%	(0.54)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801365	F0572	Repl 3365F 2-4P Empire 9th to 9th	201807	(390.20)	-1.33%	100%	(390.20)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201807	0.20	0.60%	99.40%	0.20	8.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201807	(7.35)	1.21%	98.79%	(7.28)	8.5	0.0022333	(0.14)	(0.19)
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201807	(100.12)	-0.51%	100%	(100.12)	8.5	0.0022333	(1.90)	(2.68)
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-4P 15th & Delaware	201807	(278.88)	na	100.00%	(278.88)	8.5	0.0022333	(5.29)	(7.47)
380200-Services - Plastic & Copper	801397	F0604	Repl 1270F 4-6P Pleasant Hill Ph 4	201807	80.78	0.11%	99.88%	80.78	8.5	0.0022333	1.53	2.16
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P Vio's 23rd to 27th	201807	72.85	-0.45%	100%	72.85	8.5	0.0022333	1.38	1.95
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201807	209.79	-0.71%	100%	209.79	8.5	0.0022333	3.98	5.62
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201807	(351.32)	-1.78%	100%	(351.32)	8.5	0.0022333	(6.67)	(9.42)
380200-Services - Plastic & Copper	801528	F0572	Repl 2140F 2-4P Empire 9th to 9th	201807	(390.20)	-1.33%	100%	(390.20)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801546	F0604	Repl 3709F 2-4P Windsor Ph4 Miller	201807	56.87	-1.53%	100%	56.87	8.5	0.0022333	1.08	1.56
380200-Services - Plastic & Copper	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201807	(0.81)	na	100.00%	(0.81)	8.5	0.0022333	(0.02)	(0.02)
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201807	54.60	5.34%	94.66%	51.69	8.5	0.0022333	0.98	1.39
380200-Services - Plastic & Copper	801626	F0599	Repl 1590F 2P 40th & Kensington	201807	(28.51)	0.77%	99.23%	(28.29)	8.5	0.0022333	(0.54)	(0.76)
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 2P 6th & Cleveland ACR	201807	(0.00)	0.00%	100%	(0.00)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	801647	F0604	Repl 5300F 2-4P Norborne MO Phase 1	201807	4,499.71	2.30%	97.70%	4,357.20	8.5	0.0022333		

Spire Missouri West
 IRSR - Case # GO-2019-0116

ISRS Work Order Additions Oct17 - Jun18
 Appendix A - Schedule 1

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Depr	Depr Expense
380200-Services - Plastic & Copper	800301	F072	Repl w/ 10454F 2-4P Republic Ph1	201808	188.11	1.50%	98.50%	188.28	7.5	0.0022333	3.10	4.97
380200-Services - Plastic & Copper	800302	F072	Repl w/ 4989F 2-4P St Joe Grid Ph 2C	201808	0.00	(0.03)	100.00%	(0.03)	7.5	0.0022333	0.19	(0.33)
380200-Services - Plastic & Copper	800340	F099	Repl w/ 6468F 2P St. Joe's Ph2D	201808	(21.89)	-0.21%	100%	(21.89)	7.5	0.0022333	(0.37)	(0.59)
380200-Services - Plastic & Copper	800341	F099	Repl w/ 4794F 2-6P St Joe's Ph2E	201808	(142.60)	-0.46%	100%	(142.60)	7.5	0.0022333	(2.39)	(3.82)
380200-Services - Plastic & Copper	800342	F099	Repl w/ 6935F 2-4P St. Joe South - 2F	201808	(170.13)	1.32%	98.68%	(167.89)	7.5	0.0022333	(2.81)	(4.50)
380200-Services - Plastic & Copper	800343	F072	Reloc 1240F 2-4P Wabash Ph 2 Reloc	201808	(0.72)	na	100.00%	(0.72)	7.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800385	F047	Rel w/ 2320F 2P 22nd&23rd St/Wabash	201808	(0.09)	na	100.00%	(0.09)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800414	F064	Repl w/ 7387 2-4P Pleasant Hill Ph7	201808	(60.30)	6.66%	93.34%	(56.28)	7.5	0.0022333	(0.94)	(1.51)
380200-Services - Plastic & Copper	800432	F099	Repl w/ 11324F 2-4P Marlborough Ph 2	201808	(27.37)	-0.18%	100%	(27.37)	7.5	0.0022333	(0.46)	(0.73)
380200-Services - Plastic & Copper	800435	F064	Repl w/ 12500F 2-4P TC Lea & Krieger	201808	87.20	2.46%	97.54%	85.15	7.5	0.0022333	1.43	2.28
380200-Services - Plastic & Copper	800449	F064	NO 39th & State Line East Iron PhC	201808	(0.03)	0.29%	99.62%	(0.03)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800449	F064	Repl w/ 930F 2P Kiger N of Rt 24	201808	(373.33)	0.00%	100%	(373.33)	7.5	0.0022333	(6.25)	(10.01)
380200-Services - Plastic & Copper	800463	F064	Repl 10635F 2-4-6P Mayes-W Rt24 Ph1	201808	3,202.31	2.99%	97.01%	3,106.62	7.5	0.0022333	52.04	83.26
380200-Services - Plastic & Copper	800463	F099	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201808	(6,638.42)	0.00%	100%	(6,638.42)	7.5	0.0022333	(111.19)	(177.91)
380200-Services - Plastic & Copper	800480	F064	Repl w/ 5940F 2-4P 63rd & 55th St	201808	(65.89)	0.47%	94.96%	(65.66)	7.5	0.0022333	(1.10)	(1.78)
380200-Services - Plastic & Copper	800489	F064	Repl w/ 4716F 6P East Downtown Ph1	201808	3.16	6.29%	93.71%	3.00	7.5	0.0022333	0.05	0.08
380200-Services - Plastic & Copper	800491	F064	Repl w/ 3182F 2-4P Harris S of Shely	201808	(0.06)	-0.17%	100%	(0.06)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800496	F099	Repl w/ 7350F 2-4P 63rd & 55th St	201808	(185.60)	0.67%	99.33%	(184.30)	7.5	0.0022333	(3.09)	(4.94)
380200-Services - Plastic & Copper	800497	F099	Repl w/ 6280F 2P 63rd & 55th St 1B	201808	(915.52)	0.00%	100%	(915.52)	7.5	0.0022333	(8.89)	(13.90)
380200-Services - Plastic & Copper	800499	F099	Repl w/ 5940F 2-4P 63rd & 55th St 1C	201808	(1,781.46)	-0.28%	100%	(1,781.46)	7.5	0.0022333	(29.84)	(47.74)
380200-Services - Plastic & Copper	800499	F099	Repl w/ 7020F 2-12P 63rd & 55th Ph1D	201808	(2,653.00)	-0.11%	100%	(2,653.00)	7.5	0.0022333	(44.44)	(71.10)
380200-Services - Plastic & Copper	800500	F099	Repl w/ 6805F 2-4P 63rd & 55th St 1E	201808	(2,803.15)	-0.36%	100%	(2,803.15)	7.5	0.0022333	(46.95)	(75.12)
380200-Services - Plastic & Copper	800501	F099	Repl w/ 4890F 2P 63rd & 55th	201808	(1,405.92)	0.27%	99.73%	(1,402.19)	7.5	0.0022333	(23.49)	(37.58)
380200-Services - Plastic & Copper	800502	F099	Repl w/ 5950F 2-4-6P 63rd & 55th St	201808	(7,566.78)	-0.69%	99.69%	(7,566.78)	7.5	0.0022333	(126.73)	(202.76)
380200-Services - Plastic & Copper	800526	F078	Rel w/ 1600F 2-4P Pacific & Sunrise	201808	0.03	na	100.00%	0.03	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800542	F064	Repl w/ 14507F 2-6-12P Blue Ridge	201808	(0.46)	2.15%	97.85%	(0.45)	7.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800563	F047	Rel w/ 812F P Marlborough WestPh3	201808	1,531.64	na	100.00%	1,531.64	7.5	0.0022333	25.65	41.05
380200-Services - Plastic & Copper	800578	F072	Rel w/ 2920F 2-4P Neosho C-002	201808	8,110	2.81%	97.39%	(8,193)	7.5	0.0022333	(0.03)	(0.05)
380200-Services - Plastic & Copper	800584	F064	Repl w/ 03850F 2-4-6P Target Phase3	201808	3.16	0.21%	99.06%	3.15	7.5	0.0022333	0.05	0.08
380200-Services - Plastic & Copper	800586	F047	Rel w/ 8935F 2P Marlborough Ph5	201808	(1,710.43)	na	100.00%	(1,710.43)	7.5	0.0022333	145.90	233.44
380200-Services - Plastic & Copper	800597	F064	Repl w/ 8860F 2-4P Alma Phase 1	201808	0.26	5.36%	94.64%	0.25	7.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	800599	F064	Repl w/ 9545F 2-4P Blackburn Phase 2	201808	(0.19)	2.47%	97.53%	(0.19)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800600	F064	Repl w/ 7055F 2-4P Blackburn Phase 1	201808	(0.62)	0.34%	99.06%	(0.61)	7.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800611	F072	Repl w/ 2845F 2P Marvella Ph A	201808	0.01	-0.14%	100%	0.01	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800616	F064	Repl w/ 5800F 2-4P Liberty Ph2	201808	(0.33)	-2.49%	100%	(0.33)	7.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800626	F099	Repl 8693F 2-4-6P 57th & Bales LU	201808	(15.68)	-0.01%	100%	(15.68)	7.5	0.0022333	(0.26)	(0.42)
380200-Services - Plastic & Copper	800639	F064	Repl w/ 5742F 2-4P East Downtown Ph 2	201808	49,729.22	0.76%	99.24%	49,348.87	7.5	0.0022333	826.59	1,322.55
380200-Services - Plastic & Copper	800640	F099	Repl 1920F 2-4P Liberty Grid PhaseF	201808	(0.69)	0.00%	94.00%	(0.69)	7.5	0.0022333	0.32	(0.53)
380200-Services - Plastic & Copper	800659	F099	Repl 8623F 2-4P Liberty Grid PhaseM	201808	163.97	0.15%	99.85%	163.74	7.5	0.0022333	2.58	4.12
380200-Services - Plastic & Copper	800660	F099	Repl 3680F 2-4P LibertyGrid Phase N	201808	33,041.38	0.04%	99.96%	33,029.54	7.5	0.0022333	553.24	885.19
380200-Services - Plastic & Copper	800671	F072	Repl 5730F 2-4P Neosho Phase 1 K	201808	(1,525.71)	0.51%	99.49%	(1,517.87)	7.5	0.0022333	(25.42)	(40.68)
380200-Services - Plastic & Copper	800672	F072	Repl 5283F 2-4P Neosho Phase 1 L	201808	(90.84)	-0.34%	100%	(90.84)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800690	F099	Repl 5151F 2-4-6P Hwy 11&Gregory Ph 1	201808	(6.33)	-0.53%	100%	(6.33)	7.5	0.0022333	(0.11)	(0.17)
380200-Services - Plastic & Copper	800720	F099	Repl w/ 4138F 2-4P Hwy 71 Gregory-M N	201808	(9,751.67)	-0.10%	100%	(9,751.67)	7.5	0.0022333	(163.34)	(261.34)
380200-Services - Plastic & Copper	800721	F099	Repl 5540F 2-4P Hwy71 Gregory Ph N	201808	(39,405.81)	-0.12%	100%	(39,405.81)	7.5	0.0022333	(660.05)	(1,056.07)
380200-Services - Plastic & Copper	800728	F064	Reloc 2621F 2P Broadway & Zora	201808	(0.03)	na	100.00%	(0.03)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800734	F064	Repl w/ 1015F 2-4P Concordia Phase A	201808	(1.87)	1.85%	99.06%	(1.87)	7.5	0.0022333	(0.29)	(0.46)
380200-Services - Plastic & Copper	800759	F064	Repl 7111F 2-4P Concordia Phase B	201808	(11.26)	0.94%	99.06%	(11.02)	7.5	0.0022333	(0.20)	(0.33)
380200-Services - Plastic & Copper	800760	F064	Repl 11566F 2-4P Concordia Phase C	201808	(67.09)	2.01%	97.99%	(65.94)	7.5	0.0022333	(0.94)	(1.50)
380200-Services - Plastic & Copper	800761	F064	Repl 9888F 2-4P Concordia Phase D	201808	(21,049.49)	6.20%	93.80%	(19,743.81)	7.5	0.0022333	(330.71)	(529.13)
380200-Services - Plastic & Copper	800762	F064	Repl 7005F 2-4P Concordia Phase E	201808	(29,426.46)	-0.23%	99.69%	(29,426.46)	7.5	0.0022333	(518.23)	(839.23)
380200-Services - Plastic & Copper	800763	F064	Repl 11571F 2-4P P&S-Concordia Ph F	201808	(3,531.20)	0.01%	99.89%	(3,498.18)	7.5	0.0022333	(56.56)	(93.70)
380200-Services - Plastic & Copper	800794	F099	Inst 5455F 12P Header Dunn Park#71	201808	(4.30)	0.00%	100%	(4.30)	7.5	0.0022333	(0.07)	(0.12)
380200-Services - Plastic & Copper	800795	F099	Repl w/ 6405F 2-4P Dunn Park W of 71	201808	(396.76)	5.41%	94.59%	(375.31)	7.5	0.0022333	(6.29)	(10.06)
380200-Services - Plastic & Copper	800796	F099	Repl 5325F 2-4-6P Dunn Park Ph1D	201808	240.09	0.00%	100%	240.09	7.5	0.0022333	4.02	6.43
380200-Services - Plastic & Copper	800797	F099	Repl 8070F 2-4P Dunn Park Ph1G	201808	(285.82)	0.47%	99.69%	(285.82)	7.5	0.0022333	(4.71)	(7.58)
380200-Services - Plastic & Copper	800798	F099	Repl 7525F 2-4P Dunn Park Phase 1H	201808	(520.43)	0.53%	99.47%	(517.69)	7.5	0.0022333	(8.67)	(13.87)
380200-Services - Plastic & Copper	800799	F099	Repl 8320F 2-4P Dunn Park Phase 1I	201808	(1,270.88)	0.63%	99.37%	(1,262.86)	7.5	0.0022333	21.15	33.84
380200-Services - Plastic & Copper	800800	F099	Repl w/ 10745F 2-4P Dunn Park Ph 7E	201808	(67.57)	0.57%	99.43%	(67.24)	7.5	0.0022333	(0.96)	(1.53)
380200-Services - Plastic & Copper	800801	F099	Repl 6300F 2-4P Dunn Park Ph of 71	201808	(119.33)	-0.59%	100%	(129.33)	7.5	0.0022333	(2.16)	(3.46)
380200-Services - Plastic & Copper	800827	F064	Repl w/ 2556F 2P Lee St & Main	201808	(0.23)	0.57%	100%	(0.23)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800855	F064	Repl 8660F 2-4P Carrollton Grid Ph L	201808	(0.10)	0.00%	100%	(0.10)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800856	F064	Repl 3494F 2P Carrollton Grid Ph K	201808	(0.65)	-0.69%	100%	(0.65)	7.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800864	F064	Repl w/ 3915F 2-4-6P 75th St RT 350	201808	264.88	-0.43%	100%	264.98	7.5	0.0022333	4.44	7.10
380200-Services - Plastic & Copper	800867	F064	Repl w/ 4880F 2-4P Marlborough Ph 1	201808	52.41	0.00%	100%	52.41	7.5	0.0022333	0.88	1.40
380200-Services - Plastic & Copper	800899	F099	Repl w/ 175F 2P 2722 Raytown RdAOR	201808	(0.06)	0.00%	100%	(0.06)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800912	F072	Repl 1445F 2-4P 135 E & Moffat	201808	(0.53)	-0.04%	100%	(0.53)	7.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800921	F099	Repl 1648F 2-4P Benton & 55th	201808	(1,884.49)	1.80%	99.20%	(1,850.65)	7.5	0.0022333	(31.00)	(49.60)
380200-Services - Plastic & Copper	800924	F099	Aband 1800D 54th & Ter	201808	(61.07)	0.00%	100%	(61.07)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	800940	F064										

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Oct17 - Jun18
Appendix A - Schedule 1

SPIRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201808	999.62	-0.20%	100%	999.62	7.5	0.0022333	16.74	26.79
380200-Services - Plastic & Copper	801834	F0599	Repl 8911F 2-4P 23rd & Cleveland AOR	201808	712.03	0.00%	100%	712.03	7.5	0.0022333	17.93	19.09
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budki Park Header	201808	15,419.12	0.00%	100%	15,419.12	7.5	0.0022333	258.27	413.23
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201808	(20.74)	na	100.00%	(20.74)	7.5	0.0022333	(0.35)	(0.56)
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Ballmore	201808	(608.78)	2.73%	97.27%	(592.12)	7.5	0.0022333	(9.92)	(15.87)
380200-Services - Plastic & Copper	801845	F0599	Repl 1019F 2-4P Folsom Joplin	201808	512.03	na	100.00%	512.03	7.5	0.0022333	8.65	13.77
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highway & Florida	201808	(43.52)	na	100.00%	(43.52)	7.5	0.0022333	(0.74)	(1.18)
380200-Services - Plastic & Copper	801862	F0604	Repl 6500F 2-4-12P E 57th to E 50th	201808	6,907.40	0.29%	99.71%	6,887.29	7.5	0.0022333	115.36	184.58
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201808	1,283.63	0.00%	100%	1,283.63	7.5	0.0022333	21.50	34.40
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201808	78.90	-1.58%	100%	78.90	7.5	0.0022333	1.32	2.11
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Carrs Ave & Truman	201808	(191.77)	-0.69%	100%	(191.77)	7.5	0.0022333	(3.67)	(6.87)
380200-Services - Plastic & Copper	801884	F0547	Reloc 3229F 2-4-6P Wormald 85th-89th	201808	36,902.84	na	100.00%	36,902.84	7.5	0.0022333	618.12	988.99
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201808	920.57	0.00%	100%	920.57	7.5	0.0022333	15.42	24.67
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 2-4P Mansfield-SW Pkwy14	201808	1,415.43	na	100.00%	1,415.43	7.5	0.0022333	23.71	37.93
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201808	828.34	0.00%	100%	828.34	7.5	0.0022333	13.89	22.21
380200-Services - Plastic & Copper	802023	F0599	Repl 289S 2-4P 33rd & Grand 1A	201808	724.21	0.38%	99.62%	721.47	7.5	0.0022333	12.08	19.84
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201808	(25.67)	0.00%	100%	(25.67)	7.5	0.0022333	(0.43)	(0.69)
380200-Services - Plastic & Copper	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201808	41,524.87	na	100.00%	41,524.87	7.5	0.0022333	695.54	1,112.86
380200-Services - Plastic & Copper	802057	F0684	Reloc 531F 2-4P 5th & Gran/Cairnhead	201808	13,290.82	na	100.00%	13,290.82	7.5	0.0022333	222.62	386.19
380200-Services - Plastic & Copper	802085	F0604	Aband 225F 2-4P Clark Ave & Holden	201808	(861.86)	0.00%	100%	(861.86)	7.5	0.0022333	(14.44)	(23.10)
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201809	1.03	2.00%	97.80%	1.01	6.5	0.0022333	0.01	0.03
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201809	(0.81)	0.84%	98.16%	(0.60)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2118F 2-4P Belton Ph1A	201809	(16.88)	3.59%	96.41%	(16.27)	6.5	0.0022333	(0.24)	(0.44)
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201809	2,737.03	-1.64%	100%	2,737.03	6.5	0.0022333	39.73	73.35
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201809	5,217.05	0.57%	99.43%	5,185.81	6.5	0.0022333	73.13	143.67
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201809	35,805.04	1.10%	98.80%	35,442.17	6.5	0.0022333	514.50	949.85
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201809	12,889.11	-0.65%	100%	12,889.11	6.5	0.0022333	187.11	345.43
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201809	(0.19)	0.69%	99.32%	(0.19)	6.5	0.0022333	(0.04)	(0.01)
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4565F 2P Liberty Phase F	201809	(0.23)	0.72%	99.32%	(0.23)	6.5	0.0022333	(0.04)	(0.06)
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201809	(0.06)	-0.46%	100%	(0.06)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201809	0.16	0.11%	99.89%	0.16	6.5	0.0022333	0.01	-
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201809	(3.30)	-0.55%	100%	(3.30)	6.5	0.0022333	(0.05)	(0.09)
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase 2	201809	(2.92)	-0.81%	100%	(2.92)	6.5	0.0022333	(0.03)	(0.06)
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 6482F 2-4P Belton Ph 2B	201809	(0.08)	0.05%	99.95%	(0.08)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800131	F0604	Repl w/ 7363F 2-4P Belton Ph2C	201809	(0.65)	1.11%	98.89%	(0.64)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800132	F0604	FY18 Strategic Grid MGE - Belton Ph	201809	(0.03)	1.31%	98.69%	(0.03)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201809	(2,656.55)	1.49%	98.51%	(2,616.55)	6.5	0.0022333	(37.99)	(70.13)
380200-Services - Plastic & Copper	800134	F0599	FY18 Strat Grid St. Jo's South 1B	201809	3.22	0.00%	100%	3.22	6.5	0.0022333	0.05	0.09
380200-Services - Plastic & Copper	800147	F0599	Repl w/ 6372F 2-6P 71 & Gregory PhG	201809	0.47	0.05%	99.95%	0.47	6.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800148	F0599	Repl w/ 3258F 2P Hwy 71&Gregory PhH	201809	78,229.00	0.62%	98.38%	77,734.23	6.5	0.0022333	1,128.44	2,083.27
380200-Services - Plastic & Copper	800149	F0599	Repl w/ 4561F 2-6P Hwy 71&Gregory J	201809	0.04	1.32%	98.68%	0.04	6.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800150	F0599	Repl w/ 4248F 2-4P 71 & Gregory Ph J	201809	(20,740.92)	2.59%	97.41%	(20,250.92)	6.5	0.0022333	(296.39)	(547.74)
380200-Services - Plastic & Copper	800151	F0599	Repl w/ 7128F 2-4P Hwy71 & Gregory Ph K	201809	93,306.07	0.60%	97.41%	92,745.89	6.5	0.0022333	1,346.36	2,485.89
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201809	0.07	2.99%	97.01%	0.08	6.5	0.0022333	0.04	0.08
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201809	(5.63)	1.31%	98.69%	(5.56)	6.5	0.0022333	(0.08)	(0.15)
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201809	(0.85)	-0.21%	100%	(0.85)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800164	F0604	Repl w/ 8036F 2P Pleasant Hill Ph3	201809	(0.75)	1.39%	99.17%	(0.75)	6.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201809	(0.17)	1.61%	98.39%	(0.17)	6.5	0.0022333	(0.01)	0.01
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201809	(64.47)	2.28%	97.72%	(63.23)	6.5	0.0022333	(0.77)	(1.43)
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 8602F 2P Webb City Ph2C	201809	6,225.43	0.02%	99.98%	6,224.07	6.5	0.0022333	90.35	166.80
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201809	(3.50)	-0.71%	100%	(3.50)	6.5	0.0022333	(0.05)	(0.09)
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 1002F 2-4P Carrollton PhA	201809	(0.63)	0.00%	100%	(0.63)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800276	F0604	Repl w/ 5332F 2P Carrollton Phase C	201809	(10.59)	-0.58%	100%	(10.59)	6.5	0.0022333	(0.10)	(0.19)
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201809	(11.39)	-0.94%	100%	(11.39)	6.5	0.0022333	(0.17)	(0.31)
380200-Services - Plastic & Copper	800278	F0604	Repl w/ 716F 2P Carrollton Phase E	201809	(2.06)	-0.94%	99.06%	(2.04)	6.5	0.0022333	(0.03)	(0.05)
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 9032F 2P Carrollton Phase F	201809	1.37	0.19%	99.52%	1.35	6.5	0.0022333	0.02	0.04
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2832F 2-4P Webb City Ph2E	201809	(0.06)	-0.48%	100%	(0.06)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800281	F0572	Repl w/ 3357F 2-4P WebbCity Phase 2F	201809	(0.08)	-0.80%	100%	(0.08)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800282	F0572	Repl w/ 3883F 2-4P Webb City Ph 2G	201809	53.55	0.80%	99.20%	52.99	6.5	0.0022333	0.44	0.82
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201809	93.82	-0.04%	100%	93.82	6.5	0.0022333	0.78	1.43
380200-Services - Plastic & Copper	800284	F0604	Repl w/ 11888F 2-4P Carrollton Phase G	201809	(1.79)	0.00%	100%	(1.79)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201809	(1.97)	0.80%	99.20%	(1.95)	6.5	0.0022333	(0.03)	(0.05)
380200-Services - Plastic & Copper	800286	F0604	Repl w/ 1126F 2-4P Carrollton Ph I	201809	(11.35)	0.14%	98.86%	(11.33)	6.5	0.0022333	(0.16)	(0.30)
380200-Services - Plastic & Copper	800287	F0572	Repl w/ 1183F 2-4-6P Webb City Ph 2I	201809	(2.21)	0.61%	99.39%	(2.20)	6.5	0.0022333	(0.03)	(0.06)
380200-Services - Plastic & Copper	800288	F0604	Repl 4743F 2-4P 63rd & Shaw	201809	4,337.01	3.01%	98.50%	4,262.61	6.5	0.0022333	63.40	106.66
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Resolute Ph1	201809	39,720.57	1.50%	98.50%	39,123.29	6.5	0.0022333	567.94	1,048.59
380200-Services - Plastic & Copper	800338	F0599	Repl w/ 4888F 2-8P St. Joe Grid Ph 2C	201809	3.35	-0.41%	100%	3.25	6.5	0.0022333	0.03	0.06
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6488F 2P St. Joe's Ph2D	201809	3.22	-0.21%	100%	3.22	6.5	0.0022333	0.05	0.09
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-4P St. Joe's Ph2E	201809	87.29	-0.48%	100%	87.29	6.5	0.0022333	1.27	2.34
380200-Services - Plastic & Copper	800342	F0599										

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Oct17 - Jun18
Appendix A - Schedule 1

SPiRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Depr	Depr Expense
380200-Services - Plastic & Copper	800921	F0999	Repl 1448F 2-4P Benton & 55th	201809	114.21	1.80%	98.20%	113.95	6.5	0.0022333	0.20	0.37
380200-Services - Plastic & Copper	800924	F0999	Repl 1462F 2-4P Benton & Ter	201809	140.63	0.00%	100.00%	140.63	6.5	0.0022333	0.00	1.14
380200-Services - Plastic & Copper	800940	F0604	Repl w 2202F 2P Claremont & 25th	201809	(89,640.14)	-2.22%	100%	(89,640.14)	6.5	0.0022333	(1,010.94)	(1,866.36)
380200-Services - Plastic & Copper	800950	F0664	Reloc 1170F 2-4P 4th & School Ph 1	201809	(27,771.38)	na	100.00%	(27,771.38)	6.5	0.0022333	(374.11)	(690.67)
380200-Services - Plastic & Copper	800960	F0664	Repl 1217F 2-4P Wornall & 85th Ph2	201809	(49.31)	na	100.00%	(49.31)	6.5	0.0022333	(0.72)	(1.32)
380200-Services - Plastic & Copper	800967	F0664	Reloc 1859F 2-4P 24th & Grand	201809	(1,938.60)	na	100.00%	(1,938.60)	6.5	0.0022333	(26.23)	(48.50)
380200-Services - Plastic & Copper	800969	F0664	Reloc 7913F 2-4P Wornall & 85th Ph5	201809	(72.11)	na	100.00%	(72.11)	6.5	0.0022333	(1.05)	(1.93)
380200-Services - Plastic & Copper	800968	F0647	Reloc 2942F 2-4-6P Wornall 85th Ph6	201809	458.95	na	100.00%	458.95	6.5	0.0022333	6.66	12.30
380200-Services - Plastic & Copper	800970	F0647	Reloc 1975F 2-4P Wornall & 85th Ph8	201809	652.61	na	100.00%	652.61	6.5	0.0022333	8.47	17.49
380200-Services - Plastic & Copper	800971	F0699	Repl 2143F 2P Wornall & 85th	201809	256.32	3.03%	96.97%	248.56	6.5	0.0022333	3.81	6.98
380200-Services - Plastic & Copper	800977	F0699	Repl 8095F 2P Liberty & Stone	201809	18,563.32	2.48%	97.52%	18,103.22	6.5	0.0022333	262.80	485.17
380200-Services - Plastic & Copper	801080	F0647	Reloc 2127F 2-4-6P PleasantVal Ph3	201809	1.09	na	100.00%	1.09	6.5	0.0022333	0.02	0.03
380200-Services - Plastic & Copper	801082	F0647	Reloc 1862F 4-6P PleasantVal Ph3a3	201809	154.83	na	100.00%	154.83	6.5	0.0022333	2.25	4.15
380200-Services - Plastic & Copper	801101	F0999	Repl 7535F 2P Big Blue Battle Ph 1B	201809	(20,153.49)	-0.33%	100%	(20,153.49)	6.5	0.0022333	(292.56)	(540.11)
380200-Services - Plastic & Copper	801102	F0999	Repl 6019F 2-4P Big Blue BF Ph 1C	201809	(6,231.63)	-0.55%	100%	(6,231.63)	6.5	0.0022333	(86.46)	(167.01)
380200-Services - Plastic & Copper	801119	F0772	Repl 2794F 2P 34th and Pearl	201809	0.62	-3.44%	100%	0.62	6.5	0.0022333	0.01	0.02
380200-Services - Plastic & Copper	801125	F0772	Repl 3065F 2-4P 16th & Bird	201809	(0.33)	1.17%	98.83%	(0.92)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	801137	F0664	Repl 3735F 2-4P 22nd - 15th Phase3	201809	(0.20)	na	100.00%	(0.20)	6.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801149	F0772	Repl 4180F 2-4P 24th & Meadow	201809	0.09	-0.98%	100%	0.09	6.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201809	(95.79)	na	100.00%	(95.79)	6.5	0.0022333	(1.39)	(2.57)
380200-Services - Plastic & Copper	801156	F0999	Repl 572F 4P 29th and Bates	201809	(0.41)	0.40%	99.60%	(0.41)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801167	F0604	Repl 925F Jefferson St	201809	(0.72)	-0.22%	100%	(0.72)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 50th & Woodson	201809	(56,046.02)	-0.23%	100%	(56,046.02)	6.5	0.0022333	(814.59)	(1,502.00)
380200-Services - Plastic & Copper	801181	F0664	Reloc 1138F 4P TXVZ 20th to 22nd	201809	(10.17)	na	100.00%	(10.17)	6.5	0.0022333	(0.15)	(0.29)
380200-Services - Plastic & Copper	801193	F0772	Repl 6790F 2-4P Carthage Area Ph 1A	201809	(10.17)	0.78%	99.22%	(14.08)	6.5	0.0022333	(0.20)	(0.38)
380200-Services - Plastic & Copper	801219	F0604	Repl 5009F 2-4P 39th & S Main St	201809	(0.98)	-0.11%	100%	(0.98)	6.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shelby & E33rd Tr	201809	(378,451.59)	9.12%	99.88%	(343,931.63)	6.5	0.0022333	(4,992.73)	(9,217.36)
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2-4P W&E Cleveland/Holden	201809	(3,921.41)	0.09%	99.91%	(3,921.41)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801238	F0999	Repl 1368F 4-6P Kansas & 22nd	201809	0.19	0.48%	99.52%	0.19	6.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201809	(37,823.81)	4.31%	99.69%	(36,193.83)	6.5	0.0022333	(525.41)	(969.99)
380200-Services - Plastic & Copper	801241	F0999	Repl 30F 6P 50th & Agnes ACR	201809	(0.06)	0.00%	100%	(0.06)	6.5	0.0022333	-	-
380200-Services - Plastic & Copper	801243	F0999	Repl 6940F 2-4P Budd Park Phase 2A	201809	(54.02)	-0.69%	100%	(54.02)	6.5	0.0022333	(0.71)	(1.41)
380200-Services - Plastic & Copper	801250	F0772	Repl 4805F 2-4P Carthage Area Ph 2A	201809	78.64	-0.69%	99.74%	78.64	6.5	0.0022333	1.26	2.41
380200-Services - Plastic & Copper	801284	F0604	Repl 5625F 2-4P Elliot & Hwy K	201809	18.23	2.36%	97.64%	17.80	6.5	0.0022333	0.24	0.48
380200-Services - Plastic & Copper	801287	F0664	Repl 810F 4P 20th St, Connecticut	201809	(9,944.12)	na	100.00%	(9,944.12)	6.5	0.0022333	(145.08)	(287.84)
380200-Services - Plastic & Copper	801297	F0999	Repl 380F 2P Cherry and Gilman Rd	201809	(27.56)	0.00%	100%	(27.56)	6.5	0.0022333	(0.40)	(0.74)
380200-Services - Plastic & Copper	801309	F0604	Repl 5245F 2P 32nd St & Sheri Bend	201809	944.83	2.18%	97.82%	936.46	6.5	0.0022333	12.90	23.16
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201809	(34,051.33)	-1.57%	100%	(34,051.33)	6.5	0.0022333	(494.31)	(912.57)
380200-Services - Plastic & Copper	801302	F0999	Repl 6009F 2-4P Budd Park Grd Ph2B	201809	2,393.42	0.16%	99.86%	2,390.13	6.5	0.0022333	34.70	64.06
380200-Services - Plastic & Copper	801304	F0999	Repl 6309F 2-4P Budd Park Phase 2D	201809	45,871.12	-0.25%	100%	45,871.12	6.5	0.0022333	665.89	1,229.34
380200-Services - Plastic & Copper	801307	F0999	Repl 4775F 2-4P Budd Park Phase 2G	201809	25,197.84	0.00%	99.92%	25,197.84	6.5	0.0022333	367.79	675.30
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201809	(0.07)	0.01%	99.92%	(0.07)	6.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201809	(96.47)	0.17%	99.83%	(96.41)	6.5	0.0022333	(0.53)	(0.98)
380200-Services - Plastic & Copper	801356	F0604	Repl 5902 2-4P Emma Grid Miller 1A	201809	(0.99)	0.65%	99.35%	(0.98)	6.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201809	(0.10)	-0.29%	100%	(0.10)	6.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801376	F0604	Repl 8740F 2-4P Waverly MO Phase 1	201809	(13,829.12)	0.00%	99.74%	(13,774.91)	6.5	0.0022333	199.85	389.13
380200-Services - Plastic & Copper	801377	F0604	Repl 9890F 2-4P Waverly MO Phase 2	201809	(11.54)	1.21%	98.79%	(11.54)	6.5	0.0022333	(0.21)	(0.40)
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201809	4.28	-0.51%	100%	4.28	6.5	0.0022333	0.06	0.11
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-4P 15th & Delaware	201809	(6,267.42)	na	100.00%	(6,267.42)	6.5	0.0022333	(90.98)	(167.97)
380200-Services - Plastic & Copper	801407	F0647	Reloc 1270F 4P Pleasant Valley Ph 4	201809	1,235.86	na	100.00%	1,235.86	6.5	0.0022333	17.94	33.12
380200-Services - Plastic & Copper	801417	F0604	Repl 1401F 2-4P 24th & 26th	201809	(14,918.43)	-2.78%	100%	(14,918.43)	6.5	0.0022333	(201.37)	(376.27)
380200-Services - Plastic & Copper	801475	F0604	Repl 8653F 2-4P Waverly MO Phase 4	201809	17,545.26	-0.71%	100%	17,545.26	6.5	0.0022333	254.70	470.21
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201809	390.46	-1.78%	100%	390.46	6.5	0.0022333	5.67	10.46
380200-Services - Plastic & Copper	801528	F0772	Repl 2180F 2-4P Emma 5th to 8th	201809	(160.65)	-2.13%	100%	(160.65)	6.5	0.0022333	(2.33)	(4.31)
380200-Services - Plastic & Copper	801548	F0604	Repl 3740F 2-4P Waverly MO Phase 1	201809	(1,147.88)	-0.51%	100%	(1,147.88)	6.5	0.0022333	(1.66)	3.18
380200-Services - Plastic & Copper	801580	F0678	Reloc 1075F 4P 19th & Norwood	201809	(28.36)	na	100.00%	(28.36)	6.5	0.0022333	(0.41)	(0.78)
380200-Services - Plastic & Copper	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201809	(1.47)	na	100.00%	(1.47)	6.5	0.0022333	(0.02)	(0.04)
380200-Services - Plastic & Copper	801625	F0999	Repl 663F 2P 59th & Cypress Place	201809	(11.82)	5.34%	94.66%	(11.19)	6.5	0.0022333	(0.16)	(0.30)
380200-Services - Plastic & Copper	801628	F0999	Repl 11860F 2P 40th & Kennington	201809	(2,186.66)	0.77%	99.23%	(2,171.71)	6.5	0.0022333	(31.53)	(68.20)
380200-Services - Plastic & Copper	801629	F0999	Repl 400F 2P 40th & Cleveland ACR	201809	(0.99)	0.00%	99.92%	(0.99)	6.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201809	(295.33)	2.30%	97.70%	(288.54)	6.5	0.0022333	(4.19)	(7.73)
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201809	145.18	0.23%	99.77%	144.85	6.5	0.0022333	2.10	3.88
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 4	201809	9.99	3.50%	96.50%	9.64	6.5	0.0022333	0.14	0.26
380200-Services - Plastic & Copper	801650	F0604	Repl 3174F 2-4P Norborne Phase 4	201809	(65.03)	0.00%	99.92%	(65.03)	6.5	0.0022333	(0.96)	(1.86)
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201809	(64.20)	3.52%	96.48%	(62.65)	6.5	0.0022333	(0.82)	(1.14)
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201809	(13.46)	4.59%	95.41%	(12.84)	6.5	0.0022333	(0.19)	(0.34)
380200-Services - Plastic & Copper	801662	F0778	Reloc 1927F 4-6P Griffin Place	201809	(11.29)	na	100.00%	(11.29)	6.5	0.0022333	(0.16)	(0.30)
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201809	(258.27)	na	100.00%	(258.27)	6.5	0.0022333	(3.75)	(6.92)
380200-Services - Plastic & Copper	801709	F0604	Repl 3202F 2-4P 34th & Cleveland/Holden	201809	(3,812.45)	0.00%	99					

Spire Missouri West
 IRS - Case # GO-2011-0116
 IRS Work Order Additions Oct17 - Jun18
 Appendix A - Schedule 1

SPIRE - MISSOURI WEST
 IRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
380200-Services - Plastic & Copper	800152	F0604	FY16 Strategic Grid MCE - Belton Ph	201810	7.87	1.31%	98.69%	1.77	5.5	0.0022333	0.10	0.21
380200-Services - Plastic & Copper	800175	F0604	Repl 3705F 2-4P Park and Jackson	201810	10.22	0.34%	100%	10.22	5.5	0.0022333	0.19	0.27
380200-Services - Plastic & Copper	800283	F0722	Repl 7916F 2-4-6P Webb City Ph 2H	201810	15.81	-0.04%	100%	15.81	5.5	0.0022333	0.19	0.42
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201810	18.50	-1.51%	100%	18.50	5.5	0.0022333	0.23	0.51
380200-Services - Plastic & Copper	800285	F0604	Repl w/ 12516F 2-4P Carrollton Ph 1	201810	23.78	0.14%	99.86%	23.78	5.5	0.0022333	0.29	0.64
380200-Services - Plastic & Copper	800499	F0604	Repl 61140F 2-4P Dun Park Ph1	201810	26.80	-0.30%	98.59%	26.80	5.5	0.0022333	0.32	0.66
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-WR24 Ph1	201810	27.02	2.99%	97.01%	27.02	5.5	0.0022333	0.32	0.70
380200-Services - Plastic & Copper	801673	F0722	Repl 2175F 2-4P CP at Canterbury	201810	44.85	-1.56%	100%	44.85	5.5	0.0022333	0.55	1.20
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201810	78.15	0.00%	100%	78.15	5.5	0.0022333	0.96	2.09
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201810	98.36	-0.94%	100%	98.36	5.5	0.0022333	1.21	2.64
380200-Services - Plastic & Copper	800343	F0604	Repl w/ 8206F 2-4P St Joe South 2G	201810	174.01	1.54%	91.48%	159.15	5.5	0.0022333	1.95	4.27
380200-Services - Plastic & Copper	800678	F0604	Repl 1820F 2P Liberty Grid Phase L	201810	638.09	6.00%	94.00%	599.63	5.5	0.0022333	7.37	16.08
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VitoS 23rd to 27th	201810	994.26	-0.45%	100%	994.26	5.5	0.0022333	12.21	26.65
380200-Services - Plastic & Copper	800578	F0722	Repl w/ 2920F 2-4P Neosho C-0002	201810	1,513.65	2.61%	97.39%	1,474.15	5.5	0.0022333	18.11	39.51
380200-Services - Plastic & Copper	801530	F0604	Repl 9740F 2P Windsor Phase3 Miller	201810	1,598.29	-1.78%	100%	1,598.29	5.5	0.0022333	19.64	42.86
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4P Hagnsville Ph1C	201810	1,878.87	3.02%	96.98%	1,821.70	5.5	0.0022333	22.38	46.82
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201810	3,383.70	1.10%	98.90%	3,356.49	5.5	0.0022333	41.23	89.95
380200-Services - Plastic & Copper	800282	F0722	Repl w/ 3883F 2-4P Webb City Ph 2G	201810	4,720.55	0.80%	99.20%	4,682.82	5.5	0.0022333	57.52	125.50
380200-Services - Plastic & Copper	801214	F0604	Repl 12375F 2-4P Winner Rd	201810	11,783.09	0.96%	99.04%	11,670.18	5.5	0.0022333	143.35	312.76
380200-Services - Plastic & Copper	800586	F0604	Repl w/ 8935F 2P McCrossen Ph5	201810	22,233.04	0.29%	93.71%	20,833.82	5.5	0.0022333	255.91	558.95
380200-Services - Plastic & Copper	801712	F0604	Repl 1450F 2-4P Walnut-51 TerV51 St	201810	33,200.77	1.04%	98.96%	32,856.54	5.5	0.0022333	403.59	860.55
380200-Services - Plastic & Copper	800722	F0604	Repl 3015F 2-4P Hwy71 L Gregory Ph Q	201810	58,205.01	-0.18%	100%	58,205.01	5.5	0.0022333	714.95	1,559.89
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase A	201810	131.01	2.30%	97.70%	128.02	5.5	0.0022333	1.57	3.43
380200-Services - Plastic & Copper	801307	F0604	Repl 4775F 2-4P Budd Park Phase 2G	201810	4,520.83	0.00%	100%	4,520.83	5.5	0.0022333	55.52	121.14
380200-Services - Plastic & Copper	801837	F0722	Repl 6716F 2-3-4-6P Forest to 8th	201810	6,503.98	0.00%	100%	6,503.98	5.5	0.0022333	79.89	174.31
380200-Services - Plastic & Copper	801528	F0722	Repl 2180F 2-4P Empire 5th to 8th	201810	14,146.54	-2.13%	100%	14,146.54	5.5	0.0022333	173.77	379.13
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201810	10.60	4.31%	95.69%	9.57	5.5	0.0022333	0.01	0.02
380200-Services - Plastic & Copper	801909	F0604	Repl 4180F 2-4P Pittman and 38th St	201810	72.42	0.00%	100%	72.42	5.5	0.0022333	0.89	1.94
380200-Services - Plastic & Copper	801547	F0604	Repl w/ 8206F 2P McCrossen Ph5	201810	164,817.89	na	100.00%	164,817.89	5.5	0.0022333	2,024.51	4,417.11
380200-Services - Plastic & Copper	800968	F0647	Repl 2942F 2-4-6P Wornall 85th Ph6	201810	23,578.57	na	100.00%	23,578.57	5.5	0.0022333	287.62	631.90
380200-Services - Plastic & Copper	801845	F0664	Repl 1019F 2-4P F4010 Reloc Joplin	201810	19,342.07	na	100.00%	19,342.07	5.5	0.0022333	237.56	518.37
380200-Services - Plastic & Copper	800966	F0647	Reloc 1859F 4-6P Wornall & 85th Ph8	201810	9,650.86	na	100.00%	9,650.86	5.5	0.0022333	118.54	258.63
380200-Services - Plastic & Copper	801201	F0664	Reloc 1249F 2-4P Highways & Florida	201810	7,216.88	na	100.00%	7,216.88	5.5	0.0022333	88.64	193.40
380200-Services - Plastic & Copper	801894	F0647	Reloc 3229F 2-4-6P Wornall 85thPh8	201810	3,375.58	na	100.00%	3,375.58	5.5	0.0022333	41.50	88.65
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201810	2,359.29	na	100.00%	2,359.29	5.5	0.0022333	28.98	63.23
380200-Services - Plastic & Copper	800970	F0647	Reloc 1975F 2-6P Wornall & 85th Ph8	201810	762.73	na	100.00%	762.73	5.5	0.0022333	9.37	20.44
380200-Services - Plastic & Copper	801082	F0647	Reloc 1862F 4-6P PleasantVal Phase3	201810	110.31	na	100.00%	110.31	5.5	0.0022333	1.34	2.93
380200-Services - Plastic & Copper	800586	F0647	Reloc 1920F 2-4-6P 4th St	201810	2.15	na	100.00%	2.15	5.5	0.0022333	0.03	0.06
380200-Services - Plastic & Copper	801939	F0647	Reloc 1822F 4P Mansfield-SW Pkwy14	201810	289.63	na	100.00%	289.63	5.5	0.0022333	3.56	7.76
380200-Services - Plastic & Copper	800238	F0604	Reloc 150F 4P Main at Stone	201810	463.16	na	100.00%	463.16	5.5	0.0022333	5.69	12.41
380200-Services - Plastic & Copper	801361	F0647	Reloc 370F 2P Bennington Widening	201810	4,573.97	na	100.00%	4,573.97	5.5	0.0022333	56.18	122.58
380200-Services - Plastic & Copper	801801	F0604	Reloc 315F 6-8S 38th & Noland Rd	201810	5,957.85	na	100.00%	5,957.85	5.5	0.0022333	71.84	157.80
380200-Services - Plastic & Copper	801936	F0604	Reloc 145F 4P Ward Rd & 153rd	201810	11,428.54	na	100.00%	11,428.54	5.5	0.0022333	140.38	306.28
380200-Services - Plastic & Copper	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201810	16,777.39	na	100.00%	16,777.39	5.5	0.0022333	206.08	449.63
380200-Services - Plastic & Copper	801733	F0604	Reloc 5310F 2-4-6P Crysler&70 MODOT	201810	27,047.16	na	100.00%	27,047.16	5.5	0.0022333	332.23	724.66
380200-Services - Plastic & Copper	800961	F0647	Reloc 6883F 2-6P Wornall & 85th Ph8	201810	40,240.43	na	100.00%	40,240.43	5.5	0.0022333	494.29	1,078.47
380200-Services - Plastic & Copper	800725	F0604	Repl w/ 6405F 2-4P Dunn Park Ph1	201810	60,937.80	5.18%	94.59%	57,620.91	5.5	0.0022333	702.91	1,503.11
380200-Services - Plastic & Copper	800796	F0604	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201810	105,840.00	0.00%	100%	105,840.00	5.5	0.0022333	1,286.38	2,834.67
380200-Services - Plastic & Copper	801909	F0604	Repl 4180F 2-4P Pittman and 38th St	201810	4,062.34	0.00%	100%	4,062.34	4.5	0.0022333	48.63	108.87
380200-Services - Plastic & Copper	801939	F0647	Reloc 1822F 4P Mansfield-SW Pkwy14	201810	3,317.34	na	100.00%	3,317.34	4.5	0.0022333	33.43	88.90
380200-Services - Plastic & Copper	801743	F0664	Reloc 2710F 4P W 2nd & S McCoy Ave	201810	408.45	na	100.00%	408.45	4.5	0.0022333	4.08	10.89
380200-Services - Plastic & Copper	800925	F0604	Repl w/ 4896F 2P 63rd St	201810	121.63	0.21%	99.22%	120.23	4.5	0.0022333	1.49	3.29
380200-Services - Plastic & Copper	800155	F0604	N Budd Park Cl Grid Repl Phase 1D	201810	106.85	2.99%	97.01%	103.47	4.5	0.0022333	1.04	2.77
380200-Services - Plastic & Copper	802280	F0604	Repl 92F 2P 11th & Myrtle Ave - AOR	201810	48.20	0.00%	100%	48.20	4.5	0.0022333	0.49	1.30
380200-Services - Plastic & Copper	801894	F0647	Reloc 3229F 2-4-6P Wornall 85thPh8	201810	44.47	na	100.00%	44.47	4.5	0.0022333	0.44	1.18
380200-Services - Plastic & Copper	800343	F0604	Repl w/ 8206F 2-4P McCrossen Ph5	201810	92.19	0.76%	99.24%	91.72	4.5	0.0022333	0.92	2.05
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201810	117.77	-1.78%	100%	117.77	4.5	0.0022333	1.18	0.48
380200-Services - Plastic & Copper	800502	F0604	Repl w/ 8965F 2-4-6P 63rd & 55th St	201810	16.75	-0.69%	100%	16.75	4.5	0.0022333	0.17	0.45
380200-Services - Plastic & Copper	800729	F0604	Repl 8320F 2-4P Dunn Park Phase 1H	201810	16.07	0.63%	99.37%	15.97	4.5	0.0022333	0.16	0.43
380200-Services - Plastic & Copper	801733	F0722	Reloc 3370F 2-4-6P BigBlueBattle Ph 1E	201810	13.07	na	100.00%	13.07	4.5	0.0022333	0.13	0.35
380200-Services - Plastic & Copper	800925	F0604	Repl 11776F 2-4P Carrollton Ph D	201810	11.53	-0.94%	100%	11.53	4.5	0.0022333	0.12	0.31
380200-Services - Plastic & Copper	802238	F0722	Reloc 150F 4P Main at Stone	201810	2.80	na	100.00%	2.80	4.5	0.0022333	0.03	0.08
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201810	2.20	0.00%	100%	2.20	4.5	0.0022333	0.02	0.06
380200-Services - Plastic & Copper	801801	F0604	Reloc 315F 6-8S 38th & Noland Rd	201810	2,616.00	0.14%	98.96%	2,591.49	4.5	0.0022333	30.46	64.04
380200-Services - Plastic & Copper	801882	F0604	Repl 6550F 2-4-12P E 87th to E 50th	201810	0.94	0.29%	95.71%	0.90	4.5	0.0022333	0.01	0.03
380200-Services - Plastic & Copper	801213	F0664	Reloc 1434F 2-6P Storm Improve 11	201810	0.68	na	100.00%	0.68	4.5	0.0022333	0.01	0.02
380200-Services - Plastic & Copper	801649	F0604	Repl 8115F 2-4P Norborne Phase 3	201810	0.56	3.50%	95.54%	0.54	4.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800343	F0604	Repl w/ 8206F 2-4P McCrossen Ph5	201810	0.50	8.94%	91.48%	0.46	4.5	0.0022333	-	0.01
380200-Services - Plastic & Copper												

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul18 - Jan19
 Appendix A - Schedule 2

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

A	Service Replacements (i.e. Renewals)
B	Mains Replaced Under Maintenance "Mtcce" - Not Related to a planned project, but emergency situations (i.e. worn out or deteriorated)
C	Encapsulation/Clamping of Cast Iron Mains
D	Cathodic Protection Applied to Steel Mains
E	Measuring and Regulator Station Equipment

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Adjustment	Revised Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense	
Mains Catholic Protection												
378100-Mains - Steel	D	016161	F1193	Install rectifier at Hwy 78&Powell	201807	(0.89)	100%	(0.89)	8.5	0.0014833	(0.01)	(0.02)
378100-Mains - Steel	D	017393	F1193	Ground Bed Replace - Armstrong (S)	201807	(15.86)	100%	(15.86)	8.5	0.0014833	(0.20)	(0.28)
378100-Mains - Steel	D	017435	F1194	Ground Bed Replace -Greenfield(SW)	201807	(10.23)	100%	(10.23)	8.5	0.0014833	(0.13)	(0.16)
378100-Mains - Steel	D	017436	F1194	Ground Bed Replace -Diamond (SW)	201807	(12.62)	100%	(12.62)	8.5	0.0014833	(0.16)	(0.22)
378100-Mains - Steel	D	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201807	(68.48)	100%	(68.48)	8.5	0.0014833	(0.86)	(1.22)
378100-Mains - Steel	D	018613	F1193	Rebuild rectifier - Hwy 40	201807	(17.92)	100%	(17.92)	8.5	0.0014833	(0.23)	(0.33)
378100-Mains - Steel	D	016161	F1193	Install rectifier at Hwy 78&Powell	201808	(1.09)	100%	(1.09)	7.5	0.0014833	(0.01)	(0.02)
378100-Mains - Steel	D	017393	F1193	Ground Bed Replace - Armstrong (S)	201808	(27.32)	100%	(27.32)	7.5	0.0014833	(0.30)	(0.49)
378100-Mains - Steel	D	017435	F1194	Ground Bed Replace -Greenfield(SW)	201808	(28.25)	100%	(28.25)	7.5	0.0014833	(0.31)	(0.50)
378100-Mains - Steel	D	017436	F1194	Ground Bed Replace -Diamond (SW)	201808	(34.88)	100%	(34.88)	7.5	0.0014833	(0.39)	(0.62)
378100-Mains - Steel	D	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201808	(189.23)	100%	(189.23)	7.5	0.0014833	(2.11)	(3.37)
378100-Mains - Steel	D	018613	F1193	Rebuild rectifier - Hwy 40	201808	(221.81)	100%	(221.81)	7.5	0.0014833	(2.47)	(3.95)
378100-Mains - Steel	D	016161	F1193	Install rectifier at Hwy 78&Powell	201809	(1.64)	100%	(1.64)	6.5	0.0014833	(0.02)	(0.03)
378100-Mains - Steel	D	017393	F1193	Ground Bed Replace - Armstrong (S)	201809	(32.25)	100%	(32.25)	6.5	0.0014833	(0.31)	(0.57)
378100-Mains - Steel	D	017435	F1194	Ground Bed Replace -Greenfield(SW)	201809	(33.55)	100%	(33.55)	6.5	0.0014833	(0.32)	(0.60)
378100-Mains - Steel	D	017436	F1194	Ground Bed Replace -Diamond (SW)	201809	(41.40)	100%	(41.40)	6.5	0.0014833	(0.40)	(0.74)
378100-Mains - Steel	D	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201809	(224.59)	100%	(224.59)	6.5	0.0014833	(2.17)	(4.00)
378100-Mains - Steel	D	018613	F1193	Rebuild rectifier - Hwy 40	201809	(61.82)	100%	(61.82)	6.5	0.0014833	(0.60)	(1.10)
378100-Mains - Steel	D	023633	F1194	Install rectifier N Peace Church Av	201810	8,159.13	100%	8,159.13	5.5	0.0014833	66.56	145.23
378100-Mains - Steel	D	017438	F1194	Ground Bed Replace - Anderson (SW)	201810	15,742.36	100%	15,742.36	5.5	0.0014833	128.43	280.21
378100-Mains - Steel	D	017434	F1194	Ground Bed Replace - Noel (SW)	201810	17,249.77	100%	17,249.77	5.5	0.0014833	140.73	307.05
Total Mains Catholic Protection						40,127.43		40,127.43			324.72	714.26
Mains Leak Clamps												
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201807	31,788.57	100%	31,788.57	8.5	0.0014833	400.80	565.84
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201808	(10,118.02)	100%	(10,118.02)	7.5	0.0014833	(112.56)	(180.10)
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201809	67,789.67	100%	67,789.67	6.5	0.0014833	653.60	1,206.65
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201810	29,933.99	100%	29,933.99	5.5	0.0014833	244.21	532.82
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201811	7,468.43	100%	7,468.43	4.5	0.0014833	49.85	132.94
December Estimate	C				201812	50,000.00	100%	50,000.00	3.5	0.0014833	299.58	890.00
January Estimate	C				201901	50,000.00	100%	50,000.00	2.5	0.0014833	185.42	890.00
Total Main Leak Clamps						226,862.64		226,862.64			1,689.90	4,038.15
Measuring and Regulator Station Equipment												
378000-Meas & Reg Station Equipment	E	015654	F1191	Rebuild regulator #29	201807	4,307.32	100%	4,307.32	8.5	0.0023833	89.08	126.76
378000-Meas & Reg Station Equipment	E	015654	F1191	Rebuild regulator #29	201808	(19.75)	100%	(19.75)	7.5	0.0023833	(0.35)	(0.56)
378000-Meas & Reg Station Equipment	E	015654	F1191	Rebuild regulator #29	201809	(24.54)	100%	(24.54)	6.5	0.0023833	(0.38)	(0.70)
Total Measuring and Regulator Station Equipment						4,353.03		4,353.03			88.35	124.50
Mains - Replacements												
378100-Mains - Steel	B	003838	F0636	Mayfair Ph2 Repl CS w/ 8000'-20in TF	201807	57.04	40.00%	22.82	8.5	0.0014833	0.29	0.41
378100-Mains - Steel	B	003838	F0636	Mayfair Ph2 Repl CS w/ 8000'-20in TF	201808	(30.92)	40.00%	(12.37)	7.5	0.0014833	(0.14)	(0.22)
378100-Mains - Steel	B	003838	F0636	Mayfair Ph2 Repl CS w/ 8000'-20in TF	201809	3.12	40.00%	1.25	6.5	0.0014833	0.01	0.02
378300-Mains - Plastic	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201807	32,363.99	40.00%	12,945.60	8.5	0.0014833	163.22	230.43
378300-Mains - Plastic	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201807	12,632.66	40.00%	5,053.26	8.5	0.0014833	63.71	89.94
378300-Mains - Plastic	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201807	102.80	40.00%	41.12	8.5	0.0014833	0.52	0.73
378300-Mains - Plastic	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201808	8,978.02	40.00%	3,591.21	7.5	0.0014833	39.95	63.92
378300-Mains - Plastic	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201808	(3,103.62)	40.00%	(1,241.45)	7.5	0.0014833	(18.81)	(22.10)
378300-Mains - Plastic	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201808	19,368.32	40.00%	7,747.33	7.5	0.0014833	86.19	137.90
378300-Mains - Plastic	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201809	4,899.98	40.00%	1,955.98	6.5	0.0014833	18.86	34.82
378300-Mains - Plastic	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201809	(713.21)	40.00%	(285.28)	6.5	0.0014833	(2.79)	(5.08)
378300-Mains - Plastic	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201809	(1,262.78)	40.00%	(505.10)	6.5	0.0014833	(4.87)	(8.90)
378300-Mains - Plastic	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201810	174.22	40.00%	69.69	5.5	0.0014833	0.57	1.24
378300-Mains - Plastic	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201810	3,810.57	40.00%	1,524.23	5.5	0.0014833	12.44	27.13
378300-Mains - Plastic	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201810	68,676.50	40.00%	27,470.60	5.5	0.0014833	224.11	488.98
378300-Mains - Plastic	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201811	20.65	40.00%	8.26	4.5	0.0014833	0.06	0.15
378300-Mains - Plastic	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201811	44.96	40.00%	17.98	4.5	0.0014833	0.12	0.26
378300-Mains - Plastic	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201811	23,942.90	40.00%	9,577.16	4.5	0.0014833	63.93	170.47
Total Main Replacements						169,955.20		67,962.08			652.41	1,210.07
Service Line Replacements - Steel												
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201807	2,698.70	81.72%	2,205.39	8.5	0.0022333	41.87	59.10
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201807	66.40	81.72%	54.26	8.5	0.0022333	1.03	1.45
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201807	6,126.62	81.72%	5,006.70	8.5	0.0022333	95.04	134.18
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201808	(4,784.19)	81.72%	(3,893.32)	7.5	0.0022333	(65.21)	(104.34)
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201808	3,313.40	81.72%	2,707.72	7.5	0.0022333	45.35	72.57
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201808	4,242.60	81.72%	3,467.07	7.5	0.0022333	58.07	92.92
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201809	347.47	81.72%	283.95	6.5	0.0022333	4.12	7.61
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201809	8,167.30	81.72%	6,674.35	6.5	0.0022333	98.89	178.87
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201809	4,243.77	81.72%	3,468.03	6.5	0.0022333	50.34	92.94
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201810	2.50	81.72%	2.04	5.5	0.0022333	0.03	0.05
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201810	4,018.13	81.72%	3,284.45	5.5	0.0022333	40.34	88.02
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201811	(1,060.00)	81.72%	(862.20)	4.5	0.0022333	(0.87)	(23.65)
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201811	25.99	81.72%	20.91	4.5	0.0022333	0.21	0.56
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201811	5,137.21	81.72%	4,198.15	4.5	0.0022333	42.19	112.51
Total Service Line Replacements - Steel						32,546.47		26,597.12			401.40	712.79
Service Line Replacements - Plastic and Copper												
380200-Services - Plastic & Copper	A	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201807	7.82	81.72%	6.39	8.5	0.0022333	0.12	0.17
380200-Services - Plastic & Copper	A	004152	F0608	BWO-RepL Svc w/ PIs (North Reg)	201807	1,090,320.38	81.72%	891,014.50	8.5	0.0022333	16,914.40	23,879.15
380200-Services - Plastic & Copper	A	004153	F0513	BWO-RepL Svc w/ PIs (South Reg)	201807	161,707.68	81.72%	132,148.20	8.5	0.0022333	2,508.61	3,541.57
380200-Services - Plastic & Copper	A	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201807	(86.10)	81.72%	(69.17)	8.5	0.0022333	(1.52)	(2.15)
380200-Services - Plastic & Copper	A	004416	F0561	BWO-REPLACE SERVICE	201807	321.64	81.72%	262.85	8.5	0.0022333	4.99	7.04
380200-Services - Plastic & Copper	A	004501	F0659	BWO-RepL Svc w/ PIs (SW Reg)	201807	91,994.50	81.72%	75,178.30	8.5	0.0022333	1,427.13	2,014.78
380200-Services - Plastic & Copper	A	004600	F0669	BWO SERVICE LINE REPL MODIFIED BLOC	201807	(1,100.00)	81.72%	(892.20)	8.5	0.002		

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul18 - Jan19
 Appendix A - Schedule 2

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

A	Service Replacements (i.e. Renewals)
B	Mains Replaced Under Maintenance "Mtce" - Not Related to a planned project, but emergency situations (i.e. worn out or deteriorated)
C	Encapsulation/Clamping of Cast Iron Mains
D	Cathodic Protection Applied to Steel Mains
E	Measuring and Regulator Station Equipment

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
Total Services Plastic and Copper					6,510,740.02		5,320,604.75			80,107.99	142,591.99
Total Services					6,543,286.46		5,347,201.66			80,509.39	143,304.77
TOTAL					6,984,584.79		5,686,527.04			83,255.77	149,391.75

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Retirements Oct17 - Jun18
 Appendix A - Schedule 3

SPiRE - MISSOURI WEST
 ISRS Work Order Retirements Jul 18-Jan 19

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376100-Mains - Steel	800836	Reloc 20F 2S 73rd & Richmond	F0547	201807	(34.65)	8.5	0.0014833	(0.44)	(0.62)
376100-Mains - Steel	801080	Reloc 2127F 2-4-6P Pleasant Val Ph2	F0547	201807	(27,160.30)	8.5	0.0014833	(324.45)	(483.45)
376100-Mains - Steel	801084	Reloc 2794F 6P Pleasant Valley Ph 5	F0547	201807	(15,529.54)	8.5	0.0014833	(195.80)	(276.43)
376100-Mains - Steel	801580	Reloc 1075F 4P 19th & Norwood	F0578	201807	(644.27)	8.5	0.0014833	(8.12)	(11.47)
376100-Mains - Steel	801733	Reloc 5310F 2-4-6P Chrysler&70 MODOT	F0578	201807	(24,510.48)	8.5	0.0014833	(309.04)	(436.29)
376100-Mains - Steel	802000	Reloc 590F 2P 10418 Truman Rd	F0578	201807	(1,302.41)	8.5	0.0014833	(16.42)	(23.18)
376100-Mains - Steel	800950	Reloc 1170F 2-4P 4th & School Ph 1	F0664	201808	(6,381.65)	7.5	0.0014833	(71.00)	(113.59)
376100-Mains - Steel	801131	Reloc 1130F 4P TX/AZ 20th to 22nd	F0664	201808	(10,878.71)	7.5	0.0014833	(121.03)	(193.64)
376100-Mains - Steel	801386	Reloc 1892F 2-6P 15th & Delaware	F0664	201808	(19,869.37)	7.5	0.0014833	(221.05)	(353.67)
376100-Mains - Steel	801407	Reloc 1270F 4P Pleasant Valley Ph 4	F0547	201808	(15,448.76)	7.5	0.0014833	(171.83)	(274.93)
376100-Mains - Steel	801680	Reloc 15F 2P Bennington & 38th	F0547	201808	(2.12)	7.5	0.0014833	(0.02)	(0.04)
376100-Mains - Steel	801683	Reloc 15F 4P NE 45th & N Holmes	F0547	201808	(9.66)	7.5	0.0014833	(0.11)	(0.17)
376100-Mains - Steel	801781	Reloc 14F 4S Lockwood & 12th	F0664	201808	(43.75)	7.5	0.0014833	(0.49)	(0.78)
376100-Mains - Steel	801907	Reloc 58F 2P 86th & Eastern	F0547	201808	(47.41)	7.5	0.0014833	(0.53)	(0.84)
376100-Mains - Steel	802008	Reloc 15F 4S E 30th Ter & Gateway	F0578	201808	(305.72)	7.5	0.0014833	(3.40)	(5.44)
376100-Mains - Steel	800961	Reloc 6883F 2-6P Wornall & 85th Ph3	F0547	201809	(6,415.80)	6.5	0.0014833	(61.86)	(114.20)
376100-Mains - Steel	800966	Reloc 1859F 4-6P Wornall & 85th Ph4	F0547	201809	(6,968.22)	6.5	0.0014833	(67.19)	(124.03)
376100-Mains - Steel	800968	Reloc 2942F 2-4-6P Wornall 85th Ph6	F0547	201809	(5,220.06)	6.5	0.0014833	(50.33)	(92.92)
376100-Mains - Steel	801361	Reloc 370F 2P Bennington Widening	F0547	201809	(699.94)	6.5	0.0014833	(6.75)	(12.46)
376100-Mains - Steel	801706	Reloc 1392F 4P Turkey Creek Bridge	F0664	201809	(10,089.88)	6.5	0.0014833	(97.28)	(179.60)
376100-Mains - Steel	801845	Reloc 1019F 2-4P F4010 Reloc Joplin	F0664	201809	(1,807.12)	6.5	0.0014833	(17.42)	(32.17)
376100-Mains - Steel	801861	Reloc 1240F 2-4P Highview & Florida	F0664	201809	(3,937.43)	6.5	0.0014833	(37.96)	(70.99)
376100-Mains - Steel	801927	Reloc 456F 2-4P SpringValley & 96th	F0547	201809	(981.72)	6.5	0.0014833	(9.47)	(17.47)
376100-Mains - Steel	800586	Rel w/ 8935F 2P Marlborough Ph5	F0547	201810	(26,335.48)	5.5	0.0014833	(214.85)	(468.77)
376100-Mains - Steel	801894	Reloc 3229F 2-4-6P Wornall 85th89th	F0547	201810	(20,322.33)	5.5	0.0014833	(165.80)	(361.74)
376100-Mains - Steel	801939	Reloc 1822F 4P Mansfield-SW Pkwy/14	F0547	201810	(3,923.74)	5.5	0.0014833	(32.01)	(68.84)
376100-Mains - Steel	801150	Reloc 4341F 2-4P Oakwood & Hines	F0664	201811	(18,265.31)	4.5	0.0014833	(121.92)	(325.12)
376100-Mains - Steel	800596	Reloc w/ 9290F 2-4-6P 4th Street	F0664	201811	(13,166.44)	4.5	0.0014833	(87.89)	(234.36)
376100-Mains - Steel	801925	Reloc 1735F 2-4P&4S N Main-8th/10th	F0578	201811	(4,891.20)	4.5	0.0014833	(32.65)	(87.06)
376100-Mains - Steel	801983	Reloc 395F 2-4P Lawson Main	F0547	201811	(1,261.57)	4.5	0.0014833	(8.42)	(22.46)
376100-Mains - Steel	802008	Reloc 15F 4S E 30th Ter & Gateway	F0578	201811	(269.41)	4.5	0.0014833	(1.80)	(4.80)
Total Retirements - Main Relocation - Steel					(246,721.45)			(2,475.33)	(4,391.63)
376200-Mains - Cast Iron	800961	Reloc 6883F 2-6P Wornall & 85th Ph3	F0547	201809	(7,517.31)	6.5	0.0014833	(72.48)	(133.81)
Total Retirements - Main Relocations - Cast Iron					(7,517.31)			(72.48)	(133.81)
376300-Mains - Plastic	800553	Rel w/ 812F P Marlborough WestPh3	F0547	201807	(4,054.60)	8.5	0.0014833	(51.12)	(72.17)
376300-Mains - Plastic	801080	Reloc 2127F 2-4-6P Pleasant Val Ph2	F0547	201807	(135.81)	8.5	0.0014833	(1.71)	(2.42)
376300-Mains - Plastic	801580	Reloc 1075F 4P 19th & Norwood	F0578	201807	(208.71)	8.5	0.0014833	(2.63)	(3.72)
376300-Mains - Plastic	801733	Reloc 5310F 2-4-6P Chrysler&70 MODOT	F0578	201807	(949.84)	8.5	0.0014833	(11.98)	(16.91)
376300-Mains - Plastic	800552	Rel w/ 165F 2P 72nd St KC MO Sewer	F0547	201808	(10,641.82)	7.5	0.0014833	(118.39)	(189.42)
376300-Mains - Plastic	800620	Rel w/ 29F 2P River St	F0664	201808	(113.82)	7.5	0.0014833	(1.27)	(2.03)
376300-Mains - Plastic	800950	Reloc 1170F 2-4P 4th & School Ph 1	F0664	201808	(1,332.27)	7.5	0.0014833	(14.82)	(23.71)
376300-Mains - Plastic	801191	Reloc 1130F 4P TX/AZ 20th to 22nd	F0664	201808	(36,789.82)	7.5	0.0014833	(409.29)	(654.86)
376300-Mains - Plastic	801386	Reloc 1892F 2-6P 15th & Delaware	F0664	201808	(4,603.73)	7.5	0.0014833	(51.22)	(81.95)
376300-Mains - Plastic	801743	Reloc 270F 4P W 23rd & S McCoy Ave	F0664	201808	(1,234.44)	7.5	0.0014833	(13.73)	(21.97)
376300-Mains - Plastic	801833	Reloc 285F 2P Zora -Miller to Ozark	F0664	201808	(16,130.52)	7.5	0.0014833	(179.45)	(287.12)
376300-Mains - Plastic	801902	Reloc 110F 4P 42nd St Trinity Woods	F0578	201808	(5,521.55)	7.5	0.0014833	(61.43)	(98.28)
376300-Mains - Plastic	800966	Reloc 1859F 4-6P Wornall & 85th Ph4	F0547	201809	(470.16)	6.5	0.0014833	(4.53)	(8.37)
376300-Mains - Plastic	801845	Reloc 1019F 2-4P F4010 Reloc Joplin	F0664	201809	(12,234.31)	6.5	0.0014833	(117.96)	(217.77)
376300-Mains - Plastic	801856	Reloc 550F 6P 22nd-23rd Connector	F0547	201809	(7,709.69)	6.5	0.0014833	(720.32)	(1,329.83)
376300-Mains - Plastic	801861	Reloc 1240F 2-4P Highview & Florida	F0664	201809	(2,790.15)	6.5	0.0014833	(26.90)	(49.66)
376300-Mains - Plastic	800586	Rel w/ 8935F 2P Marlborough Ph5	F0547	201810	(12,373.51)	5.5	0.0014833	(100.95)	(220.25)
376300-Mains - Plastic	802238	Reloc 150F 4P Main at Stone	F0578	201810	(3,579.14)	5.5	0.0014833	(30.02)	(65.49)
376300-Mains - Plastic	801287	Reloc 810F 4P 20th St, Connecticut	F0664	201811	(28,231.26)	4.5	0.0014833	(188.44)	(502.52)
376300-Mains - Plastic	800596	Reloc w/ 9290F 2-4-6P 4th Street	F0664	201811	(13,057.05)	4.5	0.0014833	(87.16)	(232.41)
376300-Mains - Plastic	801936	Reloc 145F 4P Ward Rd & 163rd	F0578	201811	(7,952.12)	4.5	0.0014833	(63.08)	(141.55)
376300-Mains - Plastic	801925	Reloc 1735F 2-4P&4S N Main-8th/10th	F0578	201811	(7,442.98)	4.5	0.0014833	(49.68)	(132.48)
376300-Mains - Plastic	801150	Reloc 4341F 2-4P Oakwood & Hines	F0664	201811	(3,475.16)	4.5	0.0014833	(23.20)	(61.86)
376300-Mains - Plastic	801607	Reloc 16F 2P 70th & Askew Storm Box	F0547	201811	(427.42)	4.5	0.0014833	(2.85)	(7.56)
Total Retirements - Main Relocations - Plastic					(248,559.88)			(2,322.13)	(4,416.75)
Total Retirements - Main Relocations					(502,798.64)			(4,869.94)	(8,942.19)
376100-Mains - Steel	800147	Repl w 6372F 2-6P 71 & Gregory PhG	F0599	201807	(1,711.44)	8.5	0.0014833	(21.58)	(30.46)
376100-Mains - Steel	800149	Repl w 4561F 2-6P Hwy 71&Gregory-I	F0599	201807	(4,203.90)	8.5	0.0014833	(53.00)	(74.83)
376100-Mains - Steel	800263	Repl w/ 1375F 2P Webb City Ph2B	F0572	201807	(4.99)	8.5	0.0014833	(0.06)	(0.09)
376100-Mains - Steel	800463	Repl w 2144F 2-4-6-8P 13 & Virginia	F0599	201807	(2,700.53)	8.5	0.0014833	(34.05)	(48.07)
376100-Mains - Steel	800489	Repl w/ 4716F 6P East Downtown Ph1	F0604	201807	(11,264.59)	8.5	0.0014833	(142.03)	(200.51)
376100-Mains - Steel	800500	Repl w 6805F 2-4P 63rd & 55th St 1E	F0599	201807	(822.88)	8.5	0.0014833	(10.38)	(14.65)
376100-Mains - Steel	800528	Repl w 2550F 20S Hwy291 MORiver Sou	F0604	201807	(98,777.00)	8.5	0.0014833	(1,245.41)	(1,758.23)
376100-Mains - Steel	800578	Repl w 2920F 2-4P Neosho C-0002	F0572	201807	(2,417.76)	8.5	0.0014833	(30.48)	(43.04)
376100-Mains - Steel	800720	Repl w 4138F 2-4P Hwy 71 Gregory-M	F0599	201807	(11,597.98)	8.5	0.0014833	(146.23)	(206.44)
376100-Mains - Steel	800721	Repl 5540F 2-4P Hwy71 /Gregory Ph N	F0599	201807	(82,256.87)	8.5	0.0014833	(1,037.12)	(1,464.17)
376100-Mains - Steel	800722	Repl 3015F 2-4P Hwy71 /Gregory Ph O	F0599	201807	(35,696.78)	8.5	0.0014833	(450.08)	(635.40)
376100-Mains - Steel	800761	Repl 9898F 2-4P Concordia Phase D	F0604	201807	(15,379.96)	8.5	0.0014833	(193.92)	(273.76)
376100-Mains - Steel	800921	Repl 1448F 2-4P Benton & 5th	F0599	201807	(649.64)	8.5	0.0014833	(8.19)	(11.56)
376100-Mains - Steel	800924	Aband 992F 4-6P 54th & Ter	F0599	201807	(2,501.75)	8.5	0.0014833	(31.54)	(44.53)
376100-Mains - Steel	801299	Repl 5945F 2P 32nd St & Shady Bend	F0604	201807	(14,846.16)	8.5	0.0014833	(184.60)	(260.70)
376100-Mains - Steel	801560	Aband 891F 6S 1803 NE 60th Terr	F0599	201807	(3,413.95)	8.5	0.0014833	(43.04)	(60.77)
376100-Mains - Steel	801378	Repl 8810F 2-4P Waverly MO Phase 3	F0604	201807	(4,499.54)	8.5	0.0014833	(56.73)	(80.09)
376100-Mains - Steel	801528	Repl 2180F 2-4P Empire 5th to 8th	F0572	201807	(3,309.48)	8.5	0.0014833	(41.73)	(58.91)
376100-Mains - Steel	801627	Repl 1295F 2-3-4P Leaks on Fairview	F0572	201807	(1,075.50)	8.5	0.0014833	(13.56)	(19.14)
376100-Mains - Steel	801712	Repl 1450F 2-4P Walnut-51 Ter/51 St	F0599	201807	(591.15)	8.5	0.0014833	(7.45)	(10.52)
376100-Mains - Steel	801875	Repl 2121F 2-4P Harris Ave & Truman	F0604	201807	(9,451.53)	8.5	0.0014833	(119.17)	(168.24)
376100-Mains - Steel	802002	Repl 1215F 2P Maywood Ave	F0604	201807	(715.79)	8.5	0.0014833	(9.02)	(12.74)
376100-Mains - Steel	800093	Repl 3111F 2-4-6P Belton Phase 1C	F0604	201808	(3,915.39)	7.5	0.0014833	(43.56)	(69.69)
376100-Mains - Steel	800280	Repl w/ 2932F 2-4P Webb City Ph2E	F0572	201808	(10,699.60)	7.5	0.0014833	(119.03)	(190.45)
376100-Mains - Steel	800281	Repl w 3357F 2-4P WebbCity Phase 2F	F0572	201808	(13,973.10)	7.5	0.0014833	(155.45)	(248.72)
376100-Mains - Steel	800413	Repl w/ 8139F Purcell Ph 1C							

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SPIRE - MISSOURI WEST
 ISRS Work Order Retirements Jul 18-Jan 19

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376100-Mains - Steel	800502	Repl w 5965F 2-4-6P 63rd & 55th St	F0599	201809	(2,599.02)	6.5	0.0014833	(25.06)	(46.26)
376100-Mains - Steel	800658	Repl 1820F 2P Liberty Grid Phase L	F0599	201809	(22,809.76)	6.5	0.0014833	(219.92)	(406.01)
376100-Mains - Steel	800659	Repl 8623F 2-4P Liberty Grid PhaseM	F0599	201809	(11,058.57)	6.5	0.0014833	(106.62)	(196.84)
376100-Mains - Steel	800756	Repl w 1353F 2P Grandview & 115th	F0599	201809	(1,422.10)	6.5	0.0014833	(13.71)	(25.31)
376100-Mains - Steel	800800	Repl w 10745F 2-4P Dunn Park Hwy 71	F0599	201809	(3,667.91)	6.5	0.0014833	(35.36)	(65.29)
376100-Mains - Steel	800971	Repl 2143F 2P Wornall & 85th	F0599	201809	(1,753.50)	6.5	0.0014833	(16.91)	(31.21)
376100-Mains - Steel	801101	Repl 7526F 2P Big Blue Battle Ph 1B	F0599	201809	(9,655.30)	6.5	0.0014833	(93.09)	(171.86)
376100-Mains - Steel	801142	Repl 4205F 6S Sarcosine Phase 3	F0572	201809	(8,574.93)	6.5	0.0014833	(82.68)	(152.63)
376100-Mains - Steel	801626	Repl 1592F 2P 40th & Kensington	F0599	201809	(1,156.15)	6.5	0.0014833	(11.15)	(20.58)
376100-Mains - Steel	801731	Repl 580F 2P Blue Pkwy & Elwyn Rd	F0599	201809	(4,783.65)	6.5	0.0014833	(46.12)	(85.15)
376100-Mains - Steel	802024	Repl 5F 4P 33rd & Grand Phase 1B	F0604	201809	(7,319.61)	6.5	0.0014833	(70.57)	(130.29)
376100-Mains - Steel	802085	Aband 235F 2-4P Clark Ave & Holden	F0604	201809	(3,600.52)	6.5	0.0014833	(34.71)	(64.09)
376100-Mains - Steel	801862	Repl 6550F 2-4-12P E 57th to E 50th	F0604	201810	(65,490.98)	5.5	0.0014833	(534.30)	(1,165.74)
376100-Mains - Steel	800639	Repl w 5742F 2-4P East Downtwn Ph 2	F0604	201810	(7,216.85)	6.5	0.0014833	(58.88)	(128.46)
376100-Mains - Steel	801873	Repl 2175F 2-4P CP at Canterbury	F0572	201810	(5,016.11)	5.5	0.0014833	(40.92)	(89.29)
376100-Mains - Steel	802003	Repl 1510F 2-4P Walnut & Willis	F0604	201810	(2,304.70)	5.5	0.0014833	(18.80)	(41.02)
376100-Mains - Steel	801323	Repl 2814F 2-4-8P WalnutNolandCrane	F0604	201810	(1,972.19)	5.5	0.0014833	(16.09)	(35.10)
376100-Mains - Steel	800613	Repl w 2490F 2-4P Marionville Ph F	F0572	201810	(1,621.75)	5.5	0.0014833	(13.23)	(26.87)
376100-Mains - Steel	801710	Repl 1390F 4P 56th -Summit/Wornall	F0599	201810	(685.66)	5.5	0.0014833	(5.59)	(12.20)
376100-Mains - Steel	800795	Repl w 6405F 2-4P Dunn Park W of 71	F0599	201810	(460.96)	5.5	0.0014833	(3.76)	(8.21)
376100-Mains - Steel	801250	Repl 4805F 2-4P Carthage Area Ph 2A	F0572	201811	(14,664.41)	4.5	0.0014833	(97.88)	(261.03)
376100-Mains - Steel	800126	Repl 3260F 2-4P Liberty Phase 1	F0599	201811	(6,973.31)	4.5	0.0014833	(46.55)	(124.12)
376100-Mains - Steel	800282	Repl w 3883F 2-4P Webb City Ph 2G	F0572	201811	(6,272.28)	4.5	0.0014833	(41.87)	(111.65)
376100-Mains - Steel	801815	Repl 2650F 2-4P Cherry & Noland Rd	F0604	201811	(5,633.55)	4.5	0.0014833	(37.60)	(100.28)
376100-Mains - Steel	801300	Repl 3615F 2P Northern & Ralston	F0604	201811	(4,686.84)	4.5	0.0014833	(31.28)	(83.43)
376100-Mains - Steel	801063	Repl 430F 4P 27th & McGee	F0599	201811	(673.85)	4.5	0.0014833	(4.50)	(11.99)
376100-Mains - Steel	801102	Repl 6019F 2-4P Big Blue BF Ph 1C	F0599	201811	(638.33)	4.5	0.0014833	(4.26)	(11.36)
376100-Mains - Steel	800501	Repl w 4890F 2P 63rd & 55th	F0599	201811	(444.37)	4.5	0.0014833	(2.97)	(7.91)
Total Retirements - Main Replacements - Steel						(705,550.55)		(7,675.34)	(12,558.75)
376200-Mains - Cast Iron	800147	Repl w 6372F 2-6P 71 & Gregory PhG	F0599	201807	(9,734.66)	8.5	0.0014833	(122.74)	(173.28)
376200-Mains - Cast Iron	800149	Repl w 4561F 2-6P Hwy 71 & Gregory-I	F0599	201807	(5,482.97)	8.5	0.0014833	(69.13)	(97.60)
376200-Mains - Cast Iron	800463	Repl w 2144F 2-4-6-8P 13 & Virginia	F0599	201807	(910.57)	8.5	0.0014833	(11.48)	(16.21)
376200-Mains - Cast Iron	800500	Repl w 6805F 2-4P 63rd & 55th St 1E	F0599	201807	(3,165.04)	8.5	0.0014833	(39.91)	(56.34)
376200-Mains - Cast Iron	800921	Repl 1448F 2-4P Benton & 55th	F0599	201807	(1,692.90)	8.5	0.0014833	(21.34)	(30.13)
376200-Mains - Cast Iron	800924	Aband 992F 4&6CI 54th & Ter	F0599	201807	(2,573.76)	8.5	0.0014833	(32.45)	(45.81)
376200-Mains - Cast Iron	801269	Repl 300F 4P Independence/Chestnut	F0599	201807	(38.57)	8.5	0.0014833	(0.49)	(0.69)
376200-Mains - Cast Iron	801297	Repl 380F 2P Cherry and Gillham Rd	F0599	201807	(194.22)	8.5	0.0014833	(2.45)	(3.46)
376200-Mains - Cast Iron	801712	Repl 1450F 2-4P Walnut-51 Ter/51 St	F0599	201807	(84.70)	8.5	0.0014833	(1.07)	(1.51)
376200-Mains - Cast Iron	801834	Repl 881F 4P 29th & Cleveland AOR	F0599	201807	(659.06)	8.5	0.0014833	(7.05)	(9.95)
376200-Mains - Cast Iron	800686	Repl w 50F 4P - 805 Bales Ct	F0599	201808	(64.17)	7.5	0.0014833	(0.71)	(1.14)
376200-Mains - Cast Iron	801844	Repl 700F 2P 63rd & Baltimore	F0599	201808	(67.85)	7.5	0.0014833	(0.75)	(1.21)
376200-Mains - Cast Iron	800502	Repl w 5965F 2-4-6P 63rd & 55th St	F0599	201809	(1,394.91)	6.5	0.0014833	(13.45)	(24.83)
376200-Mains - Cast Iron	800626	Repl 8693F 2-4-6P 57th & Bales IUI	F0599	201809	(11,179.02)	6.5	0.0014833	(107.79)	(198.99)
376200-Mains - Cast Iron	800627	Repl 40F 4P AOR 2026 48th Ter	F0599	201809	(4.96)	6.5	0.0014833	(0.05)	(0.09)
376200-Mains - Cast Iron	800800	Repl w 10745F 2-4P Dunn Park Hwy 71	F0599	201809	(16,346.15)	6.5	0.0014833	(157.60)	(290.96)
376200-Mains - Cast Iron	800971	Repl 2143F 2P Wornall & 85th	F0599	201809	(7,503.93)	6.5	0.0014833	(72.35)	(135.57)
376200-Mains - Cast Iron	801101	Repl 7526F 2P Big Blue Battle Ph 1B	F0599	201809	(10,081.46)	6.5	0.0014833	(97.20)	(179.45)
376200-Mains - Cast Iron	801626	Repl 1592F 2P 40th & Kensington	F0599	201809	(1,561.61)	6.5	0.0014833	(15.06)	(27.80)
376200-Mains - Cast Iron	800795	Repl w 6405F 2-4P Dunn Park W of 71	F0599	201810	(6,062.94)	5.5	0.0014833	(49.46)	(107.92)
376200-Mains - Cast Iron	801323	Repl 2814F 2-4-8P WalnutNolandCrane	F0604	201810	(4,263.00)	5.5	0.0014833	(34.78)	(75.88)
376200-Mains - Cast Iron	801102	Repl 6019F 2-4P Big Blue BF Ph 1C	F0599	201811	(17,685.88)	4.5	0.0014833	(118.05)	(314.81)
376200-Mains - Cast Iron	800501	Repl w 4890F 2P 63rd & 55th	F0599	201811	(6,650.62)	4.5	0.0014833	(44.39)	(118.38)
376200-Mains - Cast Iron	801063	Repl 430F 4P 27th & McGee	F0599	201811	(508.82)	4.5	0.0014833	(3.40)	(9.06)
376200-Mains - Cast Iron	800899	Repl w 175F 2P 2722 Raytown Rd	F0599	201811	(299.05)	4.5	0.0014833	(2.00)	(5.32)
Total Retirements - Main Replacement - Cast Iron						(108,110.82)		(1,025.14)	(1,924.39)
376300-Mains - Plastic	800147	Repl w 6372F 2-6P 71 & Gregory PhG	F0599	201807	(5,879.35)	8.5	0.0014833	(74.13)	(104.65)
376300-Mains - Plastic	800149	Repl w 4561F 2-6P Hwy 71 & Gregory-I	F0599	201807	(6,244.62)	8.5	0.0014833	(78.73)	(111.15)
376300-Mains - Plastic	800463	Repl w 2144F 2-4-6-8P 13 & Virginia	F0599	201807	(106.81)	8.5	0.0014833	(1.35)	(1.90)
376300-Mains - Plastic	800489	Repl w 4716F 6P East Downtown Ph1	F0604	201807	(26,864.42)	8.5	0.0014833	(338.71)	(478.19)
376300-Mains - Plastic	800500	Repl w 6805F 2-4P 63rd & 55th St 1E	F0599	201807	(272.88)	8.5	0.0014833	(3.44)	(4.86)
376300-Mains - Plastic	800578	Repl w 2920F 2-4P Neosho C-0002	F0572	201807	(7,993.31)	8.5	0.0014833	(100.78)	(142.28)
376300-Mains - Plastic	800720	Repl w 4138F 2-4P Hwy 71 Gregory-M	F0599	201807	(1,592.67)	8.5	0.0014833	(20.08)	(28.35)
376300-Mains - Plastic	800721	Repl 5540F 2-4P Hwy71 /Gregory Ph N	F0599	201807	(487.19)	8.5	0.0014833	(6.14)	(8.67)
376300-Mains - Plastic	800722	Repl 3015F 2-4P Hwy71 /Gregory Ph O	F0599	201807	(299.19)	8.5	0.0014833	(3.77)	(5.33)
376300-Mains - Plastic	800761	Repl 9898F 2-4P Concordia Phase D	F0604	201807	(19,062.53)	8.5	0.0014833	(240.35)	(339.31)
376300-Mains - Plastic	801057	Repl w 8235F 2-6P Neosho C-001	F0572	201807	(4,084.01)	8.5	0.0014833	(51.49)	(72.70)
376300-Mains - Plastic	801299	Repl 5945F 2P 32nd St & Shady Bend	F0604	201807	(16,771.67)	8.5	0.0014833	(211.46)	(298.54)
376300-Mains - Plastic	801378	Repl 8810F 2-4P Waverly MO Phase 3	F0604	201807	(339.69)	8.5	0.0014833	(4.28)	(6.05)
376300-Mains - Plastic	801528	Repl 2180F 2-4P Empire 5th to 8th	F0572	201807	(4,869.64)	8.5	0.0014833	(61.40)	(86.68)
376300-Mains - Plastic	801627	Repl 1295F 2-3-4P Leaks on Fairview	F0572	201807	(619.36)	8.5	0.0014833	(10.33)	(14.58)
376300-Mains - Plastic	801712	Repl 1450F 2-4P Walnut-51 Ter/51 St	F0599	201807	(1,872.26)	8.5	0.0014833	(23.61)	(33.33)
376300-Mains - Plastic	801834	Repl 881F 4P 29th & Cleveland AOR	F0599	201807	(295.07)	8.5	0.0014833	(3.59)	(5.07)
376300-Mains - Plastic	801875	Repl 2121F 2-4P Harris Ave & Truman	F0604	201807	(51.83)	8.5	0.0014833	(0.65)	(0.92)
376300-Mains - Plastic	800093	Repl 3111F 2-4-6P Belton Phase 1C	F0604	201808	(21,660.33)	7.5	0.0014833	(240.97)	(385.55)
376300-Mains - Plastic	800280	Repl w 2932F 2-4P Webb City Ph2E	F0572	201808	(6,124.48)	7.5	0.0014833	(68.13)	(109.02)
376300-Mains - Plastic	800281	Repl w 3357F 2-4P WebbCity Phase 2F	F0572	201808	(4,394.98)	7.5	0.0014833	(48.89)	(78.23)
376300-Mains - Plastic	800413	Repl w 8139F Purcell Ph 1C	F0572	201808	(4,600.08)	7.5	0.0014833	(51.18)	(81.88)
376300-Mains - Plastic	800672	Repl 5280F 2P Neosho Phase 1 L	F0572	201808	(112.26)	7.5	0.0014833	(1.25)	(2.00)
376300-Mains - Plastic	800762	Repl 7093F 2-4P Concordia Phase E	F0604	201808	(5,109.37)	7.5	0.0014833	(56.84)	(90.95)
376300-Mains - Plastic	800940	Repl w 2220F 2P Claremont & 25th	F0604	201808	(7,436.87)	7.5	0.0014833	(82.73)	(132.38)
376300-Mains - Plastic	801220	Repl 11975F 2-4P Sheley & E33rd Ter	F0604	201808	(109,807.94)	7.5	0.0014833	(1,221.61)	(1,954.58)
376300-Mains - Plastic	801428	Repl 1530F 2-4P S Pearl & E Angus	F0604	201808	(5,104.29)	7.5	0.0014833	(56.79)	(90.86)
376300-Mains - Plastic	801472	Repl 14655F 2-4P Vto S 23rd to 27th	F0604	201808	(28,979.66)	7.5	0.0014833	(322.39)	(515.83)
376300-Mains - Plastic	801909	Repl 4180F 2-4P Pittman and 38th St	F0599	201808	(886.02)	7.5	0.0014833	(9.86)	(15.77)
376300-Mains - Plastic	800128	Repl 1827F 2-4P Liberty Phase J	F0599	201809	(13,869.69)	6.5	0.0014833	(133.73)	(246.88)

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SPIRE - MISSOURI WEST
ISRS Work Order Retirements Jul 18-Jan 19

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376300-Mains - Plastic	801873	Repl 2175F 2-4P CP at Canterbury	F0572	201810	(1,133.61)	5.5	0.00148333	(9.25)	(20.18)
376300-Mains - Plastic	800660	Repl 3680F 2-4P LibertyGrid Phase N	F0599	201810	(16.03)	5.5	0.00148333	(0.13)	(0.29)
376300-Mains - Plastic	801102	Repl 6019F 2-4P Big Blue BF Ph 1C	F0599	201811	(8,461.58)	4.5	0.00148333	(66.48)	(150.62)
376300-Mains - Plastic	800126	Repl 3260F 2-4P Liberty Phase 1	F0599	201811	(7,458.51)	4.5	0.00148333	(49.79)	(132.76)
376300-Mains - Plastic	801250	Repl 4805F 2-4P Carthage Area Ph 2A	F0572	201811	(2,985.65)	4.5	0.00148333	(19.93)	(53.14)
376300-Mains - Plastic	801815	Repl 2650F 2-4P Cherry & Noland Rd	F0604	201811	(2,751.46)	4.5	0.00148333	(18.37)	(48.98)
376300-Mains - Plastic	800282	Repl w 3883F 2-4P Webb City Ph 2G	F0572	201811	(2,254.70)	4.5	0.00148333	(15.05)	(40.13)
376300-Mains - Plastic	801300	Repl 3615F 2P Northern & Ralston	F0604	201811	(997.75)	4.5	0.00148333	(6.66)	(17.76)
376300-Mains - Plastic	801063	Repl 430F 4P 27th & McGee	F0599	201811	(767.84)	4.5	0.00148333	(5.13)	(13.67)
376300-Mains - Plastic	800761	Repl 9898F 2-4P Concordia Phase D	F0604	201811	(634.16)	4.5	0.00148333	(4.23)	(11.29)
376300-Mains - Plastic	801528	Repl 2180F 2-4P Empire 5th to 8th	F0572	201811	(79.13)	4.5	0.00148333	(0.53)	(1.41)
Total Retirements - Main Replacement - Plastic						(512,351.81)		(5,377.59)	(9,119.85)
Service Line Retirements - Steel									
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201807	(16,103.69)	8.5	0.00223333	(305.70)	(431.58)
380100-Services - Steel	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201807	(155.09)	8.5	0.00223333	(2.94)	(1.18)
380100-Services - Steel	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201807	(43.90)	8.5	0.00223333	(0.83)	(1.18)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201807	(192.28)	8.5	0.00223333	(3.65)	(5.15)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201807	(129.43)	8.5	0.00223333	(2.46)	(3.47)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201807	(23.74)	8.5	0.00223333	(0.45)	(0.64)
380100-Services - Steel	800147	Repl w 6372F 2-6P 71 & Gregory Ph G	F0599	201807	(714.76)	8.5	0.00223333	(13.57)	(19.16)
380100-Services - Steel	800149	Repl w 4561F 2-6P Hwy 71 & Gregory-L	F0599	201807	(1,404.51)	8.5	0.00223333	(26.66)	(37.64)
380100-Services - Steel	800463	Repl w 2144F 2-4-6P 13 & Virginia	F0599	201807	(74.45)	8.5	0.00223333	(1.41)	(2.00)
380100-Services - Steel	800489	Repl w 4716F 6P East Downtown Ph1	F0604	201807	(9.56)	8.5	0.00223333	(0.18)	(0.26)
380100-Services - Steel	800500	Repl w 6805F 2-4P 63rd & 55th St 1E	F0599	201807	(2,305.92)	8.5	0.00223333	(43.77)	(61.80)
380100-Services - Steel	800578	Repl w 2920F 2-4P Neosho C-0002	F0572	201807	(14.29)	8.5	0.00223333	(0.27)	(0.38)
380100-Services - Steel	800720	Repl w 4138F 2-4P Hwy 71 Gregory-M	F0599	201807	(2,567.49)	8.5	0.00223333	(48.74)	(68.81)
380100-Services - Steel	800721	Repl 5540F 2-4P Hwy71 /Gregory Ph N	F0599	201807	(137.03)	8.5	0.00223333	(2.60)	(3.67)
380100-Services - Steel	800722	Repl 3015F 2-4P Hwy71 /Gregory Ph O	F0599	201807	(31.59)	8.5	0.00223333	(0.60)	(0.85)
380100-Services - Steel	800761	Repl 9898F 2-4P Concordia Phase D	F0604	201807	(285.93)	8.5	0.00223333	(5.43)	(7.66)
380100-Services - Steel	800794	Inst 5455F 12P Header Dunn Park&71	F0599	201807	(1,034.22)	8.5	0.00223333	(19.63)	(27.72)
380100-Services - Steel	800921	Repl 1448F 2-4P Benton & 55th	F0599	201807	(450.88)	8.5	0.00223333	(8.56)	(12.08)
380100-Services - Steel	800924	Aband 992F 4&6CI 54th & Ter	F0599	201807	(153.53)	8.5	0.00223333	(2.91)	(4.11)
380100-Services - Steel	800970	Reloc 1975F 2-6P Wornall & 85th Ph8	F0547	201807	(61.12)	8.5	0.00223333	(1.16)	(1.64)
380100-Services - Steel	801269	Repl 300F 4P Independence/Chestnut	F0599	201807	(89.43)	8.5	0.00223333	(1.70)	(2.40)
380100-Services - Steel	801297	Repl 380F 2P Cherry and Gillham Rd	F0599	201807	(61.46)	8.5	0.00223333	(1.17)	(1.65)
380100-Services - Steel	801299	Repl 5945F 2P 32nd St & Shady Bend	F0604	201807	(5,202.33)	8.5	0.00223333	(98.76)	(139.42)
380100-Services - Steel	801378	Repl 8810F 2-4P Waverly MO Phase 3	F0604	201807	(31.52)	8.5	0.00223333	(0.60)	(0.84)
380100-Services - Steel	801528	Repl 2180F 2-4P Empire 5th to 8th	F0572	201807	(64.25)	8.5	0.00223333	(1.22)	(1.72)
380100-Services - Steel	801712	Repl 1450F 2-4P Walnut&51 Ter&51 St	F0599	201807	(132.59)	8.5	0.00223333	(2.52)	(3.55)
380100-Services - Steel	801733	Reloc 5310F 2-4-6P Chrysler&70 MODOT	F0578	201807	(928.34)	8.5	0.00223333	(17.62)	(24.88)
380100-Services - Steel	801875	Repl 2121F 2-4P Harris Ave & Truman	F0604	201807	(10.74)	8.5	0.00223333	(0.20)	(0.29)
380100-Services - Steel	802002	Repl 1215F 2P Maywood Ave	F0604	201807	(399.15)	8.5	0.00223333	(7.58)	(10.70)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201808	(27,248.92)	7.5	0.00223333	(456.42)	(730.27)
380100-Services - Steel	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201808	(153.60)	7.5	0.00223333	(2.57)	(4.12)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201808	(327.22)	7.5	0.00223333	(5.48)	(8.77)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201808	(126.97)	7.5	0.00223333	(2.13)	(3.40)
380100-Services - Steel	800923	Repl 3111F 2-4-6P Belton Phase 1C	F0604	201808	(4.66)	7.5	0.00223333	(0.08)	(0.12)
380100-Services - Steel	800280	Repl w 2932F 2-4P Webb City Ph2E	F0572	201808	(130.67)	7.5	0.00223333	(2.19)	(3.50)
380100-Services - Steel	800281	Repl w 3357F 2-4P WebbCity Phase 2F	F0572	201808	(22.04)	7.5	0.00223333	(0.37)	(0.59)
380100-Services - Steel	800672	Repl 5280F 2P Neosho Phase 1 L	F0572	201808	(2,877.04)	7.5	0.00223333	(48.19)	(77.10)
380100-Services - Steel	800762	Repl 7093F 2-4P Concordia Phase E	F0604	201808	(776.09)	7.5	0.00223333	(13.00)	(20.80)
380100-Services - Steel	800796	Repl 5325F 2-4-6-12P Dunn Park Ph1D	F0599	201808	(391.76)	7.5	0.00223333	(6.56)	(10.50)
380100-Services - Steel	800940	Repl w 2220F 2P Claremont & 25th	F0604	201808	(1,524.33)	7.5	0.00223333	(25.53)	(40.85)
380100-Services - Steel	801191	Reloc 1130F 4P TX/AZ 20th to 22nd	F0664	201808	(3.00)	7.5	0.00223333	(0.05)	(0.08)
380100-Services - Steel	801220	Repl 11975F 2-4P Shaley & E33rd Ter	F0604	201808	(112.68)	7.5	0.00223333	(1.89)	(3.02)
380100-Services - Steel	801407	Reloc 1270F 4P Pleasant Valley Ph 4	F0547	201808	(73.00)	7.5	0.00223333	(1.22)	(1.96)
380100-Services - Steel	801472	Repl 14655F 2-4P VtoS 23rd to 27th	F0604	201808	(430.25)	7.5	0.00223333	(7.21)	(11.53)
380100-Services - Steel	801844	Repl 700F 2P 63rd & Baltimore	F0599	201808	(133.47)	7.5	0.00223333	(2.24)	(3.58)
380100-Services - Steel	801909	Repl 4180F 2-4P Pittman and 38th St	F0599	201808	(526.62)	7.5	0.00223333	(8.82)	(14.11)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201809	(13,362.68)	6.5	0.00223333	(194.27)	(358.66)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201809	(326.48)	6.5	0.00223333	(4.74)	(8.75)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201809	(7.44)	6.5	0.00223333	(0.11)	(0.20)
380100-Services - Steel	800432	Repl w 11324F 2-4P Marlborough Ph 2	F0599	201809	(844.48)	6.5	0.00223333	(12.26)	(22.63)
380100-Services - Steel	800502	Repl w 5965F 2-4-6P 63rd & 55th St	F0599	201809	(3,230.66)	6.5	0.00223333	(46.90)	(86.58)
380100-Services - Steel	800626	Repl 9893F 2-4-6P 57th & Bales IUI	F0599	201809	(1,729.10)	6.5	0.00223333	(25.10)	(46.34)
380100-Services - Steel	800658	Repl 1820F 2P Liberty Grid Phase L	F0599	201809	(0.83)	6.5	0.00223333	(0.01)	(0.02)
380100-Services - Steel	800800	Repl w 10745F 2-4P Dunn Park Hwy 71	F0599	201809	(668.41)	6.5	0.00223333	(9.70)	(17.91)
380100-Services - Steel	800961	Reloc 6883F 2-6P Wornall & 85th Ph3	F0547	201809	(1,275.81)	6.5	0.00223333	(18.52)	(34.19)
380100-Services - Steel	800966	Reloc 1859F 4-6P Wornall & 85th Ph4	F0547	201809	(259.54)	6.5	0.00223333	(3.77)	(6.96)
380100-Services - Steel	800968	Reloc 2942F 2-4-6P Wornall 85th Ph6	F0547	201809	(545.26)	6.5	0.00223333	(7.92)	(14.61)
380100-Services - Steel	800971	Repl 2143F 2P Wornall & 85th	F0599	201809	(115.10)	6.5	0.00223333	(1.67)	(3.08)
380100-Services - Steel	801089	Repl 5415F 2-4-6P Big Blue BF Ph 1A	F0599	201809	(1,873.69)	6.5	0.00223333	(27.20)	(50.21)
380100-Services - Steel	801101	Repl 7526F 2P Big Blue Battle Ph 1B	F0599	201809	(4,937.80)	6.5	0.00223333	(71.68)	(132.33)
380100-Services - Steel	801626	Repl 1592F 2P 40th & Kensington	F0599	201809	(60.78)	6.5	0.00223333	(0.88)	(1.63)
380100-Services - Steel	801861	Reloc 1240F 2-4P Highview & Florida	F0664	201809	(61.16)	6.5	0.00223333	(0.89)	(1.64)
380100-Services - Steel	802024	Repl 5F 4P 33rd & Grand Phase 1B	F0604	201809	(84.29)	6.5	0.00223333	(1.22)	(2.26)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201810	(8,306.79)	5.5	0.00223333	(102.03)	(222.62)
380100-Services - Steel	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201810	(3,692.91)	5.5	0.00223333	(45.36)	(98.97)
380100-Services - Steel	800586	Repl w 8935F 2P Marlborough Ph5	F0547	201810	(2,113.73)	5.5	0.00223333	(25.96)	(56.65)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201810	(1,245.52)	5.5	0.00223333	(15.30)	(33.38)
380100-Services - Steel	801894	Reloc 3229F 2-4-6P Wornall 85th&9th	F0547	201810	(837.31)	5.5	0.00223333	(10.26)	(22.44)
380100-Services - Steel	800795	Repl w 6405F 2-4P Dunn Park W of 71	F0599	201810	(826.86)	5.5	0.00223333	(10.16)	(22.16)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201810	(565.77)	5.5	0.00223333	(6.95)	(15.16)
380100-Services - Steel	801862	Repl 6550F 2-4-12P E 57th to E 50th	F0604	201810	(346.31)	5.5	0.00223333	(4.25)	(9.28)
380100-Services - Steel	801873	Repl 2175F 2-4P CP at Canterbury	F0572	201810	(154.38)	5.5	0.00223333	(1.90)	(4.14)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201810	(105.08)	5.5	0.00223333	(1.29)	(2.82)
380100-Services - Steel	800660	Repl 3680F 2-4P LibertyGrid Phase N	F0599	201810	(100.33)	5.5	0.00223333	(1.23)	(2.69)
380100-Services - Steel	800639	Repl w 5742F 2-4P East Downtwn Ph 2	F0604	201810	(11.77)	5.5			

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Retirements Oct17 - Jun18
Appendix A - Schedule 3

SPIRE - MISSOURI WEST
ISRS Work Order Retirements Jul 18-Jan 19

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201807	(28,606.43)	8.5	0.0022333	(543.04)	(766.65)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201807	(13,599.47)	8.5	0.0022333	(258.16)	(364.47)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201807	(37,265.09)	8.5	0.0022333	(707.41)	(998.70)
380200-Services - Plastic & Copper	800147	Repl w 6372F 2-6P 71 & Gregory PhG	F0599	201807	(20,244.32)	8.5	0.0022333	(384.30)	(542.56)
380200-Services - Plastic & Copper	800149	Repl w 4561F 2-4-6P Hwy 71 & Gregory-I	F0599	201807	(12,537.68)	8.5	0.0022333	(238.01)	(336.01)
380200-Services - Plastic & Copper	800463	Repl w 2144F 2-4-6-8P 13 & Virginia	F0599	201807	(707.69)	8.5	0.0022333	(13.43)	(18.97)
380200-Services - Plastic & Copper	800489	Repl w 4716F 6P East Downtown Ph1	F0604	201807	(11,154.28)	8.5	0.0022333	(211.75)	(298.93)
380200-Services - Plastic & Copper	800500	Repl w 6805F 2-4P 63rd & 55th St 1E	F0599	201807	(21,603.25)	8.5	0.0022333	(410.10)	(578.97)
380200-Services - Plastic & Copper	800553	Rel w/ 812F P Marlborough WestPh3	F0547	201807	(792.86)	8.5	0.0022333	(15.05)	(21.25)
380200-Services - Plastic & Copper	800578	Repl w/ 2920F 2-4P Neosho C-0002	F0572	201807	(3,918.27)	8.5	0.0022333	(74.38)	(105.01)
380200-Services - Plastic & Copper	800720	Repl w 4138F 2-4P Hwy 71 Gregory-M	F0599	201807	(3,740.85)	8.5	0.0022333	(71.01)	(100.25)
380200-Services - Plastic & Copper	800721	Repl 5540F 2-4P Hwy71 /Gregory Ph N	F0599	201807	(18,425.52)	8.5	0.0022333	(349.79)	(498.80)
380200-Services - Plastic & Copper	800722	Repl 3015F 2-4P Hwy71 /Gregory Ph O	F0599	201807	(5,609.84)	8.5	0.0022333	(106.49)	(150.34)
380200-Services - Plastic & Copper	800761	Repl 9898F 2-4P Concordia Phase D	F0604	201807	(15,584.98)	8.5	0.0022333	(295.85)	(417.68)
380200-Services - Plastic & Copper	800794	Inst 5455F 12P Header Dunn Park&71	F0599	201807	(3,492.90)	8.5	0.0022333	(66.31)	(93.61)
380200-Services - Plastic & Copper	800921	Repl 1448F 2-4P Benton & 55th	F0599	201807	(2,736.37)	8.5	0.0022333	(51.95)	(73.33)
380200-Services - Plastic & Copper	800924	Aband 992F 4&6C1 54th & Ter	F0599	201807	(6,823.05)	8.5	0.0022333	(129.52)	(182.86)
380200-Services - Plastic & Copper	800970	Reloc 1975F 2-6P Wornall & 85th Ph8	F0547	201807	(6,468.08)	8.5	0.0022333	(122.79)	(173.34)
380200-Services - Plastic & Copper	801080	Reloc 2127F 2-4-6P Pleasant Val Ph2	F0547	201807	(2,250.67)	8.5	0.0022333	(42.73)	(60.32)
380200-Services - Plastic & Copper	801269	Repl 300F 4P Independence/Chestnut	F0599	201807	(375.41)	8.5	0.0022333	(7.13)	(10.06)
380200-Services - Plastic & Copper	801297	Repl 380F 2P Cherry and Gillham Rd	F0599	201807	(1,402.46)	8.5	0.0022333	(26.62)	(37.59)
380200-Services - Plastic & Copper	801299	Repl 5945F 2P 32nd St & Shady Bend	F0604	201807	(6,507.28)	8.5	0.0022333	(123.53)	(174.39)
380200-Services - Plastic & Copper	801360	Aband 891F 6S 1803 NE 60th Terr	F0599	201807	(1,283.27)	8.5	0.0022333	(24.36)	(34.39)
380200-Services - Plastic & Copper	801378	Repl 8810F 2-4P Waverly MO Phase 3	F0604	201807	(10,459.62)	8.5	0.0022333	(198.56)	(280.32)
380200-Services - Plastic & Copper	801528	Repl 2180F 2-4P Empire 5th to 8th	F0572	201807	(5,391.45)	8.5	0.0022333	(102.35)	(144.49)
380200-Services - Plastic & Copper	801580	Reloc 1075F 4P 19th & Norwood	F0578	201807	(1,436.02)	8.5	0.0022333	(27.26)	(38.49)
380200-Services - Plastic & Copper	801627	Repl 1295F 2-3-4P Leaks on Fairview	F0572	201807	(2,474.05)	8.5	0.0022333	(46.97)	(66.30)
380200-Services - Plastic & Copper	801712	Repl 1450F 2-4P Walnut-51 Ter/51 St	F0599	201807	(6,295.62)	8.5	0.0022333	(119.51)	(168.72)
380200-Services - Plastic & Copper	801733	Reloc 5310F 2-4-6P Crysler&70 MODOT	F0578	201807	(6,731.26)	8.5	0.0022333	(165.75)	(234.00)
380200-Services - Plastic & Copper	801834	Repl 881F 4P 29th & Cleveland AOR	F0599	201807	(644.97)	8.5	0.0022333	(12.24)	(17.29)
380200-Services - Plastic & Copper	801875	Repl 2121F 2-4P Harris Ave & Truman	F0604	201807	(3,059.16)	8.5	0.0022333	(58.07)	(81.99)
380200-Services - Plastic & Copper	801925	Reloc 1735F 2-4P&45 N Main-8th/10th	F0578	201807	(1,214.99)	8.5	0.0022333	(23.06)	(32.56)
380200-Services - Plastic & Copper	802000	Reloc 590F 2P 10418 Truman Rd	F0578	201807	(3,458.96)	8.5	0.0022333	(65.66)	(92.70)
380200-Services - Plastic & Copper	802002	Repl 1215F 2P Maywood Ave	F0604	201807	(5,860.39)	8.5	0.0022333	(111.25)	(157.96)
380200-Services - Plastic & Copper	004152	BWO-Rep/ Svc w/ Pts (North Reg)	F0608	201808	(7,671.85)	7.5	0.0022333	(131.85)	(210.97)
380200-Services - Plastic & Copper	004153	BWO-Rep/ Svc w/ Pts (South Reg)	F0513	201808	(420.58)	7.5	0.0022333	(7.04)	(11.27)
380200-Services - Plastic & Copper	004501	BWO-Rep/ Svc w/ Pts (SW Reg)	F0659	201808	(693.49)	7.5	0.0022333	(9.94)	(15.91)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201808	(26,896.88)	7.5	0.0022333	(450.35)	(720.57)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201808	(12,715.87)	7.5	0.0022333	(212.99)	(340.78)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201808	(48,627.62)	7.5	0.0022333	(814.51)	(1,303.22)
380200-Services - Plastic & Copper	800933	Repl 3111F 2-4-6P Belton Phase 1C	F0604	201808	(5,726.09)	7.5	0.0022333	(95.91)	(153.46)
380200-Services - Plastic & Copper	800280	Repl w 2932F 2-4P Webb City Ph2E	F0572	201808	(4,263.49)	7.5	0.0022333	(71.41)	(114.28)
380200-Services - Plastic & Copper	800281	Repl w 3357F 2-4P WebbCity Phase 2F	F0572	201808	(72,439.35)	7.5	0.0022333	(1,213.36)	(1,941.37)
380200-Services - Plastic & Copper	800413	Repl w/ 8139F Purcell Ph 1C	F0572	201808	(21,770.16)	7.5	0.0022333	(364.65)	(583.44)
380200-Services - Plastic & Copper	800672	Repl 5280F 2P Neosho Phase 1 L	F0572	201808	(4,970.45)	7.5	0.0022333	(83.25)	(133.21)
380200-Services - Plastic & Copper	800686	Repl w 50F 4P - 805 Bales Ct	F0599	201808	(1,042.74)	7.5	0.0022333	(17.47)	(27.95)
380200-Services - Plastic & Copper	800762	Repl 7093F 2-4P Concordia Phase E	F0604	201808	(14,788.85)	7.5	0.0022333	(247.71)	(396.34)
380200-Services - Plastic & Copper	800796	Repl 5325F 2-4-6-12P Dunn Park Ph1D	F0599	201808	(484.69)	7.5	0.0022333	(8.12)	(12.99)
380200-Services - Plastic & Copper	800853	Repl 285F 2P Byers Joplin	F0572	201808	(975.23)	7.5	0.0022333	(16.34)	(26.14)
380200-Services - Plastic & Copper	800940	Repl w 2220F 2P Claremont & 25th	F0604	201808	(3,162.85)	7.5	0.0022333	(52.98)	(84.76)
380200-Services - Plastic & Copper	801191	Reloc 1130F 4P TX/AZ 20th to 22nd	F0664	201808	(26,845.86)	7.5	0.0022333	(449.67)	(719.47)
380200-Services - Plastic & Copper	801220	Repl 11975F 2-4P Shaley & E33rd Ter	F0604	201808	(14,373.02)	7.5	0.0022333	(240.75)	(385.20)
380200-Services - Plastic & Copper	801386	Reloc 1892F 2-6P 15th & Delaware	F0664	201808	(13,840.02)	7.5	0.0022333	(231.82)	(370.91)
380200-Services - Plastic & Copper	801407	Reloc 1270F 4P Pleasant Valley Ph 4	F0547	201808	(69.74)	7.5	0.0022333	(1.17)	(1.87)
380200-Services - Plastic & Copper	801428	Repl 1530F 2-4P S Pearl & E Angus	F0604	201808	(3,991.40)	7.5	0.0022333	(66.86)	(106.97)
380200-Services - Plastic & Copper	801472	Repl 14655F 2-4P VtoS 23rd to 27th	F0604	201808	(48,698.69)	7.5	0.0022333	(815.70)	(1,305.12)
380200-Services - Plastic & Copper	801527	Repl 1885F 2-4P McConnell Av to 7th	F0572	201808	(4,024.49)	7.5	0.0022333	(67.41)	(107.86)
380200-Services - Plastic & Copper	801743	Reloc 270F 4P W 23rd & S McCoy Ave	F0664	201808	(2,892.13)	7.5	0.0022333	(48.44)	(77.51)
380200-Services - Plastic & Copper	801844	Repl 700F 2P 63rd & Baltimore	F0599	201808	(2,392.32)	7.5	0.0022333	(40.97)	(64.72)
380200-Services - Plastic & Copper	801902	Repl 110F 4P 42nd St Trinity Woods	F0572	201808	(785.44)	7.5	0.0022333	(13.16)	(21.05)
380200-Services - Plastic & Copper	801909	Repl 4180F 2-4P Pittman and 38th St	F0599	201808	(2,877.25)	7.5	0.0022333	(49.87)	(79.79)
380200-Services - Plastic & Copper	004152	BWO-Rep/ Svc w/ Pts (North Reg)	F0608	201809	(23,268.92)	6.5	0.0022333	(337.79)	(623.61)
380200-Services - Plastic & Copper	004153	BWO-Rep/ Svc w/ Pts (South Reg)	F0513	201809	(4,483.65)	6.5	0.0022333	(65.09)	(120.16)
380200-Services - Plastic & Copper	004501	BWO-Rep/ Svc w/ Pts (SW Reg)	F0659	201809	(1,922.13)	6.5	0.0022333	(27.90)	(51.51)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201809	(82,892.19)	6.5	0.0022333	(1,203.32)	(2,221.51)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201809	(16,805.74)	6.5	0.0022333	(243.96)	(450.39)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201809	(38,557.24)	6.5	0.0022333	(559.72)	(1,033.33)
380200-Services - Plastic & Copper	800128	Repl 1827F 2-4P Liberty Phase J	F0599	201809	(823.98)	6.5	0.0022333	(11.96)	(22.08)
380200-Services - Plastic & Copper	800133	Repl 5823F 2P Liberty Grid Phase K	F0599	201809	(14,506.40)	6.5	0.0022333	(210.58)	(398.77)
380200-Services - Plastic & Copper	800432	Repl w 11324F 2-4P Marlborough Ph 2	F0599	201809	(32,634.61)	6.5	0.0022333	(473.75)	(874.61)
380200-Services - Plastic & Copper	800502	Repl w 5965F 2-4-6P 63rd & 55th St	F0599	201809	(19,381.61)	6.5	0.0022333	(281.36)	(519.43)
380200-Services - Plastic & Copper	800626	Repl 8693F 2-4-6P 57th & Bales IJL	F0599	201809	(30,637.46)	6.5	0.0022333	(444.75)	(821.08)
380200-Services - Plastic & Copper	800627	Repl 40F 4P AOR 2026 48th Ter	F0599	201809	(39.00)	6.5	0.0022333	(0.57)	(1.05)
380200-Services - Plastic & Copper	800658	Repl 1820F 2P Liberty Grid Phase L	F0599	201809	(6,539.05)	6.5	0.0022333	(94.93)	(175.25)
380200-Services - Plastic & Copper	800659	Repl 8623F 2-4P Liberty Grid PhaseM	F0599	201809	(24,129.64)	6.5	0.0022333	(350.28)	(646.67)
380200-Services - Plastic & Copper	800756	Repl w 1353F 2P Grandview & 115th	F0599	201809	(2,890.02)	6.5	0.0022333	(41.95)	(77.45)
380200-Services - Plastic & Copper	800800	Repl w 10745F 2-4P Dunn Park Hwy 71	F0599	201809	(39,336.72)	6.5	0.0022333	(571.04)	(1,054.22)
380200-Services - Plastic & Copper	800961	Reloc 6883F 2-6P Wornall & 85th Ph3	F0547	201809	(21,367.58)	6.5	0.0022333	(310.19)	(572.65)
380200-Services - Plastic & Copper	800966	Reloc 1859F 4-6P Wornall & 85th Ph4	F0547	201809	(8,819.35)	6.5	0.0022333	(128.03)	(236.36)
380200-Services - Plastic & Copper	800968	Reloc 2942F 2-4-6P Wornall 85th Ph6	F0547	201809	(5,042.15)	6.5	0.0022333	(73.20)	(135.13)
380200-Services - Plastic & Copper	800971	Repl 2143F 2P Wornall & 85th	F0599	201809	(2,528.28)	6.5	0.0022333	(36.70)	(67.76)
380200-Services - Plastic & Copper	801089	Repl 5415F 2-4-6P Big Blue BF Ph 1A	F0599	201809	(7,397.56)	6.5	0.0022333	(107.39)	(198.25)
380200-Services - Plastic & Copper	801101	Repl 7526F 2P Big Blue Battle Ph 1B	F0599	201809	(46,680.93)	6.5	0.0022333	(677.65)	(1,251.05)
380200-Services - Plastic & Copper	801361	Reloc 370F 2P Bennington Widening	F0547	201809	(530.99)	6.5	0.0022333	(7.71)	(14.23)
380200-Services - Plastic & Copper	801626	Repl 1592F 2P 40th & Kensington	F0599	201809	(5,437.37)	6.5	0.0022333	(78.93)	(145.72)
380200-Services - Plastic & Copper	801706	Reloc 1382F 4P Turkey Creek Bridge	F0664	201809	(2,337.18)	6.5	0.0022333	(33.93)	(62.64)
380200-Services - Plastic & Copper	801731	Repl 580F 2P Blue Pkwy & Elywn Rd	F0599	201809	(11,356.51)	6.5	0.0022333	(164.86)	(304.35)
380200-Services - Plastic & Copper	801845	Reloc 1019F 2-4P F4010 Reloc Joplin	F0664	201809	(8,360.37)	6.5	0.0022333	(121.36)	(224.06)
380200-Services - Plastic & Copper	801861	Reloc 1240F 2-4P Highview & Florida	F0664	201809	(1,002.46)	6.5	0.0022333	(14.55)	(26.87)
380200-Services - Plastic & Copper	801901	Reloc 373F 6-8S 39th & Noland Rd	F0578	20180					

Spire Missouri West
ISRS - Case # GO-2019-0116
West Summary Data
Appendix A - Schedule 4

WO Number/Project	Based Off	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
16173326	801365	Emma Grid Replacement - Miller 1B	1	\$224,402.81	\$225,057.99	-0.29%	One service replace that we would change to tie over
17144432	801789	56th and Crescent Rd - IUI	1	\$177,014.69	\$177,218.37	-0.11%	Changed over 1 service from a replacement to a tie-over
14443062	800076	Tipton Grid Phase G (6" FP AB & Uprate) - Miller	1	\$587,197.46	\$587,460.15	-0.04%	Plastic service removed since additional plastic would have to be installed to reach service. In scenario 2 installed 24' of 2" PL so service could be transferred
16702846	801628	AOR - 6th and Cleveland - 6in CI	1	\$51,769.63	\$51,769.63	0.00%	No cost with small amount of plastic service abandonment, all transfers
17607273	801866	CI Breaks - 28th Ter and Oakley	1	\$123,963.00	\$123,963.00	0.00%	No cost with small amount of plastic service abandonment, all transfers
15888610	802332	33rd and Highland - 4in CI Replacement - SPIRE- Stenwall	1	\$82,932.18	\$82,932.18	0.00%	No services been removed. Only PL service was abandoned due to inactivity.
17609139	801886	Coburn Rd 10" Bare Under Creek	1	\$270,891.52	\$270,891.52	0.00%	No services appear to be in use. No services reported in the CRIS WQ Report for this WO.
17612824	801874	Replacement due to Leak at 111 N Turk Joplin - SPIRE - Smith	1	\$130,411.44	\$130,411.44	0.00%	All services have plastic material type and are already given a service transfer cost. One service abandoned plastic footage but it was actually tied over in the job.
16971309	801710	56th St - Summit St to Womali Rd - BS Mandated Sec 7- IUI	1	\$99,681.69	\$99,681.69	0.00%	All services were already assumed as transfers. A CU change did occur by adding a second tie over CU to represent the 2" PL main lines.
16748979	801650	Norborne MO- BS Main Replacement Phase 4-Miller	1	\$194,366.27	\$194,366.27	0.00%	All services consist of plastic service material and were estimated already as transfers/tie-overs.
15121906	800551	58th and Olive - CI Breaks - IUI	1	\$408,260.91	\$408,260.91	0.00%	No difference between Scenario 1 and Scenario 2
15026129	800493	St Louis St S of 9th St - MGE	1	\$14,632.21	\$14,632.21	0.00%	The 3 services were already given cost as tie-overs.
15955271	801287	Cherry St and Gilmam Rd - 4in CI Replacement - IUI	1	\$77,128.29	\$77,128.29	0.00%	2 services replaced but both were steel so no change
15973353	801269	Independence and Chestnut - 4in CI Leak -study	1	\$85,168.71	\$85,168.71	0.00%	5 tie overs no transfers on other scenario
15817643	801223	W & E Cleveland at Holden St - MGE	1	\$79,735.67	\$79,735.67	0.00%	no service replacements, everything was tied over, no zeroed out footage
15464752	800924	CI Breaks - 54th Ter and Kensington - IUI	1	\$53,460.63	\$53,460.63	0.00%	only two service replaced and both steel
15345790	800849	Carrollton Grid main Replacement Phase J	1	\$75,476.74	\$75,476.74	0.00%	no services replaced no plastic main abandoned
14977951	800449	Koger N of Rt 24 - MGE	1	\$57,678.65	\$57,678.65	0.00%	service that was replaced/renewed would stay as replaced because only abandoned steel. Pre-existing plastic was utilized.
14813871	800405	BST Replacement between 16th and 17th at Roosevelt - MGE	1	\$100,308.36	\$100,308.36	0.00%	service that was replaced/renewed would stay as replaced because only abandoned steel. Pre-existing plastic was utilized.
14771215	800711	Repl PBS at 13th and Hervey Joplin Due to Leakage - MGE - Smith	1	\$122,958.64	\$122,958.64	0.00%	service that was replaced/renewed would stay as replaced because only abandoned steel. Pre-existing plastic was utilized.
14485446	800146	Hwy 71 and Gregory Grid Replacement Phase F - IUI	1	\$522,713.87	\$522,713.87	0.00%	1 service that was marked as tie-over should have been a renewal.
14475073	800136	St. Joe's South Phase 1B - MGE	1	\$267,261.84	\$267,261.84	0.00%	Child wo report shows abandoned plastic on an upgraded service, the plastic was previously abandoned prior to this work order.
14442672	800070	Tipton Grid Phase D - Bare Steel Replacement - Miller	1	\$205,069.81	\$205,069.81	0.00%	1 PL service abandoned due to not being active.
14696774	800390	BST replacement HWY 60 to Pine - MGE	1	\$102,329.99	\$102,329.99	0.00%	All services have already been estimated as tie-overs
15027002	800497	63rd & 55th Street - Phase 1B - SPIRE, LUCITO / WINCHEL / STREET	1	\$1,330,499.96	\$1,330,499.96	0.00%	No plastic main abandoned with this work order. Plastic service abandonment footage from 32 replacements and 1 abandoned CI service. All services replacements replaced steel pipe, no change between estimates.
15480929	800932	Nipper St S of Spring St - MGE	1	\$60,949.89	\$60,949.89	0.00%	Existing Main LP. New main installed at MP. No Plastic main abandoned on this job. Small segment of PL service was abandoned with each tie over.
16195318	801410	26th Terr and Topping - BS Replacement - IUI	1	\$37,559.46	\$37,559.46	0.00%	Existing Main LP. New main installed at IP. No Plastic main abandoned on the job. PL main abandoned for ST service replacement.
16232688	801439	56th and Indiana - Remove 24in Valve - IUI	1	\$207,381.20	\$207,381.20	0.00%	Existing Main LP. New main installed at IP. No Plastic included in the job.
15948035	802002	Maywood Ave replacement-IUI	1	\$95,529.52	\$95,529.52	0.00%	4 PL services abandoned with main at additional cost
14411937	800339	Pikeas Rd and 29th St - Main Replacement - MGE	1	\$1,862,028.43	\$1,862,028.43	0.04%	1 service replaced was plastic
14553730	800224	Hwy 281 Replacement Missouri River Crossing - North IUI	1	\$2,074,285.52	\$2,072,809.95	0.07%	Changed over 2 services from replacement to tie over
16038595	801515	Franklin Dr and Jewell Ct	1	\$63,205.25	\$63,159.44	0.08%	1 service replaced would be changed to tie over
15827651	801527	Replacement McConnell Ave 4th to 7th due to leaks - MGE - Smith	1	\$303,799.97	\$303,485.48	0.10%	1 service replaced would be changed to tie over
16106987	801323	Walnut-Noland to Crane	1	\$903,436.73	\$901,897.16	0.17%	2 of 3 service replaces would be changed to tie overs
15027083	800501	63rd & 55th Street - Phase 1F - SPIRE, LUCITO / WINCHEL / STREET-GPS	1	\$906,140.00	\$905,728.32	0.27%	3 changed over 3 services from Repl to Tie-Overs
14954963	800440	KC- 38th & State Line Road Cast Iron Replacement Phase C	1	\$1,406,231.00	\$1,400,881.97	0.38%	1 service replaced due to not being active.
15830822	801263	Kansas and 22nd - 4in CI Replacement - IUI	1	\$162,146.27	\$161,374.76	0.48%	1 service replaced would be changed to tie over
15182537	801228	13th and Brooklyn - CI Graphitization - IUI	1	\$144,855.42	\$144,083.92	0.53%	1 service replaced would be changed to tie over
14468825	801512	N Budk Park CI Grid Repl Phase 1A - IUI	1	\$777,148.01	\$772,518.93	0.60%	6 of the replaced services were plastic
14458451	800148	Hwy 71 and Gregory Grid Replacement Phase H - IUI	1	\$370,948.27	\$368,633.74	0.62%	3 service replaced were plastic
15308810	800799	Dunn Park - West of Hwy 71 E. Meyers Phase 1I - Miller	1	\$653,695.72	\$649,711.09	0.63%	3 services that were replaced would be changed to tie overs
15026962	800498	63rd & 55th Street - Phase 1A - SPIRE, LUCITO / WINCHEL	1	\$1,550,097.34	\$1,539,754.32	0.67%	Changed over 31 services from renewals over to tie-overs
14591934	800278	Carrollton Grid Main Replacement Phase E - Miller	1	\$438,917.48	\$434,790.94	0.94%	Changed over 3 Services from Replacements to Tie Overs
15338382	800824	9th and Bales - CI Graphitization - IUI	1	\$72,614.45	\$71,842.92	1.06%	1 service replaced would be changed to tie over
15818513	801224	CI Breaks - 61st and Indiana - IUI	1	\$132,154.69	\$130,611.66	1.17%	2 services replaced would be changed to tie overs
14477162	800157	N Budk Park CI Grid Repl Phase 1F - IUI	1	\$641,078.07	\$633,362.35	1.20%	10 less service replaced in scenario 2
14488996	800153	E Budk Park CI Grid Repl Phase 1B - IUI	1	\$416,092.58	\$416,063.28	1.30%	7 of the replaced services were plastic
14447176	800158	N Budk Park CI Grid Repl Phase 1G - IUI	1	\$904,727.75	\$828,381.32	1.31%	Changed over 16 services from replacements to tie overs
14892574	800758	Concordia Grid Phase A - Miller	1	\$202,430.32	\$198,679.30	1.85%	Changed over 2 services from Renewal to Tie-Over
17335150	801844	63rd and Baltimore - 4in CI - Water in Main - murphy	1	\$49,894.31	\$48,530.85	2.73%	2 Services were changed from renewal to tie-overs which made the overall cost around \$2000 cheaper.
14487034	800155	N Budk Park CI Grid Repl Phase 1D - IUI	1	\$697,715.49	\$676,884.67	2.99%	27 of the replaced services were plastic
16174987	801652	Norborne MO- BS Main Replacement Phase 6-Miller	1	\$485,577.59	\$484,267.68	4.59%	Changed over 31 services from replacements to tie-overs
16134666	801260	Exposed Pipe - 1803 NE 60th Terr - 6in steel - IUI	1	\$74,210.81	\$69,582.34	6.24%	6 services replaced, would all be changed to tie over
15784204	801184	Bannister Rd and Blue River Rd - 10in BS Replacement - IUI	1	\$360,931.07	\$360,931.07	0.00%	wasn't reestimated, no plastic main abandoned and no services in work order. No analysis done.
14584914	800256	Keessse Hill Main Replacement Phase 3 - IUI	1	\$883,897.05	\$931,509.16	-5.39%	Plastic main abandoned on Cedar St and Patterson St due to construction convenience. Plastic main abandoned on Locust St in order to separate pressure systems before tying in and upgrading. Plastic service abandonment footage from 9 abandments and 7 replacements. Of the service replacements, 6 were plastic services that were changed to tie-overs in scenario 2.
15388316	800867	Target Marlborough West Phase 4 - IUI	2	\$628,887.88	\$662,506.25	-5.35%	Plastic main abandoned on Troost Ave and E 78th St due to construction convenience. Plastic service abandonment from 6 replacements.
16425663	801546	Window Bare Steel Replacement Phase 4-Miller	2	\$335,816.24	\$353,110.52	-5.15%	Moved service to another main so segment on W Florence wasn't needed
14981179	801119	Repl PBS 34th and Pearl Joplin due to Leakage - MGE - Smith	2	\$201,721.10	\$208,699.22	-3.44%	Several small segments were abandoned. To reconnect new main must be tied into the existing main. In many cases the old main is perpendicular to the new main. So two 2x90 elbows must be added along with a new segment to tie to the pipe heading in the right direction again.
14984215	800474	Replacement due to CP15-059 at 1201 Schiff - IUI - Merl	2	\$288,655.69	\$297,226.41	-2.97%	Several small segments of PL were abandoned with steel. To save these segments they would need to be separated from the steel and tied into the new mains. In one situation new segments of pipe must be constructed to reach existing PL and the new main installed must be moved to the east side of the street.
15503496	800940	Claremont and 25th -Main Replacement -	2	\$189,160.84	\$193,918.32	-2.52%	Upgrade existing 65' of 4" PL Main to avoid 1 service transfer. 3' segment of PL main is too small to utilize.
15163159	800616	Liberty ST S of 23rd St - Phase 2 - IUI	2	\$460,355.77	\$471,806.91	-2.49%	Several segments abandoned to avoid air testing.
14911605	801703	E 38th St S Survey - IUI	2	\$107,765.19	\$107,765.19	0.00%	Plastic main abandoned on E 38th St due to construction convenience.
16407237	801520	Window Bare Steel Replacement Phase 3-Miller	2	\$599,020.89	\$609,705.87	-1.78%	Main abandoned and replaced rather than leak survey and utilize
14482987	800154	Hwy 71 and Gregory Grid Replacement Phase 1B - IUI	2	\$190,212.76	\$193,406.25	-1.68%	A segment of PL main will need to be installed to reach the existing plastic. The segment will need hot taps on both ends and a 4x90 elbow to turn the existing PL main north
14451215	800992	FY16 Strategic Grid MGE - Belton Phase 1B - IUI	2	\$410,786.96	\$417,503.05	-1.64%	Tie into and upgrade 38' of 2" PL LP Main and 46' of 4" PL LP Main.
15831810	801300	Northern & Ralston-MGE	2	\$329,062.81	\$334,223.63	-1.57%	1 PL service was renewed when a should have been transferred. Move tie in-caps to utilize 35' of PL Main. Tie into and upgrade existing 85' of 1 1/4" PL Main to utilize PL. Tie into and upgrade existing 130' of 4" PL Main.
17611805	801873	Replacement due to CP at Canterbury in Joplin - SPIRE - Smith	2	\$174,950.86	\$177,675.45	-1.56%	A 7' piece of PL was abandoned in association with cut and capping. 30N of PL was recovered in scenario 2 by moving the end cap closer to the steel. A 32N segment was abandoned and had a service on it which was transferred to the new main. In scenario 2 the service is kept on the steel but the steel on both ends of the PL segment were capped and a hot tie in was preformed on the main segment. A new segment was built to connect the existing PL segment to the new main that was installed across the street.
15952060	801295	Willis and Hayward - IUI	2	\$48,536.96	\$49,287.53	-1.55%	WASBUILT. Plastic main abandoned on Willis Ave due to construction convenience. Five plastic services tied over.
14475084	800138	St. Joe's South Phase 1D - MGE	2	\$108,940.75	\$110,531.26	-1.46%	Plastic abandoned on 3rd St due to construction convenience. Plastic service abandonment footage from 1 replacement and 1 abandonment.
15181467	800622	29th and Northern - MGE	2	\$255,443.58	\$258,605.70	-1.27%	PL abandoned for ease of constructibility and to avoid cutting off service to a customer for 8 hours to perform an air test.
14588897	800604	4th and Rangeline Main Replacement due to CP - IUI Grover	2	\$98,774.33	\$99,941.92	-1.18%	2' of PL main abandoned. Unable to tie in to save.
14414615	800046	Liberty - Grid Phase B - IUI	2	\$259,354.28	\$262,402.14	-1.18%	Abandoned plastic was tied into the new systems and tested if needed. Two segments needed to be air tested for scenario two
16244040	801450	Market St - Waters to 2nd St- MGE	2	\$42,313.62	\$42,805.30	-1.16%	Move tie in to utilize existing 5' of 2" PL Main.
14591914	800277	Carrollton Grid Main Replacement Phase D - Miller	2	\$938,367.06	\$945,188.30	-0.94%	Avoided additional tie-in holes and leak surveying main.
14451077	800120	Kingsville BST Grid Repl Phase 2 - IUI	2	\$462,539.97	\$466,690.80	-0.90%	Tie into and upgrade existing 122' of 2" PL Main to utilize all existing PL Main and remove 2 tie-in replacements. Tie into and upgrade 288' of 2" PL Main using 2'-22" Tap Tees and 4'-2" PL Caps.
15484915	800281	Webb City Phase 2F Grid Bare ST Replacement - IUI - Stroud	2	\$371,553.29	\$374,544.19	-0.80%	Main abandoned and replaced rather than leak survey and utilize
14482927	800142	Hwy 71 and Gregory Grid Replacement Phase B - IUI	2	\$375,222.12	\$601,233.12	-0.76%	A 6ft segment of PL main was abandoned with cast iron. An elbow would need to be inserted on the souther end to turn the new main towards the existing PL. It would then need to be tied into the PL segment. There is an existing fitting there and two caps will be needed to abandon cast iron north of the existing PL segment. A 4ft segment of PL will need to be installed and reduced to 4", an elbow will be needed to insert to turn the pipe north and tie into an existing fitting installed.
14584908	800265	Webb City Phase 2D Grid Bare ST Replacement - IUI - Stroud	2	\$355,724.82	\$358,266.09	-0.71%	Main abandoned and replaced rather than leak survey and utilize
16287823	801475	Waverly MO Bare Steel Main Replacement Phase 4 - Miller	2	\$485,050.03	\$488,477.42	-0.71%	Tie into 89' of 2" PL Main instead of abandoning it. 21' of PL main was abandoned due to tie in.
15345495	800656	Carrollton Grid Main Replacement Phase K - Miller	2	\$203,064.88	\$204,475.93	-0.69%	A PL segment that dead ends with no services on it was abandoned at no cost. A smaller segment needed to be tied into to keep the PL in the system.
15623449	801250	Carriage Area 2 Grid Phase 2A - IUI - Millford	2	\$387,612.69	\$390,285.59	-0.69%	23' of PL Main abandoned due to inactivity. 10' of PL Main was abandoned for tie-ins to occur. 103' of 4" PL main could have been utilized. 85' of 2" PL PL Main was able to be upgraded instead of abandoned.
15813433	801243	Budd Park Grid Main Replacement Phase 2A - IUI-GPS	2	\$444,615.49	\$447,889.14	-0.69%	Existing Main LP. New main installed at IP. 1 service should have been tied over instead of replaced. 163' of 2" PL was abandoned due to inactivity. 53' of PL main could have been upgraded by moving the tie in to a different location. 48' of 2" main could have been utilized by moving the tie in. Tie in and upgrade 33' of 4" PL Main.
15027093	800502	63rd & 55th Street - Phase 1G - SPIRE, LUCITO / WINCHEL / STREET-GPS	2	\$1,072,639.73	\$1,079,993.34	-0.69%	Upgrade 33 ft of 4" PL LP Main to avoid abandoning PL Main.
14478102	800156	N Budk Park CI Grid Repl Phase 1E - IUI	2	\$663,978.35	\$668,413.54	-0.67%	Plastic main abandoned on Sada Ave due to construction convenience. Plastic service abandonment footage from 6 abandments and 37 replacements. Of the service replacements, 6 were replacements of all plastic.
14451270	800097	FY16 Strategic Grid MGE - Belton Phase 1F - IUI	2	\$109,935.95	\$110,654.84	-0.65%	Move cap to save 11' of PL main.
14471154	800112	Liberty - Grid Phase C - IUI	2	\$287,671.48	\$289,541.00	-0.65%	Move 2" PL Cap 100' east on Dorphan St and leak survey it with the 510' of 2" that they tested in this phase to the west instead of capping and abandoning it. 11' of 4" PL abandoned on Lightburne St at no additional cost no services.
14474680	800128	Liberty - Grid Phase J - IUI	2	\$137,393.33	\$138,224.86	-0.61%	265N will remain abandoned as system is no longer needed. 854ft will be air tested and upgraded. 72ft can be incorporated as is. 8ft will remain abandoned in association with the tie overs. Caps were moved to incorporate abandon pipe into the system to bring down abandonment amount, but serve no purpose in the system.
17610593	801875	Harris Ave and Truman Rd Repl - IUI	2	\$172,662.43	\$173,693.23	-0.60%	PL abandoned for ease of tie in.
15308793	800801	Dunn Park - West of Hwy 71 E. Meyers Phase 1E - Miller	2	\$1,070,731.92	\$1,077,063.15	-0.59%	Existing Main LP. New main installed at IP. 4 PL services should have been tied over instead of replaced. Move tie in to utilize previously installed 18' of 6" PL LP Main. Tie into and upgrade 248' of PL LP Main.
17019127	801731	Blue Parkway and Elwyn Rd - Replace Bare Steel - MGE	2	\$160,023.07	\$160,962.30	-0.58%	Plastic main abandoned on Blue Parkway due to construction convenience. Plastic service abandonment footage from 2 service abandonments. No change in estimate. Plastic cap moved to utilize existing plastic at no additional cost, no extra paving or service changes.
14591901	800278	Carrollton Grid Main Replacement Phase C - Miller	2	\$365,375.98	\$367,481.65	-0.58%	Avoided additional tie-in holes. Tie-ins and caps abandoned plastic due to ease of construction.
15340224	800627	Lee St & Main St - MGE	2	\$172,903.46	\$173,897.02	-0.57%	Plastic main abandoned on Main St due to construction convenience. Plastic service abandonment footage from 1 service replacement. Replacement was of a plastic service, changed to a tie-over in scenario 2.
14442560	800069	Tipton Grid Phase C - Bare steel repl - Miller	2	\$417,057.41			

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WO Number/Project	Based Off	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
16148050	801378	Waverly MO Bare Steel Main Replacement Phase 3 - Miller	2	\$457,651.76	\$459,983.61	-0.51%	Move caps to utilize 11' of PL MP Main.
17260537	801827	Highgrove and 10th St - 4in Bare Steel - MGE	2	\$61,945.85	\$62,258.82	-0.51%	7 of 3' PL abandoned at tie-in
14594910	800280	Webb City Phase 2E Grid Bare ST Replacement - IUI - Stroud	2	\$543,655.21	\$546,294.27	-0.48%	Main abandoned and replaced rather than leak survey and utilize
14655224	800341	St. Joe's South Grid Phase 2E - MGE	2	\$652,329.38	\$655,343.84	-0.46%	Plastic main abandoned on Cliff St, Block St, Bingham St, and Mack St due to construction convenience. 196 ft of 2' PL main abandoned on Grant St because the main had no services connected to it (left abandoned in Scenario 2). Plastic service abandonment footage from 9 service abandonments and 1 replacement.
14474649	800124	Liberty - Grid Phase B - IUI	2	\$247,683.30	\$248,813.18	-0.46%	Segments were abandoned for ease of construction.
14533089	800864	75th St & Route 350 - IUI	2	\$356,769.92	\$358,301.12	-0.43%	PL abandoned due to constructability. New segments will need to be installed to turn existing main around to tie into new main.
14665808	800338	St. Joe's South Grid Phase 2C - MGE	2	\$1,181,181.54	\$1,186,083.38	-0.41%	Plastic main abandoned due to construction convenience on Valley St, Grant St, Rhudy St, and Washington St. Plastic service abandonment footage from 10 service abandonments and 6 service replacements.
14592203	800284	Carrollton Grid Main Replacement Phase G	2	\$748,114.30	\$751,161.07	-0.41%	PL abandoned at no cost.
14857475	800610	Marionville Grid Phase C - MGE	2	\$397,948.79	\$399,470.91	-0.38%	Tie in's could have been moved to utilize all PL Main.
15027071	800500	63rd & 55th Street - Phase 1E - SPIRE, LUCITO / WINCHEL / STREET-GPS	2	\$1,028,300.68	\$1,031,983.72	-0.36%	Tie into and upgrade existing 20' of PL MP Main to utilize all available PL Main.
15222592	800672	Neosho C-001 Bare Steel Main Replacement- Phase 1L - IUI	2	\$280,811.12	\$281,608.71	-0.34%	Tie in's could have been moved to utilize all PL Main.
15027047	800498	63rd & 55th Street - Phase 1C - SPIRE, LUCITO / WINCHEL / STREET	2	\$942,334.55	\$945,003.00	-0.28%	Tie into and upgrade existing 67' PL MP Main to save 80' of PL main instead of abandoning it.
14954390	800439	KC-39th & State Line Road Cast Iron Replacement Phase B	2	\$1,374,185.43	\$1,378,021.63	-0.28%	Tie into and upgrade 21' of PL MP Main to utilize existing PL. 14' of PL MP Main could also be tied into to utilize all existing PL main. PL was abandoned due to separating pressure systems. Caps could be moved to utilize existing PL main.
14556318	800230	5227 Norton CI Replacement - IUI	2	\$172,070.91	\$174,017.71	-0.27%	A segment will be abandoned at no cost as there were no services active and it was at the end of a Cast Iron segment. The 5ft segment will need to be leak tested and increased to IP. The caps will also need to be moved closer to the Steel main. The last segment will need to be tied on both ends and have an extra cap added to the segment that branches off its side. This segment will need to be leak tested.
15126997	800556	Neosho C-002 Bare Steel Replacement Grid Phase 1 - MGE - Barnes	2	\$682,252.98	\$683,942.20	-0.25%	Tie in's could have been moved to utilize all PL Main.
15781172	801179	59th St - Woodson Rd to Blue Ridge Blvd-IUI	2	\$1,410,018.56	\$1,413,251.22	-0.23%	Small segments of PL were abandoned when steel main was abandoned. All 16ft can be recovered and ingrated into the system, however install footage will only decrease by 6ft. The other 10ft can be incorporated back into the system by moving end caps.
14982686	800762	Concordia Grid Phase E - Miller	2	\$532,851.08	\$534,068.91	-0.23%	Tie into and upgrade existing 173' of PL MP Main.
15715368	801167	6" ST Replacement Jefferson St - IUI	2	\$60,486.76	\$60,222.40	-0.22%	Add paving. End cap will be moved closer to steel to keep PL in system.
14477227	800159	N Budd Park CI Grid Repl Phase 1H - IUI	2	\$718,894.00	\$720,438.14	-0.21%	Plastic main abandoned on Northside Ave and Belmont Blvd due to construction convenience. Plastic service abandonment footage from 40 service replacements and 6 abandonments. Of the service replacements, 3 replaced all plastic and were changed to tie-overs in scenario 2. Service listed as tie-over at 405 N Wheeling Ave was actually an abandonment.
17260546	801828	23rd and Topping - 3in Steel - IUI	2	\$189,233.95	\$189,606.72	-0.20%	To incorporate pipe a segment must be constructed to turn main south and allow a tie in to the end of the existing PL.
15253455	800722	Hwy 71 and Gregory Grid Replacement Phase O - IUI	2	\$273,457.91	\$273,954.44	-0.18%	7ft of PL abandoned due to constructability. Move tie in to incorporate.
14906760	800432	Target Marlborough West Phase 2 - IUI	2	\$1,188,850.02	\$1,190,933.49	-0.18%	Plastic main abandoned on Wayne Ave, 81st St, and Highland Ave due to construction convenience. Plastic service abandonment footage from 1 replacements and 6 abandonments.
15003423	800491	Harris S of Hwy Repl - MGE	2	\$997,598.08	\$999,291.92	-0.17%	For ease of construction some areas of pipe were abandoned and were not tied into and received leak surveys.
14857202	800601	Marionville Grid Phase A - MGE	2	\$252,940.58	\$253,282.66	-0.14%	56' of 2' PL MP Main was abandoned due to tie-ins. Tie in's could have been moved to utilize all PL Main. 26' of PL Main was abandoned due to inactivity.
15253448	800721	Hwy 71 and Gregory Grid Replacement Phase N - IUI	2	\$455,410.42	\$455,934.65	-0.12%	These sections were abandoned for constructability concerns. These segments can be electrocuted to new segments as the system is backfilled. The abandoned segments are rated for IP and do not need to be air tested or leak surveyed.
15804894	801219	39th & S Main St - MGE	2	\$416,651.52	\$417,104.57	-0.11%	Segments of PL were abandoned for ease of construction. New segments of PL will need to be constructed to reach existing PI on the other side of the street. In both cases more pipe will need to be installed to incorporate existing PL.
15027089	800489	63rd & 55th Street - Phase 1D - SPIRE, LUCITO / WINCHEL / STREET	2	\$912,346.15	\$913,309.21	-0.11%	Move cap to utilize 11' of PL MP Main.
14475077	800137	St. Joe's South Phase 1C - MGE	2	\$667,680.55	\$668,350.92	-0.10%	Abandoned 4' PL main at intersection of Belding & S Hwy 752. AsBuilt PL Abandonment footage was 127 ft, corrected to 21 ft. Plastic main abandoned at intersection of Belding and Hyde Park due to construction convenience of tie-in. Plastic service abandonment footage from 2 abandonments and from 4 replacements.
15253429	800720	Hwy 71 and Gregory Grid Replacement Phase M - IUI	2	\$369,170.42	\$369,531.86	-0.10%	An 18ft segment was abandoned because of ease of constructability. It can be electrocuted into the new system. For a fit segment the cap will need to be moved further north and a hot tie in performed on the north side of the abandoned section.
16701133	800127	Replacement due to leaks Fairview St In Carriage	2	\$175,476.00	\$175,624.00	-0.08%	Tie over outside of street to center of intersection. One service abandoned with main
14954997	800641	KC-39th & State Line Road Cast Iron Replacement Phase A	2	\$1,244,783.35	\$1,245,784.60	-0.08%	Abandon 156' of PL main due to inactivity. Tie into and upgrade existing 100' of 4' PL MP Main.
14584921	800283	Webb City Phase 2H Grid Bare ST Replacement - IUI - Nease	2	\$1,744,062.23	\$1,744,824.06	-0.04%	Main abandoned and replaced rather than leak survey and utilize
15454636	800912	Replacement due to CP 16-135 E and Moffat	2	\$299,999.78	\$300,122.07	-0.04%	caps needed to be moved to incorporate PL that was abandoned. In one area a 4ft segment of 1.25" PL was abandoned.
15191342	800626	57th and Sales - CI Breaks - IUI	2	\$1,064,189.77	\$1,064,274.34	-0.01%	To incorporate tie the cap needs to be moved closer to steel and the segment tied into main on both sides
14482958	800143	Hwy 71 and Gregory Grid Replacement Phase C - IUI	2	\$319,225.39	\$319,250.39	-0.01%	The 13ft segment of PL main will need to be leak tested and upgraded from LP to IP.
17964766	801909	Pittman & 38th St - Replace 4in Bare Steel - SPIRE, LOVE-GPS	2	\$471,733.33	\$471,800.36	0.00%	Tie in's could have been moved to utilize all PL Main.
15133957	800566	12th & Lipper Replacement - IUI	2	\$157,343.40	\$157,343.40	0.00%	No additional cost with 23 of abandonments at tie in points
14904093	800463	16in FBS Main Replacement - 13th and Virginia - lambert	2	\$317,877.69	\$317,877.69	0.00%	No additional cost with 10 of abandonments at tie in points
14771978	800385	2nd & 23rd St-Wash-MGE	2	\$1,038,302.29	\$1,038,302.29	0.00%	No additional cost with 70 of abandonments at multiple tie-in points. 20 inactive PL services abandoned with old main at no cost.
16971279	801709	56th St - Indiana Ave to Kansas Ave - BS Mandated Sec 6-Miller-GPS	2	\$131,449.38	\$131,449.38	0.00%	No additional cost with 12 of abandonments at tie in point
14584803	800263	Webb City Phase 2B Grid Bare ST Replacement - IUI	2	\$275,803.00	\$275,803.00	0.00%	Tie-ins moved to utilize PL. Would not change cost.
15345662	800855	Carrollton Grid Main Replacement Phase L - Miller	2	\$476,198.55	\$476,198.55	0.00%	Carrollton Grid Main Replacement Phase L - Miller
14587227	800261	Clarksburg Grid Phase B - Miller	2	\$194,529.66	\$194,529.66	0.00%	100' of PL Main abandoned due to inactivity
14474710	800130	FY16 Strategic Grid MGE - Belton Phase 2B - IUI	2	\$54,604.58	\$54,936.27	0.00%	Existing Main IP. New main installed at IP. 4 Services were replaced when they should have been tied over. 122' of PL main could have been utilized by moving the tie ins. 211' of PL main could have been tied into instead of abandoned.
14485447	800147	Hwy 71 and Gregory Grid Replacement Phase G - IUI	2	\$980,485.82	\$979,975.13	0.05%	Two segments of PL main were abandoned. They need to be leak tested along with the services on them and tied into the new PL system.
14474665	800127	FY16 Strategic Grid MGE - Belton Phase 2A - IUI	2	\$760,879.81	\$760,423.10	0.06%	Tie into 44' of 2' PL MP Main to utilize plastic. Move cap to save 10' of 2' PL.
15153386	800598	Alma Strategic Grid Phase 2 - Miller	2	\$654,636.87	\$654,185.19	0.07%	PL was abandoned for ease of construction.
14474653	800125	Liberty - Grid Phase H - IUI	2	\$149,487.81	\$149,318.65	0.11%	PL abandoned to avoid air testing and for ease of construction. Some PL abandoned due to main not being used any more.
16007191	801302	Budd Park Grid Main Replacement Phase 2B - Monty	2	\$1,004,427.13	\$1,003,044.86	0.14%	Existing Main LP. New main installed at IP. 2 services should have been tied over instead of abandoned. Move 4' of Cap to utilize all existing PL Main. CNTN Status
14592466	800286	Carrollton Grid Main Replacement Phase I - Miller	2	\$1,113,606.92	\$1,112,055.94	0.14%	PL was abandoned for ease of construction.
15288002	800727	31st St & Mason St - MGE	2	\$299,515.74	\$299,064.11	0.15%	Segments of PL abandoned for ease of construction.
15220246	800659	Liberty - Grid Phase M - IUI	2	\$825,456.98	\$824,202.71	0.15%	PL abandoned for constructability or to avoid leak survey.
14487012	800154	N Budd Park CI Grid Repl Phase 1C - IUI	2	\$757,331.60	\$755,834.80	0.20%	Plastic main abandoned on Denver Ave due to construction convenience. Plastic service abandonment footage from 1 abandonment and 20 replacements. Of the replacements, 13 were replacements of all plastic services, changed to tie-overs in scenario 2. One service tie-over changed to an uprate when existing plastic was utilized.
15148821	800584	Target Marlborough East Phase 3 Relocation - IUI	2	\$879,994.97	\$878,165.70	0.21%	Plastic main abandoned on Paseo Ave, 81st St, 79th St, 78th St, 77th Ter, 76th Ter, 76th St, 75th St, Troost Ave, Lydia Ave, and 73rd St due to construction convenience and main relocation. Since plastic main abandonment was due to relocations and incidental abandonment from tie-ins, main was not changed between estimates. Plastic service abandonment footage from 7 service renewals and 11 abandonments. Of the replacements, 2 were of all plastic services and were changed to transfers in scenario 2.
16748965	801648	Norborne MO- BS Main Replacement Phase 2 - Miller	2	\$507,871.91	\$506,520.66	0.23%	Design estimate and work order drawing for scenario comparison. All plastic main utilized according to work order drawing. Plastic main utilized on W Liberty St and Grider Ave. Plastic service abandonment footage from 3 service replacements and 9 abandonments. Service replacements were of plastic services and were changed to transfers in scenario 2.
14906714	800431	Target Marlborough West Phase 1 - IUI	2	\$410,382.19	\$409,375.83	0.25%	Plastic main abandoned on E 84th Ter and Tracy Ave due to construction convenience. Plastic service abandonment footage from 2 replacements and 9 abandonments. The 2 service replacements replaced plastic services.
15292121	800480	Pleasant Hill Main Replacement Phase B - IUI	2	\$664,400.34	\$661,936.11	0.37%	Plastic main abandoned on Mathis St due to construction convenience, was not upgraded upon tie-in. Plastic service abandonment footage from 1 abandonment and 8 replacements. In scenario 2, 2 of the service replacements were changed to tie-overs due to being completely plastic.
13212467	801156	29th and Sales - Water in Gas Main	2	\$94,020.23	\$93,644.66	0.40%	Tie-in done on plastic segment where it was convenient.
14815162	800406	BST Replacement 2nd and McCoy St due to CP15-068 - MGE	2	\$40,459.56	\$40,278.03	0.45%	10ft of PL was abandoned with a steel main and a new PL main replaced it. To connect into the new main a 9ft segment must be constructed to get to the existing main.
15223590	800671	Neosho C-001 Bare Steel Main Replacement- Phase 1K - IUI	2	\$779,830.67	\$779,573.58	0.51%	45' of PL Main was abandoned due to tie-ins or inactivity. 319' of PL Main could have been tied into instead of abandoned.
15308808	800798	Dunn Park - West of Hwy 71/E. Meyers Phase 1H - IUI	2	\$809,751.95	\$805,483.74	0.53%	Existing Main LP. New main installed at IP. 6 PL services were replaced when they should have been tied over. Tie into and upgrade existing 36' of PL MP Main.
14447273	800073	Tipton Grid Phase F - Bare steel repl - Miller	2	\$1,303,261.39	\$1,296,359.41	0.53%	Plastic main abandoned on Grant St due to construction convenience. Plastic main abandoned on Grovick Ave and at 613 Ohio St due to those mains not serving any services. Those mains left abandoned in Scenario 2.
15308437	800800	Dunn Park - West of Hwy 71/E. Meyers Phase 1C - Miller	2	\$1,341,871.09	\$1,334,237.63	0.57%	Existing Main LP. New main installed at IP. 11 Services could have been tied over instead of replaced. Uprate 319' of PL Main instead of abandoning it.
16148016	801376	Waverly MO Bare Steel Main Replacement Phase 1 - Miller	2	\$379,839.32	\$377,559.89	0.60%	Existing Main MP. New main installed at MP. Move tie in to utilize existing 3' of PL MP. 3 PL services should have been tied over instead of replaced.
14485491	800151	Hwy 71 and Gregory Grid Replacement Phase K - IUI	2	\$751,183.09	\$746,673.20	0.60%	2 segments of PL main were abandoned inbetween cast iron. These segments need to be tied into the new system and have reducers installed on them. A leak test will also need to be performed for both segments. Service on these segments will need to be updated. a 2ft segment of PL was abandoned and capped. move the cap to incorporate PL back into system.
15266813	800756	Grandview Rd and 115th - Bare Steel Replacement - IUI	2	\$106,859.19	\$106,167.46	0.65%	Segments of PL were abandoned for ease of constructability. Can be incorporated back into system by moving tie in points. However this will require more paving.
16125944	801356	Emma Grid Replacement - Miller 1A	2	\$332,063.49	\$329,911.96	0.65%	Tie into existing 97' of 2' PL MP Main instead of abandoning it.
14474617	800122	Liberty - Grid Phase E - IUI	2	\$427,994.34	\$425,083.97	0.68%	PI abandoned for convenience or if it was not going to be utilized in the new system.
15323112	800818	Malden and A Replacement due to CP - MGE - MGH	2	\$45,154.25	\$44,829.76	0.72%	25' of 1.25" PL replaced with 2" for flow
16972226	801626	CI Breaks - 40th and Kensington - 4in CI - gilkey	2	\$173,772.10	\$172,427.16	0.77%	83' of 2" replaced rather than leak survey and tie over.
15623364	801193	Carriage Area 1 Grid Phase 1A - IUI - Millford	2	\$728,465.32	\$722,723.23	0.78%	112' of 2' PL MP Main due to inactivity. Tie into and utilize 230' of 2' PL MP Main. No changes to the service.
14924116	800285	Carrollton Grid Main Replacement Phase H - Miller	2	\$414,000.94	\$410,675.88	0.80%	Tie-in abandon plastic due to ease of construction. Avoided using main on small segment for ease of construction.
14414599	800048	Liberty - Grid Phase A - IUI	2	\$178,265.96	\$171,731.06	0.91%	Plastic main was abandoned in a few areas and replaced by new main to avoid leak testing these segments and tying them into the new systems that were being installed.
14982612	800759	Concordia Grid Phase B - Miller	2	\$759,225.73	\$752,119.00	0.94%	Tie into and upgrade existing 11 8" PL MP Main despite flow restrictions to avoid abandoning any PL Main.
15153394	800600	Blackburn Strategic Grid Phase 1 - Miller	2	\$450,001.64	\$445,762.71	0.94%	Existing Main MP. New main installed at MP. 1 service should have been tied over instead of replaced. Move tie in & cap to utilize existing 56' of 2' PL MP Main. Tie into existing 80' of 2' PL MP Main to utilize all PL main and avoid 2 service tie overs.
14982696	800763	Concordia Grid Phase F - Miller	2	\$1,073,190.46	\$1,062,395.37	1.01%	Existing Main LP. New main installed at IP. 10 Services were replaced when they could have been tied over. Move tie ins or caps to utilize 57' of PL MP Main. Uprate 215' of PL MP Main. Tie into existing 601' of 1 1/4" PL Main to remove 7 service tie overs. Tie into existing 81' of 2' PL MP Main.
15340491	800830	Green St & Peyton St - MGE	2	\$102,762.42	\$101,717.27	1.02%	PL was abandoned for constructability. Move the tie in further north to include the abandoned PL. System will stay at MP.
16971485	801712	Walnut - 51st Ter to 51st St - BS Mandated Sec 13-Miller-GPS	2	\$293,236.32	\$290,196.02	1.04%	Fieldbook does not show abandoned mains, footages in IMap do not match footages in Maximo. Length 624 Values in GIS are the same as the Maximo abandoned plastic lengths. Plastic main abandoned on N 51st Ter due to construction convenience and to separate pressure systems. Plastic service abandonment footage from 9 replacements. Of those replacements, 3 were plastic services that were changed to tie-overs for scenario 2. Also, 3 tie-overs included steel services, so they were added to replacements for both scenarios.
14475710	800163	Webb City Phase 1D Grid Bare ST Replacement - IUI - Stroud	2	\$845,370.56	\$836,129.76	1.09%	Main abandoned and replaced rather than leak survey and utilize
16148036	801377	Waverly MO Bare Steel Main Replacement Phase 2 - Miller	2	\$154,244.49	\$508,043.01	1.21%	39' of PL Main was utilized by moving caps. 14' of PL Main can be utilized on York St by installing 230' of 2' PL Main on York St, and no longer existing 455' of 2' main in the alley. This would also remove 2 service replacements. 57' of PL main can be utilized by tying into the PL main crossing W. Commercial St, and tying into the PL main on the North side of the as well as on the South side.
14767898	800606	Replacement 33rd to 35th at Connecticut due to CP - IUI - Merl	2	\$150,911.48	\$148,943.15	1.30%	5ft of PL will remain abandoned with cut and caps. 81ft can be incorporated in but each segment must be fused with the new PL pipes.
14474725	800132	FY16 Strategic Grid MGE - Belton Phase 2D - IUI	2	\$344,395.02	\$339,867.80	1.31%	Existing Main IP. New main installed at IP. 1 Service renewal should have been a service over. 46' of PL main could have been utilized by moving the tie in or the caps. Tie into 189' of 2' PL Main and remove 2 service tie overs to utilize all existing PL Main.
14665837	800342	St. Joe's South Grid Phase 2F - MGE	2	\$356,030.98	\$351,343.28	1.32%	Plastic main abandoned on Ridgeway Ave due to construction convenience. Plastic service abandonment footage from tie-overs, 2 replacements, and 1 abandonment. Scenario 2, tied into and upgraded 173 ft of 2' PL main on Ridgeway Ave.

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1445484	800149	Hwy 71 and Gregory Grid Replacement Phase 1 - IUI	2	\$494,947.75	\$488,404.75	1.32%	308ft segment was abandoned to avoid air test and cutting off service to 15 customers for several hours. 139ft of PL was abandoned to avoid an air test as well.
15308007	800797	Dunn Park - West of Hwy 71/E. Meyers Phase 1G - Miller	2	\$837,671.60	\$825,381.08	1.47%	Existing Main LP New main installed at IP. 4 PL Services were replaced when they could have been tied over. 24' of 6" PL LP Main abandoned at no cost to the company.
14591936	800279	Carrollton Grid Main Replacement Phase F - Miller	2	\$920,889.35	\$907,304.74	1.48%	Tie-ins abandon plastic due to ease of construction. Avoided upgrade to have less tie in holes and no need to leak survey.
14474777	800123	Liberty - Grid Phase K - IUI	2	\$430,030.50	\$423,604.33	1.49%	Many segments of PI were abandoned to avoid air testing. A 500ft segment had no services on it and was abandoned at no cost.
1459502	800301	Republic Strategic Grid Phase 1 - MGE	2	\$1,363,938.83	\$1,343,429.19	1.50%	Plastic main abandoned due to construction convenience on Wilson St. Main Ave, Walnut St, Wide St, Cullage Ave S HWY 174, Hines St, and Summit St. Plastic service abandonment footage a from 3 service abandonments and 1 renewal.
14586733	800258	Pleasant Hill Main Replacement Phase 5 - IUI	2	\$923,937.84	\$909,083.79	1.61%	Plastic main abandoned on Broadway (Pine) St, Independence St, Hillside Dr, Walker St, and Benton St, and Chappel St due to construction convenience. In scenario 2, 6 ft of plastic main north of Broadway left abandoned due to being outside the scope of the work order install. 10 ft of plastic main abandoned between Walker and Chappel on Broadway, left abandoned in scenario 2 because it runs perpendicular to desired main direction. Same situation with 9 ft of 2" PL main on Chappel. Plastic service abandonment footage from 9 abandonments and 1 replacement.
14771233	800834	Repl PBS at 8th and Geneva Joplin due to Leakage - MGE	2	\$150,213.78	\$147,665.40	1.70%	5ft of PL will be incorporated into the system by moving the cap. 82ft of PL can be reused and tied into the new system. Tie ins require hot taps and the construction of additional segments to reach existing PL.
15462955	800021	CI Breaks - Benton and 55th - IUI	2	\$198,973.09	\$195,400.42	1.80%	97' of 12" PL replaced with 2" for flow.
14591880	800275	Carrollton Grid Main Replacement Phase B - Miller	2	\$419,082.32	\$410,961.91	1.94%	Avoided additional tie-in holes.
14982623	800760	Concordia Grid Phase C - Miller	2	\$822,034.00	\$803,531.38	2.01%	Existing Main IP. New main installed at IP. 29 PL services could have been tied over instead of replaced. 93' of PL main abandoned due to inactivity/no cost. Move tie in cap to utilize existing 112' of PL Main. Upgrade 96' of PL main instead of abandoning it.
14846283	800412	Purcell Bare Steel Main Replacement Phase 1B - IUI	2	\$594,410.56	\$582,376.86	2.02%	Continued bores to avoid tie in holes and uprating plastic.
12719240	801815	Cherry and Noland Rd - IUI	2	\$134,703.40	\$131,947.95	2.05%	66' of 2" PL replaced with 4" for flow.
15053841	800542	Blue Ridge - Hardy to Sterling - IUI	2	\$1,089,430.59	\$1,065,999.26	2.15%	15 PL service replacements could have been service tie-overs. Install 300' of 2" PL Main to tie into 87' of 2" PL IP Main and remove 1 service tie over. 17' of PL main was abandoned at no cost. Tie into existing 57' of 2" PL main to remove 1 service tie over.
15995300	801299	32nd St & Shady Bend Dr	2	\$423,159.06	\$413,528.39	2.18%	abandoned to avoid leak survey.
14443007	800075	Tipton Grid Phase E - Bare steel repl - Miller	2	\$668,017.48	\$672,883.01	2.22%	Plastic main abandoned on August Ave due to construction convenience. Plastic main abandoned on Howard St because it did not serve any services. Plastic service abandonment footage from 10 service abandonments. Plastic main on Howard St left abandoned in scenario 2.
14586881	800259	Pleasant Hill Main Replacement Phase 6 - IUI	2	\$732,438.29	\$715,724.60	2.28%	Plastic main abandoned on Baltimore St, Hillcrest St, Lexington Rd, Maple Ln, Delaware St, Myrtle St, and Walker St due to construction convenience. Plastic service abandonment footage from 6 replacements and 2 abandonments.
16748955	801647	Norborne MO- BS Main Replacement Phase 1-Miller	2	\$356,598.35	\$348,401.77	2.30%	Design estimate used. Plastic main abandoned on Locust St due to construction convenience. Plastic service abandonment footage from 15 abandonments and 9 replacements. Of the replacements, 6 were of all plastic and were changed to tie-overs in scenario 2.
15767012	801284	Repl PBS on Elliot due to Leakage under HWY K	2	\$479,870.96	\$468,580.88	2.36%	Several sections of plastic were abandoned along with steel. A 204ft segment of 1.25" PL was abandoned and 4' installed to keep flow unrestricted. This segment was tied into the new 4" pipe in scenario 2 and kept the services on it. A 4ft segment of 2" PL was abandoned and replaced. In scenario 2 this segment received an Air test and was tied into the new PL main. A segment of 2" PL was abandoned on the edge of steel and was tied into the new main. This segment was leak tested and tied into the new main.
14916409	800435	TC Lea & Kiger- IUI	2	\$825,322.04	\$805,000.20	2.46%	Plastic main abandoned on TC Lea Rd, Frandsen St, and Truman Rd due to construction convenience. Plastic service abandonment footage from 2 replacements and 1 abandonment.
15153391	800999	Blackburn Strategic Grid Phase 2 - Miller	2	\$385,708.27	\$376,181.94	2.47%	Tie into 194' of PL MP Main to avoid 1 service tie over & 1 service renew
14455485	800150	Hwy 71 and Gregory Grid Replacement Phase J - IUI	2	\$343,533.90	\$335,021.40	2.59%	A 158ft segment of 4" PL main was abandoned with cast iron. This main will need to be tied into the new 6" main that was installed. It will then need to be upgraded to service tie surveys along with the three services on it. The other 3ft of abandonment was in association with a transition fitting.
14455444	800145	Hwy 71 and Gregory Grid Replacement Phase E - IUI	2	\$408,128.23	\$397,525.06	2.60%	2 segments of PL main were abandoned with cast iron. Both will need to have a hot tie in to the new main. One will need a leak survey and the other will need to be disconnected and air tested before it is originated on the new system.
14474633	800123	Liberty - Grid Phase F-- IUI	2	\$289,563.16	\$281,680.77	2.72%	Segments of PL main were abandoned with steel mains or were no longer needed in a system. To keep the mains, they would need to be tied into the new mains. A few of the existing mains would need to be leak tested and go from MP to IP. Others were IP and could be tied in directly.
16748975	801649	Norborne MO- BS Main Replacement Phase 3	2	\$538,708.59	\$519,828.40	3.09%	PL was abandoned for ease of construction.
16748984	801651	Norborne MO- BS Main Replacement Phase 5-Miller	2	\$200,069.69	\$193,034.30	3.52%	Design estimate used. "100 ft of 2" PL on Coats not accounted for in abandonment footage and was not tied-in. Added the 100 ft to ab. PL main for estimate." Plastic main abandoned on Long St and Coats St due to construction convenience. Plastic service abandonment footage from 10 abandonments and 3 replacements.
14474614	800121	Liberty - Grid Phase D - IUI	2	\$150,830.48	\$145,375.22	3.62%	593ft of PL is recoverable but requires air test if it would not be abandoned. Abandon main would be air tested and tied into the new system. 5ft will remain abandoned in association with tie overs.
15830045	801240	Berry Rd S of Truman Road-MGE	2	\$337,629.79	\$323,079.97	4.31%	Service at 1610 Berry Rd should have been a tie-over. Service abandoned for approximately 350 PL of PL service abandonment. Upgrade additional 50' of 2" PL MP Main. Upgrade 120' of 1 1/4" PL MP Main.
14413284	800041	Liberty Header - Phase 4 - IUI	2	\$210,841.48	\$201,566.98	4.40%	366 ft of PL main near south Main Street abandoned with steel main and was replaced by 215 ft of PL main. 46 ft of PL main abandoned on S Prairie Street and replaced by 46 ft of PL main. 82 feet of PL main abandoned on East Mill street.
14584918	800257	Pleasant Hill Main Replacement Phase 4 - IUI	2	\$647,248.87	\$618,434.19	4.45%	Plastic main abandoned on Olive St, N Harrison St, and Independence Ave due to construction convenience. Plastic service abandonment footage from 15 abandonments and 5 replacements.
15308247	800795	Dunn Park - West of Hwy 71/E. Meyers Phase 1B - Miller/Magnolia	2	\$1,107,786.45	\$1,047,883.96	5.41%	9' of PL main abandoned to separate pressure systems. Move caps closer to utility PL main. Tie into and upgrade existing 194' of 1 1/8" PL Main to remove 2 service ties overs. Move tie in north on E Meyer Blvd. Main. Tie into and upgrade 99' of PL Main.
14414583	800044	Liberty Header - Phase 5 - IUI	2	\$303,349.63	\$296,300.96	5.41%	2" PL main was replaced along 5 Fairfield Ave and replaced with 4" PL main to improve flow in this area. Plastic caps were used to cap abandoned steel by leaving some plastic attached to steel.
15021927	800658	Liberty - Grid Phase L - IUI	2	\$157,170.80	\$147,746.27	6.00%	Plastic abandoned on this phase was not replaced at the same time. Several mains were tied into and footage was abandoned in association with those tie overs. Plastic had to be leak surveyed and some areas had to air tested. (footage on West Kansas and Fairview).
15021322	800489	East Downtown Phase 1 Bare Main Repl - IUI	2	\$506,448.34	\$474,575.37	6.29%	Plastic main abandoned along Browning Ave and Corder Ave due to construction convenience. Plastic service abandonment footage from 1 service abandonment and 2 replacements. Replacements were of plastic services so were changed to tie-overs in scenario 2.
15845572	801253	Replacement 313 S Oak St Aurora due to leak - MGE	2	\$67,556.57	\$66,098.90	-0.80%	5ft of PL was abandoned in association with a cut and cap.
14442684	800072	Tipton Grid Phase B - Bare steel repl - Miller	2	\$821,825.17	\$1,149,956.82	-24.75%	Incorrect Abandonment footages. Existing Main MP. New main installed at IP. 4 Service were replaced when they could have been tied over. Upgrade 208' of 2" PL Main. 40' of main abandoned due to inactivity. Upgrade 778' of PL Main.
14857482	800613	Marionville Grid Phase F - MGE	3	\$167,922.66	\$178,248.36	-6.15%	56 ft. of 2" PL MP Main abandoned on Railroad Rd. due to inactivity. Upgrade existing 225' of 2" PL MP Main. Upgrade existing 222' of 2" PL MP Main.
15827479	801528	Empire 5th to 8th Street due to BST and Leaks	3	\$224,593.49	\$229,379.95	-2.13%	Main replaced instead of reused for ease of construction and lower cost
16224878	801428	S Pearl St & E Angus St - IUI	3	\$191,468.20	\$194,514.90	-1.59%	Small segments abandoned, more expensive to tie-in and utilize then replace
14909955	801149	Repl Main 24th and Meadow Joplin due to Leakage - IUI	3	\$430,388.97	\$434,624.76	-0.98%	2" PL MP Main was abandoned on Iron Gates Rd. to prevent flow restrictions. 4x4" Tap tees were not available at the time of the work on the Southern side of the street. Tie in on MP Main on W 26th St. for convenience.
18897207	801101	Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1B	3	\$722,284.41	\$728,285.00	-0.83%	No pressure records, cost of air test higher than cost to replace
14538529	801472	Vernon to Scott - 23rd to 27th - IUI	3	\$1,242,930.69	\$1,248,488.13	-0.45%	Small pieces replaced rather than have many tie ins
15217618	800654	Neosho C-001 Bare Steel Main Replacement: Phase 1B - IUI - Meri	3	\$687,735.47	\$689,768.96	-0.30%	172' of PL Main was abandoned because it was inactive. 413' of PL MP Main could have been tied into.
14565811	800340	St. Joe's South Grid Phase 2D - MGE	3	\$1,650,911.13	\$1,654,376.35	-0.21%	Main abandoned rather than leak survey and utilize
14592686	800274	Carrollton Grid Main Replacement Phase A - Miller	3	\$735,116.15	\$735,733.16	-0.08%	Main abandoned due to inactivity, remaining main had several tie-ins to use small piece
15566121	801042	Budd Park Header Main Phase 3 - IUI	3	\$1,022,160.54	\$1,022,559.59	-0.04%	22' of Plastic was originally abandoned for the tie in on occur.
15338490	800826	CI Graphitization - 10th and Benton	3	\$89,901.00	\$89,901.00	0.00%	Unused main was abandoned with CI at no additional cost
14972619	800444	Liberty ST S of 23rd St - Phase 1 - IUI	3	\$440,379.23	\$440,379.23	0.00%	Abandoned due to no active services
14584901	800264	Webb City Phase 2C Grid Bare ST Replacement - IUI	3	\$656,606.46	\$656,463.18	0.02%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
15338485	800825	CI Graphitization - Highland and Independence	3	\$74,203.21	\$74,132.55	0.09%	Small piece of PL abandoned rather than hot tap and leak survey
14451227	800063	FY17 Strategic Grid MGE - Benton Phase 1C - IUI	3	\$448,424.27	\$445,898.92	0.57%	Main abandoned rather than leak survey and utilize
14665719	800335	St. Joe's South Grid Phase 2A - MGE	3	\$1,570,267.43	\$1,560,441.44	0.63%	Main replaced with 6" for flow
14584775	800262	Webb City Phase 2A Grid Bare ST Replacement - IUI - Stroud	3	\$330,017.71	\$327,810.09	0.67%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
14584917	800282	Webb City Phase 2G Grid Bare ST Replacement - IUI - Stroud	3	\$53,962.38	\$53,962.38	0.00%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
14585021	800083	Holzer Grid Phase 2 - IUI	3	\$900,471.41	\$905,405.33	-0.54%	Small pieces abandoned due to no active services
14447422	800131	F116 Strategic Grid MGE - Benton Phase 2C - IUI	3	\$758,388.58	\$749,971.23	1.11%	Main abandoned rather than leak survey and utilize
14983934	801125	Repl Main 16th and Bird Joplin due to Leakage - IUI - Milford	3	\$224,278.31	\$221,847.08	1.17%	Upgrade 323 FL of 2" & 4" PL MP Main. Tie into existing 31' PL MP Main on 16th St.
15595640	801063	27th McGee - Main Replacement - KCMO - IUI	3	\$144,878.85	\$141,576.61	2.28%	94 feet 1 1/4" PL replaced with 4" PL.
15593392	801057	Neosho C-001 Bare Steel Main Replacement: Phase 1A - IUI - Meri	3	\$781,191.46	\$761,829.32	2.48%	Plastic was originally abandoned for constructability.
15127008	800578	Neosho C-002 Bare Steel Replacement Grid Phase 2	3	\$761,191.46	\$760,808.12	2.61%	Upgrade existing 599' 2" & 4" PL main in Alley between Main St. & Spring St. instead of abandoning it.
14589737	800260	Clarkson Grid Phase A - Miller	3	\$355,919.96	\$345,254.58	2.81%	Main should have been leak surveyed and utilize
14599416	800290	Rt 24 & Sterling Bare Main - IUI	3	\$426,071.19	\$413,240.60	3.01%	PL main could have been upgraded/replaced instead of abandoned.
15516624	800971	Wornal and 85th Replacement Phase 9 - IUI-GPS	3	\$149,582.49	\$145,052.27	3.03%	317' of 4" PL main should have been upgraded and reused, but it was not. 6 services should have been upgraded but they were not.
15026336	800977	Liberty and Stone Replacement - IUI	3	\$873,732.18	\$843,806.68	3.43%	Relocation due to public improvement expanded
14451180	800991	F116 Strategic Grid MGE - Benton Phase 1A - IUI	3	\$303,029.60	\$292,152.10	3.59%	Main abandoned rather than leak survey and utilize
1465736	800336	St. Joe's South Grid Phase 2B - MGE	3	\$390,464.71	\$370,566.03	5.10%	Main abandoned rather than leak survey and utilize
16697209	801625	CI Breaks - 59th and Cypress Place - 4in CI - IUI	3	\$78,228.45	\$74,053.84	5.34%	Electrofuse onto 2" PL LP Main. Save 75 Ft of PL. Hot tap off the end of the PL and run 531 Ft. Prevents 2 Service Tie-Over
15058923	800987	Alma Strategic Grid Phase 1 - Miller	3	\$500,994.67	\$474,141.77	5.36%	PL Main abandoned due to flow restrictions. PL Main also abandoned due to inactivity.
14982630	800761	Concordia Grid Phase D - Miller	3	\$517,910.06	\$485,794.65	6.20%	1000' of main abandoned rather than leak surveyed and utilized
14846308	800414	Pleasant Hill Main Replacement Phase 7 - IUI	3	\$335,544.14	\$313,183.92	6.66%	Large amounts of IP plastic main replaced
15064900	801220	Shelby & E 33rd Terr -MGE	3	\$1,867,259.20	\$1,696,938.95	8.12%	4500' abandoned rather than leak survey and re-use
15197773	800636	Replacement due to CP 15099 at 3rd and Rangeline - IUI - Grover	3	\$237,271.93	\$220,194.53	14.89%	IP on IP replaced for construction convenience
14771449	800726	Repl 4in PBS at 7th and Grand Joplin due to Leakage - MGE	3	\$104,212.62	\$81,242.76	22.04%	86' of 2" PL replaced for construction convenience
15308737	800796	Dunn Park - West of Hwy 71/E. Meyers Phase 1F - Miller	4	\$1,620,969.67	\$1,621,970.67	0.00%	Header main - No cost with small amount of plastic service abandonment, all transfers
15308234	800794	Dunn Park - West of Hwy 71/E. Meyers Phase 1A	4	\$1,645,635.65	\$1,645,635.65	0.00%	Header main - No cost with small amount of plastic service abandonment, all transfers
15594359	801142	Bare Steel Feeder Pressure Replacement - Sarcoxie Phase 3	4	\$389,483.50	\$389,483.50	0.00%	No PL abandoned.
15594353	801096	Bare Steel Feeder Pressure Replacement-Sarcoxie Phase 2	4	\$740,665.74	\$740,665.74	0.00%	No PL abandoned.
15555544	801040	Budd Park Header Main Phase 1 - IUI	4	\$1,715,867.89	\$1,715,867.89	0.00%	No Plastic abandonment (Main or Service)
15308605	800892	Dunn Park - West of Hwy 71/E. Meyers Phase 1F - Miller	4	\$863,602.77	\$863,602.77	0.00%	No Plastic abandonment (Main or Service)
15555569	801041	Budd Park Header Main Phase 2 - IUI	4	\$2,099,068.93	\$2,099,068.93	0.00%	No Plastic abandonment (Main or Service)
17280758	801835	Budd Park Header-6" Plastic-Benton Blvd to St IUI POWELL	4	\$1,286,142.33	\$1,286,142.33	0.00%	CONTINIST Status. New main installed at IP. Header main installed. No Plastic main abandoned. 6 Plastic services were abandoned due to inactivity.
16774354	801170	Brooklyn - 9th to 18th - Header Main-GPS	4	\$730,718.04	\$730,718.04	0.00%	New main installed at IP. Header main installed. No Plastic main abandoned.
15794391	801206	Windsor Bare Steel Replacement Phase 1 - Miller	4	\$644,412.82	\$644,412.82	0.00%	New main installed at IP. Header main installed. No Plastic main abandoned.
15618569	801099	Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1A - Miller	4	\$688,211.88	\$684,320.33	0.57%	New main installed at IP. Header main installed. No Plastic main abandoned. 2 PL services were replaced when they could have been tied over.
15566608	801148	Bare Steel Feeder Pressure Replacement - Sarcoxie Phase 1	4	\$475,971.99	\$475,971.99	0.00%	New main installed at IP. Header main installed. No Plastic main abandoned.
14409735	800028	WO# 14409735 Liberty Header - Phase 3 - IUI	4	\$180,656.56	\$179,834.89	0.45%	New main installed at IP. Header main installed. No Plastic main abandoned. 1 PL service abandoned due to inactivity. 1 PL service was replaced when it could have been tied over.
18548165	802003	ASBUILT Walnut and Willis Replacement - IUI	4	\$285,653.37	\$265,264.89	10.28%	Part of a city paving project. Plastic on Crysler was designed to be tied into, but was replaced in the field. Existing Main LP. New main installed at IP. Move fittings to utilize 149' of PL Main. Do not abandon and replace existing 617' of 3" PL Main. Remove 21 service tie overs.
14665852	800343	ASBUILT St. Joe's South Grid Phase 2G - MGE	3	\$697,234.68	\$637,708.26	8.54%	New plastic IP main installed to replace existing steel MP main. Plastic main abandoned on Joseph St, Flower Ave, and SW Parker Rd due to construction convenience. Plastic service abandonment footage from 2 replacements and 15 abandonments.
15220271	800661	ASBUILT Liberty - Grid Phase O - IUI	3	\$276,817.81	\$255,875.84	7.57%	PL was abandoned to avoid air testing and for ease of construction
17170177	801892	Estimate Hogbinville Strategic Grid Phase 1C - Miller	2	\$670,461.84	\$650,233.94	3.02%	PL was abandoned for ease of construction
14978386	800453	AS					

Spire Missouri West
 ISRS - Case # GO-2019-0116
 West Summary Data
 Appendix A - Schedule 4

WO Number/Project	Based Off	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
14451239 800094	ASBUILT	FY17 Strategic Grid MGE - Belton Phase 1D - IUI	2	\$362,175.72	\$358,205.04	1.10%	Existing main MP. New main installed at IP. Plastic main abandoned near Chestnut St between Main and 2nd St due to construction convenience. Plastic main abandoned on Margaret Ln due to construction convenience. Plastic service abandonment footage from 9 renewals and 6 abandonments. In scenario 2, 7 plastic service renewals were changed to transfers.
15801057 801214	Estimate	Winner Rd - Vermont to Fuller-IUI	3	\$1,649,649.03	\$1,633,841.79	0.96%	PL abandoned for ease of construction
18575552 802025	ASBUILT	33rd & Grand Strategic Grid Replacement Phase 1C	2	\$707,268.00	\$702,249.00	0.79%	33 feet would be pushed to phase 1D. 214 feet of upgrades and 3 service upgrades
15208728 800639	ASBUILT	East Downtown Phase 2 Bare Main Repl - IUI	2	\$907,344.83	\$900,404.32	0.76%	New plastic IP main installed to replace existing steel MP main. Plastic main abandoned on Grand Ave, Green St, 3rd St, Summit Ave, and Cooper Ave due to construction convenience. Plastic service abandonment footage from 11 service renewals and 1 service abandonment. In scenario 2, 10 service renewals were changed to transfers as they were all plastic services.
14584925 800287	ASBUILT	Webb City Phase 2 Grid Bare ST Replacement	2	\$274,528.00	\$272,843.28	0.61%	one segment of upgrade, other segments were abandoned due to lying in lower down on stub, no change in services
16425576 801547	Estimate	Windsor Bare Steel Replacement Phase 5-Miller	2	\$735,361.00	\$732,177.44	0.43%	PL was abandoned for ease of construction or abandoned at no cost
18511703 802023	ASBUILT	33rd & Grand Strategic Grid Replacement Phase 1A	1	\$203,740.00	\$202,988.00	0.38%	one service replace would be a tie over, added service locate cu
16863257 801862	ASBUILT	Sterling - E 57th St to of E 50th Terr - Header Main - IUI	2	\$1,642,782.51	\$1,637,999.16	0.29%	Existing Main IP. New main installed at IP. 1 service was replaced when it should have been tied over. Move tie in to utilize existing 42" of 12" PL IP Main. Move tie in to utilize 96" of 4" PL main. Tie into and utilize existing 52" of 2" PL IP Main.
15632244 801106	Estimate	Big Blue Battlefield BS & CI Main Replacement 1E	2	\$424,027.74	\$422,822.21	0.28%	2" Plastic main abandoned on 60th St due to construction convenience. Plastic Tie-in could be moved to utilize existing 4" plastic.
16425691 801549	Estimate	Windsor Bare Steel Replacement Phase 7-Miller	2	\$967,872.48	\$966,661.89	0.13%	PL was abandoned for ease of construction
15220255 800660	ASBUILT	Liberty - Grid Phase N - IUI	2	\$362,706.00	\$362,576.00	0.04%	Changed over 2 services from Renewal to Tie-Over, PL cap moved to utilize plastic main.
14568663 800344	ASBUILT	St. Joe's South Grid Phase 2H - MGE	1	\$229,622.55	\$229,622.55	0.00%	Existing main MP. New main installed at IP. No plastic main abandoned. All services were plastic and tied-over. No estimate changes.
16425684 801548	Estimate	Windsor Bare Steel Replacement Phase 6-Miller	1	\$296,105.67	\$296,105.67	0.00%	Existing Main MP. New main installed at IP. 10 Plastic services abandoned due to inactivity. No plastic main abandoned.
15630144 801103	ASBUILT	Big Blue Battlefield BS & CI Main Replacement 1D	2	\$868,802.00	\$871,609.00	-0.32%	4" PL & 6" PL main abandoned on E 62nd St due to construction convenience. Same with the 6" PL main on E 61st St.
18505946 801980	Estimate	Mayer Rd W of US Rt 24 Phase 2 - Spire	2	\$1,087,813.04	\$1,091,346.58	-0.32%	WASBUILT status. Existing Main MP. New main installed at IP. 5 PL services were abandoned due to inactivity. Uprate existing 246" of 2" PL MP Main. 4" of 2" PL MP Main was abandoned to separate pressure systems. Move tie ins to utilize 15" of 2" PL Main.
15632255 801107	ASBUILT	Big Blue Battlefield BS & CI Main Replacement 1F	2	\$1,195,290.15	\$1,202,879.20	-0.63%	Main abandoned and replaced rather than leak surveyed and utilized
18575555 802026	ASBUILT	33rd & Grand Strategic Grid Replacement Phase 1D	1	\$172,213.00	\$174,917.00	-1.57%	55 extra feet of upgrades, 33 feet transferred from phase 1C, no additional service upgrades
18575547 802024	ASBUILT	33rd & Grand Strategic Grid Replacement Phase 1B	2	\$49,435.00	\$52,181.31	-5.56%	27 feet of plastic could be upgraded
18704427 802085	N/A	Marlin-Clark Ave & Holden St - Spire	1	\$13,725.57	\$13,725.57	0.00%	No Analysis needed - no plastic abandoned
17607273 801968	N/A	CI Breaks - 28th Ter and Oakley - IUI	1	\$123,952.76	\$123,952.76	0.00%	No Analysis needed - no plastic abandoned
17670135 801883	N/A	49th and Chelsea - Replace 2in Bare Steel - IUI BRIDGES	1	\$84,441.36	\$84,441.36	0.00%	No Analysis needed - no plastic abandoned
16495894 801576	N/A	Willow Ave S of Truman Rd - IUI	1	\$278,216.93	\$278,216.93	0.00%	No Analysis needed - no plastic abandoned
16805872 801673	N/A	Exposed pipe - William Jewell College - West side of stadium - IUI	1	\$89,897.44	\$89,897.44	0.00%	No Analysis needed - no plastic abandoned
18955832 802276	N/A	20th and Jackson - Replace 2in Bare Steel - Spire	1	\$22,363.08	\$22,363.08	0.00%	No Analysis needed - no plastic abandoned
17170703 802171	N/A	Exposed pipe - 702 S F HWY - IUI	1	\$221,605.78	\$221,605.78	0.00%	No Analysis needed - no plastic abandoned
16775661 801810	N/A	Vine, Wayne, Linwood - 24th Ter to Flora - Header Main	4	\$985,053.66	\$985,053.66	0.00%	No Analysis needed - no plastic abandoned
16775501 801785	N/A	19th, Flora, 24th Ter - Brooklyn to Vine - Header Main - IUI (Pending Easements)	4	\$508,670.48	\$508,670.48	0.00%	No Analysis needed - no plastic abandoned
15632263 801108	N/A	Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1G - Miller	4	\$570,077.60	\$570,077.60	0.00%	No Analysis needed - no plastic abandoned
15044432 800528	N/A	Hwy. 291 Replacement Missouri River Crossing - South IUI	1	\$1,472,364.72	\$1,472,364.72	0.00%	No Analysis needed - no plastic abandoned
17357795 801884	N/A	Higginville DRS - Underground Main	1	\$30,148.35	\$30,148.35	0.00%	No Analysis needed - no plastic abandoned
14846294 800413	ASBUILT	Purcell Bare Steel Main Replacement Phase 1C	2	\$828,829.78	\$823,823.87	0.63%	PL abandoned for constructability
15247622 800718	ASBUILT	Purcell Phase D - Alba Uprate	2	\$79,084.45	\$79,084.45	0.00%	PL abandoned at no cost when valves abandoned
14880924 800653	N/A	Repl 2" BS "F" and Byers Joplin - MGE	1	\$20,591.89	\$20,591.89	0.00%	No Analysis needed - no plastic abandoned
16971121 801708	N/A	84th St - Bellevue Ave to Summit St - BS Mandated Sec 5	1	\$214,497.93	\$214,497.93	0.00%	No Analysis needed - no plastic abandoned
15223137 800668	Estimate	Neosho C-001 Bare Steel Main Replacement- Phase 1H	2	\$366,946.65	\$369,222.65	2.10%	FCOMP Status. Existing Main IP. New main installed at IP. Utilize 54" of PL IP main that had been previously abandoned due to tie in. Tie into existing 612" of PL IP Main to remove 9 service tie overs.
16007458 801304	Estimate	Budd Park Grid Main Replacement Phase 2D - IUI	2	\$489,148.81	\$490,364.71	-0.25%	Main abandoned and replaced rather than leak surveyed and utilized
16007947 801307	N/A	Budd Park Grid Main Replacement Phase 2G - IUI	1	\$574,448.86	\$574,448.86	0.00%	WO still in progress
16007701 801306	N/A	Budd Park Grid Main Replacement Phase 2F - IUI	1	\$681,546.69	\$681,546.69	0.00%	WO still in progress- PL main is being abandoned
16868975 801837	N/A	Central, Forest to 6th - Header Main	1	\$672,461.42	\$672,461.42	0.00%	WO still in progress- PL main is being abandoned
18974638 802235	N/A	ADR - 53rd Street & Troost Ave	6	\$50,514.76	\$50,514.76	0.00%	No Analysis needed - No Plastic Abandoned - ADR
17060696 802042	N/A	8th & Hardesty Grid Repl Phase 1B	1	\$441,230.88	\$441,230.88	0.00%	WO still in progress
16007373 801303	N/A	Budd Park Grid Main Replacement Phase 2C - IUI	1	\$451,280.34	\$451,280.34	0.00%	No Analysis needed - No Plastic Abandoned
16812146 801806	N/A	Wisconsin, 19th, Indiana - Little ct. to 18th - Header Main	4	\$388,091.97	\$388,091.97	0.00%	WO still in progress- PL main is being abandoned
15217625 800655	Estimate	Neosho C-001 Bare Steel Main Replacement- Phase 1C	2	\$509,398.38	\$509,233.59	0.03%	WASBUILT status. Asbuilt not completed. Existing Main IP. New main installed at IP. 43" of PL main was abandoned due to tie in. Tie into existing 220" of 2" PL IP Main instead of abandoning it to above 3 service tie overs.
16911045 801979	N/A	Indiana, E 51st St, Swope, Blue Pkwy - E 55th St to Cleveland - Header Main	4	\$520,683.24	\$520,683.24	0.00%	No Analysis needed - No Plastic Abandoned

Spire Missouri West
 ISRS - Case # GO-2019-0116
 Spire East BWO Summary
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Line No.	Spire East WO	Description	10/17 to 6/18 Additions
1		Service Line Replacements	
2	003816	BWO SERVICE LINE LEAK RESPONSIVE	\$ 22.43
3	003838	Mayfair Ph2 Repl CS w 8000'-20in TF	\$ 29.24
4	004152	BWO-Repl Svc w/ Pls (North Reg)	\$ 5,792,174.76
5	004153	BWO-Repl Svc w/ Pls (South Reg)	\$ 367,633.53
6	004287	BWO MATERIAL SERV LINE REPL CONT	\$ (503.49)
7	004416	BWO-REPLACE SERVICE	\$ 3,418.35
8	004501	BWO-Repl Svc w/ Pls (SW Reg)	\$ 347,456.20
9	004600	BWO SERVICE LINE REPL MODIFIED BLOC	\$ (6.80)
10	004601	BWO SERVICE LINE REPL MODIFIED BLOC	\$ (11.29)
11	004609	BWO MATERIAL SERV LINE REPL COMP	\$ 556.33
12	009217	BWO-Replace Svc w/ Steel (North)	\$ (1,692.43)
13	009218	BWO-Replace Svc w/ Steel (South)	\$ 16,686.81
14	009219	BWO-Replace Svc w/ Steel (Southwest)	\$ 17,552.09
15		Maintenance of Mains - MTCE	
16	007052	BWO Main Installed Mtce-North Reg	\$ 138,851.37
17	007053	BWO Mains Installed Mtce -South Reg	\$ 9,010.70
18	007054	BWO Mains Installed Mtce-Southwest	\$ 22,063.89
19		Joint Encapsulation - Cast Iron	
20	003969	BWO-Encapsulation Cast Iron Joints	\$ 126,862.64
21		Cathodic Protection	
22	016161	Install rectifier at Hwy 78&Powell	\$ (3.62)
23	017393	Ground Bed Replace - Armstrong (S)	\$ (75.43)
24	017434	Ground Bed Replace - Noel (SW)	\$ 17,249.77
25	017435	Ground Bed Replace -Greenfield(SW)	\$ (72.03)
26	017436	Ground Bed Replace -Diamond (SW)	\$ (88.90)
27	017438	Ground Bed Replace - Anderson (SW)	\$ 15,742.36
28	017439	Ground Bed Replace -16&Bellevue(N)	\$ (482.30)
29	018613	Rebuild rectifier - Hwy 40	\$ (301.55)
30	023633	Install rectifier N Peace Church Av	\$ 8,159.13
31	015654	Rebuild regulator #29	4353.03
Total			\$ 6,884,584.79

Spire West Blanket Work Order Summary

Service Line Replacement

Total Blanket WO Service Line Replacement Projects		837	
Total Blanket WO Service Line Replacement Project Dollars	\$	6,543,315.73	Sum of Lines 1-14

Blanket WO Service Line Replacement Categories

Steel and Copper	533	63.68%
Leak Repairs (other than Steel and Copper)	29	3.46%
Ineligible Items	153	18.28%
Service Line Replacement Program	122	14.58%

Service Line Replacement Summary

Eligible Items	684	81.72%
Ineligible Items	153	18.28%
Total	837	
Eligible Blanket WO Service Line Replacement Dollars	\$	5,347,225.76

Maintenance of Mains - MTCE

Total Blanket WO MTCE Projects	25
Total Blanket WO MTCE Project Dollars	\$ 169,925.96

Blanket WO MTCE Categories

**Spire Missouri West
 ISRS - Case # GO-2019-0116
 Spire East BWO Summary
 Appendix A - Schedule 5**

Leak Repair	4	16.00%
Ineligible Items	15	60.00%
Eligible Relocation (Civic Improvement)	1	4.00%
Cast Iron, Steel, Abandonments, or other eligible	5	20.00%

MTCE Summary

Eligible Items	10	40.00%
Ineligible Items	15	60.00%
Total	25	
Eligible Dollars	\$	67,970.38

Encapsulation - Cast Iron Joints

Total Eligible Blanket WO Encapsulation Project Dollars	\$	126,862.64	100%
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Mains - Cathodic Protections

Total Eligible Blanket WO Encapsulation Project Dollars	\$	40,127.43	100%
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Regulator Stations

Total Eligible Blanket WO Regulator Station Project Dollars	\$	4,353.03	100%
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*Joint Encapsulation, Cathodic Protection, and Regulator Station work resulted in no Maximo work orders being created

Total Eligible Blanket Work Order Dollars	\$	5,586,539.24
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Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
Mains Cathodic Protection							
376100-Mains - Steel	016161	F1193	Install rectifier at Hwy 78&Powell	201807	(0.89)	b	A, B, I, K
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201807	(15.86)	b	A, B, I, K
376100-Mains - Steel	017435	F1194	Ground Bed Replace -Greenfield(SW)	201807	(10.23)	b	A, B, I, K
376100-Mains - Steel	017436	F1194	Ground Bed Replace -Diamond (SW)	201807	(12.62)	b	A, B, I, K
376100-Mains - Steel	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201807	(68.48)	b	A, B, I, K
376100-Mains - Steel	018613	F1193	Rebuild rectifier - Hwy 40	201807	(17.92)	b	A, B, I, K
376100-Mains - Steel	016161	F1193	Install rectifier at Hwy 78&Powell	201808	(1.09)	b	A, B, I, K
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201808	(27.32)	b	A, B, I, K
376100-Mains - Steel	017435	F1194	Ground Bed Replace -Greenfield(SW)	201808	(28.25)	b	A, B, I, K
376100-Mains - Steel	017436	F1194	Ground Bed Replace -Diamond (SW)	201808	(34.88)	b	A, B, I, K
376100-Mains - Steel	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201808	(189.23)	b	A, B, I, K
376100-Mains - Steel	018613	F1193	Rebuild rectifier - Hwy 40	201808	(221.81)	b	A, B, I, K
376100-Mains - Steel	016161	F1193	Install rectifier at Hwy 78&Powell	201809	(1.64)	b	A, B, I, K
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201809	(32.25)	b	A, B, I, K
376100-Mains - Steel	017435	F1194	Ground Bed Replace -Greenfield(SW)	201809	(33.55)	b	A, B, I, K
376100-Mains - Steel	017436	F1194	Ground Bed Replace -Diamond (SW)	201809	(41.40)	b	A, B, I, K
376100-Mains - Steel	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201809	(224.59)	b	A, B, I, K
376100-Mains - Steel	018613	F1193	Rebuild rectifier - Hwy 40	201809	(61.82)	b	A, B, I, K
376100-Mains - Steel	023633	F1194	Install rectifier N Peace Church Av	201810	8,159.13	b	A, B, I, K
376100-Mains - Steel	017438	F1194	Ground Bed Replace - Anderson (SW)	201810	15,742.36	b	A, B, I, K
376100-Mains - Steel	017434	F1194	Ground Bed Replace - Noel (SW)	201810	17,249.77	b	A, B, I, K
Total Mains Cathodic Protection					40,127.43		
Mains Leak Clamps							
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201807	31,788.57	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201808	(10,118.02)	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201809	67,789.67	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201810	29,933.99	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201811	7,468.43	b	A, B, I, K
December Estimate				201812	50,000.00	b	A, B, I, K
January Estimate				201901	50,000.00	b	A, B, I, K
Total Main Leak Clamps					226,862.64		
Measuring and Regulating Station Equipment							
378000-Meas & Reg Station Equipment	015654	F1191	Rebuild regulator #29	201807	4,397.32	a	A, B, K, M
378000-Meas & Reg Station Equipment	015654	F1191	Rebuild regulator #29	201808	(19.75)	a	A, B, K, M
378000-Meas & Reg Station Equipment	015654	F1191	Rebuild regulator #29	201809	(24.54)	a	A, B, K, M
Total Measuring and Regulating Station Equipment					4,353.03		
Mains - Relocation							
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201807	(168.36)	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201807	0.01	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	(13.20)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	0.02	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	(3.32)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201807	3.79	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201807	(0.53)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201807	(258.61)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201807	89.23	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201807	(49.51)	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201807	(31.32)	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201807	47,767.45	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201808	(1,423.53)	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201808	(420.16)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201808	(14.99)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201808	90.56	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201808	(5.35)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201808	(23.23)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201808	(0.63)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201808	(6.95)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201808	(433.10)	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201808	525.66	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201808	208.14	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201808	8,185.14	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201809	(300.18)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	(21.96)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	0.01	c	na
376100-Mains - Steel	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201809	268.57	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	(4.76)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201809	3.09	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201809	(0.95)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201809	(8.35)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201809	37.19	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201809	(32.11)	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201809	(23.66)	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201809	5,754.46	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201810	(9,605.72)	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201810	94.96	c	na
376100-Mains - Steel	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201810	180.96	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201810	311.54	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201807	(12.02)	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201807	44,202.36	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	(331.97)	c	na
376100-Mains - Steel	801504	F0547	Reloc 2730F 4S 155th Kensington Ph1	201807	0.16	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201807	1.19	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201807	0.73	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201807	12,338.02	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201807	(1.89)	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201807	(0.79)	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201807	(1,573.74)	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201807	(362.58)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201807	95,430.93	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201807	(943.62)	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201807	21,444.22	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201807	(529.33)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201807	(0.82)	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201807	22.40	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201807	(229.22)	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201807	0.95	c	na

Spire Missouri West
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 ISRS Work Order Additions Jul 18 - Jan 19
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SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	(1,134.74)	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201807	(21.26)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201807	(1,684.03)	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	41.61	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201807	(52.72)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201807	495.75	c	na
376300-Mains - Plastic	801293	F0664	Reloc 1324F 6P 32nd St Central City	201807	(2,402.07)	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201807	(149.87)	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201807	(62.03)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201807	(12.87)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201807	(34.18)	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201807	(58.80)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	(265.04)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201807	(29.37)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201807	1,076.69	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham Sth of 64th	201807	20.27	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201807	76.14	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201807	(212.81)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201807	(2,428.31)	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201807	(63.59)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201807	576.17	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201807	390.49	e	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201807	(7.29)	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201807	2,168.41	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201807	(73.64)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201807	1,718.21	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201807	34.14	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201807	3,229.54	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201807	(935.52)	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201807	50,746.92	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201807	(1,924.50)	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201807	42,918.23	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201808	(15.13)	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201808	(3.55)	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201808	(642.87)	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201808	0.16	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201808	(1,933.89)	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201808	(1,110.53)	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201808	24,393.54	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201808	4,182.65	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201808	(0.91)	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F 2P Marlborough WestPh3	201808	(5,783.43)	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201808	(3,045.79)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201808	(1,297.28)	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201808	(1,929.72)	c	na
376300-Mains - Plastic	800950	F0664	Reloc 1170F 2-4P 4th & School Ph 1	201808	13,599.14	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201808	17,869.76	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201808	(5,312.23)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201808	(1.02)	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201808	(6,650.22)	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201808	(553.69)	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201808	8,029.25	c	na
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201808	22,675.78	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201808	(5,143.63)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201808	(4,060.60)	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201808	52.55	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201808	(66.44)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201808	(426.62)	c	na
376300-Mains - Plastic	801287	F0664	Reloc 810F 4P 20th St. Connecticut	201808	(45.10)	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201808	223,010.98	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201808	515.60	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201808	(100.82)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201808	(132.98)	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201808	(42.82)	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201808	70,947.89	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201808	246.14	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201808	(5,805.16)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201808	(37.27)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham N of 64th	201808	5,757.60	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham Sth of 64th	201808	(2,538.81)	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201808	(9,586.73)	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201808	(738.10)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201808	(2,282.08)	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201808	(1,472.65)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201808	(76.32)	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201808	1.17	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201808	(77.12)	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201808	1,887.88	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201808	(1,395.90)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201808	(502.79)	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201808	347,994.15	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201808	3,353.17	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201808	4,718.46	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201808	6,217.76	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&89th	201808	108,506.16	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201808	19,723.61	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201808	(583.33)	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201808	508.56	c	na
376300-Mains - Plastic	801927	F0547	Reloc 456F 2-4P SpringValley & 96th	201808	101,033.07	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201808	61,989.03	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201809	(22.14)	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201809	(2.32)	c	na
376300-Mains - Plastic	802044	F0547	Reloc 2517F 2-4P Prospect WalnutEim	201809	(619.94)	c	na
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201809	0.28	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201809	2.07	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201809	1.32	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201809	(134.01)	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201809	(40,338.37)	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201809	(1.29)	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F 2P Marlborough WestPh3	201809	25,771.38	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201809	(188,788.41)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201809	(14,252.67)	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201809	(2,294.16)	c	na
376300-Mains - Plastic	800950	F0664	Reloc 1170F 2-4P 4th & School Ph 1	201809	4,987.84	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201809	(3,896.23)	c	na

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201809	18,992.10	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201809	(1.46)	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201809	30,084.15	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201809	16.71	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201809	9,845.52	c	na
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	(461.58)	c	na
376300-Mains - Plastic	801070	F0547	Reloc 250F 2P PBS CLAYCOMO IUI	201809	1.72	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P PleasantVal Ph2	201809	(2,029.98)	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201809	15,973.96	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201809	9,994.12	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	77.54	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201809	(96.74)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201809	(145.91)	c	na
376300-Mains - Plastic	801287	F0664	Reloc 810F 4P 20th St. Connecticut	201809	6,193.15	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201809	(2,154.02)	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201809	(1,506.83)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201809	(89.81)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201809	(41.57)	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201809	(71.94)	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201809	(52.99)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	(131.45)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201809	(502.44)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201809	(54.90)	c	na
376300-Mains - Plastic	801578	F0547	Reloc 395F 2-8P N Chatham N of 64th	201809	(535.04)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham Sth of 64th	201809	5.23	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201809	13.17	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201809	(6,348.35)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201809	(1,914.66)	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201809	(135.16)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201809	(59.48)	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201809	(24.63)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201809	12.87	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201809	(1,186.56)	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201809	(133.97)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201809	6,537.83	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201809	132,735.67	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201809	(1,082.03)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201809	(134.87)	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201809	(706.29)	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th89th	201809	(857.86)	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201809	(3,376.12)	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201809	19,421.67	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201809	(299.72)	c	na
376300-Mains - Plastic	801927	F0547	Reloc 456F 2-4P SpringValley & 96th	201809	(826.12)	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201809	5,775.42	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201809	34,423.00	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201810	(40,240.43)	c	na
376300-Mains - Plastic	802044	F0547	Reloc 2517F 2-4P Prospect WalnutEim	201810	(31,860.03)	c	na
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201810	(20,283.96)	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201810	(18,984.35)	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201810	(6,951.24)	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th89th	201810	(4,577.52)	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201810	26.48	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201810	82.39	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201810	173.18	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201810	1,133.29	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201810	2,359.29	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201810	3,313.26	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201810	4,035.87	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201810	6,817.96	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201810	7,216.58	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201810	9,650.56	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201810	19,342.07	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201810	23,397.61	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201810	56,639.43	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201810	57,450.12	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201810	126,429.06	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201810	165,500.46	c	na
376300-Mains - Plastic	802220	F0547	Reloc 1595F 2P Edgerton - Belt Ave	201811	(415.35)	c	na
376300-Mains - Plastic	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201811	(171.64)	c	na
376300-Mains - Plastic	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201811	(47.79)	c	na
376300-Mains - Plastic	800586	F0547	Reloc w/ 8935F 2P Marlborough Ph5	201811	(41.31)	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th89th	201811	(38.53)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201811	(15.83)	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201811	(5.29)	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201811	(0.96)	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201811	0.10	c	na
376300-Mains - Plastic	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201811	8.49	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201811	301.92	c	na
376300-Mains - Plastic	801927	F0547	Reloc 456F 2-4P SpringValley & 96th	201811	565.28	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201811	610.71	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201811	1,918.89	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201811	3,421.69	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201811	5,846.93	c	na
376300-Mains - Plastic	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201811	27,241.12	c	na
376300-Mains - Plastic	802311	F0547	Reloc 735F 4P N Oak-Hill to Indiana	201811	32,779.39	c	na
376300-Mains - Plastic	802220	F0547	Reloc 1595F 2P Edgerton - Belt Ave	201811	44,000.30	c	na
376300-Mains - Plastic	802222	F0547	Reloc 150F 6P 12th & Charlotte	201811	47,681.06	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201811	50,769.38	c	na
376300-Mains - Plastic	801958	F0547	Reloc 393F 4P Prospect at 35th	201811	251,637.84	c	na
376300-Mains - Plastic	801921	F0547	Reloc 2160F 2-4P Old Pike / NW 53rd	201811	252,150.51	c	na
December Estimate				201812	295,000.00	a,c	A, B, C, F
January Estimate				201901	40,000.00	a,c	A, B, C, F
Total Main Relocations					2,755,305.43		
Mains - Replacements							
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201807	22.82	a	A, B, C, K
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201808	(12.37)	a	A, B, C, K
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201809	1.25	a	A, B, C, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mice-North Reg	201807	12,945.60	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mice -South Reg	201807	5,053.06	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mice-Southwest	201807	41.12	a	A, B, C, D, E, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201808	3,591.21	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201808	(1,241.45)	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201808	7,747.33	a	A, B, C, D, E, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201809	1,955.98	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201809	(285.28)	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201809	(505.10)	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201810	69.69	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201810	1,524.23	a	A, B, C, D, E, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201810	27,470.60	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201811	8.26	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201811	17.98	a	A, B, C, D, E, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201811	9,577.16	a	A, B, C, D, E, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201807	912.54	a	A, B, C, K
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201807	0.15	a	A, B, C, K
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201807	(1.23)	a	A, B, C, K
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201807	90.04	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201807	0.12	a	A, B, C, K
376100-Mains - Steel	800528	F0604	Repl w 2550F 20S Hwy291 MoRiver Sou	201807	(13,833.53)	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201807	1.38	a	A, B, C, K
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201807	13.40	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201807	(39.00)	a	A, B, C, K
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201807	108,928.17	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcoux Phase 2	201807	4.05	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcoux Phase 3	201807	(40.65)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcoux Ph 1	201807	11.81	a	A, B, C, K
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201807	(8.00)	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201807	(1,253.51)	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201807	4.60	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201807	105.75	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201807	510.89	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201808	4,005.97	a	A, B, C, K
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201808	(1.69)	a	A, B, C, K
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201808	(0.71)	a	A, B, C, K
376100-Mains - Steel	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201808	174.85	a	A, B, C, K
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201808	(18.53)	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201808	13,375.57	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201808	1.77	a	A, B, C, K
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201808	(7,167.77)	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201808	(1,366.11)	a	A, B, C, K
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201808	(258.50)	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcoux Phase 2	201808	(173.40)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcoux Phase 3	201808	(231.38)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcoux Ph 1	201808	15.32	a	A, B, C, K
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201808	(8.00)	a	A, B, C, K
376100-Mains - Steel	801360	F0599	Aband 891F 6S 1803 NE 60th Terr	201808	(5,108.42)	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201808	(599.11)	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	5.28	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201808	(5.77)	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201808	(1,552.66)	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201809	1,085.06	a	A, B, C, K
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201809	61.48	a	A, B, C, K
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201809	(1.05)	a	A, B, C, K
376100-Mains - Steel	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201809	(0.81)	a	A, B, C, K
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201809	22,814.81	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201809	0.19	a	A, B, C, K
376100-Mains - Steel	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201809	16,027.94	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201809	2.56	a	A, B, C, K
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201809	(4.20)	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201809	38,489.52	a	A, B, C, K
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201809	103.15	a	A, B, C, K
376100-Mains - Steel	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201809	20,828.71	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcoux Phase 2	201809	(27.32)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcoux Phase 3	201809	(93.96)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcoux Ph 1	201809	10.51	a	A, B, C, K
376100-Mains - Steel	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201809	5,643.64	a	A, B, C, K
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201809	(12.44)	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201809	(684.04)	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201809	0.89	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201807	(7.00)	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201809	(1,278.43)	a	A, B, C, K
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201810	(95,401.39)	a	A, B, C, K
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201810	(1,835.58)	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201810	(9.78)	a	A, B, C, K
376100-Mains - Steel	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201810	(0.48)	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201810	0.59	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201810	1.56	a	A, B, C, K
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201810	419.16	a	A, B, C, K
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201810	319,175.22	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201810	(3.11)	a	A, B, C, K
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201811	(219.59)	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201811	(0.05)	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201811	(0.03)	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201811	3.10	a	A, B, C, K
376100-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201811	28.23	a	A, B, C, K
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201811	92.20	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201807	22.47	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201807	0.77	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201807	(25.73)	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201807	(538.63)	a	A, B, C, K
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201807	8,616.59	a	A, B, C, K
376300-Mains - Plastic	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201807	3,779.78	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201807	(2.86)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201807	(2.89)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201807	(0.34)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201807	2.12	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201807	(58.33)	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201807	(141.28)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201807	(0.41)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201807	(14.77)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201807	4.18	a	A, B, C, K
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201807	(705.00)	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201807	14.60	a	A, B, C, K
376300-Mains - Plastic	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201807	6.85	a	A, B, C, K
376300-Mains - Plastic	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201807	0.78	a	A, B, C, K
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201807	11,829.29	a	A, B, C, K

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376300-Mains - Plastic	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201807	7.42	a	A, B, C, K
376300-Mains - Plastic	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201807	16.84	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201807	38.60	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUJ	201807	(129,263.46)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201807	(10.34)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201807	(1.38)	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w 8006F 2&P Pleasant Hill Ph3	201807	75.10	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&P Pleasant Hill Ph4	201807	(4.57)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201807	(22.07)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w 8606F 2P Pleasant Hill Ph6	201807	(429.89)	a	A, B, C, K
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201807	2,492.71	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201807	1,384.64	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201807	(2.92)	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201807	(12,420.49)	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201807	(8.78)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2&P Carrollton Phase C	201807	(50.68)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201807	(40.41)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201807	(27.47)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201807	8.38	a	A, B, C, K
376300-Mains - Plastic	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201807	(12.03)	a	A, B, C, K
376300-Mains - Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201807	(21.97)	a	A, B, C, K
376300-Mains - Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201807	27.51	a	A, B, C, K
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201807	4,257.57	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201807	(43.73)	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201807	(21.78)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201807	(19.44)	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201807	(510.55)	a	A, B, C, K
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201807	(708.31)	a	A, B, C, K
376300-Mains - Plastic	800335	F0599	St. Joe's South Grid Phase 2A - MGE	201807	(16,483.38)	a	A, B, C, K
376300-Mains - Plastic	800336	F0599	Repl w/ 3147F 4-8P St Joe's Ph2B	201807	(3,212.60)	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201807	96.11	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201807	145.03	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201807	1,193.68	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w/ 6935F 2-2P St Joe South - 2F	201807	1,467.23	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201807	(36.49)	a	A, B, C, K
376300-Mains - Plastic	800412	F0572	Repl w/ 5734F 2-4P Purcell 1B	201807	1.15	a	A, B, C, K
376300-Mains - Plastic	800413	F0572	Repl w/ 8139F Purcell Ph 1C	201807	(3,527.28)	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201807	(561.47)	a	A, B, C, K
376300-Mains - Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201807	470.08	a	A, B, C, K
376300-Mains - Plastic	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	201807	50,457.48	a	A, B, C, K
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201807	0.54	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201807	(5.67)	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201807	224.50	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201807	24.85	a	A, B, C, K
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201807	(1,374.79)	a	A, B, C, K
376300-Mains - Plastic	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201807	(15,523.44)	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201807	(1.11)	a	A, B, C, K
376300-Mains - Plastic	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201807	(54.09)	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201807	384.96	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201807	14,057.67	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201807	972.80	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201807	(55,033.65)	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201807	28,923.05	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201807	243,688.61	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201807	(21.10)	a	A, B, C, K
376300-Mains - Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201807	(47,331.49)	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201807	21.04	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201807	4.10	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201807	(5.18)	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201807	(5.61)	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201807	0.32	a	A, B, C, K
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201807	784.91	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201807	(6.29)	a	A, B, C, K
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUJ	201807	(22.72)	a	A, B, C, K
376300-Mains - Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201807	(43.67)	a	A, B, C, K
376300-Mains - Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201807	(238.47)	a	A, B, C, K
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201807	6,284.31	a	A, B, C, K
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201807	895.05	a	A, B, C, K
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201807	(29,065.38)	a	A, B, C, K
376300-Mains - Plastic	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201807	7,152.70	a	A, B, C, K
376300-Mains - Plastic	800702	F0599	Repl w 4442F 2-4-6-8P Wornall@85th	201807	(17.16)	a	A, B, C, K
376300-Mains - Plastic	800718	F0572	Repl w 22F 4P - Purcell Phase D	201807	(3,193.88)	a	A, B, C, K
376300-Mains - Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201807	474.37	a	A, B, C, K
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 (Gregory Ph N	201807	(13,762.79)	a	A, B, C, K
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 (Gregory Ph O	201807	6.49	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201807	(2.55)	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201807	87.36	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201807	42.93	a	A, B, C, K
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201807	(244,614.94)	a	A, B, C, K
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201807	(10,770.10)	a	A, B, C, K
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201807	(59,886.85)	a	A, B, C, K
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201807	(1,768.07)	a	A, B, C, K
376300-Mains - Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201807	3,111.80	a	A, B, C, K
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201807	991.90	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201807	3,914.07	a	A, B, C, K
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201807	(354.25)	a	A, B, C, K
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201807	(571.51)	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201807	4,725.12	a	A, B, C, K
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201807	(518.41)	a	A, B, C, K
376300-Mains - Plastic	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201807	(63.11)	a	A, B, C, K
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201807	(909.90)	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201807	(5.35)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201807	(6,777.10)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201807	(8,589.94)	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201807	(168.76)	a	A, B, C, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201807	(1.65)	a	A, B, C, K
376300-Mains - Plastic	800921	F0599	Repl 1448F 2-4P Benton & 55th	201807	(2,214.94)	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201807	426.23	a	A, B, C, K
376300-Mains - Plastic	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201807	(1.14)	a	A, B, C, K
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201807	4,723.58	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201807	(7.30)	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201807	(82,687.91)	a	A, B, C, K
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201807	7,339.08	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201807	(40.99)	a	A, B, C, K
376300-Mains - Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201807	(1.82)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201807	(226.42)	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201807	(774.34)	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201807	1,537.67	a	A, B, C, K
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201807	41,207.58	a	A, B, C, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201807	252.32	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201807	(133.03)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201807	1.48	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201807	(43.32)	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201807	(22.54)	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201807	(15,894.44)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201807	(188.06)	a	A, B, C, K
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201807	(19,266.89)	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201807	115.86	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Sheley & E33rd Ter	201807	143.83	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201807	(3.09)	a	A, B, C, K
376300-Mains - Plastic	801224	F0599	Repl 1282F 2P 61st & Indiana	201807	7,273.49	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201807	4.14	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201807	2,387.39	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201807	5,300.96	a	A, B, C, K
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201807	(1,480.18)	a	A, B, C, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201807	7.97	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201807	4,012.05	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201807	370.97	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201807	6,923.09	a	A, B, C, K
376300-Mains - Plastic	801297	F0599	Repl 380F 2P Cherry and Gilham Rd	201807	443.23	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201807	(15,211.62)	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201807	1,588.89	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201807	56,040.22	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201807	(1.71)	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201807	2,162.70	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201807	(7.99)	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201807	(3.12)	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201807	12.51	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201807	(595.92)	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201807	(5,713.93)	a	A, B, C, K
376300-Mains - Plastic	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201807	21,840.95	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201807	(2.15)	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201807	20,110.23	a	A, B, C, K
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201807	13,760.79	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201807	(8,131.03)	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201807	26,800.74	a	A, B, C, K
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201807	(6,789.92)	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201807	25,876.36	a	A, B, C, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201807	377.39	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201807	(88.11)	a	A, B, C, K
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201807	(3,798.88)	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201807	18,900.65	a	A, B, C, K
376300-Mains - Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201807	7,818.35	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201807	8,558.86	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201807	(5,362.10)	a	A, B, C, K
376300-Mains - Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201807	6,461.82	a	A, B, C, K
376300-Mains - Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201807	21,824.50	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201807	342.76	a	A, B, C, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201807	601.18	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Wornall	201807	(357.51)	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-1st Ter/51 St	201807	(31,432.48)	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201807	8.40	a	A, B, C, K
376300-Mains - Plastic	801770	F0599	Repl 5170F 8P Brooklyn 9th to 19th	201807	208.26	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201807	(3,164.08)	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201807	(1,857.39)	a	A, B, C, K
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201807	402.52	a	A, B, C, K
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201807	7,197.16	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201807	156,114.96	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201807	(55.42)	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201807	41,956.30	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201807	453.84	a	A, B, C, K
376300-Mains - Plastic	801874	F0572	Repl 885F 4P 111 N Turk - Joplin	201807	(235.01)	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201807	37,830.13	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201807	11,941.66	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201807	155,400.41	a	A, B, C, K
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201807	12,128.14	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201807	81,119.57	a	A, B, C, K
376300-Mains - Plastic	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201807	142,888.26	a	A, B, C, K
376300-Mains - Plastic	802024	F0604	Repl 5F 4P 33rd & Grand Phase 1B	201807	11,792.27	a	A, B, C, K
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201807	9,021.75	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201808	28.21	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201808	0.59	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201808	(889.52)	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201808	(7,633.95)	a	A, B, C, K
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201808	31,006.08	a	A, B, C, K
376300-Mains - Plastic	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201808	(722.68)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201808	(3.63)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201808	(3.70)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201808	(0.41)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201808	2.74	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201808	(111.31)	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201808	5,137.29	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201808	(0.40)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201808	(14.32)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201808	5.60	a	A, B, C, K
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201808	(1,984.30)	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201808	18.64	a	A, B, C, K
376300-Mains - Plastic	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201808	72,065.71	a	A, B, C, K
376300-Mains - Plastic	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201808	1.02	a	A, B, C, K
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201808	61,107.11	a	A, B, C, K
376300-Mains - Plastic	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201808	(73.52)	a	A, B, C, K
376300-Mains - Plastic	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201808	(135.77)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201808	(302.56)	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201808	(26.80)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201808	(12.22)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201808	(1.76)	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201808	95.27	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201808	(6.76)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201808	(27.91)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201808	(1,117.47)	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201808	(7.07)	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201808	(9.19)	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201808	(3.65)	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201808	(33.61)	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201808	(11.11)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201808	(55.19)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201808	(50.22)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201808	(30.21)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201808	9.20	a	A, B, C, K
376300-Mains - Plastic	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201808	(9,264.74)	a	A, B, C, K
376300-Mains - Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201808	15,853.71	a	A, B, C, K
376300-Mains - Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201808	(317.54)	a	A, B, C, K
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201808	567.69	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201808	(55.48)	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201808	(12.39)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201808	(43.83)	a	A, B, C, K
376300-Mains - Plastic	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201808	114,063.16	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201808	47,727.23	a	A, B, C, K
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201808	16,455.38	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201808	(335.55)	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St Joe's Ph2D	201808	(668.02)	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201808	(13,471.38)	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201808	(13,034.09)	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201808	(801.70)	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201808	(1,210.37)	a	A, B, C, K
376300-Mains - Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201808	(96.79)	a	A, B, C, K
376300-Mains - Plastic	800435	F0604	Repl w 12550F 2-4P TC Lea & Krieger	201808	267.30	a	A, B, C, K
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201808	0.66	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201808	(7.22)	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201808	(1,438.23)	a	A, B, C, K
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Maves-W R124 Ph1	201808	907,964.65	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201808	(7,000.85)	a	A, B, C, K
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201808	(3,313.08)	a	A, B, C, K
376300-Mains - Plastic	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201808	375.98	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201808	(1.39)	a	A, B, C, K
376300-Mains - Plastic	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201808	(1,016.20)	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201808	(2,032.82)	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201808	(8,537.05)	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201808	(76,643.47)	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201808	(20,459.03)	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201808	(14,209.13)	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201808	88,052.30	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201808	(26.61)	a	A, B, C, K
376300-Mains - Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201808	(66.71)	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201808	26.56	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201808	5.26	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201808	(6.52)	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201808	(7.06)	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201808	0.33	a	A, B, C, K
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201808	(6,151.46)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201808	(7.95)	a	A, B, C, K
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUJ	201808	(76.56)	a	A, B, C, K
376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201808	417,111.12	a	A, B, C, K
376300-Mains - Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201808	(55.38)	a	A, B, C, K
376300-Mains - Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201808	(529.94)	a	A, B, C, K
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201808	27,028.61	a	A, B, C, K
376300-Mains - Plastic	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201808	531,717.12	a	A, B, C, K
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201808	(62,438.20)	a	A, B, C, K
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201808	1.27	a	A, B, C, K
376300-Mains - Plastic	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201808	(38.04)	a	A, B, C, K
376300-Mains - Plastic	800702	F0599	Repl w 4442F 2-4-6-8P Wornall@85th	201808	(740.44)	a	A, B, C, K
376300-Mains - Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201808	15,982.00	a	A, B, C, K
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201808	39,380.77	a	A, B, C, K
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201808	3.01	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201808	(3.21)	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201808	(70.41)	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201808	(266.69)	a	A, B, C, K
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201808	(330.44)	a	A, B, C, K
376300-Mains - Plastic	800761	F0604	Repl 9880F 2-4P Concordia Phase D	201808	18,946.39	a	A, B, C, K
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201808	(596.27)	a	A, B, C, K
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S Concordia Ph F	201808	(61,939.11)	a	A, B, C, K
376300-Mains - Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201808	(231.66)	a	A, B, C, K
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201808	(1,070.45)	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201808	24,376.13	a	A, B, C, K
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201808	(1,109.11)	a	A, B, C, K
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201808	(1,388.24)	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201808	4,700.66	a	A, B, C, K
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201808	(355.73)	a	A, B, C, K
376300-Mains - Plastic	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201808	(480.74)	a	A, B, C, K
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201808	(2,746.96)	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201808	(6.82)	a	A, B, C, K
376300-Mains - Plastic	800853	F0572	Repl 285F 2P Byers Joplin	201808	6,312.67	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201808	(2.79)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201808	(7.27)	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201808	11,717.64	a	A, B, C, K
376300-Mains - Plastic	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201808	428.52	a	A, B, C, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201808	(2.01)	a	A, B, C, K
376300-Mains - Plastic	800921	F0599	Repl 1448F 2-4P Benton & 55th	201808	1,160.64	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201808	(1,663.39)	a	A, B, C, K
376300-Mains - Plastic	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201808	(323.98)	a	A, B, C, K
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201808	(9,502.56)	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201808	(9.12)	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201808	(1,940.12)	a	A, B, C, K
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201808	(2,537.19)	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201808	(51.32)	a	A, B, C, K
376300-Mains - Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201808	(2.15)	a	A, B, C, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201808	(570.32)	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201808	(5,398.62)	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201808	3,441.94	a	A, B, C, K
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201808	(2,108.79)	a	A, B, C, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201808	(2,046.33)	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201808	(148.63)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201808	1.84	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201808	(10.15)	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201808	(28.44)	a	A, B, C, K

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376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201808	(1,744.99)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201808	(197.12)	a	A, B, C, K
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201808	6,791.55	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201808	(717.93)	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201808	26,743.31	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201808	(3.94)	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201808	5.22	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201808	9,853.24	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201808	30,026.93	a	A, B, C, K
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201808	(2,082.69)	a	A, B, C, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201808	2.68	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201808	(15,126.10)	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201808	(2,694.73)	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201808	(898.84)	a	A, B, C, K
376300-Mains - Plastic	801297	F0599	Repl 380F 2P Cherry and Gillham Rd	201808	32,643.59	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201808	(18,788.85)	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201808	(26,111.44)	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201808	89,416.21	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201808	(2.12)	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201808	6,126.68	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201808	(10.04)	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201808	(3.95)	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201808	(548.19)	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201808	(1,781.30)	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201808	(1,829.62)	a	A, B, C, K
376300-Mains - Plastic	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201808	(20,350.65)	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201808	(2.72)	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201808	5,067.02	a	A, B, C, K
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201808	(2,178.50)	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201808	22,382.69	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201808	(19,984.59)	a	A, B, C, K
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201808	11,727.13	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	29,554.13	a	A, B, C, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201808	(202.49)	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201808	(728.00)	a	A, B, C, K
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201808	(1,059.78)	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201808	(1,029.41)	a	A, B, C, K
376300-Mains - Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201808	(1,389.47)	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201808	(1,627.34)	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201808	(719.40)	a	A, B, C, K
376300-Mains - Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201808	(732.55)	a	A, B, C, K
376300-Mains - Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201808	15,679.55	a	A, B, C, K
376300-Mains - Plastic	801673	F0599	Repl 530F 2P William Jewell College	201808	49,051.48	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201808	(2,747.82)	a	A, B, C, K
376300-Mains - Plastic	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201808	176,409.68	a	A, B, C, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201808	(648.31)	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th - Summit/Wornall	201808	7,002.25	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut 51 Ter/51 St	201808	(934.51)	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201808	(1,590.67)	a	A, B, C, K
376300-Mains - Plastic	801770	F0599	Repl 5170F 8P Brooklyn 9th to 19th	201808	24,365.20	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201808	(726.19)	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201808	13,258.23	a	A, B, C, K
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201808	(752.29)	a	A, B, C, K
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201808	10,584.79	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201808	303,870.86	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201808	(3,234.57)	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201808	1,282,848.00	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201808	36,144.58	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201808	3,566.46	a	A, B, C, K
376300-Mains - Plastic	801874	F0572	Repl 885F 4P 111 N Turk - Joplin	201808	(12.93)	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201808	(6,006.14)	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201808	18,657.84	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201808	14,024.37	a	A, B, C, K
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201808	33,818.15	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201808	83,572.85	a	A, B, C, K
376300-Mains - Plastic	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201808	42,347.25	a	A, B, C, K
376300-Mains - Plastic	802024	F0604	Repl 5F 4P 33rd & Grand Phase 1B	201808	(1,450.33)	a	A, B, C, K
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201808	(1,813.65)	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201808	40.88	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201809	2.38	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201809	(174.42)	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201809	148,345.88	a	A, B, C, K
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201809	4,825.11	a	A, B, C, K
376300-Mains - Plastic	800094	F0604	Repl 4717F 2P Belton Phase 1D	201809	261,075.82	a	A, B, C, K
376300-Mains - Plastic	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201809	(12,038.37)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201809	(5.41)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201809	(5.31)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201809	(0.60)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201809	3.99	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201809	(113.67)	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201809	(122.51)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201809	(0.58)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201809	(20.96)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201809	(7.96)	a	A, B, C, K
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201809	(19,652.65)	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201809	27.21	a	A, B, C, K
376300-Mains - Plastic	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201809	6.35	a	A, B, C, K
376300-Mains - Plastic	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201809	(75,864.87)	a	A, B, C, K
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201809	(1.39)	a	A, B, C, K
376300-Mains - Plastic	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201809	20,249.72	a	A, B, C, K
376300-Mains - Plastic	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201809	(92,742.62)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201809	21.42	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201809	(39.08)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201809	(17.15)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201809	(2.53)	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201809	138.99	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201809	(8.48)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201809	(40.72)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201809	(887.47)	a	A, B, C, K
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201809	(10.28)	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201809	(13.47)	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201809	(6,230.41)	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201809	(49.22)	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201809	(16.25)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332f 2p Carrollton Phase C	201809	(80.82)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains- Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201809	(73.92)	a	A, B, C, K
376300-Mains- Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201809	(44.24)	a	A, B, C, K
376300-Mains- Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201809	6.24	a	A, B, C, K
376300-Mains- Plastic	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201809	(40.79)	a	A, B, C, K
376300-Mains- Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201809	(79.65)	a	A, B, C, K
376300-Mains- Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201809	11,611.10	a	A, B, C, K
376300-Mains- Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201809	469.99	a	A, B, C, K
376300-Mains- Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201809	(80.73)	a	A, B, C, K
376300-Mains- Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201809	(18.37)	a	A, B, C, K
376300-Mains- Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201809	(64.31)	a	A, B, C, K
376300-Mains- Plastic	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201809	(525.78)	a	A, B, C, K
376300-Mains- Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201809	(1,270.86)	a	A, B, C, K
376300-Mains- Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201809	(7,933.53)	a	A, B, C, K
376300-Mains- Plastic	800338	F0599	Repl w 4888F 2-6P St Joe Grid Ph 2C	201809	69.92	a	A, B, C, K
376300-Mains- Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201809	101.73	a	A, B, C, K
376300-Mains- Plastic	800341	F0599	Repl w/ 4794F 2-6P St. Joe's Ph2E	201809	8,347.85	a	A, B, C, K
376300-Mains- Plastic	800342	F0599	Repl w/ 6935F 2-6P St. Joe South - 2F	201809	2,304.26	a	A, B, C, K
376300-Mains- Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201809	451,083.88	a	A, B, C, K
376300-Mains- Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201809	(148.30)	a	A, B, C, K
376300-Mains- Plastic	800413	F0572	Repl w/ 8139F Purcell Ph 1C	201809	(5,316.57)	a	A, B, C, K
376300-Mains- Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201809	(1,084.57)	a	A, B, C, K
376300-Mains- Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201809	119,102.74	a	A, B, C, K
376300-Mains- Plastic	800435	F0604	Repl w 12550F 2-4P TC Lea & Krieger	201809	(10,409.90)	a	A, B, C, K
376300-Mains- Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201809	0.95	a	A, B, C, K
376300-Mains- Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201809	(10.64)	a	A, B, C, K
376300-Mains- Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201809	12,168.94	a	A, B, C, K
376300-Mains- Plastic	800453	F0604	Repl 10635F 2-4-6P Mayes-W Rt24 Ph1	201809	3,620.54	a	A, B, C, K
376300-Mains- Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201809	4.66	a	A, B, C, K
376300-Mains- Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201809	(23,927.44)	a	A, B, C, K
376300-Mains- Plastic	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201809	30,860.27	a	A, B, C, K
376300-Mains- Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201809	(2.08)	a	A, B, C, K
376300-Mains- Plastic	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201809	75,618.23	a	A, B, C, K
376300-Mains- Plastic	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201809	173,288.01	a	A, B, C, K
376300-Mains- Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201809	104,465.23	a	A, B, C, K
376300-Mains- Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201809	9,729.26	a	A, B, C, K
376300-Mains- Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201809	8,317.51	a	A, B, C, K
376300-Mains- Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201809	37,440.37	a	A, B, C, K
376300-Mains- Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201809	(129,707.71)	a	A, B, C, K
376300-Mains- Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201809	(38.49)	a	A, B, C, K
376300-Mains- Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201809	(99.29)	a	A, B, C, K
376300-Mains- Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201809	38.82	a	A, B, C, K
376300-Mains- Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201809	7.68	a	A, B, C, K
376300-Mains- Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201809	(9.47)	a	A, B, C, K
376300-Mains- Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201809	(10.23)	a	A, B, C, K
376300-Mains- Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201809	0.54	a	A, B, C, K
376300-Mains- Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201809	333.54	a	A, B, C, K
376300-Mains- Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201809	(11.64)	a	A, B, C, K
376300-Mains- Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201809	24,592.40	a	A, B, C, K
376300-Mains- Plastic	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201809	62,256.30	a	A, B, C, K
376300-Mains- Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201809	(12,351.35)	a	A, B, C, K
376300-Mains- Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201809	(9,601.21)	a	A, B, C, K
376300-Mains- Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201809	(27,076.45)	a	A, B, C, K
376300-Mains- Plastic	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201809	68,821.78	a	A, B, C, K
376300-Mains- Plastic	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201809	285,838.70	a	A, B, C, K
376300-Mains- Plastic	800668	F0572	Repl 7315F 2-4P Neosho Phase 1H	201809	603,606.64	a	A, B, C, K
376300-Mains- Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201809	(3,543.61)	a	A, B, C, K
376300-Mains- Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201809	(1,549.27)	a	A, B, C, K
376300-Mains- Plastic	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201809	(56.45)	a	A, B, C, K
376300-Mains- Plastic	800702	F0599	Repl w 4442F 2-4-6-8P Wornall@85th	201809	(137.23)	a	A, B, C, K
376300-Mains- Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201809	(487.18)	a	A, B, C, K
376300-Mains- Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201809	2.00	a	A, B, C, K
376300-Mains- Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201809	4.34	a	A, B, C, K
376300-Mains- Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201809	(4.64)	a	A, B, C, K
376300-Mains- Plastic	800756	F0599	Repl w 1353F 2P Grandview & 115th	201809	4,965.06	a	A, B, C, K
376300-Mains- Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201809	(104.62)	a	A, B, C, K
376300-Mains- Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201809	(388.65)	a	A, B, C, K
376300-Mains- Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201809	(477.46)	a	A, B, C, K
376300-Mains- Plastic	800761	F0604	Repl 3888F 2-4P Concordia Phase D	201809	(1,145.04)	a	A, B, C, K
376300-Mains- Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201809	1,918.30	a	A, B, C, K
376300-Mains- Plastic	800763	F0604	Repl 11571F 2-4 P&S Concordia Ph F	201809	(54,507.96)	a	A, B, C, K
376300-Mains- Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201809	(1,259.08)	a	A, B, C, K
376300-Mains- Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201809	(1,012.04)	a	A, B, C, K
376300-Mains- Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201809	(4,616.84)	a	A, B, C, K
376300-Mains- Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201809	(1,657.89)	a	A, B, C, K
376300-Mains- Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201809	(2,013.28)	a	A, B, C, K
376300-Mains- Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201809	(1,198.42)	a	A, B, C, K
376300-Mains- Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201809	(45,763.69)	a	A, B, C, K
376300-Mains- Plastic	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201809	3,949.50	a	A, B, C, K
376300-Mains- Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201809	(3,288.20)	a	A, B, C, K
376300-Mains- Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201809	(9.90)	a	A, B, C, K
376300-Mains- Plastic	800853	F0572	Repl 285F 2P Byers Joplin	201809	(7,707.58)	a	A, B, C, K
376300-Mains- Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201809	(3.62)	a	A, B, C, K
376300-Mains- Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201809	(10.53)	a	A, B, C, K
376300-Mains- Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201809	(7,480.20)	a	A, B, C, K
376300-Mains- Plastic	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201809	421.08	a	A, B, C, K
376300-Mains- Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201809	(2.98)	a	A, B, C, K
376300-Mains- Plastic	800921	F0599	Repl 1448F 2-4P Benton & 55th	201809	64.96	a	A, B, C, K
376300-Mains- Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201809	70,163.93	a	A, B, C, K
376300-Mains- Plastic	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201809	(263.13)	a	A, B, C, K
376300-Mains- Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201809	1,817.76	a	A, B, C, K
376300-Mains- Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201809	(25.20)	a	A, B, C, K
376300-Mains- Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201809	4,903.58	a	A, B, C, K
376300-Mains- Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201809	(1,940.46)	a	A, B, C, K
376300-Mains- Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201809	(78.85)	a	A, B, C, K
376300-Mains- Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201809	(38,935.42)	a	A, B, C, K
376300-Mains- Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201809	(826.67)	a	A, B, C, K
376300-Mains- Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201809	(32,932.54)	a	A, B, C, K
376300-Mains- Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201809	(78,826.50)	a	A, B, C, K
376300-Mains- Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201809	(22,088.21)	a	A, B, C, K
376300-Mains- Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201809	88.52	a	A, B, C, K
376300-Mains- Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201809	(217.45)	a	A, B, C, K
376300-Mains- Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201809	2.71	a	A, B, C, K
376300-Mains- Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201809	(15.29)	a	A, B, C, K
376300-Mains- Plastic	801167	F0604	Repl 925F 6P Jefferson St	201809	(41.31)	a	A, B, C, K
376300-Mains- Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201809	49,425.03	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201809	(299.03)	a	A, B, C, K
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201809	59,925.33	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201809	(22.45)	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Sheley & E33rd Ter	201809	351,565.48	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201809	(5.81)	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201809	3.10	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201809	32,988.22	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201809	(3,126.38)	a	A, B, C, K
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201809	7,225.01	a	A, B, C, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201809	4.07	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201809	19.64	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201809	466.26	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201809	(80.36)	a	A, B, C, K
376300-Mains - Plastic	801297	F0599	Repl 380F 2P Cherry and Gillham Rd	201809	(388.39)	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201809	5,734.04	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201809	34,715.38	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201809	31,389.58	a	A, B, C, K
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201809	510,050.28	a	A, B, C, K
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201809	278,206.24	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201809	(13.05)	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201809	(3,499.49)	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201809	(14.63)	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201809	(5.77)	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201809	(14,409.41)	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201809	(1,208.46)	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201809	243.70	a	A, B, C, K
376300-Mains - Plastic	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201809	(582.29)	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201809	(3.99)	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VioS 23rd to 27th	201809	6,890.62	a	A, B, C, K
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201809	(19,409.32)	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201809	9,036.75	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201809	3,989.86	a	A, B, C, K
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201809	(3,028.34)	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201809	4,908.57	a	A, B, C, K
376300-Mains - Plastic	801547	F0604	Repl 4795F 2P Windsor Phase5 Miller	201809	254,508.66	a	A, B, C, K
376300-Mains - Plastic	801548	F0604	Repl 3215F 2-4P Windsor Ph 6 Miller	201809	175,966.01	a	A, B, C, K
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201809	143,126.49	a	A, B, C, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201809	(195.36)	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201809	(6,762.97)	a	A, B, C, K
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201809	(648.98)	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201809	(1,251.63)	a	A, B, C, K
376300-Mains - Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201809	10,297.00	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201809	1,746.55	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201809	(1,093.80)	a	A, B, C, K
376300-Mains - Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201809	(1,037.78)	a	A, B, C, K
376300-Mains - Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201809	(1,957.46)	a	A, B, C, K
376300-Mains - Plastic	801673	F0599	Repl 530F 2P William Jewell College	201809	17,303.21	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201809	296.48	a	A, B, C, K
376300-Mains - Plastic	801708	F0599	Repl 3920F 2P 84th Belleview/Summit	201809	8,759.30	a	A, B, C, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201809	(3,823.73)	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Womall	201809	(492.33)	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201809	(766.85)	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201809	(15,335.05)	a	A, B, C, K
376300-Mains - Plastic	801770	F0599	Repl 5170F 8P Brooklyn 9th to 19th	201809	29,560.54	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201809	(713.35)	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201809	(453.53)	a	A, B, C, K
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201809	9,290.10	a	A, B, C, K
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201809	(1,209.13)	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201809	5,644.90	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201809	(544.82)	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201809	20,388.12	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201809	17,863.19	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201809	124.24	a	A, B, C, K
376300-Mains - Plastic	801874	F0572	Repl 885F 4P 111 N Turk - Joplin	201809	(19.89)	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201809	4,834.03	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201809	(2,639.50)	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 2180F 2-4P Pittman and 38th St	201809	(4,033.58)	a	A, B, C, K
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201809	(952.55)	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201809	13,816.97	a	A, B, C, K
376300-Mains - Plastic	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201809	(1,942.52)	a	A, B, C, K
376300-Mains - Plastic	802024	F0604	Repl 5F 4P 33rd & Grand Phase 1B	201809	(10,340.43)	a	A, B, C, K
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201809	90.69	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201810	(177,717.93)	a	A, B, C, K
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201810	(11,742.49)	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201810	(2,601.28)	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201810	192.70	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201810	633.07	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201810	740.09	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201810	860.47	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201810	1,125.70	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201810	10,416.12	a	A, B, C, K
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Womall & 85th	201810	12,175.39	a	A, B, C, K
376300-Mains - Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201810	18,215.19	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201810	26,729.25	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201810	55,094.26	a	A, B, C, K
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201810	55,732.57	a	A, B, C, K
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUJ	201810	73,669.64	a	A, B, C, K
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201810	76,831.95	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201810	76,814.25	a	A, B, C, K
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201810	340,282.79	a	A, B, C, K
376300-Mains - Plastic	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-1D	201810	426,052.56	a	A, B, C, K
376300-Mains - Plastic	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201810	686,744.15	a	A, B, C, K
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201810	814,720.69	a	A, B, C, K
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201810	1,276,704.96	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201810	(56,027.88)	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201810	(32,917.86)	a	A, B, C, K
376300-Mains - Plastic	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201810	(31,771.49)	a	A, B, C, K
376300-Mains - Plastic	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201810	(21,111.33)	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201810	(9,833.59)	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201810	(8,311.90)	a	A, B, C, K
376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201810	(7,183.44)	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Womall	201810	(6,500.37)	a	A, B, C, K
376300-Mains - Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201810	(2,847.24)	a	A, B, C, K
376300-Mains - Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201810	(1,486.93)	a	A, B, C, K
376300-Mains - Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201810	(599.83)	a	A, B, C, K

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376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201810	(243.46)	a	A, B, C, K
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201810	(113.84)	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201810	(88.84)	a	A, B, C, K
376300-Mains - Plastic	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201810	(26.84)	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201810	8.75	a	A, B, C, K
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201810	137.07	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201810	314.63	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201810	395.67	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201810	537.34	a	A, B, C, K
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201810	581.77	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201810	721.20	a	A, B, C, K
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201810	1,085.87	a	A, B, C, K
376300-Mains - Plastic	800756	F0599	Repl w 1353F 2P Grandview & 115th	201810	1,298.39	a	A, B, C, K
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201810	1,330.35	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201810	1,906.23	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201810	2,027.66	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201810	2,063.07	a	A, B, C, K
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201810	2,295.66	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201810	3,017.96	a	A, B, C, K
376300-Mains - Plastic	801548	F0604	Repl 3215F 2-4P Windsor Ph 6 Miller	201810	3,175.85	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201810	3,458.78	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201810	4,476.23	a	A, B, C, K
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mayes-W R124 Ph1	201810	7,676.29	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201810	8,607.06	a	A, B, C, K
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201810	8,424.11	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201810	9,639.57	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201810	13,921.05	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201810	18,643.49	a	A, B, C, K
376300-Mains - Plastic	801547	F0604	Repl 4795F 2P Windsor Phase5 Miller	201810	21,823.95	a	A, B, C, K
376300-Mains - Plastic	802276	F0599	Repl 139F 2P 20th & Jackson	201810	22,345.50	a	A, B, C, K
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201810	23,286.09	a	A, B, C, K
376300-Mains - Plastic	800094	F0604	Repl 4717F 2P Belton Phase 1D	201810	24,724.76	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201810	37,015.33	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201810	41,508.75	a	A, B, C, K
376300-Mains - Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201810	212,087.64	a	A, B, C, K
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand PH 1C	201810	499,031.78	a	A, B, C, K
376300-Mains - Plastic	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201810	529,109.59	a	A, B, C, K
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201810	1,139,326.75	a	A, B, C, K
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201810	(58,209.76)	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201810	(555.26)	a	A, B, C, K
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201810	49,905.00	a	A, B, C, K
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201810	775,059.21	a	A, B, C, K
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201810	(235.57)	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201810	32.90	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201810	373.29	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201810	1,103.32	a	A, B, C, K
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201810	20,283.68	a	A, B, C, K
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201810	58,710.73	a	A, B, C, K
376300-Mains - Plastic	801547	F0604	Repl 4795F 2P Windsor Phase5 Miller	201811	(10,071.79)	a	A, B, C, K
376300-Mains - Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201811	(8,725.48)	a	A, B, C, K
376300-Mains - Plastic	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201811	(8,687.41)	a	A, B, C, K
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201811	(6,471.50)	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201811	(3,405.21)	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201811	(3,303.54)	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201811	(2,763.41)	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201811	(2,638.89)	a	A, B, C, K
376300-Mains - Plastic	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201811	(1,860.24)	a	A, B, C, K
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201811	(1,703.47)	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201811	(1,254.34)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park Cl Grid Repl Phase 1D	201811	(688.74)	a	A, B, C, K
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201811	(568.33)	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201811	(411.02)	a	A, B, C, K
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand PH 1C	201811	(335.70)	a	A, B, C, K
376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Dntwn Ph 2	201811	(268.09)	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201811	(194.94)	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201811	(183.37)	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6560F 2-4-12P E 57th to E 50th	201811	(171.17)	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201811	(99.57)	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201811	(97.35)	a	A, B, C, K
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201811	(92.72)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201811	(74.60)	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 11	201811	(59.42)	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201811	(57.04)	a	A, B, C, K
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201811	(24.35)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201811	(18.41)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201811	(9.47)	a	A, B, C, K
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201811	(8.82)	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201811	(2.58)	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201811	(0.92)	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201811	22.17	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201811	23.66	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201811	23.54	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201811	28.07	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201811	40.32	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201811	50.99	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201811	55.70	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201811	56.48	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201811	67.41	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201811	80.45	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201811	89.88	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201811	97.88	a	A, B, C, K
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mayes-W R124 Ph1	201811	102.13	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201811	157.62	a	A, B, C, K
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201811	342.25	a	A, B, C, K
376300-Mains - Plastic	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-1D	201811	447.15	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201811	555.30	a	A, B, C, K
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201811	669.78	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201811	878.57	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201811	1,195.61	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201811	1,651.73	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201811	2,869.43	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201811	3,279.51	a	A, B, C, K
376300-Mains - Plastic	800153	F0599	N Budd Park Cl Grid Repl Phase 1B	201811	3,517.60	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201811	4,400.34	a	A, B, C, K
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201811	4,418.05	a	A, B, C, K

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul 18 - Jan 19
Appendix A - Schedule 6

SPIRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201811	4,701.16	a	A, B, C, K
376300-Mains - Plastic	802276	F0599	Repl 139F 2P 20th & Jackson	201811	4,915.14	a	A, B, C, K
376300-Mains - Plastic	802235	F0599	Repl 35F 4P 53rd St & Troost APR	201811	4,924.87	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201811	5,270.10	a	A, B, C, K
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201811	6,612.97	a	A, B, C, K
376300-Mains - Plastic	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201811	6,716.93	a	A, B, C, K
376300-Mains - Plastic	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2D	201811	7,647.73	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201811	10,531.85	a	A, B, C, K
376300-Mains - Plastic	801548	F0604	Repl 3215F 2-4P Windsor Ph 6 Miller	201811	11,164.69	a	A, B, C, K
376300-Mains - Plastic	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201811	11,180.65	a	A, B, C, K
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201811	12,535.12	a	A, B, C, K
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201811	12,724.90	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201811	16,690.12	a	A, B, C, K
376300-Mains - Plastic	800094	F0604	Repl 4717F 2P Belton Phase 1D	201811	21,247.00	a	A, B, C, K
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201811	23,164.72	a	A, B, C, K
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201811	28,308.98	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P Vics 23rd to 27th	201811	29,225.21	a	A, B, C, K
376300-Mains - Plastic	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201811	40,885.55	a	A, B, C, K
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201811	76,608.56	a	A, B, C, K
376300-Mains - Plastic	802026	F0604	Repl 1305F 2-4P 33rd & Grand PH 1D	201811	101,528.49	a	A, B, C, K
376300-Mains - Plastic	802171	F0599	Repl 3020F 2-4P 702 S F Hwy Exposed	201811	214,190.49	a	A, B, C, K
376300-Mains - Plastic	800344	F0599	Repl w 2500F 2P St Joe South 2H	201811	236,220.65	a	A, B, C, K
376300-Mains - Plastic	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201811	331,959.99	a	A, B, C, K
376300-Mains - Plastic	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201811	353,996.55	a	A, B, C, K
376300-Mains - Plastic	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201811	493,522.25	a	A, B, C, K
376300-Mains - Plastic	801806	F0572	Repl 5080F 4-6P WJ, 19th, 20th, IL, IN	201811	594,062.04	a	A, B, C, K
376300-Mains - Plastic	800655	F0572	Repl 7805F 2-4-6P Neosho Phase 1C	201811	679,358.39	a	A, B, C, K
376300-Mains - Plastic	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201811	701,418.92	a	A, B, C, K
December Estimate				201812	13,453,625.00	a	A, B, C, F, K
January Estimate				201901	9,406,250.00	a	A, B, C, F, K
Total Main Replacements					43,402,455.37		
Service Line Replacements - Steel							
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201807	2,205.39	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201807	54.26	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201807	5,006.70	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201808	(3,893.32)	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201808	2,707.72	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201808	3,467.07	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201809	283.95	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201809	6,674.35	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201809	3,468.03	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201810	2.04	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201810	3,284.45	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201811	(882.61)	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201811	20.91	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201811	4,198.15	a	A, B, C, K
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201807	0.02	a	A, B, C, K
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201807	0.02	a	A, B, C, K
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201807	1,835.36	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201807	0.60	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201807	15.80	a	A, B, C, K
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcroxie Phase 2	201807	0.16	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcroxie Phase 3	201807	(0.86)	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcroxie Ph 1	201807	0.40	a	A, B, C, K
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201808	(1,420.05)	a	A, B, C, K
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201808	(46,494.11)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201808	2.67	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201808	31.25	a	A, B, C, K
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcroxie Phase 2	201808	(3.39)	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcroxie Phase 3	201808	(5.43)	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcroxie Ph 1	201808	0.52	a	A, B, C, K
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201809	(1,867.63)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201809	(1,250.29)	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201809	(0.16)	a	A, B, C, K
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcroxie Phase 2	201809	(0.30)	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcroxie Phase 3	201809	(1.80)	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcroxie Ph 1	201809	0.32	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201810	(705.18)	a	A, B, C, K
Total Service Line Replacements - Steel					(23,264.97)		
Service Line Replacements - Plastic and Copper							
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201807	6.39	a	A, B, C, F, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201807	891,014.50	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201807	132,148.20	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201807	(80.17)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201807	262.85	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201807	75,178.30	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BL	201807	(1.09)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BL	201807	(2.24)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMF	201807	257.26	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201808	6.88	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201808	1,028,320.21	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201808	55,280.48	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201808	(135.37)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201808	2,034.75	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201808	51,408.00	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BL	201808	(1.81)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BL	201808	(2.86)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMF	201808	14.54	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201809	5.06	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201809	1,622,512.83	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201809	30,860.81	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201809	(195.92)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201809	495.90	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201809	72,174.73	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BL	201809	(2.66)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BL	201809	(4.13)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMF	201809	182.83	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201810	42,865.59	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201810	53,934.38	a	A, B, C, K

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 ISRS Work Order Additions Jul 18 - Jan 19
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SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201810	571,819.69	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201811	31,247.29	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201811	39,276.63	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201811	619,722.89	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201807	0.54	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201807	0.27	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201807	(2.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201807	(4.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201807	385.40	a	A, B, C, K
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201807	827.50	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201807	(0.10)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201807	(1.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201807	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201807	0.09	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201807	(1.69)	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201807	(2.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201807	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800131	F0604	Repl w/ 7363F 2-4P Belton Ph2C	201807	(0.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201807	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201807	(93.88)	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201807	1.75	a	A, B, C, K
380200-Services - Plastic & Copper	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201807	1.71	a	A, B, C, K
380200-Services - Plastic & Copper	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201807	1,738.41	a	A, B, C, K
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201807	2.86	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201807	5.72	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201807	129,239.33	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201807	(0.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201807	7.51	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201807	(0.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201807	(25.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201807	(2,498.34)	a	A, B, C, K
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201807	(1,391.86)	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201807	(0.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201807	12,357.67	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201807	(0.32)	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201807	(4.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201807	(6.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201807	(1.26)	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201807	1.85	a	A, B, C, K
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201807	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201807	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201807	0.70	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201807	484.88	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201807	(4.32)	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201807	(2.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201807	(3.62)	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201807	(79.11)	a	A, B, C, K
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201807	(7.98)	a	A, B, C, K
380200-Services - Plastic & Copper	800335	F0599	St. Joe's South Grid Phase 2A - MGE	201807	16,483.38	a	A, B, C, K
380200-Services - Plastic & Copper	800336	F0599	Repl w/ 3147F 4-8P St Joe's Ph2B	201807	3,212.60	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201807	3.20	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201807	4.71	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201807	(533.59)	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201807	18.90	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201807	(0.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201807	(44,203.68)	a	A, B, C, K
380200-Services - Plastic & Copper	800413	F0572	Repl w/ 8139F Purcell Ph 1C	201807	(8.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201807	(26.16)	a	A, B, C, K
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201807	132.88	a	A, B, C, K
380200-Services - Plastic & Copper	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	201807	16,071.94	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201807	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201807	58.28	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201807	0.90	a	A, B, C, K
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201807	(27.26)	a	A, B, C, K
380200-Services - Plastic & Copper	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201807	(122.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w/ 3182F 2-4P Harris S of Shely	201807	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201807	(9.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800487	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201807	98.19	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201807	2,933.45	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201807	33.66	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201807	(7,540.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w 4990F 2P 63rd & 58th	201807	2,854.18	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201807	20,938.52	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201807	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201807	(0.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800578	F0572	Repl w/ 2920F 2-4P Neosho C-002	201807	(1,376.61)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201807	2.49	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201807	4,405.66	a	A, B, C, K
380200-Services - Plastic & Copper	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201807	0.19	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201807	(0.15)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201807	(0.51)	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201807	(0.26)	a	A, B, C, K
380200-Services - Plastic & Copper	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201807	(4.65)	a	A, B, C, K
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201807	(8.54)	a	A, B, C, K
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201807	35.75	a	A, B, C, K
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201807	21.76	a	A, B, C, K
380200-Services - Plastic & Copper	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201807	(1,085.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201807	1,192.68	a	A, B, C, K
380200-Services - Plastic & Copper	800718	F0572	Repl w 22F 4P - Purcell Phase D	201807	(777.54)	a	A, B, C, K
380200-Services - Plastic & Copper	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201807	26.39	a	A, B, C, K
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201807	(2,714.25)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201807	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201807	21.22	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201807	1.93	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201807	244,008.50	a	A, B, C, K
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201807	(418.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201807	(2,959.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201807	(99.80)	a	A, B, C, K
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201807	57.72	a	A, B, C, K
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201807	347.77	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201807	38.56	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201807	(89.80)	a	A, B, C, K
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201807	(213.10)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201807	1,269.43	a	A, B, C, K
380200-Services - Plastic & Copper	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201807	(83.43)	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201807	(16.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201807	(0.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201807	6,775.07	a	A, B, C, K
380200-Services - Plastic & Copper	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201807	8,583.71	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201807	(3.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201807	(0.05)	a	A, B, C, F, K
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201807	(0.40)	a	A, B, C, K
380200-Services - Plastic & Copper	800921	F0599	Repl 1448F 2-4P Benton & 55th	201807	(307.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6Cl 54th & Ter	201807	(2,265.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201807	284.67	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Repl 12179F 2-4P Womall & 85th Ph2	201807	(0.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Womall & 85th Ph4	201807	(46.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Womall & 85th Ph5	201807	(96,722.30)	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Womall 85th Ph6	201807	(86.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Womall & 85th Ph8	201807	(6.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Womall & 85th	201807	645.90	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201807	(0.33)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201807	(0.01)	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201807	393.15	a	A, B, C, K
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201807	11,625.71	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201807	1.91	a	A, B, C, K
380200-Services - Plastic & Copper	801125	F0572	Repl 3065F 2-4P 16th & Bird	201807	(0.58)	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201807	0.06	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201807	(53.55)	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201807	(1.12)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201807	(0.40)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201807	(1,519.10)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201807	(2.61)	a	A, B, C, K
380200-Services - Plastic & Copper	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201807	(8.98)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201807	5.02	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201807	57.12	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201807	(0.22)	a	A, B, C, K
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201807	(7,273.49)	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201807	0.26	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201807	356.43	a	A, B, C, K
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201807	(0.02)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201807	924.12	a	A, B, C, K
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201807	(16.10)	a	A, B, C, K
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201807	196.07	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201807	14.28	a	A, B, C, K
380200-Services - Plastic & Copper	801293	F0664	Reloc 1324F 6P 32nd St Central City	201807	1,684.03	a	A, B, C, K
380200-Services - Plastic & Copper	801297	F0599	Repl 380F 2P Cherry and Gilham Rd	201807	40.97	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201807	(1,576.86)	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201807	430.80	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201807	4,267.29	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201807	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201807	22.50	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201807	(0.54)	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201807	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201807	0.20	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201807	(7.26)	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201807	(100.12)	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201807	(278.68)	a	A, B, C, K
380200-Services - Plastic & Copper	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201807	(2.78)	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201807	72.85	a	A, B, C, K
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201807	209.79	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201807	(361.32)	a	A, B, C, K
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201807	(360.20)	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201807	56.87	a	A, B, C, K
380200-Services - Plastic & Copper	801586	F0547	Reloc 49F 2S Smithville @ Hawthorn	201807	(0.81)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201807	51.69	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201807	(28.29)	a	A, B, C, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201807	(1.71)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201807	4,357.20	a	A, B, C, K
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201807	109.99	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201807	47.24	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201807	(121.16)	a	A, B, C, K
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201807	265.58	a	A, B, C, K
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201807	143.21	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201807	74.27	a	A, B, C, K
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201807	(8.67)	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201807	(2,355.19)	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201807	2.88	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201807	(24.58)	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201807	(0.69)	a	A, B, C, K
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201807	4,406.34	a	A, B, C, K
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201807	60.78	a	A, B, C, K
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201807	679.70	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201807	732.50	a	A, B, C, F, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201807	7,921.65	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201807	(1.96)	a	A, B, C, K
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201807	(10.14)	a	A, B, C, K
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201807	590.07	a	A, B, C, K
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201807	150.06	a	A, B, C, K
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201807	1,490.01	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201807	10.04	a	A, B, C, K
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201807	1,380.53	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201807	10,200.54	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201807	3,641.77	a	A, B, C, K
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201807	297.38	a	A, B, C, K
380200-Services - Plastic & Copper	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201807	2,434.37	a	A, B, C, K
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201807	127.70	a	A, B, C, K
380200-Services - Plastic & Copper	802085	F0604	Aband 235F 2-4P Clark Ave & Holden	201807	2,467.01	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201808	0.68	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201808	0.60	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201808	(86.86)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201808	4,556.05	a	A, B, C, K
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201808	1,386.83	a	A, B, C, K
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201808	(158.22)	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201808	(0.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201808	(1.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201808	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201808	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201808	(3.24)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201808	96.79	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201808	(0.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201808	(0.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201808	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201808	(264.22)	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201808	2.19	a	A, B, C, K
380200-Services - Plastic & Copper	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201808	(70,689.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201808	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201808	(14,967.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201808	(28.34)	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201808	(45.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201808	(3.86)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201808	9.19	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201808	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201808	(66.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201808	(0.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201808	(2.37)	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201808	(0.43)	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332I 2p Carrollton Phase C	201808	(4.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201808	(7.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201808	(1.40)	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201808	2.02	a	A, B, C, K
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201808	(9.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201808	15.50	a	A, B, C, K
380200-Services - Plastic & Copper	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201808	(8.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201808	64.65	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201808	(5.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201808	(1.30)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201808	(7.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201808	475.53	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201808	(49,870.19)	a	A, B, C, K
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201808	185.28	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-6P St Joe Grid Ph 2C	201808	(11.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201808	(21.89)	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201808	(142.60)	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201808	(167.89)	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201808	(0.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201808	(0.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201808	(56.28)	a	A, B, C, K
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201808	(27.37)	a	A, B, C, K
380200-Services - Plastic & Copper	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	201808	85.15	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201808	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201808	(373.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-W R124 Ph1	201808	3,106.62	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201808	(6,638.42)	a	A, B, C, K
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201808	(65.65)	a	A, B, C, K
380200-Services - Plastic & Copper	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201808	2.96	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201808	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201808	(184.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201808	(518.52)	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201808	(1,781.46)	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201808	(2,653.00)	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201808	(2,803.15)	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201808	(1,402.19)	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201808	7,565.76	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201808	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201808	(0.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201808	1,531.64	a	A, B, C, K
380200-Services - Plastic & Copper	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201808	(1.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201808	3.15	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201808	8,710.43	a	A, B, C, K
380200-Services - Plastic & Copper	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201808	0.25	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201808	(0.19)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201808	(0.61)	a	A, B, C, K
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201808	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201808	(0.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800626	F0599	Repl 8683F 2-4-6P 57th & Bales IUI	201808	(15.68)	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4-6P East Downtwn Ph 2	201808	49,348.87	a	A, B, C, K
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201808	(19.14)	a	A, B, C, K
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201808	153.74	a	A, B, C, K
380200-Services - Plastic & Copper	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201808	33,029.54	a	A, B, C, K
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201808	(1,517.87)	a	A, B, C, K
380200-Services - Plastic & Copper	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201808	0.04	a	A, B, C, K
380200-Services - Plastic & Copper	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201808	(6.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201808	(9,751.67)	a	A, B, C, K
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 Gregory Ph N	201808	(39,405.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201808	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201808	(17.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201808	(12.15)	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201808	(55.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201808	(19,743.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201808	(29.46)	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2-4 P&S - Concordia Ph F	201808	(3,496.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201808	(4.30)	a	A, B, C, K
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201808	(375.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201808	240.09	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201808	(281.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201808	(517.69)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201808	1,262.86	a	A, B, C, K
380200-Services - Plastic & Copper	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201808	(57.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201808	(128.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201808	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201808	(0.10)	a	A, B, C, K
380200-Services - Plastic & Copper	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201808	(0.65)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201808	264.98	a	A, B, C, K
380200-Services - Plastic & Copper	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201808	52.41	a	A, B, C, K
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown Rd&OR	201808	(0.06)	a	A, B, C, F, K
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201808	(0.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800921	F0599	Repl 1448F 2-4P Benton & 55th	201808	(1,850.65)	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6Cl 54th & Ter	201808	(91.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201808	(1,110.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800950	F0664	Repl 1170F 2-4P 4th & School Ph 1	201808	(1,051.99)	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201808	(60.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201808	(164.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201808	(60.66)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201808	1,251.32	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201808	5,162.09	a	A, B, C, K
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Wornall & 85th	201808	(1,299.38)	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201808	(0.38)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201808	(0.01)	a	A, B, C, K
380200-Services - Plastic & Copper	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201808	6,515.18	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201808	880.00	a	A, B, C, K
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201808	(594.93)	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201808	(15.56)	a	A, B, C, K
380200-Services - Plastic & Copper	801125	F0572	Repl 3065F 2-4P 16th & Bird	201808	(0.62)	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201808	960.95	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Reloc 4180F 2-4P 24th & Meadow	201808	0.06	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201808	1,069.97	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201808	(0.25)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201808	(0.50)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201808	(166.77)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201808	(633.09)	a	A, B, C, K
380200-Services - Plastic & Copper	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201808	(9.18)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201808	(31.09)	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shelley & E33rd Ter	201808	10,620.63	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201808	(0.28)	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201808	0.32	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201808	1,471.01	a	A, B, C, K
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201808	(0.03)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201808	5,234.61	a	A, B, C, K
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201808	(22.67)	a	A, B, C, K
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201808	(3,869.77)	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201808	(103.52)	a	A, B, C, K
380200-Services - Plastic & Copper	801287	F0664	Reloc 810F 4P 20th St, Connecticut	201808	(584.15)	a	A, B, C, K
380200-Services - Plastic & Copper	801297	F0599	Repl 380F 2P Cherry and Gillham Rd	201808	5,462.03	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201808	8,222.74	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201808	(7,079.64)	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201808	6,808.76	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201808	(0.04)	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201808	63.74	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201808	(0.68)	a	A, B, C, K
380200-Services - Plastic & Copper	801360	F0599	Aband 891F 6S 1803 NE 60th Terr	201808	5,108.42	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201808	(0.07)	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201808	(8.94)	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201808	(21.76)	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201808	(32.06)	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201808	(5.23)	a	A, B, C, K
380200-Services - Plastic & Copper	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201808	9.54	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201808	18.35	a	A, B, C, K
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201808	(33.21)	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201808	967.07	a	A, B, C, K
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201808	622.11	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	64.95	a	A, B, C, K
380200-Services - Plastic & Copper	801580	F0578	Reloc 1075F 4P 19th & Norwood	201808	5,225.39	a	A, B, C, K
380200-Services - Plastic & Copper	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201808	(0.96)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201808	(11.57)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201808	(233.77)	a	A, B, C, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201808	(2.17)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201808	(237.31)	a	A, B, C, K
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201808	(19.55)	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201808	(8.99)	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201808	(16.25)	a	A, B, C, K
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201808	(30.11)	a	A, B, C, K
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201808	102.90	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201808	(6,935.78)	a	A, B, C, K
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201808	(30.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201808	6,887.11	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201808	(70.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201808	(545.59)	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Cnysler&70 MODOOT	201808	(23.11)	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & McCoy Ave	201808	(16.08)	a	A, B, C, K
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201808	(39.32)	a	A, B, C, K
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201808	(113.58)	a	A, B, C, K
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201808	999.62	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201808	712.23	a	A, B, C, F, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201808	15,419.12	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201808	(20.74)	a	A, B, C, K
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 83rd & Baltimore	201808	(592.12)	a	A, B, C, K
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201808	513.70	a	A, B, C, K
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201808	(43.92)	a	A, B, C, K
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201808	6,887.29	a	A, B, C, K
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201808	1,283.63	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201808	78.90	a	A, B, C, K
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201808	(219.17)	a	A, B, C, K
380200-Services - Plastic & Copper	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&89th	201808	36,902.84	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201808	920.57	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201808	1,415.43	a	A, B, C, K
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201808	829.34	a	A, B, C, K
380200-Services - Plastic & Copper	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201808	721.47	a	A, B, C, K
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201808	(25.67)	a	A, B, C, K
380200-Services - Plastic & Copper	802044	F0547	Reloc 2517F 2-4P Prospect Walnut/Elm	201808	41,524.87	a	A, B, C, K
380200-Services - Plastic & Copper	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201808	13,290.82	a	A, B, C, K
380200-Services - Plastic & Copper	802085	F0604	Aband 235F 2-4P Clark Ave & Holden	201808	(861.96)	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201809	1.01	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201809	(0.60)	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201809	(16.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201809	2,737.03	a	A, B, C, K
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201809	215.81	a	A, B, C, K
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201809	35,442.17	a	A, B, C, K
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201809	12,889.11	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201809	(0.19)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201809	(2.42)	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201809	(0.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201809	0.16	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201809	(3.30)	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201809	(2.32)	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201809	(0.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201809	(0.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201809	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201809	(2,616.95)	a	A, B, C, K

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SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201809	3.22	a	A, B, C, K
380200-Services - Plastic & Copper	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201809	0.47	a	A, B, C, K
380200-Services - Plastic & Copper	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201809	77,734.23	a	A, B, C, K
380200-Services - Plastic & Copper	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201809	0.04	a	A, B, C, K
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201809	(20,251.67)	a	A, B, C, K
380200-Services - Plastic & Copper	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201809	92,745.89	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201809	2.98	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201809	(5.56)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201809	(0.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201809	13.59	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201809	(0.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201809	(53.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201809	6,224.07	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201809	(3.50)	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201809	(0.63)	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332I 2&P Carrollton Phase C	201809	(7.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201809	(11.39)	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201809	(2.04)	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201809	1.35	a	A, B, C, K
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201809	(0.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201809	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800282	F0572	Repl w 3893F 2-4P Webb City Ph 2G	201809	299.14	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201809	53.52	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201809	(7.79)	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201809	(1.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201809	(11.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201809	(2.20)	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201809	(20.96)	a	A, B, C, K
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201809	39,123.29	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St. Joe Grid Ph 2C	201809	2.35	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201809	3.22	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St. Joe's Ph2E	201809	87.29	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St. Joe South - 2F	201809	29.67	a	A, B, C, K
380200-Services - Plastic & Copper	800343	F0599	Repl w 8730F 2-4P St. Joe South 2G	201809	8,521.63	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201809	(1.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201809	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800413	F0572	Repl w/ 8139F Purcell Ph 1C	201809	5,316.57	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201809	(50.15)	a	A, B, C, K
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201809	33,668.86	a	A, B, C, K
380200-Services - Plastic & Copper	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	201809	(3,315.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201809	0.04	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201809	(12,185.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-W R124 Ph1	201809	12.39	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201809	0.09	a	A, B, C, K
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201809	4,881.21	a	A, B, C, K
380200-Services - Plastic & Copper	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201809	243.23	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201809	(0.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201809	(75,450.32)	a	A, B, C, K
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201809	(172,704.75)	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201809	(99,122.34)	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201809	336.78	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201809	1,139.62	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201809	3,694.69	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201809	(11,144.92)	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201809	0.07	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201809	(0.65)	a	A, B, C, K
380200-Services - Plastic & Copper	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201809	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201809	(2.90)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201809	4.60	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201809	(47.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201809	40,169.98	a	A, B, C, K
380200-Services - Plastic & Copper	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201809	0.38	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201809	(0.26)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201809	(0.90)	a	A, B, C, K
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201809	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 6800F 2-4P Liberty Ph2	201809	(0.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800626	F0599	Repl 8603F 2-4-6P 57th & Bales IUI	201809	5,033.48	a	A, B, C, K
380200-Services - Plastic & Copper	800627	F0599	Repl 40F 4P AOR 2026 48th Tr	201809	78.62	a	A, B, C, F, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201809	7,365.61	a	A, B, C, K
380200-Services - Plastic & Copper	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201809	12,251.10	a	A, B, C, K
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201809	(346.90)	a	A, B, C, K
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201809	(154.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800660	F0599	Repl 3880F 2-4P LibertyGrid Phase N	201809	4,275.11	a	A, B, C, K
380200-Services - Plastic & Copper	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201809	993.62	a	A, B, C, K
380200-Services - Plastic & Copper	800668	F0572	Repl 7315F 2-4P Neosho Phase 1H	201809	19,445.48	a	A, B, C, K
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201809	(86.14)	a	A, B, C, K
380200-Services - Plastic & Copper	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201809	(57.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800686	F0599	Repl w 50F 4P - 805 Bales CIAOR	201809	1,851.88	a	A, B, C, F, K
380200-Services - Plastic & Copper	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201809	(9.42)	a	A, B, C, K
380200-Services - Plastic & Copper	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201809	(20.16)	a	A, B, C, K
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201809	0.16	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201809	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800756	F0599	Repl w 1353F 2P Grandview & 115th	201809	346.55	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201809	(25.80)	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201809	(17.69)	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201809	(78.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800761	F0604	Repl 9988F 2-4P Concordia Phase D	201809	(15.98)	a	A, B, C, K
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201809	(2,876.43)	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201809	13,015.07	a	A, B, C, K
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201809	(23.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201809	(354.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201809	(45.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201809	(420.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201809	(750.76)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201809	(321.96)	a	A, B, C, K
380200-Services - Plastic & Copper	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201809	(7,364.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201809	1,059.24	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201809	(0.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800853	F0572	Repl 285F 2P Byers Joplin	201809	7,707.58	a	A, B, C, K
380200-Services - Plastic & Copper	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201809	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201809	(0.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201809	6,635.47	a	A, B, C, K
380200-Services - Plastic & Copper	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201809	51.50	a	A, B, C, K
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201809	27.49	a	A, B, C, F, K
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201809	(0.77)	a	A, B, C, K

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380200-Services - Plastic & Copper	800921	F0599	Repl 1448F 2-4P Benton & 55th	201809	13.95	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6Cl 54th & Ter	201809	(42.43)	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201809	(69,640.14)	a	A, B, C, K
380200-Services - Plastic & Copper	800950	F0664	Reloc 1170F 2-4P 4th & School Ph 1	201809	(25,771.38)	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201809	(49.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201809	(1,809.60)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201809	(72.11)	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201809	458.95	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201809	652.61	a	A, B, C, K
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Wornall & 85th	201809	248.56	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201809	(1.08)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201809	18,103.22	a	A, B, C, K
380200-Services - Plastic & Copper	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201809	1.09	a	A, B, C, K
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201809	154.83	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201809	(20,153.45)	a	A, B, C, K
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201809	(6,231.63)	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2734F 2P 34th and Pearl	201809	0.62	a	A, B, C, K
380200-Services - Plastic & Copper	801125	F0572	Repl 3065F 2-4P 16th & Bird	201809	(0.92)	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	0.20	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Reloc 4180F 2-4P 24th & Meadow	201809	0.09	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201809	(95.79)	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201809	(0.41)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201809	(0.72)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201809	(56,045.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TXAZ 20th to 22nd	201809	(16,015.87)	a	A, B, C, K
380200-Services - Plastic & Copper	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201809	(14.06)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201809	(0.98)	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201809	(343,931.49)	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201809	(0.41)	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201809	0.19	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201809	(36,193.83)	a	A, B, C, K
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201809	(0.06)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201809	(545.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201809	78.64	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201809	17.80	a	A, B, C, K
380200-Services - Plastic & Copper	801287	F0664	Reloc 810F 4P 20th St. Connecticut	201809	(9,994.12)	a	A, B, C, K
380200-Services - Plastic & Copper	801297	F0599	Repl 380F 2P Cherry and Gillham Rd	201809	(27.56)	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201809	826.40	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201809	(34,051.33)	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201809	2,390.13	a	A, B, C, K
380200-Services - Plastic & Copper	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201809	45,871.12	a	A, B, C, K
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201809	25,197.84	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201809	(0.07)	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201809	(36.41)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201809	(0.98)	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201809	(0.10)	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201809	13,773.63	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201809	(14.76)	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201809	4.28	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201809	(6,267.42)	a	A, B, C, K
380200-Services - Plastic & Copper	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201809	1,235.86	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201809	18,418.48	a	A, B, C, K
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201809	17,545.26	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201809	390.46	a	A, B, C, K
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201809	(160.65)	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201809	10.78	a	A, B, C, K
380200-Services - Plastic & Copper	801580	F0578	Reloc 1075F 4P 19th & Norwood	201809	(28.36)	a	A, B, C, K
380200-Services - Plastic & Copper	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201809	(1.47)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201809	(11.19)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201809	(2,171.71)	a	A, B, C, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201809	(4.70)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201809	(288.54)	a	A, B, C, K
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201809	144.85	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201809	9.64	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201809	(24.73)	a	A, B, C, K
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201809	(42.65)	a	A, B, C, K
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201809	(12.24)	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201809	(11.29)	a	A, B, C, K
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201809	(258.27)	a	A, B, C, K
380200-Services - Plastic & Copper	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201809	341.95	a	A, B, C, K
380200-Services - Plastic & Copper	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201809	3,328.03	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201809	(67.47)	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201809	(5,259.87)	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler70 MODOT	201809	(19.37)	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201809	(11.48)	a	A, B, C, K
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201809	(38.41)	a	A, B, C, K
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201809	(9,626.87)	a	A, B, C, K
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201809	(114.18)	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201809	(54.46)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201809	286.45	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201809	3.45	a	A, B, C, K
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201809	379.57	a	A, B, C, K
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201809	(322.88)	a	A, B, C, K
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201809	570.98	a	A, B, C, K
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201809	109.45	a	A, B, C, K
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201809	634.37	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201809	2.75	a	A, B, C, K
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201809	176.41	a	A, B, C, K
380200-Services - Plastic & Copper	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201809	14,075.88	a	A, B, C, K
380200-Services - Plastic & Copper	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201809	1,100.51	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201809	(265.42)	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SWB Pkwy/14	201809	(242.27)	a	A, B, C, K
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201809	(23.37)	a	A, B, C, K
380200-Services - Plastic & Copper	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201809	(33.10)	a	A, B, C, K
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201809	1.29	a	A, B, C, K
380200-Services - Plastic & Copper	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201809	(339.53)	a	A, B, C, K
380200-Services - Plastic & Copper	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201809	1,238.29	a	A, B, C, K
380200-Services - Plastic & Copper	802085	F0604	Aband 235F 2-4P Clark Ave & Holden	201809	(405.13)	a	A, B, C, K
380200-Services - Plastic & Copper	802238	F0578	Reloc 150F 4P Main at Stone	201809	2,338.48	a	A, B, C, K
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201809	1,305.15	a	A, B, C, F, K
380200-Services - Plastic & Copper	800626	F0599	Repl 8693F 2-4-6P 57th & Bales Iwy	201810	(73,669.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201810	(55,732.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201810	(55,117.54)	a	A, B, C, K
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201810	(18,216.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Wornall & 85th	201810	(12,222.21)	a	A, B, C, K

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul 18 - Jan 19
Appendix A - Schedule 6

SPIRE - MISSOURI WEST
ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201810	(4,116.96)	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201810	(1,848.98)	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201810	(25.63)	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201810	25.62	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201810	84.91	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201810	161.85	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201810	168.99	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201810	894.98	a	A, B, C, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201810	1,356.30	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201810	5,849.17	a	A, B, C, K
380200-Services - Plastic & Copper	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201810	6,909.84	a	A, B, C, K
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201810	37,341.57	a	A, B, C, K
380200-Services - Plastic & Copper	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201810	43,777.99	a	A, B, C, K
380200-Services - Plastic & Copper	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-1D	201810	178,129.50	a	A, B, C, K
380200-Services - Plastic & Copper	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201810	186,737.27	a	A, B, C, K
380200-Services - Plastic & Copper	800627	F0599	Repl 40F 4P AOR 2026 48th Ter	201810	(891.87)	a	A, B, C, F, K
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201810	228.02	a	A, B, C, F, K
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201810	(116,686.25)	a	A, B, C, K
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201810	(23,286.09)	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201810	(18,643.49)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201810	(13,921.05)	a	A, B, C, K
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201810	(9,067.46)	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201810	(3,112.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201810	(2,083.04)	a	A, B, C, K
380200-Services - Plastic & Copper	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201810	(1,973.59)	a	A, B, C, K
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201810	(1,754.50)	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201810	(1,628.50)	a	A, B, C, K
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201810	(1,330.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800756	F0599	Repl w 1353F 2P Grandview & 115th	201810	(1,298.39)	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Dntwn Ph 2	201810	(849.88)	a	A, B, C, K
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201810	(52.80)	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201810	(25.26)	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201810	(9.51)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201810	(3.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201810	(3.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201810	1.03	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w 6935F 2-2P St Joe South - 2F	201810	6.92	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201810	7.77	a	A, B, C, K
380200-Services - Plastic & Copper	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201810	10.22	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201810	15.61	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201810	18.90	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201810	23.76	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201810	24.70	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-W R124 Ph1	201810	26.27	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201810	44.85	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201810	78.15	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201810	98.36	a	A, B, C, K
380200-Services - Plastic & Copper	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201810	159.15	a	A, B, C, K
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201810	599.83	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201810	994.26	a	A, B, C, K
380200-Services - Plastic & Copper	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201810	1,474.15	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201810	1,599.29	a	A, B, C, K
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201810	1,821.70	a	A, B, C, K
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201810	3,356.49	a	A, B, C, K
380200-Services - Plastic & Copper	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201810	4,682.82	a	A, B, C, K
380200-Services - Plastic & Copper	801214	F0604	Repl 12375F 2-4P Winner Rd	201810	11,670.18	a	A, B, C, K
380200-Services - Plastic & Copper	800489	F0604	Repl w 4716F 6P East Dntown Ph1	201810	20,833.82	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201810	32,856.54	a	A, B, C, K
380200-Services - Plastic & Copper	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201810	58,205.01	a	A, B, C, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201810	(128.00)	a	A, B, C, K
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201810	4,520.03	a	A, B, C, K
380200-Services - Plastic & Copper	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201810	6,503.98	a	A, B, C, K
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201810	(14,146.54)	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201810	0.57	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201810	72.42	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201810	(164,817.89)	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2842F 2-4-6P Wornall 85th Ph6	201810	(23,578.57)	a	A, B, C, K
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201810	(19,342.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1858F 4-6P Wornall & 85th Ph4	201810	(9,650.56)	a	A, B, C, K
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201810	(7,216.58)	a	A, B, C, K
380200-Services - Plastic & Copper	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201810	(3,378.58)	a	A, B, C, K
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201810	(2,359.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201810	(762.73)	a	A, B, C, K
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201810	(109.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201810	2.15	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201810	289.63	a	A, B, C, K
380200-Services - Plastic & Copper	802238	F0578	Reloc 150F 4P Main at Stone	201810	463.16	a	A, B, C, K
380200-Services - Plastic & Copper	801361	F0547	Reloc 370F 2P Bennington Widening	201810	4,573.97	a	A, B, C, K
380200-Services - Plastic & Copper	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201810	9,593.45	a	A, B, C, K
380200-Services - Plastic & Copper	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201810	11,428.56	a	A, B, C, K
380200-Services - Plastic & Copper	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201810	16,777.39	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201810	27,047.16	a	A, B, C, K
380200-Services - Plastic & Copper	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201810	40,240.43	a	A, B, C, K
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201811	(76,608.56)	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201811	(10,584.60)	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201811	(4,062.34)	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201811	(3,317.34)	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201811	(406.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201811	(272.70)	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201811	(103.47)	a	A, B, C, K
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201811	(48.47)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201811	(44.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Dntwn Ph 2	201811	(31.72)	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201811	(17.77)	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201811	(16.75)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201811	(15.97)	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201811	(13.07)	a	A, B, C, K
380200-Services - Plastic & Copper	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201811	(11.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201811	(11.53)	a	A, B, C, K
380200-Services - Plastic & Copper	802238	F0578	Reloc 150F 4P Main at Stone	201811	(2.80)	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201811	(2.20)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201811	(1.68)	a	A, B, C, K
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201811	(0.94)	a	A, B, C, K
380200-Services - Plastic & Copper	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201811	(0.68)	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201811	(0.54)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul 18 - Jan 19
 Appendix A - Schedule 6

SPIRE - MISSOURI WEST
 ISRS Work Order Additions July 18 - Jan 19

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201811	(0.46)	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201811	(0.41)	a	A, B, C, K
380200-Services - Plastic & Copper	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201811	(0.14)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201811	(0.11)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201811	(0.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-W R124 Ph1	201811	0.35	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201811	0.84	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201811	1.01	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201811	1.01	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201811	1.06	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201811	1.15	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Sheley & E33rd Ter	201811	1.28	a	A, B, C, K
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201811	1.48	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201811	4.56	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201811	5.13	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201811	6.11	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201811	8.49	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201811	9.40	a	A, B, C, K
380200-Services - Plastic & Copper	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201811	37.08	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201811	38.99	a	A, B, C, K
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201811	38.50	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201811	53.78	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201811	57.17	a	A, B, C, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201811	60.66	a	A, B, C, K
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201811	75.93	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201811	90.55	a	A, B, C, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201811	128.02	a	A, B, C, K
380200-Services - Plastic & Copper	801214	F0604	Repl 12375F 2-4P Winner Rd	201811	130.34	a	A, B, C, K
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201811	137.51	a	A, B, C, K
380200-Services - Plastic & Copper	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201811	142.06	a	A, B, C, K
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201811	161.03	a	A, B, C, K
380200-Services - Plastic & Copper	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-1D	201811	186.96	a	A, B, C, K
380200-Services - Plastic & Copper	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201811	417.25	a	A, B, C, K
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201811	472.87	a	A, B, C, K
380200-Services - Plastic & Copper	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201811	594.73	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201811	610.70	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201811	700.24	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201811	713.98	a	A, B, C, K
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201811	738.77	a	A, B, C, K
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201811	749.86	a	A, B, C, K
380200-Services - Plastic & Copper	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201811	961.21	a	A, B, C, K
380200-Services - Plastic & Copper	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201811	1,163.13	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201811	1,270.90	a	A, B, C, K
380200-Services - Plastic & Copper	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201811	1,474.27	a	A, B, C, K
380200-Services - Plastic & Copper	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201811	1,750.44	a	A, B, C, K
380200-Services - Plastic & Copper	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201811	1,803.16	a	A, B, C, K
380200-Services - Plastic & Copper	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201811	2,079.55	a	A, B, C, K
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201811	2,098.09	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201811	2,668.39	a	A, B, C, K
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201811	2,884.38	a	A, B, C, K
380200-Services - Plastic & Copper	800344	F0599	Repl w 2500F 2P St Joe South 2H	201811	2,924.41	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201811	3,303.54	a	A, B, C, K
380200-Services - Plastic & Copper	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201811	3,841.14	a	A, B, C, F, K
380200-Services - Plastic & Copper	801806	F0572	Repl 5080F 4-6P Wl,19th,20th,L, IN	201811	5,223.97	a	A, B, C, K
380200-Services - Plastic & Copper	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201811	6,625.55	a	A, B, C, K
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201811	8,687.41	a	A, B, C, K
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201811	8,697.78	a	A, B, C, K
380200-Services - Plastic & Copper	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201811	9,283.64	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201811	10,229.13	a	A, B, C, K
380200-Services - Plastic & Copper	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201811	38,191.31	a	A, B, C, K
380200-Services - Plastic & Copper	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201811	44,223.15	a	A, B, C, K
Total Services Plastic and Copper					5,416,325.31		
Services - December Estimate				201812	1,000,000.00	a	A, B, C, F, K
Services - January Estimate				201901	1,000,000.00	a	A, B, C, F, K

TOTAL 53,822,164.24

ISRS - Case # GO-2019-0116
Legend for State or Federal Safety Requirements
Appendix A - Schedule 7

Legend for State or Federal Safety Requirements

		Regulatory Section Description	Description of Capital Expenditure Rehabilitation or Replacement
A	393.130 RSMo	Safe and Adequate Service	Replace, repair or remove unsafe pipeline segments
B	4 CSR 240-40.030(13)(B)	General Requirements for Maintenance	Replace, repair or remove unsafe pipeline segments
C	4 CSR 240-40.030(15)	Replacement Programs	Replacement program requirements for certain pipelines
D	4 CSR 240-40.030(14)	Gas Leaks	Repair of system leaks through pipeline rehabilitation and replacements
E	4 CSR 240-40.030(9)(T) and (U)	Corrosion Control	Remedial action in response to graphitization and corrosion through pipeline rehabilitation and replacements
F	4 CSR 240-40.030(13)(Z)	Protecting or Replacing Disturbed Cast Iron Pipelines	Replacement of cast iron pipelines where support has been disturbed
G	4 CSR 240-40.030(7)	Construction requirements	Construction expense associated with relocating and replacing pipelines
H	4 CSR 240-40.030(10)	Testing Requirements	Testing expense associated with relocating and replacing pipelines
I	4 CSR 240-40.030(13)(Y)	Maintenance - Caulked Bell and Spigot Joints	Install clamps and other sealing on exposed cast iron joints
J	4 CSR 240-40.030(16)	Gas Transmission Pipeline Integrity Management	Replace, repair or remove unsafe transmission pipeline segments
K	4 CSR 240-40.030(17)	Gas Distribution Pipeline Integrity Management	Replace, repair or remove unsafe distribution pipeline segments
L	4 CSR 240-40.030(13)(S)(1)	Telemetry Requirement	Replace Worn or Deteriorated Telemetry/SCADA Equipment
M	4 CSR 240-40.030(12)(P)(1)	Requirements for Odorization of Gas	Replace Worn or Deteriorated Odorization Equipment

References to state safety rules should be interpreted to include the corresponding federal safety rule.

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Statute 393.1009(5)
Appendix A - Schedule 7

ISRS Statute 393.1009(5):

- (a) Mains, valves, service lines, regulator stations, vaults and other pipeline system components installed to comply with state or federal safety requirements as replacements for existing facilities that have worn out or are in deteriorated condition;
- (b) Main relining projects, service line insertion projects, joint encapsulation projects, and other similar projects extending the useful life or enhancing the integrity of pipeline system components undertaken to comply with state or federal safety requirements;
- (c) Facilities relocations required due to construction or improvement of a highway, road, street, public way, or other public work;

**Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Revenue Requirement Calculation
 Appendix A - Schedule 8**

**Spire Missouri West
 ISRS Revenue Requirement Calculation**

ISRS Activity:

Gas Utility Plant Projects - Main Replacements and Other Projects Extending Useful Life of Mains:

<u>Work Orders Placed in Service</u>	
Gross Additions	43,669,445
Deferred Taxes	(514,357)
Accumulated Depreciation	(289,780)
Total Net	42,865,308

Gas Utility Plant Projects - Service Line Replacements and Insertion Projects:

<u>Work Orders Placed in Service</u>	
Gross Additions	7,393,060
Deferred Taxes	(81,868)
Accumulated Depreciation	(82,340)
Total Net	7,228,852

Gas Utility Plant Projects - Regulator Stations:

<u>Work Orders Placed in Service</u>	
Gross Additions	4,353
Deferred Taxes	(69)
Accumulated Depreciation	(88)
Total Net	4,196

Gas Utility Plant Projects - Main Relocations net of Reimbursements:

<u>Work Orders Placed in Service</u>	
Gross Additions	2,755,305
Deferred Taxes	(51,419)
Accumulated Depreciation	(24,749)
Total Net	2,679,137

**Increase in Accumulated Deferred Income Taxes and Accumulated Depreciation
 Associated with Eligible Infrastructure System Replacements which are included in a
 Currently Effective ISRS**

Total Incremental Accumulated Depreciation	(1,051,623)
Total Incremental Accumulated Deferred Taxes	(246,973)

Total ISRS Rate Base	51,478,898
Overall Rate of Return per GR-2017-0215	7.20%
UOI Required	3,705,297
Income Tax Conversion Factor	1.34135
Revenue Requirement Before Interest Deductibility	4,970,100

Total ISRS Rate Base	51,478,898
Weighted Cost of Debt per GR-2017-0215	1.8900%
Interest Deduction	972,951
Marginal Income Tax Rate	25.4482%
Income Tax Reduction due to Interest	247,599
Income Tax Conversion Factor	1.34135
Revenue Requirement Impact of Interest Deductibility	332,117

Total Revenue Requirement on Capital	4,637,983
Depreciation Expense	892,394
Net Property Taxes	2,873,709
Total ISRS Revenues	8,404,086

June 2018 - GO-2018-0310 - Additional Revenues (From Appendix B)	1,365,520
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Total ISRS Revenues	9,769,606
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Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Depreciation Expense
Appendix A - Schedule 9

Spire Missouri East
ISRS Depreciation Expense

	<u>Additions</u> <u>Annual Depreciation</u>	<u>Retirements</u> <u>Annual Depreciation</u>
Main Replacements	777,314.49	(23,602.99)
Service Line Replacements and Insertion Projects	144,533.83	(46,078.31)
Regulator Stations	124.50	-
Main Relocations net of Reimbursements	49,044.39	(8,942.19)
Main Reinforcements	-	-
	<hr/>	<hr/>
Total	971,017.21	(78,623.49)
	<hr/>	<hr/>
Total Net Increase in Depreciation Expense	<u>892,393.72</u>	

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Calculation of Property Taxes
Appendix A - Schedule 10

Spire Missouri East
ISRS Calculation of Property Taxes

DISTRIBUTION REAL ESTATE

		<u>CY 2018</u>
<u>Service Additions</u>		
Total Service Additions		15,759,753.08
Specific Real Additions		
	376.10	281,467.64
	Mains - 376s	98,645,331.91
Total Specific Additions		<u>98,926,799.55</u>
Retirements		
	Services	(4,138,648.71)
	Mains - Cast Iron	(212,546.47)
	Mains - Steel	(1,686,772.79)
	Mains - Plastic	(839,409.48)
		<u>(6,877,377.45)</u>
Net Real Estate		107,809,175.18
Assessment Rate		32%
Assessed Value		<u>34,498,936.06</u>
Real Estate Rate/\$100		8.341505
Real Estate Taxes		<u>2,877,730.39</u>

DISTRIBUTION PERSONAL PROPERTY

		<u>CY 2018</u>
	378.00	-
	379.00	-
Total Specific Personal		<u>-</u>
Specific Personal Retirements		
	378.00	-
	379.00	-
Total Specific Personal		<u>-</u>
Net Personal Property		-
Assessment Rate		33.33%
Assessed Value		<u>-</u>
Personal Prop. Rate/\$100		8.4195
Personal Property Taxes		<u>-</u>
Total Property Taxes		<u><u>2,877,730.39</u></u>

Spire Missouri West
ISRS - Case # GO-2019-0116
Incremental Accumulated Deferred Income Taxes and Accumulated Depreciation
Appendix A - Schedule 11

<u>ISRS Activity:</u>	<u>Accumulated Depreciation</u>	<u>Accumulated Deferred Income Taxes</u>
<u>Main Replacements, etc.</u>		
Jul-18	491,201.81	409,240.81
Jan-19	1,097,755.06	626,531.00
Incremental Change	606,553.25	217,290.19
<u>Services</u>		
Jul-18	24,589.44	9,650.00
Jan-19	398,375.37	13,796.06
Incremental Change	373,785.93	4,146.06
<u>Regulator Stations</u>		
Jul-18	0.00	0.00
Jan-19	0.00	0.00
Incremental Change	0.00	0.00
<u>Main Relocations</u>		
Jul-18	56,498.80	48,407.35
Jan-19	127,782.17	73,943.72
Incremental Change	71,283.37	25,536.37
<u>Main Reinforcements</u>		
Jul-18	0.00	0.00
Jan-19	0.00	0.00
Incremental Change	0.00	0.00
TOTAL INCREMENTAL CHANGE	1,051,622.55	246,972.62
	-	-
2017 ISRS Property Taxes - Revised GO-2018-0310	\$ 200,857.70	
2017 ISRS Property Taxes - Revised Updated) GO-2018-0310	\$ 196,836.64	
	\$ (4,021.06)	

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Main Replacements
Appendix A - Schedule 12

Spire Missouri East
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period for Plant in Service	July 1 - Sept 30 2018	Oct 1 2018 - Jan 1 2019	Total
	2018	2019	
	C	C	
	20 Year Life 50% Bonus	20 Year Life 0% Bonus	
<u>Main Replacements, etc.</u>			
Additions	9,079,435.93	34,590,009.51	52,748,881.37
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	9,079,435.93	34,590,009.51	52,748,881.37
Bonus Depreciation for Period	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	340,478.85		340,478.85
Fiscal Year 2019 (Oct 1 - Nov 30)	409,652.80	810,703.35	1,220,356.15
	-	-	-
Total Tax Depreciation	750,131.65	810,703.35	2,310,966.65
Total Book Depreciation			289,779.86
Difference Between Book and Tax Depreciation			2,021,186.79
Deferred Income Taxes (@25.4482%)			514,356.51

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Services
Appendix A - Schedule 13

Spire Missouri East
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period for Plant in Service	July 1 2018 - Sept 30 2018	Oct 1 2018 - Jan 1 2019	Total
	July 1 2018 - Sept 30 2018	October 1 2018 - Jan 31 2019	
	2018	2019	
	C	C	
	20 Year Life 50% Bonus	20 Year Life 0% Bonus	
<u>Services</u>			
Additions	3,899,361.75	3,493,698.59	7,393,060.34
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	3,899,361.75	3,493,698.59	7,393,060.34
Bonus Depreciation for Period	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	146,226.07		292,452.14
Fiscal Year 2019 (Oct 1 - Nov 30)	175,934.33	81,883.56	433,752.22
	-	-	-
Total Tax Depreciation	322,160.40	81,883.56	404,043.96
Total Book Depreciation			<u>82,339.86</u>
Difference Between Book and Tax Depreciation			<u>321,704.10</u>
Deferred Income Taxes (@25.4482%)			<u><u>81,868.04</u></u>

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Regulator Stations
Appendix A - Schedule 14

Spire Missouri East
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period	July 1 - Sept 30 2018			
for Plant in Service	July 1 - Sept 30 2018			Total
	20 Year Life 50% Bonus	20 Year Life 0% Bonus	15 Year Life 50% Bonus	Total
<u>Regulator Stations</u>				
Additions	-	4,353.03		4,353.03
Bonus Depreciation	-	-	-	-
Adjusted Tax Basis on Additions	-	4,353.03	-	4,353.03
Bonus Depreciation for Period	-	-	-	-
	-	-	-	-
Tax Depreciation On Adj. Basis				
Fiscal Year 2018 (Oct 1 - Sep 30)	-	163.24	-	163.24
Fiscal Year 2019 (Oct 1 - Nov 30)	-	196.40	-	196.40
	-	-	-	-
Total Tax Depreciation	-	359.64	-	359.64
Total Book Depreciation				88.35
Difference Between Book and Tax Depreciation				271.29
Deferred Income Taxes (@25.4482%)				69.04

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Main Relocations
Appendix A - Schedule 15

Spire Missouri East
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period for Plant in Service	July 1 2018 - Sept 30 2018	Oct 1 2018 - Jan 1 2019	Total
	C 20 Year Life 50% Bonus	C 20 Year Life 0% Bonus	
<u>Main Relocations</u> Additions	1,350,539.09	1,404,766.34	4,105,844.52
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	1,350,539.09	1,404,766.34	4,105,844.52
Bonus Depreciation for Period	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	50,645.22		101,290.44
Fiscal Year 2019 (Oct 1 - Nov 30)	31,653.26	32,924.21	125,512.11
			-
Total Tax Depreciation	82,298.48	32,924.21	226,802.55
Total Book Depreciation			24,748.54
Difference Between Book and Tax Depreciation			202,054.01
Deferred Income Taxes (@25.4482%)			51,419.19

Spire Missouri West
ISRS - Case # GO-2019-0116
Capital Structure/Rate of Return for ISRS
Appendix A - Schedule 16

Spire Missouri East
Capital Structure/Rate of Return for ISRS
Case GR-2017-0216

	% of Cap Structure	Embedded Cost	Weighted Cost
LTD	45.84%	4.12%	1.8900%
Preferred Stock	0.00%	0.00%	0.0000%
Common Equity	54.16%	9.80%	5.3077%
Total Capital *			<u>7.20%</u>
Tax Multiplier			1.34135
Composite Weighted Cost of Debt			1.8900%

* Reflects Missouri PSC's Amended Report and Order in GR-2017-0216, Late Filed Exhibit 1

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Rate Design
Appendix A - Schedule 17

Spire Missouri West
ISRS Rate Design

Total ISRS Revenues 9,769,606

<u>Customer Rate Class</u>	<u>Number of Customers*</u>	<u>Customer Charge</u>	<u>Ratio to Residential Customer Charge</u>	<u>Weighted Customer Nos.</u>	<u>Customer Percentage</u>	<u>Current ISRS Charge</u>	<u>Current ISRS Revenues</u>
Residential	469,947	22.00	1.0000	469,947	83.8964%	1.45	8,196,348
SGS	31,727	35.00	1.5909	50,475	9.0109%	2.31	880,331
LGS	3,628	125.00	5.6818	20,614	3.6800%	8.26	359,523
LV	460	914.25	41.5568	19,116	3.4127%	60.40	333,405
Total	505,762				100.0000%		<u>9,769,606</u>

*Average customers - GR-2017-0216

**Single customers with multiple accounts located on contiguous property.

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Cumulative Rate Design
Appendix A - Schedule 18

Spire Missouri West
ISRS Rate Design

Total ISRS Revenues 15,181,400

<u>Customer Rate Class</u>	<u>Number of Customers*</u>	<u>Customer Charge</u>	<u>Ratio to Residential Customer Charge</u>	<u>Weighted Customer Nos.</u>	<u>Customer Percentage</u>	<u>Current ISRS Charge</u>	<u>Current ISRS Revenues</u>
Residential	469,947	22.00	1.0000	469,947	83.8964%	2.26	12,736,649
SGS	31,727	35.00	1.5909	50,475	9.0109%	3.59	1,367,983
LGS	3,628	125.00	5.6818	20,614	3.6800%	12.83	558,677
LV	460	914.25	41.5568	19,116	3.4127%	93.86	518,091
Total	505,762				100.0000%		<u>15,181,400</u>

*Average customers - GR-2017-0216

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
Mains Catholic Protection												
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201803	16,982.98	Blanket	100.00%	\$ 16,982.98	13.5	0.00148333	340.08	302.30
376100-Mains - Steel	014673	F0503	Install recifier County Rd	201804	29,214.48	Blanket	100.00%	\$ 29,214.48	12.5	0.00148333	541.68	520.02
376100-Mains - Steel	014674	F0503	Install recifier Pearl St	201804	34,141.32	Blanket	100.00%	\$ 34,141.32	12.5	0.00148333	633.04	607.71
376100-Mains - Steel	015793	F1194	Rectifier Rebuild #0516 - Tamarack	201804	3,127.99	Blanket	100.00%	\$ 3,127.99	12.5	0.00148333	58.00	55.68
376100-Mains - Steel	016161	F1193	Install recifier at Hwy 78&Powell	201804	26,472.68	Blanket	100.00%	\$ 26,472.68	12.5	0.00148333	489.85	471.24
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201804	12,821.27	Blanket	100.00%	\$ 12,821.27	12.5	0.00148333	232.43	224.92
376100-Mains - Steel	018613	F1193	Rebuild recifier - Hwy 40	201804	19,158.75	Blanket	100.00%	\$ 19,158.75	12.5	0.00148333	355.23	341.02
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201805	7,955.59	Blanket	100.00%	\$ 7,955.59	11.5	0.00148333	133.57	124.16
376100-Mains - Steel	016161	F1193	Install recifier at Hwy 78&Powell	201805	10,739.00	Blanket	100.00%	\$ 10,739.00	11.5	0.00148333	197.40	187.01
376100-Mains - Steel	018613	F1193	Rebuild recifier - Hwy 40	201805	21.36	Blanket	100.00%	\$ 21.36	11.5	0.00148333	0.38	0.36
376100-Mains - Steel	018613	F1193	Rebuild recifier - Hwy 40	201806	1,233.43	Blanket	100.00%	\$ 1,233.43	10.5	0.00148333	1.92	1.80
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201806	16,111.00	Blanket	100.00%	\$ 16,111.00	10.5	0.00148333	294.16	283.65
376100-Mains - Steel	016161	F1193	Install recifier at Hwy 78&Powell	201806	11,330.00	Blanket	100.00%	\$ 11,330.00	10.5	0.00148333	208.43	197.82
376100-Mains - Steel	017439	F0503	Ground Bed Replace - Greenfield(SW)	201806	17,922.61	Blanket	100.00%	\$ 17,922.61	10.5	0.00148333	329.14	316.02
376100-Mains - Steel	017436	F1194	Ground Bed Replace -Diamond (SW)	201806	18,372.99	Blanket	100.00%	\$ 18,372.99	10.5	0.00148333	338.16	327.04
376100-Mains - Steel	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201806	77,143.49	Blanket	100.00%	\$ 77,143.49	10.5	0.00148333	1,201.51	1,137.15
Total Mains Catholic Protection					241,340.21			241,340.21			4,165.06	4,295.84
Mains - Clamping												
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201710	49,244.76	Blanket	100.00%	\$ 49,244.76	18.5	0.00148333	1,351.36	876.55
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201711	46,713.56	Blanket	100.00%	\$ 46,713.56	17.5	0.00148333	1,212.60	831.50
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201712	63,096.89	Blanket	100.00%	\$ 63,096.89	16.5	0.00148333	1,544.29	1,123.12
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201801	22,727.92	Blanket	100.00%	\$ 22,727.92	15.5	0.00148333	522.55	404.56
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201802	14,300.37	Blanket	100.00%	\$ 14,300.37	14.5	0.00148333	307.98	224.55
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201803	35,317.73	Blanket	100.00%	\$ 35,317.73	13.5	0.00148333	707.24	628.66
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201804	24,155.47	Blanket	100.00%	\$ 24,155.47	12.5	0.00148333	447.88	429.97
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201805	33,626.96	Blanket	100.00%	\$ 33,626.96	11.5	0.00148333	573.62	598.56
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201806	37,716.90	Blanket	100.00%	\$ 37,716.90	10.5	0.00148333	682.44	671.36
Total Main Leak Clamps					326,900.62			326,900.62			7,254.56	5,818.83
Mains - Relocation												
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201710	27,101.92	na	100%	\$ 27,101.92	18.5	0.00148333	743.72	482.41
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201710	4,955.72	na	100%	\$ 4,955.72	18.5	0.00148333	135.99	88.21
376100-Mains - Steel	801178	F0547	Reloc 100F 6S 57th & Norfleet Rd	201710	(74.51)	na	100%	\$ (74.51)	18.5	0.00148333	(2.04)	(1.33)
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201711	13,603.09	na	100%	\$ 13,603.09	18.5	0.00148333	373.29	242.13
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201711	54,848.12	na	100%	\$ 54,848.12	17.5	0.00148333	1,423.76	976.29
376100-Mains - Steel	801059	F0578	Reloc 2621F 2P Broadway & Zora	201711	(85.78)	na	100%	\$ (85.78)	14.5	0.00148333	(2.29)	(1.54)
376100-Mains - Steel	801104	F0578	Reloc 705F 4P-SS Hwy291 Harrisonville	201711	3,620.75	na	100%	\$ 3,620.75	17.5	0.00148333	93.99	64.45
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201711	3,537.83	na	100%	\$ 3,537.83	17.5	0.00148333	91.84	62.97
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201711	(15.11)	na	100%	\$ (15.11)	17.5	0.00148333	(0.39)	(0.27)
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201712	(264.01)	na	100%	\$ (264.01)	16.5	0.00148333	(6.46)	(4.70)
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201712	1,330.00	na	100%	\$ 1,330.00	16.5	0.00148333	35.00	24.06
376100-Mains - Steel	801293	F0547	Reloc 512F 2S 6th & Benton	201712	(2,573.78)	na	100%	\$ (2,573.78)	16.5	0.00148333	(62.99)	(45.81)
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201712	(6.52)	na	100%	\$ (6.52)	16.5	0.00148333	(0.16)	(0.12)
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201712	28.39	na	100%	\$ 28.39	16.5	0.00148333	0.69	0.51
376100-Mains - Steel	801596	F0664	Reloc 30F 4S 3rd and Jay St	201712	804.60	na	100%	\$ 804.60	16.5	0.00148333	19.69	14.32
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201801	594.91	na	100%	\$ 594.91	15.5	0.00148333	13.45	10.41
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201801	1,679.93	na	100%	\$ 1,679.93	15.5	0.00148333	38.62	29.90
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201801	9.54	na	100%	\$ 9.54	15.5	0.00148333	0.22	0.17
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201801	54.06	na	100%	\$ 54.06	15.5	0.00148333	1.24	0.96
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201801	10.18	na	100%	\$ 10.18	15.5	0.00148333	0.23	0.18
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201801	67.42	na	100%	\$ 67.42	15.5	0.00148333	1.56	1.20
376100-Mains - Steel	801596	F0664	Reloc 30F 4S 3rd and Jay St	201801	(119.55)	na	100%	\$ (119.55)	15.5	0.00148333	(2.75)	(2.13)
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201802	(80.25)	na	100%	\$ (80.25)	14.5	0.00148333	(1.73)	(1.43)
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201802	(37.89)	na	100%	\$ (37.89)	14.5	0.00148333	(0.81)	(0.67)
376100-Mains - Steel	800624	F0578	Reloc 30F 4S 3rd and Jay St	201802	(2,002.44)	na	100%	\$ (2,002.44)	14.5	0.00148333	(43.07)	(35.64)
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201802	(0.08)	na	100%	\$ (0.08)	14.5	0.00148333	(0.00)	(0.00)
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201802	1.53	na	100%	\$ 1.53	14.5	0.00148333	0.03	0.03
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201802	(0.99)	na	100%	\$ (0.99)	14.5	0.00148333	(0.02)	(0.02)
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201802	(13.86)	na	100%	\$ (13.86)	14.5	0.00148333	(0.30)	(0.25)
376100-Mains - Steel	801596	F0664	Reloc 30F 4S 3rd and Jay St	201802	66,418.90	na	100%	\$ 66,418.90	14.5	0.00148333	1,428.56	1,182.25
376100-Mains - Steel	801596	F0664	Reloc 30F 4S 3rd and Jay St	201802	2.55	na	100%	\$ 2.55	14.5	0.00148333	0.05	0.05
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201803	14.68	na	100%	\$ 14.68	13.5	0.00148333	0.29	0.26
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201803	7,938.58	na	100%	\$ 7,938.58	13.5	0.00148333	158.97	141.31
376100-Mains - Steel	800624	F0578	Reloc 30F 4S 3rd and Jay St	201803	(10,214.68)	na	100%	\$ (10,214.68)	13.5	0.00148333	(204.55)	(181.82)
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201803	(0.14)	na	100%	\$ (0.14)	13.5	0.00148333	(0.00)	(0.00)
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201803	(74.03)	na	100%	\$ (74.03)	13.5	0.00148333	(1.48)	(1.30)
376100-Mains - Steel	801291	F0547	Reloc 447F 2-4S S&P Gene Field	201803	358.38	na	100%	\$ 358.38	13.5	0.00148333	7.18	6.38
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201803	451.38	na	100%	\$ 451.38	13.5	0.00148333	9.04	8.08
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201803	(67.50)	na	100%	\$ (67.50)	13.5	0.00148333	(1.35)	(1.20)
376100-Mains - Steel	801596	F0664	Reloc 49F 2S Smithville @ Hawthorne	201803	6,535.63	na	100%	\$ 6,535.63	13.5	0.00148333	130.88	116.33
376100-Mains - Steel	801596	F0664	Reloc 30F 4S 3rd and Jay St	201803	(67.72)	na	100%	\$ (67.72)	13.5	0.00148333	(1.37)	(1.19)
376100-Mains - Steel	801901	F0578	Reloc 373F 6-S 39th & Noland Rd	201803	8,261.61	na	100%	\$ 8,261.61	13.5	0.00148333	165.44	147.06
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201804	(48.71)	na	100%	\$ (48.71)	12.5	0.00148333	(0.90)	(0.87)
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201804	68.29	na	100%	\$ 68.29	12.5	0.00148333	1.27	1.22
376100-Mains - Steel	800553	F0547	Rel w/									

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	801383	F0578	Reloc 2727F 4-6P Truman Farm Trail	201711	(4,529.62)	na	100%	\$ (4,529.62)	17.5	0.00148333	(117.58)	(80.63)
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201711	108,224.41	na	100%	108,224.41	17.5	0.00148333	2,809.32	1,926.39
376300-Mains - Plastic	801436	F0578	Reloc 845F 246P 51st & Grand	201711	(297.18)	na	100%	(297.18)	17.5	0.00148333	(7.71)	(5.29)
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201711	71,512.38	na	100%	71,512.38	17.5	0.00148333	1,866.34	1,272.92
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201711	1,711.61	na	100%	1,711.61	17.5	0.00148333	44.43	30.47
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201711	10,123.85	na	100%	10,123.85	17.5	0.00148333	262.80	180.20
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201711	4,640.84	na	100%	4,640.84	17.5	0.00148333	120.47	82.61
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201711	21,995.47	na	100%	21,995.47	17.5	0.00148333	570.96	391.52
376300-Mains - Plastic	800144	F0547	Hwy 71 and Gregory Grid Repl PHD	201712	(18,683.43)	na	100%	(18,683.43)	16.5	0.00148333	(467.28)	(332.56)
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201712	(20.70)	na	100%	(20.70)	16.5	0.00148333	(0.51)	(0.37)
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201712	3.63	na	100%	3.63	16.5	0.00148333	0.09	0.06
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201712	(0.03)	na	100%	(0.03)	16.5	0.00148333	-	-
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201712	81,507.39	na	100%	81,507.39	16.5	0.00148333	1,984.89	1,450.83
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TXJAZ 20th to 22nd	201712	(0.48)	na	100%	(0.48)	16.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	801349	F0664	Reloc 2917F 4P F2005 Project Joplin	201712	336.58	na	100%	336.58	16.5	0.00148333	8.24	5.99
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201712	6,877.74	na	100%	6,877.74	16.5	0.00148333	168.33	122.42
376300-Mains - Plastic	801383	F0578	Reloc 2727F 4-6P Truman Farm Trail	201712	8,648.50	na	100%	8,648.50	16.5	0.00148333	211.67	153.94
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201712	6,711.85	na	100%	6,711.85	16.5	0.00148333	164.27	119.47
376300-Mains - Plastic	801436	F0578	Reloc 845F 246P 51st & Grand	201712	6,396.65	na	100%	6,396.65	16.5	0.00148333	157.96	113.86
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201712	(131.78)	na	100%	(131.78)	16.5	0.00148333	(3.23)	(2.35)
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201712	3,886.26	na	100%	3,886.26	16.5	0.00148333	95.12	68.18
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201712	4,831.54	na	100%	4,831.54	16.5	0.00148333	118.25	86.00
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201712	180.92	na	100%	180.92	16.5	0.00148333	4.67	3.40
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201712	(7,003.42)	na	100%	(7,003.42)	16.5	0.00148333	(176.36)	(127.32)
376300-Mains - Plastic	801641	F0578	Reloc 60F 2P RD Mize	201712	1,447.17	na	100%	1,447.17	16.5	0.00148333	35.42	25.76
376300-Mains - Plastic	800144	F0547	Hwy 71 and Gregory Grid Repl PHD	201801	18,759.73	na	100%	18,759.73	15.5	0.00148333	431.32	333.92
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201801	40.23	na	100%	40.23	15.5	0.00148333	0.92	0.72
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201801	42.71	na	100%	42.71	15.5	0.00148333	(0.10)	(0.05)
376300-Mains - Plastic	800470	F0664	Reloc 1234F 6P Englewood Phase 1A	201801	159,827.44	na	100%	159,827.44	15.5	0.00148333	3,674.15	2,584.51
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201801	(0.71)	na	100%	(0.71)	15.5	0.00148333	(0.02)	(0.01)
376300-Mains - Plastic	800596	F0664	Reloc w/ 9200F 2-4-6P 4th Street	201801	667.94	na	100%	667.94	15.5	0.00148333	15.36	11.89
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201801	234.99	na	100%	234.99	15.5	0.00148333	5.40	4.18
376300-Mains - Plastic	801096	F0547	Reloc 1590F 4P Forest @ Hwy 291	201801	64,038.03	na	100%	64,038.03	15.5	0.00148333	1,472.27	1,139.82
376300-Mains - Plastic	801080	F0547	Reloc 2192F 2-4-6P Pleasant Val Ph2	201801	221,935.84	na	100%	221,935.84	15.5	0.00148333	5,102.27	3,650.27
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201801	13,207.76	na	100%	13,207.76	15.5	0.00148333	303.67	235.10
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201801	10,174.74	na	100%	10,174.74	15.5	0.00148333	233.93	181.11
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TXJAZ 20th to 22nd	201801	49.82	na	100%	49.82	15.5	0.00148333	1.15	0.89
376300-Mains - Plastic	801349	F0664	Reloc 2917F 4P F2005 Project Joplin	201801	(162.30)	na	100%	(162.30)	15.5	0.00148333	(3.79)	(2.89)
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201801	4,063.58	na	100%	4,063.58	15.5	0.00148333	93.43	72.32
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201801	1,487.99	na	100%	1,487.99	15.5	0.00148333	34.21	26.49
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201801	206.97	na	100%	206.97	15.5	0.00148333	4.74	3.67
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201801	314.15	na	100%	314.15	15.5	0.00148333	7.22	5.59
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201801	112.71	na	100%	112.71	15.5	0.00148333	2.59	2.01
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201801	86,127.54	na	100%	86,127.54	15.5	0.00148333	1,984.14	1,534.56
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201801	352.61	na	100%	352.61	15.5	0.00148333	8.11	6.28
376300-Mains - Plastic	801641	F0578	Reloc 60F 2P RD Mize	201801	917.72	na	100%	917.72	15.5	0.00148333	21.10	16.34
376300-Mains - Plastic	801686	F0547	Reloc 550F 6P 22nd&23rd Connector	201801	4,446.69	na	100%	4,446.69	15.5	0.00148333	102.24	79.15
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201802	0.88	na	100%	0.88	15.5	0.00148333	0.02	0.02
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201802	(0.01)	na	100%	(0.01)	14.5	0.00148333	-	-
376300-Mains - Plastic	800470	F0547	Reloc 1234F 6P Englewood Phase 1A	201802	(21,926.12)	na	100%	(21,926.12)	14.5	0.00148333	(471.59)	(390.28)
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201802	(0.02)	na	100%	(0.02)	14.5	0.00148333	-	-
376300-Mains - Plastic	800596	F0664	Reloc w/ 9200F 2-4-6P 4th Street	201802	(1.55)	na	100%	(1.55)	14.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	800624	F0578	Reloc w/ 3970F 2-4-6P 155th E of I-49	201802	(39,000.92)	na	100%	(39,000.92)	14.5	0.00148333	(838.39)	(694.52)
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201802	(2.05)	na	100%	(2.05)	14.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800957	F0664	Reloc 1782F 2-4P 27th-31st Phase 1	201802	(5,535.57)	na	100%	(5,535.57)	14.5	0.00148333	(119.06)	(88.53)
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201802	311,526.51	na	100%	311,526.51	14.5	0.00148333	6,700.40	5,545.16
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201802	(100.12)	na	100%	(100.12)	14.5	0.00148333	(2.15)	(1.79)
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201802	17,225.35	na	100%	17,225.35	14.5	0.00148333	376.49	308.61
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TXJAZ 20th to 22nd	201802	1.63	na	100%	1.63	14.5	0.00148333	0.04	0.03
376300-Mains - Plastic	801349	F0664	Reloc 2917F 4P F2005 Project Joplin	201802	(391.11)	na	100%	(391.11)	14.5	0.00148333	(8.41)	(6.96)
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201802	(1.35)	na	100%	(1.35)	14.5	0.00148333	(0.03)	(0.02)
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201802	3.55	na	100%	3.55	14.5	0.00148333	0.08	0.06
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201802	(20.06)	na	100%	(20.06)	14.5	0.00148333	(0.43)	(0.33)
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201802	(727.20)	na	100%	(727.20)	14.5	0.00148333	(15.64)	(12.94)
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201802	(61.13)	na	100%	(61.13)	14.5	0.00148333	(1.31)	(1.09)
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201802	14,708.60	na	100%	14,708.60	14.5	0.00148333	316.36	261.81
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201802	5,831.00	na	100%	5,831.00	14.5	0.00148333	125.41	103.79
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham Sth of 64th	201802	7,104.97	na	100%	7,104.97	14.5	0.00148333	152.82	115.82
376300-Mains - Plastic	801680	F0578	Reloc 1527F 4-6P Griffith Place	201802	27,746.59	na	100%	27,746.59	14.5	0.00148333	596.78	493.89
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201802	(77.43)	na	100%	(77.43)	14.5	0.00148333	(1.67)	(1.38)
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201802	(273.43)	na	100%	(273.43)	14.5	0.00148333	(5.88)	(4.87)
376300-Mains - Plastic	801641	F0578	Reloc 60F 2P RD Mize	201802	(472.30)	na	100%	(472.30)	14.5	0.00148333	(10.16)	(8.41)
376300-Mains - Plastic	801686	F0547	Reloc 550F 6P 22nd&23rd Connector	201802	24,153.44	na	100%	24,153.44	14.5	0.00148333	512.83	428.62
376300-Mains - Plastic	801082	F0578	Reloc 110F 4P 42nd St Trinity Woods	201802	388.29	na	100%	388.29	14.5	0.00148333	8.35	6.91
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201803	(54.46)	na	100%	(54.46)	13.5	0.00148333	(1.09)	(0.97)
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201803	3.56	na	100%	3.56	13.5	0.00148333	0.07	0.06
376300-Mains - Plastic	800470	F0547	Reloc 1234F 6P Englewood Phase 1A	201803	4,010.90	na	100%	4,010.90	13.5	0.00148333	80.32	71.39
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201803	(0.93)	na	100%	(0.93)	13.5			

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201804	4,100.39	na	100%	\$ 4,100.39	12.5	0.00148333	76.03	72.99
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201804	(20.93)	na	100%	\$ (20.93)	12.5	0.00148333	(0.39)	(0.37)
376300-Mains - Plastic	801856	F0647	Reloc 550F 6P 22nd-23rd Connector	201804	(239.55)	na	100%	\$ (239.55)	12.5	0.00148333	(4.44)	(4.26)
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201804	(3,303.88)	na	100%	\$ (3,303.88)	12.5	0.00148333	(58.16)	(58.81)
376300-Mains - Plastic	801907	F0647	Reloc 58F 2P 86th & Eastern	201804	19,467.77	na	100%	\$ 19,467.77	12.5	0.00148333	360.96	346.53
376300-Mains - Plastic	800386	F0647	Rel w/ 2302F 2P 22nd&23rd St-Wabash	201805	(48.26)	na	100%	\$ (48.26)	11.5	0.00148333	(0.82)	(0.86)
376300-Mains - Plastic	801293	F0664	Reloc 1324F 6P 32nd St Central City	201805	(1,675.14)	na	100%	\$ (1,675.14)	11.5	0.00148333	(28.58)	(29.82)
376300-Mains - Plastic	800967	F0647	Reloc 7913F 2-4P Wornall & 85th Ph5	201805	(777.15)	na	100%	\$ (777.15)	11.5	0.00148333	(13.26)	(13.83)
376300-Mains - Plastic	801907	F0647	Reloc 58F 2P 86th & Eastern	201805	(701.51)	na	100%	\$ (701.51)	11.5	0.00148333	(11.97)	(12.49)
376300-Mains - Plastic	801066	F0647	Reloc 1560F 4P Forest @ Hwy 291	201805	(415.10)	na	100%	\$ (415.10)	11.5	0.00148333	(7.08)	(7.36)
376300-Mains - Plastic	801136	F0664	Reloc 1187F 4P 27th - 22nd Phase 2	201805	(402.64)	na	100%	\$ (402.64)	11.5	0.00148333	(6.87)	(7.17)
376300-Mains - Plastic	800586	F0647	Rel w/ 8935F 2P Marlborough Ph5	201805	(179.76)	na	100%	\$ (179.76)	11.5	0.00148333	(3.07)	(3.20)
376300-Mains - Plastic	801084	F0647	Reloc 2794F 6P Pleasant Valley Ph 5	201805	(153.53)	na	100%	\$ (153.53)	11.5	0.00148333	(2.62)	(2.73)
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201805	(107.99)	na	100%	\$ (107.99)	11.5	0.00148333	(1.84)	(1.92)
376300-Mains - Plastic	801856	F0647	Reloc 550F 6P 22nd-23rd Connector	201805	(52.98)	na	100%	\$ (52.98)	11.5	0.00148333	(0.90)	(0.94)
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4P S School Rd	201805	(42.39)	na	100%	\$ (42.39)	11.5	0.00148333	(0.72)	(0.76)
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-4P Ward-Tudor Donovan	201805	(38.12)	na	100%	\$ (38.12)	11.5	0.00148333	(0.65)	(0.68)
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201805	(28.63)	na	100%	\$ (28.63)	11.5	0.00148333	(0.49)	(0.51)
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201805	(17.15)	na	100%	\$ (17.15)	11.5	0.00148333	(0.29)	(0.31)
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201805	(9.63)	na	100%	\$ (9.63)	11.5	0.00148333	(0.16)	(0.17)
376300-Mains - Plastic	801629	F0647	Reloc 300F 2P Moore Drive & Amity	201805	(3.86)	na	100%	\$ (3.86)	11.5	0.00148333	(0.07)	(0.07)
376300-Mains - Plastic	800206	F0647	Reloc w/ 920F 2-4P 6th Street	201805	(1.49)	na	100%	\$ (1.49)	11.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201805	0.11	na	100%	\$ 0.11	11.5	0.00148333	(0.00)	(0.00)
376300-Mains - Plastic	800553	F0647	Rel w/ 812F 2P Marlborough WestPh3	201805	0.51	na	100%	\$ 0.51	11.5	0.00148333	0.01	0.01
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201805	8.68	na	100%	\$ 8.68	11.5	0.00148333	0.15	0.15
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201805	33.99	na	100%	\$ 33.99	11.5	0.00148333	0.58	0.61
376300-Mains - Plastic	801080	F0647	Reloc 1217F 2-4P Highview & Florida	201805	47.02	na	100%	\$ 47.02	11.5	0.00148333	0.80	0.84
376300-Mains - Plastic	801680	F0647	Reloc 15F 2P Bennington & 38th	201805	47.82	na	100%	\$ 47.82	11.5	0.00148333	0.82	0.85
376300-Mains - Plastic	801683	F0647	Reloc 15F 4P NE 45th & N Holmes	201805	158.40	na	100%	\$ 158.40	11.5	0.00148333	2.70	2.82
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201805	260.60	na	100%	\$ 260.60	11.5	0.00148333	4.45	4.64
376300-Mains - Plastic	800470	F0647	Reloc 1124F 6P Englewood Phase 1A	201805	441.88	na	100%	\$ 441.88	11.5	0.00148333	7.54	7.87
376300-Mains - Plastic	801579	F0647	Reloc 320F 4P N Chatham Sth of 64th	201805	496.26	na	100%	\$ 496.26	11.5	0.00148333	8.47	8.83
376300-Mains - Plastic	800693	F0647	Reloc 2235F 2-4P Blacksnake Creek	201805	1,461.49	na	100%	\$ 1,461.49	11.5	0.00148333	24.93	26.01
376300-Mains - Plastic	801041	F0578	Reloc 60F 2P RD Mize	201805	1,635.34	na	100%	\$ 1,635.34	11.5	0.00148333	27.80	29.11
376300-Mains - Plastic	801443	F0664	Reloc 8E3F 4S 2-4P 20th & Murphy	201805	1,923.22	na	100%	\$ 1,923.22	11.5	0.00148333	32.81	34.23
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201805	2,886.68	na	100%	\$ 2,886.68	11.5	0.00148333	49.24	51.38
376300-Mains - Plastic	801361	F0647	Reloc 370F 2P Bennington Widening	201805	3,528.05	na	100%	\$ 3,528.05	11.5	0.00148333	60.18	62.80
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201805	4,372.06	na	100%	\$ 4,372.06	11.5	0.00148333	74.58	77.82
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201805	8,571.66	na	100%	\$ 8,571.66	11.5	0.00148333	146.22	152.58
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201805	16,752.17	na	100%	\$ 16,752.17	11.5	0.00148333	285.76	298.19
376300-Mains - Plastic	802083	F0647	Reloc 2730F 2-4P Ward-Tudor Donovan	201805	37,682.30	na	100%	\$ 37,682.30	11.5	0.00148333	642.80	670.30
376300-Mains - Plastic	801743	F0664	Reloc 110F 4P W 23rd & S McCoy Ave	201805	39,084.69	na	100%	\$ 39,084.69	11.5	0.00148333	667.72	695.71
376300-Mains - Plastic	801407	F0647	Reloc 1270F 4P Pleasant Valley Ph 4	201805	39,294.25	na	100%	\$ 39,294.25	11.5	0.00148333	670.29	699.44
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201805	68,563.84	na	100%	\$ 68,563.84	11.5	0.00148333	1,169.58	1,220.43
376300-Mains - Plastic	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201805	71,990.49	na	100%	\$ 71,990.49	11.5	0.00148333	1,228.04	1,281.43
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201805	75,356.27	na	100%	\$ 75,356.27	11.5	0.00148333	1,285.45	1,341.34
376300-Mains - Plastic	801025	F0578	Reloc 1235F 2-4P&4S N Main-8th/10th	201805	95,291.58	na	100%	\$ 95,291.58	11.5	0.00148333	1,632.51	1,688.51
376300-Mains - Plastic	800552	F0647	Rel w/ 165F 2P 72nd St KC MO Sewer	201805	99,360.60	na	100%	\$ 99,360.60	11.5	0.00148333	1,694.92	1,768.61
376300-Mains - Plastic	800966	F0647	Reloc 1859F 4-6P Wornall & 85th Ph4	201805	177,944.74	na	100%	\$ 177,944.74	11.5	0.00148333	3,035.43	3,167.41
376300-Mains - Plastic	800970	F0647	Reloc 1975F 2-6P Wornall & 85th Ph8	201805	225,418.93	na	100%	\$ 225,418.93	11.5	0.00148333	3,845.26	4,012.45
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201805	307,825.22	na	100%	\$ 307,825.22	11.5	0.00148333	5,250.97	5,479.28
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201805	346,129.96	na	100%	\$ 346,129.96	11.5	0.00148333	5,904.39	6,161.10
376300-Mains - Plastic	800981	F0647	Reloc 680F 2-4P Wornall & 85th Ph3	201805	356,508.08	na	100%	\$ 356,508.08	11.5	0.00148333	5,926.24	6,180.25
376300-Mains - Plastic	800970	F0647	Reloc 1975F 2-6P Wornall & 85th Ph8	201806	(29,648.28)	na	100%	\$ (29,648.28)	10.5	0.00148333	(461.77)	(527.74)
376300-Mains - Plastic	800967	F0647	Reloc 7913F 2-4P Wornall & 85th Ph5	201806	(5,316.42)	na	100%	\$ (5,316.42)	10.5	0.00148333	(82.80)	(94.63)
376300-Mains - Plastic	800961	F0647	Reloc 6883F 2-6P Wornall & 85th Ph3	201806	(2,724.04)	na	100%	\$ (2,724.04)	10.5	0.00148333	(42.43)	(48.49)
376300-Mains - Plastic	801084	F0647	Reloc 2794F 6P Pleasant Valley Ph 5	201806	(2,345.94)	na	100%	\$ (2,345.94)	10.5	0.00148333	(36.54)	(41.76)
376300-Mains - Plastic	800693	F0647	Reloc 2235F 2-4P Blacksnake Creek	201806	(1,734.45)	na	100%	\$ (1,734.45)	10.5	0.00148333	(27.01)	(30.87)
376300-Mains - Plastic	801096	F0647	Reloc 1560F 4P Forest @ Hwy 291	201806	(1,365.05)	na	100%	\$ (1,365.05)	10.5	0.00148333	(21.26)	(24.50)
376300-Mains - Plastic	800206	F0647	Reloc 1859F 4-6P Wornall & 85th Ph4	201806	(821.64)	na	100%	\$ (821.64)	10.5	0.00148333	(12.80)	(14.65)
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201806	(710.03)	na	100%	\$ (710.03)	10.5	0.00148333	(11.06)	(12.64)
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201806	(480.16)	na	100%	\$ (480.16)	10.5	0.00148333	(7.48)	(8.55)
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201806	(352.60)	na	100%	\$ (352.60)	10.5	0.00148333	(5.49)	(6.28)
376300-Mains - Plastic	801743	F0647	Reloc 270F 4P W 23rd & S McCoy Ave	201806	(217.79)	na	100%	\$ (217.79)	10.5	0.00148333	(3.39)	(3.88)
376300-Mains - Plastic	801683	F0647	Reloc 15F 4P NE 45th & N Holmes	201806	(159.44)	na	100%	\$ (159.44)	10.5	0.00148333	(2.48)	(2.84)
376300-Mains - Plastic	801361	F0647	Reloc 370F 2P Bennington Widening	201806	(148.14)	na	100%	\$ (148.14)	10.5	0.00148333	(2.31)	(2.82)
376300-Mains - Plastic	801579	F0647	Reloc 320F 4P N Chatham Sth of 64th	201806	(133.82)	na	100%	\$ (133.82)	10.5	0.00148333	(2.08)	(2.38)
376300-Mains - Plastic	801856	F0647	Reloc 550F 6P 22nd-23rd Connector	201806	(130.35)	na	100%	\$ (130.35)	10.5	0.00148333	(2.03)	(2.32)
376300-Mains - Plastic	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201806	(83.71)	na	100%	\$ (83.71)	10.5	0.00148333	(1.30)	(1.49)
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4P S School Rd	201806	(80.29)	na	100%	\$ (80.29)	10.5	0.00148333	(1.25)	(1.43)
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201806	(76.36)	na	100%	\$ (76.36)	10.5	0.00148333	(1.19)	(1.36)
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201806	(66.06)	na	100%	\$ (66.06)	10.5	0.00148333	(1.03)	(1.18)
376300-Mains - Plastic	801829	F0647	Reloc 300F 2P Moore Drive & Amity	201806	(58.86)	na	100%	\$ (58.86)	10.5	0.00148333	(0.92)	(1.05)
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201806	(54.03)	na	100%	\$ (54.03)	10.5	0.00148333	(0.84)	(0.96)
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-4P Ward-Tudor Donovan	201806	(53.47)	na	100%	\$ (53.47)	10.5	0.00148333	(0.83)	(0.96)
376300-Mains - Plastic	801680	F0647	Reloc 15F 2P Bennington & 38th	201806	(50.74)	na	100%	\$ (50.74)	10.5	0.00148333	(0.79)	(0.90)
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201806	(32.22)	na	100%	\$ (32.22)	10.5	0.00148333	(0.50)	(0.57)
376300-Mains - Plastic	802083</											

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201801	5,003.13	0.07%	99.93%	\$ 4,999.57	15.5	0.00148333	114.95	88.99
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201801	1,098.20	0.00%	100%	\$ 1,098.20	15.5	0.00148333	25.25	19.55
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcovie Phase 2	201801	387.93	0.00%	100%	\$ 387.93	15.5	0.00148333	8.92	6.91
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcovie Phase 3	201801	689.24	0.00%	100%	\$ 689.24	15.5	0.00148333	15.85	12.27
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcovie Ph 1	201801	6.21	0.00%	100%	\$ 6.21	15.5	0.00148333	0.14	0.11
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201801	6,662.13	0.00%	100%	\$ 6,662.13	15.5	0.00148333	153.17	118.59
376100-Mains - Steel	800039	F0599	Pickett Rd and 29th St - Main Repla	201802	18.16	0.04%	99.96%	\$ 18.15	14.5	0.00148333	0.39	0.32
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201802	6,441.72	0.07%	99.93%	\$ 6,437.14	14.5	0.00148333	138.45	114.58
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201802	13.55	0.00%	100%	\$ 13.55	14.5	0.00148333	0.29	0.24
376100-Mains - Steel	800625	F0599	Repl w 251F 2-12P Highland/Independ	201802	18,366.94	0.09%	99.91%	\$ 18,349.67	14.5	0.00148333	394.67	326.62
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcovie Ph 2	201802	(82.42)	0.00%	100%	\$ (82.42)	14.5	0.00148333	(1.77)	(1.47)
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcovie Phase 3	201802	(88.77)	0.00%	100%	\$ (88.77)	14.5	0.00148333	(1.91)	(1.58)
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcovie Ph 1	201802	(13.22)	0.00%	100%	\$ (13.22)	14.5	0.00148333	(0.28)	(0.24)
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201802	(25,686.42)	0.00%	100%	\$ (25,686.42)	14.5	0.00148333	(652.47)	(467.22)
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colburn Under Creek	201802	259,191.64	0.00%	100%	\$ 259,191.64	14.5	0.00148333	5,574.77	4,613.60
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201803	57.01	Blanket	39.02%	\$ 22.25	13.5	0.00148333	0.45	0.40
376100-Mains - Steel	800039	F0572	Pickett Rd and 29th St - Main Repla	201803	(83.93)	0.04%	99.96%	\$ (83.79)	13.5	0.00148333	(6.38)	(5.57)
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201803	820.81	0.07%	99.93%	\$ 820.23	13.5	0.00148333	16.42	14.80
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201803	(3.69)	0.00%	100%	\$ (3.69)	13.5	0.00148333	(0.07)	(0.07)
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcovie Phase 2	201803	8,150.06	0.00%	100%	\$ 8,150.06	13.5	0.00148333	163.20	145.07
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcovie Phase 3	201803	(773.18)	0.00%	100%	\$ (773.18)	13.5	0.00148333	(15.48)	(13.76)
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcovie Ph 1	201803	22.53	0.00%	100%	\$ 22.53	13.5	0.00148333	0.45	0.40
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201803	23,760.55	0.00%	100%	\$ 23,760.55	13.5	0.00148333	475.80	422.94
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colburn Under Creek	201803	9,904.85	0.00%	100%	\$ 9,904.85	13.5	0.00148333	198.34	176.31
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201804	(32.96)	Blanket	39.02%	\$ (12.86)	12.5	0.00148333	(0.24)	(0.23)
376100-Mains - Steel	800076	F0604	Repl w 4914 2-8P Tipton PhG	201804	(130.04)	-0.04%	100%	\$ (130.04)	12.5	0.00148333	(2.41)	(2.31)
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201804	(201.66)	0.07%	99.93%	\$ (201.52)	12.5	0.00148333	(3.74)	(3.59)
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201804	26.25	0.00%	100%	\$ 26.25	12.5	0.00148333	0.47	0.45
376100-Mains - Steel	800763	F0604	Repl 1157F 2-4 P&S-Concordia Ph F	201804	16,560.95	0.01%	98.99%	\$ 16,402.88	12.5	0.00148333	304.14	279.97
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcovie Phase 2	201804	(163.63)	0.00%	100%	\$ (163.63)	12.5	0.00148333	(3.03)	(2.81)
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcovie Phase 3	201804	(290.58)	0.00%	100%	\$ (290.58)	12.5	0.00148333	(5.39)	(5.17)
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcovie Ph 1	201804	(412.21)	0.00%	100%	\$ (412.21)	12.5	0.00148333	(7.64)	(7.34)
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201804	(1,126.55)	0.00%	100%	\$ (1,126.55)	12.5	0.00148333	(20.89)	(20.05)
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colburn Under Creek	201804	5,486.74	0.00%	100%	\$ 5,486.74	12.5	0.00148333	101.73	97.66
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201805	(133.57)	Blanket	39.02%	\$ (48.09)	11.5	0.00148333	(0.99)	(0.99)
376100-Mains - Steel	800625	F0599	Repl w 251F 2-12P Highland/Independ	201805	12,929.25	0.00%	100%	\$ 12,929.25	11.5	0.00148333	210.19	193.63
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcovie Phase 2	201805	(147.00)	0.00%	100%	\$ (147.00)	11.5	0.00148333	(2.51)	(2.62)
376100-Mains - Steel	800763	F0604	Repl 1157F 2-4 P&S-Concordia Ph F	201805	(40.84)	1.01%	98.99%	\$ (40.43)	11.5	0.00148333	(0.69)	(0.72)
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201805	(18.50)	0.07%	99.93%	\$ (18.49)	11.5	0.00148333	(0.32)	(0.33)
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcovie Ph 1	201805	246.74	0.00%	100%	\$ 246.74	11.5	0.00148333	4.21	4.39
376100-Mains - Steel	800282	F0572	Repl w 3853F 2-4P Webb City Ph 2G	201805	1,790.68	0.80%	99.20%	\$ 1,776.37	11.5	0.00148333	30.30	31.62
376100-Mains - Steel	800431	F0599	Target Marlborough West Phase 1	201805	8,088.69	0.09%	99.75%	\$ 8,063.87	11.5	0.00148333	137.86	143.64
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcovie Phase 3	201805	8,418.48	0.00%	100%	\$ 8,418.48	11.5	0.00148333	143.80	149.85
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colburn Under Creek	201805	15,725.25	0.00%	100%	\$ 15,725.25	11.5	0.00148333	268.25	279.91
376100-Mains - Steel	800076	F0604	Repl w 4914 2-8P Tipton PhG	201805	34,274.11	-0.04%	100%	\$ 34,274.11	11.5	0.00148333	584.66	610.08
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201805	43,962.49	0.21%	99.79%	\$ 43,871.60	11.5	0.00148333	748.37	780.91
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201805	72,488.57	-0.18%	100%	\$ 72,488.57	11.5	0.00148333	1,236.53	1,290.29
376100-Mains - Steel	800720	F0604	Repl w 4138F 2-4P Hwy 71 Gregory-M	201805	11,924.91	0.00%	100%	\$ 11,924.91	11.5	0.00148333	156.19	165.05
376100-Mains - Steel	801847	F0604	Repl 5309F 2-4P Norborne MO Phase 1	201805	1,247.86	2.30%	97.70%	\$ 1,218.98	11.5	0.00148333	21.79	21.70
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201805	(264.19)	0.00%	100%	\$ (264.19)	11.5	0.00148333	(4.51)	(4.70)
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201805	(26.21)	0.00%	100%	\$ (26.21)	11.5	0.00148333	(0.45)	(0.47)
376100-Mains - Steel	800625	F0599	Repl w 251F 2-12P Highland/Independ	201805	(10,556.75)	0.09%	99.91%	\$ (10,545.83)	10.5	0.00148333	(164.25)	(187.72)
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcovie Phase 3	201806	(4,603.35)	0.00%	100%	\$ (4,603.35)	10.5	0.00148333	(71.70)	(81.94)
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcovie Ph 1	201806	(4,434.18)	0.00%	100%	\$ (4,434.18)	10.5	0.00148333	(69.09)	(80.03)
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcovie Phase 2	201806	(1,725.46)	0.00%	100%	\$ (1,725.46)	10.5	0.00148333	(28.87)	(30.71)
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colburn Under Creek	201806	(1,319.11)	0.00%	100%	\$ (1,319.11)	10.5	0.00148333	(20.55)	(23.48)
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201806	(616.37)	0.00%	100%	\$ (616.37)	10.5	0.00148333	(9.60)	(10.97)
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201806	(145.69)	0.07%	99.93%	\$ (145.59)	10.5	0.00148333	(2.27)	(2.59)
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201806	(57.66)	0.00%	100%	\$ (57.66)	10.5	0.00148333	(0.93)	(1.03)
376100-Mains - Steel	800720	F0604	Repl w 4138F 2-4P Hwy 71 Gregory-M	201806	(21.19)	-0.10%	100%	\$ (21.19)	10.5	0.00148333	(0.30)	(0.38)
376100-Mains - Steel	800282	F0572	Repl w 3853F 2-4P Webb City Ph 2G	201806	10,748.07	0.99%	99.20%	\$ 10,620.73	10.5	0.00148333	181.01	195.06
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201806	2.04	0.21%	99.79%	\$ 2.04	10.5	0.00148333	0.03	0.04
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000-20in TF	201806	12.82	Blanket	39.02%	\$ 5.00	10.5	0.00148333	0.08	0.09
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201806	26.50	-0.18%	100%	\$ 26.50	10.5	0.00148333	0.41	0.47
376100-Mains - Steel	801847	F0604	Repl 5309F 2-4P Norborne MO Phase 1	201806	29.28	-5.15%	100%	\$ 29.28	10.5	0.00148333	0.46	0.52
376100-Mains - Steel	801847	F0604	Repl 5309F 2-4P Norborne MO Phase 1	201806	32.80	2.30%	97.70%	\$ 32.05	10.5	0.00148333	0.50	0.57
376100-Mains - Steel	800763	F0604	Repl 1157F 2-4 P&S-Concordia Ph F	201806	89.23	0.00%	100%	\$ 89.23	10.5	0.00148333	1.02	1.17
376100-Mains - Steel	800153	F0599	N Budd Park Ct Repl Phase 1B	201806	328.92	1.30%	98.70%	\$ 324.65	10.5	0.00148333	5.06	5.78
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201806	6,778.50	0.78%	99.22%	\$ 6,725.35	10.5	0.00148333	104.75	119.71
376100-Mains - Steel	800285	F060										

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376300-Mains - Plastic	800655	F0604	Repl 8660F 2-4P Carrollton Grd Ph L	201710	759.53	0.00%	100%	759.53	18.5	0.00148333	20.84	13.52
376300-Mains - Plastic	800656	F0604	Repl 3494F 2P Carrollton Grd Ph K	201710	1,785.93	-0.69%	100%	1,785.93	18.5	0.00148333	49.01	31.79
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201710	99.61	3.43%	96.57%	96.20	18.5	0.00148333	2.64	1.71
376300-Mains - Plastic	801042	F0599	Inst 9105F 6-8 Bud Park Header Ph3	201710	11,139.68	-0.04%	100%	11,139.68	18.5	0.00148333	305.69	198.29
376300-Mains - Plastic	801062	F0599	Repl 40F 6P ADR 3046 Holmes	201710	(750.45)	0.00%	100%	(750.45)	18.5	0.00148333	(20.59)	(13.36)
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201710	7,590.49	-1.17%	98.83%	7,501.44	18.5	0.00148333	205.85	133.53
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201710	(11.17)	-0.22%	100%	(11.17)	18.5	0.00148333	(0.3)	(0.02)
376300-Mains - Plastic	801219	F0604	Repl 5800F 2-4P 39th & S Main St	201710	9,809.65	-0.11%	100%	9,809.65	18.5	0.00148333	269.19	174.61
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201710	(707.33)	0.48%	99.52%	(703.96)	18.5	0.00148333	(19.32)	(12.53)
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes ACR	201710	242.22	0.00%	100%	242.22	18.5	0.00148333	6.85	4.31
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201710	17,262.70	0.00%	100%	17,262.70	18.5	0.00148333	473.72	307.28
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201710	(37.00)	0.08%	99.92%	(36.97)	18.5	0.00148333	(1.01)	(0.66)
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201710	241,364.85	0.65%	99.35%	239,800.98	18.5	0.00148333	6,880.52	4,268.45
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201710	160,786.22	-0.29%	100%	160,786.22	18.5	0.00148333	4,412.23	2,861.99
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201710	853.58	-1.16%	100%	853.58	18.5	0.00148333	23.42	15.19
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201710	11,427.30	0.00%	100%	11,427.30	18.5	0.00148333	313.58	203.41
376300-Mains - Plastic	007052	F0599	BVO Mains Installed Mice-North Reg	201711	3,987.81	Blanket	39.02%	1,556.22	17.5	0.00148333	40.40	27.70
376300-Mains - Plastic	007053	F0604	BVO Mains Installed Mice -South Reg	201711	24,076.77	Blanket	39.02%	9,935.81	17.5	0.00148333	243.90	167.25
376300-Mains - Plastic	800028	F0599	Liberty Header - Phase 3	201711	(186.62)	0.45%	99.55%	(184.78)	17.5	0.00148333	(4.80)	(3.29)
376300-Mains - Plastic	800045	F0599	Liberty - Grid Phase A	201711	1,753.55	0.91%	99.09%	1,737.60	17.5	0.00148333	45.10	30.93
376300-Mains - Plastic	800046	F0599	Liberty - Grid Phase B	201711	(9,737.58)	-1.18%	100%	(9,737.58)	17.5	0.00148333	(252.77)	(173.33)
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201711	5.17	0.84%	99.16%	5.13	17.5	0.00148333	0.13	0.09
376300-Mains - Plastic	800091	F0604	Repl w/ 2118F 2-4P Belton Ph1A	201711	114,432.77	3.59%	96.41%	110,325.11	17.5	0.00148333	2,863.85	1,963.79
376300-Mains - Plastic	800122	F0599	Repl w/ 4556F 2P Liberty PhE	201711	1,280.09	0.68%	99.32%	1,271.39	17.5	0.00148333	33.00	22.63
376300-Mains - Plastic	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201711	10,022.69	2.72%	97.28%	9,749.86	17.5	0.00148333	253.09	173.55
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201711	(3.76)	-0.46%	100%	(3.76)	17.5	0.00148333	(0.10)	(0.07)
376300-Mains - Plastic	800130	F0604	Repl w/ 6463F 2-4P Belton Ph 2B	201711	(3.53)	0.05%	99.95%	(3.53)	17.5	0.00148333	(0.09)	(0.06)
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201711	349.14	1.11%	98.89%	345.27	17.5	0.00148333	8.96	6.10
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201711	3,174.67	1.31%	97.99%	3,132.94	17.5	0.00148333	81.23	55.77
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201711	185.62	0.00%	100%	185.62	17.5	0.00148333	4.82	3.35
376300-Mains - Plastic	800137	F0599	St. Joe's South Phase 1C - MGE	201711	(5,665.12)	-10.10%	100%	(5,665.12)	17.5	0.00148333	(147.06)	(100.84)
376300-Mains - Plastic	800138	F0599	St. Joe's South Phase 1D - MGE	201711	1,699.34	-1.46%	100%	1,699.34	17.5	0.00148333	44.11	30.25
376300-Mains - Plastic	800154	F0599	N Budd Park CI Grid Repl Phase 1C	201711	(109,260.65)	0.20%	99.80%	(109,044.71)	17.5	0.00148333	(2,830.61)	(1,940.99)
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201711	547.05	-0.21%	100%	547.05	17.5	0.00148333	14.20	9.74
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201711	9.57	1.09%	98.91%	9.41	17.5	0.00148333	0.24	0.17
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2-4P Pleasant Hill Ph3	201711	582.92	-5.36%	100%	582.92	17.5	0.00148333	15.13	10.38
376300-Mains - Plastic	800257	F0604	Repl w/ 8327F 2&4P Pleasant Hill Ph4	201711	785.27	4.45%	95.58%	750.31	17.5	0.00148333	19.48	13.36
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201711	60.34	1.61%	98.39%	59.37	17.5	0.00148333	1.54	1.06
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201711	930,101.62	2.28%	97.72%	908,877.40	17.5	0.00148333	23,592.89	16,177.98
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201711	2,445.57	-0.08%	100%	2,445.57	17.5	0.00148333	63.48	43.51
376300-Mains - Plastic	800276	F0604	Repl w/ 5332F 2P Carrollton Phase C	201711	(416.57)	-0.06%	100%	(416.57)	17.5	0.00148333	(10.8)	(7.43)
376300-Mains - Plastic	800277	F0604	Repl w/ 1176F 2-4P Carrollton Ph D	201711	4,123.77	-0.94%	100%	4,123.77	17.5	0.00148333	122.72	84.15
376300-Mains - Plastic	800278	F0604	Repl w/ 5716F 2P Carrollton Phase E	201711	(101.66)	0.94%	99.06%	(100.70)	17.5	0.00148333	(2.61)	(1.79)
376300-Mains - Plastic	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201711	136.33	1.48%	98.52%	134.32	17.5	0.00148333	3.49	2.39
376300-Mains - Plastic	800284	F0604	Repl w/ 11888F 2-4P Carrollton Ph G	201711	(286.59)	-0.41%	100%	(286.59)	17.5	0.00148333	(7.44)	(5.10)
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201711	(279.13)	0.80%	99.20%	(276.89)	17.5	0.00148333	(7.19)	(4.93)
376300-Mains - Plastic	800286	F0604	Repl w/ 12516F 2-4P Carrollton Ph I	201711	(254.64)	0.14%	99.88%	(254.29)	17.5	0.00148333	(6.80)	(4.53)
376300-Mains - Plastic	800338	F0599	Repl w/ 2118F 2-4P Belton Ph 1A	201711	101.30	-0.17%	100%	101.30	17.5	0.00148333	2.63	1.80
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201711	(4,503.93)	-0.21%	100%	(4,503.93)	17.5	0.00148333	(116.91)	(80.17)
376300-Mains - Plastic	800390	F0572	Repl w/ 884F 2-4P HWY 60 to Pine	201711	(124.74)	0.00%	100%	(124.74)	17.5	0.00148333	(3.24)	(2.22)
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201711	1,212.17	0.00%	100%	1,212.17	17.5	0.00148333	31.47	21.58
376300-Mains - Plastic	800491	F0604	Repl w/ 3182F 2-4P Harris S of Shely	201711	(0.26)	-0.17%	100%	(0.26)	17.5	0.00148333	(0.01)	-
376300-Mains - Plastic	800542	F0604	Repl w/ 14507F 2-6-12P Blue Ridge	201711	(6,448.63)	2.15%	97.85%	(6,309.93)	17.5	0.00148333	(163.79)	(112.32)
376300-Mains - Plastic	800597	F0604	Repl w/ 2916F 2-4P Pleasant Hill Ph4	201711	30.18	5.36%	97.84%	34.24	17.5	0.00148333	0.89	0.61
376300-Mains - Plastic	800599	F0604	Repl w/ 9540F 2-4P Blackburn Phase 2	201711	(30.80)	-0.17%	97.53%	(30.04)	17.5	0.00148333	(0.78)	(0.53)
376300-Mains - Plastic	800601	F0572	Repl w/ 2945F 2P Marionville PhA	201711	(10,589.98)	-2.44%	100%	(10,589.98)	17.5	0.00148333	(274.90)	(188.50)
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201711	(21,512.68)	-2.49%	100%	(21,512.68)	17.5	0.00148333	(558.43)	(382.92)
376300-Mains - Plastic	800727	F0604	Repl w/ 2380F 2-4P 31st & Mason St	201711	176,926.06	0.15%	99.85%	176,660.18	17.5	0.00148333	4,585.79	3,144.54
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201711	384,285.52	0.94%	99.06%	380,688.42	17.5	0.00148333	9,882.01	6,776.24
376300-Mains - Plastic	800834	F0572	Repl w/ 1590F 2-4P Liberty Ph3	201711	3,464.36	1.70%	98.30%	3,405.59	17.5	0.00148333	88.40	60.82
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grd Ph L	201711	(11,858.58)	-0.17%	100%	(11,858.58)	17.5	0.00148333	(319.49)	(205.33)
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grd Ph K	201711	(39.27)	-0.69%	100%	(39.27)	17.5	0.00148333	(1.02)	(0.70)
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201711	42.55	3.43%	96.57%	41.09	17.5	0.00148333	1.07	0.73
376300-Mains - Plastic	801042	F0599	Inst 9105F 6-8 Bud Park Header Ph3	201711	5,392.71	-0.04%	100%	5,392.71	17.5	0.00148333	139.99	95.99
376300-Mains - Plastic	801062	F0599	Repl 40F 6P ADR 3046 Holmes	201711	(4,413.76)	0.00%	100%	(4,413.76)	17.5	0.00148333	(114.57)	(78.56)
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201711	470,686.60	-3.44%	100%	470,686.60	17.5	0.00148333	12,218.21	8,378.20
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201711	7,590.49	-1.17%	98.83%	7,501.44	17.5	0.00148333	205.85	133.53
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201711	(541.39)	-0.98%	100%	(541.39)	17.5	0.00148333	(14.05)	(9.64)
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bates	201711	1,355.21	0.40%	99.60%	1,349.80	17.5	0.00148333	35.04	24.03
376300-Mains - Plastic	801219	F0604	Repl 5800F 2-4P 39th & S Main St	201711	19,498.50	-0.11%	10					

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201712	2,050.49	0.94%	99.06%	\$ 2,031.17	16.5	0.00148333	49.71	36.15
376300-Mains - Plastic	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	201712	10,921.32	-2.49%	100%	\$ 10,921.32	16.5	0.00148333	267.30	194.40
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201712	0.65	0.15%	99.85%	\$ 0.65	16.5	0.00148333	0.02	0.01
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-4P Concordia Phase A	201712	149,775.81	1.85%	98.15%	\$ 147,000.47	16.5	0.00148333	3,897.83	2,616.60
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201712	1,807.33	0.94%	99.06%	\$ 1,790.41	16.5	0.00148333	43.82	31.87
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2-4P Lee St & Main	201712	1,159.82	-0.57%	100%	\$ 1,159.82	16.5	0.00148333	28.39	20.64
376300-Mains - Plastic	800834	F0572	Repl w 1590F 2-4P 8th & Geneva	201712	(1,189.47)	1.70%	98.30%	\$ (1,169.29)	16.5	0.00148333	(28.62)	(20.81)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201712	0.50	0.00%	100%	\$ 0.50	16.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201712	570.50	-0.69%	100%	\$ 570.50	16.5	0.00148333	13.96	10.15
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4P 75th St RT 350	201712	325,251.85	-0.43%	100%	\$ 325,251.85	16.5	0.00148333	7,960.52	5,799.47
376300-Mains - Plastic	800901	F0599	Repl w 30F 4P Lyda at 8th 85th AOR	201712	(2,314.18)	0.00%	100%	\$ (2,314.18)	16.5	0.00148333	(56.54)	(41.19)
376300-Mains - Plastic	800902	F0599	Repl w 40F 6P 9th & Woodland AOR	201712	(6,874.30)	0.00%	100%	\$ (6,874.30)	16.5	0.00148333	(168.25)	(122.36)
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201712	2,574.26	3.43%	96.57%	\$ 2,486.09	16.5	0.00148333	60.85	44.25
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201712	16.09	-0.04%	100%	\$ 16.09	16.5	0.00148333	0.39	0.29
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201712	(3.43)	0.00%	100%	\$ (3.43)	16.5	0.00148333	(0.08)	(0.06)
376300-Mains - Plastic	801083	F0599	Repl 430F 4P 27th & McGee	201712	109,120.85	2.28%	97.72%	\$ 106,633.65	16.5	0.00148333	2,609.85	1,898.07
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201712	23,580.63	-3.44%	100%	\$ 22,950.60	16.5	0.00148333	572.13	419.73
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201712	19,178.66	-1.17%	98.83%	\$ 18,953.66	16.5	0.00148333	463.89	337.37
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201712	940.68	-0.98%	100%	\$ 940.68	16.5	0.00148333	23.02	16.74
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201712	(12.28)	0.40%	99.60%	\$ (12.23)	16.5	0.00148333	(0.30)	(0.22)
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carriage Area Ph 1A	201712	681,120.89	0.78%	99.22%	\$ 675,780.04	16.5	0.00148333	16,539.68	12,028.86
376300-Mains - Plastic	801219	F0604	Repl 5800F 2-4P 39th & S Main St	201712	1,388.19	-0.11%	100%	\$ 1,388.19	16.5	0.00148333	33.98	24.71
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201712	1,195.75	0.29%	100%	\$ 1,195.75	16.5	0.00148333	29.27	21.28
376300-Mains - Plastic	801228	F0599	Repl 1368F 4-6P Kansas & 22nd	201712	(9,198.32)	0.48%	99.52%	\$ (9,154.55)	16.5	0.00148333	(224.06)	(162.95)
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201712	0.18	0.00%	100%	\$ 0.18	16.5	0.00148333	-	-
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201712	5.01	0.00%	100%	\$ 5.01	16.5	0.00148333	0.12	0.09
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201712	570.04	0.08%	99.92%	\$ 569.60	16.5	0.00148333	13.94	10.14
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201712	2.02	0.65%	99.35%	\$ 2.01	16.5	0.00148333	0.05	0.04
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201712	5.67	-0.29%	100%	\$ 5.67	16.5	0.00148333	0.14	0.10
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201712	0.57	-1.16%	100%	\$ 0.57	16.5	0.00148333	0.01	0.01
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201712	26,334.99	0.00%	100%	\$ 26,334.99	16.5	0.00148333	644.55	468.76
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201712	35,523.82	5.34%	94.66%	\$ 33,627.94	16.5	0.00148333	823.04	598.58
376300-Mains - Plastic	801626	F0599	Repl 400F 4P 6th & Cleveland AOR	201712	10.84	0.00%	100%	\$ 10.84	16.5	0.00148333	0.27	0.19
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mice-North Reg	201801	7,908.12	Blanket	39.02%	\$ 3,086.10	15.5	0.00148333	70.95	54.93
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mice - South Reg	201801	16,942.36	Blanket	39.02%	\$ 6,611.85	15.5	0.00148333	152.01	117.89
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mice-Southwest	201801	447.47	Blanket	39.02%	\$ 174.52	15.5	0.00148333	4.01	3.11
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel Reg	201801	(7,962.02)	2.20%	97.80%	\$ (7,786.88)	15.5	0.00148333	(179.03)	(138.61)
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201801	(2.15)	0.84%	99.16%	\$ (2.13)	15.5	0.00148333	(0.05)	(0.04)
376300-Mains - Plastic	800091	F0604	Repl w 2118F 2-4P Belton Ph1A	201801	2,614.55	3.59%	96.41%	\$ 2,520.70	15.5	0.00148333	57.95	44.87
376300-Mains - Plastic	800100	F0604	Repl w 9461F 2P Kingsville Ph2	201801	(87,530.54)	-0.90%	100%	\$ (87,530.54)	15.5	0.00148333	(2,012.47)	(1,558.04)
376300-Mains - Plastic	800122	F0599	Repl w 4565F 2P Liberty PHE	201801	12.92	0.68%	99.32%	\$ 12.83	15.5	0.00148333	0.30	0.23
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201801	11.91	0.27%	97.72%	\$ 11.58	15.5	0.00148333	0.27	0.21
376300-Mains - Plastic	800124	F0599	Repl w 3375F 2P Liberty PhG	201801	1.26	-0.46%	100%	\$ 1.26	15.5	0.00148333	0.03	0.02
376300-Mains - Plastic	800125	F0599	Repl w 1365F 2P Liberty PHH	201801	(825.97)	0.11%	99.89%	\$ (825.04)	15.5	0.00148333	(18.87)	(14.69)
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201801	257,495.98	-0.55%	100%	\$ 257,495.98	15.5	0.00148333	5,820.25	4,583.42
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201801	102,448.69	-0.61%	100%	\$ 102,448.69	15.5	0.00148333	2,355.46	1,823.58
376300-Mains - Plastic	800130	F0604	Repl w 4632F 2-4P Belton Ph 2B	201801	1.49	0.05%	99.99%	\$ 1.49	15.5	0.00148333	0.03	0.03
376300-Mains - Plastic	800131	F0604	Repl w 4427F 2-4P Belton Ph2C	201801	1,410.02	1.30%	98.38%	\$ 1,407.49	15.5	0.00148333	31.08	23.85
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201801	49.53	3.11%	98.85%	\$ 48.88	15.5	0.00148333	1.12	0.87
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201801	(59.46)	0.00%	100%	\$ (59.46)	15.5	0.00148333	(1.37)	(1.06)
376300-Mains - Plastic	800143	F0599	Hwy 71 & Gregory Grid Replace PhC	201801	4,659.12	-0.01%	100%	\$ 4,659.12	15.5	0.00148333	107.12	82.93
376300-Mains - Plastic	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201801	18,764.96	2.80%	97.40%	\$ 18,419.55	15.5	0.00148333	420.23	325.34
376300-Mains - Plastic	800146	F0599	Repl w 4506F 2P Hwy71 & Gregory-F	201801	22,524.99	0.00%	100%	\$ 22,524.99	15.5	0.00148333	517.88	400.94
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Phase 1B	201801	298,447.77	1.30%	98.77%	\$ 294,573.37	15.5	0.00148333	6,546.73	5,248.39
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201801	622,442.86	2.99%	97.01%	\$ 603,859.36	15.5	0.00148333	13,883.70	10,748.67
376300-Mains - Plastic	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201801	313,126.84	1.20%	98.80%	\$ 309,358.45	15.5	0.00148333	7,112.65	5,506.57
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201801	572,254.08	1.31%	98.69%	\$ 564,743.99	15.5	0.00148333	12,984.38	10,052.42
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201801	38.01	-0.21%	100%	\$ 38.01	15.5	0.00148333	0.87	0.68
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201801	5.48	1.09%	98.91%	\$ 5.42	15.5	0.00148333	0.12	0.09
376300-Mains - Plastic	800256	F0604	Repl w 8006F 2-4P Pleasant Hill Ph3	201801	(302.77)	-0.99%	100%	\$ (302.77)	15.5	0.00148333	(6.46)	(5.39)
376300-Mains - Plastic	800257	F0604	Repl w 8337F 2-4P Pleasant Hill Ph4	201801	16.75	0.14%	95.85%	\$ 16.04	15.5	0.00148333	0.37	0.29
376300-Mains - Plastic	800258	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201801	79.79	1.61%	98.39%	\$ 77.52	15.5	0.00148333	1.78	1.38
376300-Mains - Plastic	800259	F0604	Repl w 8606F 2P Pleasant Hill Ph6	201801	17,343.78	2.28%	97.72%	\$ 16,948.01	15.5	0.00148333	389.66	301.67
376300-Mains - Plastic	800265	F0572	Repl w 4646F 2-4P Webb City Ph2D	201801	3.55	-0.71%	100%	\$ 3.55	15.5	0.00148333	0.08	0.06
376300-Mains - Plastic	800274	F0604	Repl w 7005F 2-4P Carrollton PhA	201801	1,068.28	-0.08%	100%	\$ 1,068.28	15.5	0.00148333	24.56	19.02
376300-Mains - Plastic	800276	F0604	Repl w 5532 2P Carrollton Phase C	201801	186.61	-0.08%	100%	\$ 186.61	15.5	0.00148333	4.29	3.12
376300-Mains - Plastic	800277	F0604	Repl 1178F 2-4P Carrollton Ph D	201801	1,573.34	-0.94%	100%	\$ 1,561.34	15.5	0.00148333	36.17	28.17
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201801	64.76	0.94%	99.06%	\$ 64.15	15.5	0.00148333	1.47	1.14
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201801	1,245.66	1.48%	98.52%	\$ 1,227.28	15.5	0.00148333	28.22	21.85
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P									

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 ISRS Work Order Additions Oct17 - Jun18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mcoe-South Reg	201802	2,572.39	Blanket	39.02%	\$ 1,003.86	14.5	0.00148333	21.59	17.87
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mcoe-Southwest	201802	0.66	Blanket	39.02%	\$ 0.26	14.5	0.00148333	0.01	-
376300-Mains - Plastic	800039	F0599	Pickett Rd and 29th St - Main Repla	201802	31,662.18	0.04%	99.96%	\$ 31,648.54	14.5	0.00148333	680.71	563.34
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase F - Bare steel re	201802	7.87	2.00%	97.80%	\$ 7.70	14.5	0.00148333	0.17	0.14
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201802	(2.03)	0.84%	99.16%	\$ (2.07)	14.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800091	F0604	Repl w/ 2116F 2-4P Belton Ph1A	201802	3,075.25	3.59%	96.41%	\$ 2,964.85	14.5	0.00148333	63.77	52.77
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PHE	201802	0.08	0.68%	99.32%	\$ 0.08	14.5	0.00148333	-	-
376300-Mains - Plastic	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201802	0.34	2.72%	97.28%	\$ 0.33	14.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201802	1.05	-0.46%	100%	\$ 0.05	14.5	0.00148333	-	-
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PHH	201802	17.08	0.11%	99.89%	\$ 17.06	14.5	0.00148333	0.37	0.30
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201802	327.10	0.55%	100%	\$ 327.10	14.5	0.00148333	7.04	5.82
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201802	(50.80)	-0.61%	100%	\$ (50.80)	14.5	0.00148333	(1.09)	(0.90)
376300-Mains - Plastic	800130	F0604	Repl w/ 6463F 2-4P Belton Ph 2B	201802	0.03	0.05%	99.95%	\$ 0.03	14.5	0.00148333	-	-
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2-4P Belton Ph2C	201802	0.98	1.11%	98.89%	\$ 0.97	14.5	0.00148333	0.02	0.02
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201802	(16.77)	1.31%	98.69%	\$ (16.55)	14.5	0.00148333	(0.36)	(0.29)
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201802	(1.41)	0.00%	100%	\$ (1.41)	14.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	800142	F0599	Hwy 71 and Gregory Grid Replace PhB	201802	(13,952.41)	-0.76%	100%	\$ (13,952.51)	14.5	0.00148333	(300.99)	(248.35)
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201802	(1,428.88)	2.99%	97.01%	\$ (1,386.22)	14.5	0.00148333	(29.82)	(24.67)
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201802	2.99	1.31%	98.69%	\$ 2.95	14.5	0.00148333	0.06	0.05
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201802	1.13	-0.21%	100%	\$ 1.13	14.5	0.00148333	0.02	0.02
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201802	0.20	1.09%	98.91%	\$ 0.20	14.5	0.00148333	-	-
376300-Mains - Plastic	800230	F0599	S227 Norton CI Replacement - IUI	201802	(8,782.33)	-0.27%	100%	\$ (8,782.33)	14.5	0.00148333	(188.89)	(156.33)
376300-Mains - Plastic	800236	F0604	Repl w/ 8005F 2-4P Pleasant Hill Ph3	201802	17.73	-3.39%	100%	\$ (17.70)	14.5	0.00148333	(0.17)	(0.14)
376300-Mains - Plastic	800237	F0604	Repl w/ 9327F 2-4P Pleasant Hill Ph4	201802	(45,554.34)	4.45%	95.50%	\$ (43,526.32)	14.5	0.00148333	(936.18)	(774.77)
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201802	(16,229.98)	1.61%	98.39%	\$ (15,969.05)	14.5	0.00148333	(343.47)	(284.25)
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201802	20,512.48	2.28%	97.72%	\$ 20,044.40	14.5	0.00148333	431.12	356.79
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201802	1,861.26	-0.71%	100%	\$ 1,861.26	14.5	0.00148333	40.03	33.13
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201802	(8.69)	-0.08%	100%	\$ (8.69)	14.5	0.00148333	(0.19)	(0.15)
376300-Mains - Plastic	800276	F0604	Repl w/ 6332F 2-4P Carrollton Phase C	201802	4.84	0.05%	100%	\$ 4.84	14.5	0.00148333	0.10	0.09
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201802	(9.60)	-0.94%	100%	\$ (9.60)	14.5	0.00148333	(0.21)	(0.17)
376300-Mains - Plastic	800278	F0604	Repl w/ 5716F 2P Carrollton Phase E	201802	2.72	0.94%	99.06%	\$ 2.69	14.5	0.00148333	0.06	0.05
376300-Mains - Plastic	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201802	(23.85)	1.48%	98.52%	\$ (23.50)	14.5	0.00148333	(0.61)	(0.42)
376300-Mains - Plastic	800284	F0604	Repl w/ 11888F 2-4P Carrollton Ph G	201802	6.17	-0.41%	100%	\$ 6.17	14.5	0.00148333	0.13	0.11
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201802	2.34	0.80%	99.20%	\$ 2.32	14.5	0.00148333	0.05	0.04
376300-Mains - Plastic	800286	F0604	Repl w/ 12516F 2-4P Carrollton Ph I	201802	3.76	0.14%	99.80%	\$ 3.76	14.5	0.00148333	0.08	0.07
376300-Mains - Plastic	800300	F0599	Repl 4730F 2-4P Rt 24 & Sterling	201802	56,870.24	3.01%	98.14%	\$ 55,157.67	14.5	0.00148333	1,186.36	981.65
376300-Mains - Plastic	800308	F0599	Repl w/ 4688F 2-4P St. Joe Grid Ph 2C	201802	(157.02)	-0.41%	100%	\$ (157.02)	14.5	0.00148333	(3.38)	(2.79)
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201802	(528.92)	-0.21%	100%	\$ (528.92)	14.5	0.00148333	(11.38)	(9.41)
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-4P St. Joe's Ph2E	201802	529,127.08	-0.46%	100%	\$ 529,127.08	14.5	0.00148333	11,880.62	9,418.44
376300-Mains - Plastic	800405	F0572	Repl w/ 730F 3-4P 16th & Roosevelt	201802	26.50	0.00%	100%	\$ 26.50	14.5	0.00148333	0.57	0.47
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201802	47,043.04	6.66%	93.34%	\$ 43,908.15	14.5	0.00148333	944.39	781.56
376300-Mains - Plastic	800444	F0604	Repl w/ 2039F 2-4P Liberty Ph1	201802	0.49	0.05%	100%	\$ 0.49	14.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800448	F0604	Repl w/ 930F 2P Kiger N of Rt 24	201802	(8,342.26)	0.00%	100%	\$ (8,342.26)	14.5	0.00148333	(179.43)	(148.49)
376300-Mains - Plastic	800463	F0599	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201802	2,827.92	0.00%	100%	\$ 2,827.92	14.5	0.00148333	60.82	50.34
376300-Mains - Plastic	800475	F0572	Repl w/ 4030F 2-4P Park and Jackson	201802	(2,607.23)	-0.53%	100%	\$ (2,607.23)	14.5	0.00148333	(56.08)	(46.41)
376300-Mains - Plastic	800491	F0604	Repl w/ 3182F 2-4P Harris S of Shely	201802	0.11	-0.17%	100%	\$ 0.11	14.5	0.00148333	-	-
376300-Mains - Plastic	800542	F0604	Repl w/ 1450F 2-6-12P Blue Ridge	201802	2.81	2.15%	97.85%	\$ 2.75	14.5	0.00148333	0.06	0.05
376300-Mains - Plastic	800566	F0604	Repl w/ 6019F 2-4P Loper	201802	(5,487.03)	-0.00%	100%	\$ (5,487.03)	14.5	0.00148333	(114.02)	(87.67)
376300-Mains - Plastic	800567	F0604	Repl w/ 8650F 2-4P Alma Phase 1	201802	(0.62)	9.36%	94.64%	\$ (0.59)	14.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800599	F0604	Repl w/ 9540F 2-4P Blackburn Phase 2	201802	0.69	2.47%	97.53%	\$ 0.67	14.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800600	F0604	Repl w/ 7055F 2-4P Blackburn Phase 1	201802	2,344.15	0.94%	99.06%	\$ 2,322.07	14.5	0.00148333	49.94	41.33
376300-Mains - Plastic	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201802	(1,560.28)	1.30%	98.70%	\$ (1,539.93)	14.5	0.00148333	(33.12)	(27.41)
376300-Mains - Plastic	800610	F0572	Repl w/ 6055F 2-4P Marienville PhC	201802	2,171.82	-0.38%	100%	\$ 2,171.82	14.5	0.00148333	46.71	38.66
376300-Mains - Plastic	800616	F0604	Repl w/ 6019F 2-4P Loper Ph2	201802	0.53	0.00%	100%	\$ 0.53	14.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201802	15,827.23	0.53%	99.47%	\$ 15,742.93	14.5	0.00148333	338.60	280.22
376300-Mains - Plastic	800711	F0572	Repl w/ 1020F 13th Hervey	201802	493.07	0.00%	100%	\$ 493.07	14.5	0.00148333	10.61	8.78
376300-Mains - Plastic	800726	F0572	Repl w/ 705F 4P 17th & Grand	201802	(4,646.17)	22.04%	77.96%	\$ (3,622.11)	14.5	0.00148333	(77.91)	(64.47)
376300-Mains - Plastic	800727	F0604	Repl w/ 2380F 2-4P 31st & Mason St	201802	0.41	0.15%	99.85%	\$ 0.41	14.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800758	F0604	Repl w/ 1011F 2-6P Concordia Phase A	201802	461.91	1.85%	98.15%	\$ 453.35	14.5	0.00148333	9.75	8.07
376300-Mains - Plastic	800759	F0604	Repl w/ 1016F 2-4P Concordia Phase B	201802	1,112.15	0.97%	99.96%	\$ 1,111.14	14.5	0.00148333	24.02	20.02
376300-Mains - Plastic	800824	F0599	Repl w/ 1450F 2-4P Ph 3 & Balls	201802	5,673.90	1.05%	100%	\$ 5,613.61	14.5	0.00148333	120.74	99.82
376300-Mains - Plastic	800825	F0599	Repl w/ 251F 12-12P Highland/Independ	201802	9,016.15	0.59%	99.91%	\$ 9,007.67	14.5	0.00148333	193.74	160.34
376300-Mains - Plastic	800827	F0604	Repl w/ 2565F 2P Lee St & Main	201802	(702.72)	-0.07%	100%	\$ (702.72)	14.5	0.00148333	(15.11)	(12.51)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201802	0.23	0.00%	100%	\$ 0.23	14.5	0.00148333	-	-
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201802	0.71	-0.69%	100%	\$ 0.71	14.5	0.00148333	0.02	0.01
376300-Mains - Plastic	800864	F0604	Repl w/ 3915F 2-4P 75th St. RT 350	201802	30,703.37	-0.00%	100%	\$ 30,703.37	14.5	0.00148333	660.36	546.52
376300-Mains - Plastic	800912	F0604	Repl w/ 1450F 2-4P Ph 3 & Maffei	201802	15,602.12	0.04%	100%	\$ 15,602.12	14.5	0.00148333	320.83	269.72
376300-Mains - Plastic	800932	F0604	Repl w/ 750F 2P Nipper S of Spring	201802	29,384.76	-0.00%	100%	\$ 29,384.76	14.5	0.00148333	632.02	523.05
376300-Mains - Plastic	800977	F0604	Repl 8065F 2P Liberty & Stone	201802	(37,227.51)	3.43%	96.57%	\$ (35,952.46)	14.5	0.00148333	(773.28)	(639.95)
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201802	1,902,207.84	0.00%	100%	\$ 1,902,207.84	14.5	0.00148333	40,913.23	33,589.22
376300-Mains - Plastic	801041	F0599										

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201803	413.82	-5.39%	100%	\$ 413.82	13.5	0.00148333	8.29	7.37
376300-Mains - Plastic	800257	F0604	Repl w/ 9327F 2&P Pleasant Hill Ph4	201803	(16,408.48)	4.45%	95.55%	\$ (15,678.00)	13.5	0.00148333	(313.95)	(279.07)
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201803	3,290.92	1.61%	98.39%	\$ 3,228.17	13.5	0.00148333	84.64	57.46
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201803	(4,224.72)	2.28%	97.72%	\$ (4,128.32)	13.5	0.00148333	(82.67)	(73.48)
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201803	1,986.07	0.67%	99.33%	\$ 1,972.72	13.5	0.00148333	39.56	35.11
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201803	2,733.02	0.00%	100%	\$ 2,733.02	13.5	0.00148333	54.73	48.65
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201803	1,127.00	0.02%	99.98%	\$ 1,126.75	13.5	0.00148333	22.56	20.06
376300-Mains - Plastic	800265	F0572	Repl w/ 4648F 2&P Webb City Ph2D	201803	669.18	-0.71%	100%	\$ 669.18	13.5	0.00148333	13.40	11.91
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2&P Carrollton Phase A	201803	(51.44)	-0.08%	100%	\$ (51.44)	13.5	0.00148333	(1.03)	(0.92)
376300-Mains - Plastic	800276	F0604	Repl w/ 5332P 2P Carrollton Phase C	201803	(265.40)	-0.58%	100%	\$ (265.40)	13.5	0.00148333	(5.31)	(4.70)
376300-Mains - Plastic	800277	F0604	Repl 11716F 2&P Carrollton Ph D	201803	(273.43)	-0.94%	100%	\$ (273.43)	13.5	0.00148333	(5.48)	(5.07)
376300-Mains - Plastic	800278	F0604	Repl w/ 5716F 2P Carrollton Phase E	201803	(144.48)	0.94%	99.06%	\$ (143.12)	13.5	0.00148333	(2.87)	(2.55)
376300-Mains - Plastic	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201803	20.86	1.48%	98.52%	\$ 20.55	13.5	0.00148333	0.41	0.37
376300-Mains - Plastic	800284	F0604	Repl w/ 11888F 2&P Carrollton Phs G	201803	(23,343.07)	-0.41%	100%	\$ (23,343.07)	13.5	0.00148333	(467.44)	(415.51)
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201803	(71.00)	0.80%	99.20%	\$ (70.43)	13.5	0.00148333	(1.41)	(1.25)
376300-Mains - Plastic	800286	F0604	Repl w/ 12516F 2&P Carrollton Ph I	201803	(207.47)	0.14%	99.86%	\$ (207.12)	13.5	0.00148333	(4.15)	(3.69)
376300-Mains - Plastic	800290	F0604	Repl 4722F 2&P Rt 24 & Sterling	201803	(5,535.95)	3.01%	95.99%	\$ (5,369.24)	13.5	0.00148333	(102.52)	(95.57)
376300-Mains - Plastic	800338	F0599	Repl w/ 4688F 2&P St Joe Grid Ph 2C	201803	(13,540.47)	-0.41%	100%	\$ (13,540.47)	13.5	0.00148333	(271.15)	(241.02)
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St Joe's Ph2D	201803	(2,158.06)	-0.21%	100%	\$ (2,158.06)	13.5	0.00148333	(43.22)	(38.41)
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2&P St Joe's Ph2E	201803	(60,490.44)	-0.46%	100%	\$ (60,490.44)	13.5	0.00148333	(1,211.32)	(1,076.73)
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3&P 16th & Roosevelt	201803	3,819.97	0.00%	100%	\$ 3,819.97	13.5	0.00148333	76.31	67.84
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2&P Pleasant Hill Ph7	201803	(3,299.44)	6.66%	93.34%	\$ (3,079.57)	13.5	0.00148333	(61.87)	(54.62)
376300-Mains - Plastic	800439	F0599	KC-39th & State Line Cast Iron PhB	201803	(411,515.25)	-0.52%	100%	\$ (411,515.25)	13.5	0.00148333	(8,240.57)	(7,324.65)
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201803	(140,067.67)	0.38%	99.62%	\$ (139,534.88)	13.5	0.00148333	(2,794.18)	(2,483.79)
376300-Mains - Plastic	800441	F0599	KC-39th & State Line Cast Iron PhA	201803	(137,504.72)	-0.08%	100%	\$ (137,504.72)	13.5	0.00148333	(2,753.53)	(2,447.58)
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2&P Liberty Ph1	201803	(31.48)	0.00%	100%	\$ (31.48)	13.5	0.00148333	(0.63)	(0.56)
376300-Mains - Plastic	800449	F0604	Repl w/ 930F 2P Kiger N of Rt 24	201803	(2,563.67)	0.00%	100%	\$ (2,563.67)	13.5	0.00148333	(51.34)	(45.63)
376300-Mains - Plastic	800463	F0599	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201803	(768.81)	0.00%	100%	\$ (768.81)	13.5	0.00148333	(15.40)	(13.68)
376300-Mains - Plastic	800475	F0572	Repl w/ 4037 2&P Park and Jackson	201803	19.49	-0.53%	100%	\$ 19.49	13.5	0.00148333	0.39	0.35
376300-Mains - Plastic	800491	F0604	Repl w/ 3182F 2&P Harris S of Shely	201803	9,394.93	-0.17%	100%	\$ 9,394.93	13.5	0.00148333	188.13	167.23
376300-Mains - Plastic	800542	F0604	Repl w/ 14507F 2-6-12P Blue Ridge	201803	(116.67)	2.15%	97.85%	\$ (114.16)	13.5	0.00148333	(2.29)	(2.03)
376300-Mains - Plastic	800558	F0572	Repl w/ 3645F 2&P Neosho Grid Ph1	201803	(57,275.33)	-0.25%	100%	\$ (57,275.33)	13.5	0.00148333	(1,146.94)	(1,019.50)
376300-Mains - Plastic	800566	F0604	Repl w/ 3425F 2P 12th & Lipper	201803	45,731.56	0.00%	100%	\$ 45,731.56	13.5	0.00148333	915.77	814.02
376300-Mains - Plastic	800597	F0604	Repl w/ 8866F 2&P Alma Phase 1	201803	28.74	5.36%	94.64%	\$ 27.20	13.5	0.00148333	0.54	0.48
376300-Mains - Plastic	800599	F0604	Repl w/ 9540F 2&P Blackburn Phase 2	201803	(29.56)	2.47%	97.53%	\$ (28.83)	13.5	0.00148333	(0.59)	(0.51)
376300-Mains - Plastic	800600	F0604	Repl w/ 7055 2&P Blackburn Phase A	201803	(32.12)	0.94%	99.06%	\$ (31.82)	13.5	0.00148333	(0.64)	(0.57)
376300-Mains - Plastic	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201803	(20,310.66)	1.30%	98.70%	\$ (20,045.75)	13.5	0.00148333	(401.42)	(356.81)
376300-Mains - Plastic	800610	F0572	Repl w/ 6055F 2&P Marionville PhC	201803	(83,286.12)	-0.38%	100%	\$ (83,286.12)	13.5	0.00148333	(1,667.80)	(1,482.49)
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2&P Liberty Ph2	201803	(34.65)	-2.49%	100%	\$ (34.65)	13.5	0.00148333	(0.69)	(0.62)
376300-Mains - Plastic	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201803	13,556.16	0.53%	99.47%	\$ 13,485.95	13.5	0.00148333	270.06	240.05
376300-Mains - Plastic	800727	F0604	Repl w/ 2387 2&P 31st & Mason St	201803	(13,737)	0.15%	99.85%	\$ (13,777)	13.5	0.00148333	(0.28)	(0.25)
376300-Mains - Plastic	800758	F0604	Repl w/ 10116 2&P Concordia Phase A	201803	(198,400)	0.94%	99.06%	\$ (197,575)	13.5	0.00148333	(3,866)	(3,466)
376300-Mains - Plastic	800759	F0604	Repl 7111F 2&P Concordia Phase B	201803	(17,925.54)	0.94%	99.06%	\$ (17,757.75)	13.5	0.00148333	(355.60)	(316.09)
376300-Mains - Plastic	800760	F0604	Repl 11566F 2&P Concordia Phase C	201803	734,889.43	2.01%	97.99%	\$ 720,142.27	13.5	0.00148333	14,420.82	12,618.50
376300-Mains - Plastic	800824	F0599	Repl w/ 420F 2&P 9th & Bales	201803	(16,740.53)	1.06%	98.84%	\$ (16,562.66)	13.5	0.00148333	(331.67)	(294.81)
376300-Mains - Plastic	800826	F0599	Repl 670F 2&P 4-6P 10th & Benton	201803	4,281.33	0.00%	100%	\$ 4,281.33	13.5	0.00148333	85.73	76.21
376300-Mains - Plastic	800827	F0604	Repl w/ 2565F 2P Lee St & Main	201803	53,849.17	-0.57%	100%	\$ 53,849.17	13.5	0.00148333	1,078.33	958.51
376300-Mains - Plastic	800830	F0604	Repl w/ 2200F 2&P Pleasant Hill Ph8	201803	29,920.70	1.02%	98.98%	\$ 29,634.48	13.5	0.00148333	593.40	509.69
376300-Mains - Plastic	800855	F0604	Repl 8660F 2&P Carrollton Grid Ph L	201803	(11.7)	0.00%	100%	\$ (11.7)	13.5	0.00148333	(0.22)	(0.20)
376300-Mains - Plastic	800856	F0604	Repl 9494F 2P Carrollton Grid Ph K	201803	(35.13)	-0.69%	100%	\$ (35.13)	13.5	0.00148333	(0.70)	(0.63)
376300-Mains - Plastic	800864	F0604	Repl w/ 3915F 2-4-6P 75th St RT 350	201803	(6,595.66)	-0.43%	100%	\$ (6,595.66)	13.5	0.00148333	(132.08)	(117.40)
376300-Mains - Plastic	800900	F0599	Repl w/ 30F 4P 2525 OakleyAOR	201803	(2,841.82)	0.00%	100%	\$ (2,841.82)	13.5	0.00148333	(56.91)	(50.58)
376300-Mains - Plastic	800912	F0572	Repl w/ 1645F 2&P 135 E & Morfet	201803	(84,122.64)	-0.04%	100%	\$ (84,122.64)	13.5	0.00148333	(1,684.55)	(1,497.38)
376300-Mains - Plastic	800940	F0599	Repl w/ 126323.08 & 25th	201803	126,523.08	-3.47%	100%	\$ 124,523.08	13.5	0.00148333	2,536.62	2,259.61
376300-Mains - Plastic	800977	F0604	Repl 8058F 2P Liberty & Stone	201803	173,986.67	3.43%	95.77%	\$ 168,027.59	13.5	0.00148333	3,364.74	2,990.88
376300-Mains - Plastic	901040	F0599	Inst 6782F 12P Budd Park Header Ph1	201803	(1,153.18)	0.00%	100%	\$ (1,153.18)	13.5	0.00148333	(23.09)	(20.53)
376300-Mains - Plastic	901041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201803	2,761.10	0.00%	100%	\$ 2,761.10	13.5	0.00148333	55.29	48.15
376300-Mains - Plastic	901042	F0599	Inst 8105F 6-8 Budd Park Header Ph3	201803	(241.14)	-0.04%	100%	\$ (241.14)	13.5	0.00148333	(4.83)	(4.29)
376300-Mains - Plastic	901062	F0599	Repl 40F 6P AOR 3046Holmes	201803	10.26	0.00%	100%	\$ 10.26	13.5	0.00148333	0.21	0.18
376300-Mains - Plastic	901063	F0599	Repl 430F 4P 27th & McGehee	201803	295.40	2.28%	97.72%	\$ 288.57	13.5	0.00148333	5.78	5.14
376300-Mains - Plastic	901115	F0599	Repl 538F 2&P 39th & Forest AOR	201803	(5,784.94)	-0.94%	100%	\$ (5,764.94)	13.5	0.00148333	(115.44)	(102.62)
376300-Mains - Plastic	901119	F0572	Repl 2794F 2P 34th and Peart	201803	(4,472.23)	-3.44%	100%	\$ (4,472.23)	13.5	0.00148333	(89.56)	(79.61)
376300-Mains - Plastic	901125	F0572	Repl 3065F 2&P 16th & Bird	201803	(689.54)	1.17%	98.83%	\$ (681.45)	13.5	0.00148333	(13.65)	(12.13)
376300-Mains - Plastic	901149	F0572	Repl 4180F 2&P 24th & Meadow	201803	(6,602.28)	-0.98%	100%	\$ (6,602.28)	13.5	0.00148333	(132.21)	(117.52)
376300-Mains - Plastic	901156	F0599	Repl 572F 4P 29th and Bales	201803	8,236.89	0.40%	99.60%	\$ 8,203.99	13.5	0.00148333	164.28	146.03
376300-Mains - Plastic	901167	F0604	Repl 925F 6P Jefferson St	201803	(122,622)	-0.22%	100%	\$ (122,622)	13.5	0.00148333	(2,448)	(2,181)
376300-Mains - Plastic	901179	F0604	Repl 8774F 2&P 68th & Woodson	201803	(3,619.28)	100%	100%	\$ (3,619.28)	13.5	0.00148333	(74.39)	(66.81)
376300-Mains - Plastic	901193	F0572	Repl 6790F 2&P Carthage Area Ph 1A	201803	(1,004.18)	0.78%	99.22%	\$ (996.31)	13.5	0.00148333	(19.95)	(17.73)
376300-Mains - Plastic	901219	F0604	Repl 5080F 2&P 39th & S Main St	201803	(10,109.94)	-0.11%	100%	\$ (10,109.94)	13.5	0.00148333	(202.45)	(179.96)
376300-Mains - Plastic	901220	F0604	Repl 11975F 2&P Shely & E33rd Ter	201803	989,279.10	9.12%	90.88%	\$ 899,042.96	13.5	0.00148333	18,003.29	16,002.93
376300-Mains - Plastic	901223	F0604	Repl 1420F 2P W&E Cleveland/Holden	201803	(2,304.95)	0.00%	100%	\$ (2,304.95)	13.5	0.00148333	(46.16)	(41.03)
376300-Mains - Plastic	901238	F0599	Repl 1368F 4&P Kansas & 22nd	201803	8.36	0.48%	99.52%	\$ 8.32	13.5	0.00148333	0.17	0.15
376300-Mains - Plastic	901241	F0604	Repl 30F 30th & Agnes AOR	201803	(8,363.40)	0.00%	100%	\$ (8,363.40)	13.5	0.00148333	(167.49)	(150.82)
376300-Mains - Plastic	901242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201803	7.49	0.00%	100%	\$ 7.49	13.5	0.00148333	0.15	0.14
376300-Mains - Plastic	90125											

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition	Months	Degr Mo Rate	Accum Degr	Degr Expense	
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201804	(137.38)	-0.94%	100%	\$	(137.38)	12.5	0.00148333	(2.55)	(2.45)
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201804	(72.63)	0.94%	99.06%	\$	(71.95)	12.5	0.00148333	(1.33)	(1.28)
376300-Mains - Plastic	800279	F0604	Repl w 8003F 2P Carrollton Phase F	201804	22.09	1.48%	98.52%	\$	21.76	12.5	0.00148333	0.40	0.39
376300-Mains - Plastic	800284	F0604	Repl w 11865F 2-4P Carleton Ph G	201804	(11,709.33)	-0.41%	100%	\$	(11,709.33)	12.5	0.00148333	(217.12)	(208.43)
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201804	(35.44)	0.80%	99.20%	\$	(35.16)	12.5	0.00148333	(0.65)	(0.63)
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201804	(103.99)	0.14%	99.86%	\$	(103.85)	12.5	0.00148333	(1.93)	(1.85)
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201804	(2,627.88)	3.01%	96.99%	\$	(2,548.73)	12.5	0.00148333	(47.26)	(45.37)
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201804	1,015,738.51	1.50%	98.50%	\$	1,000,464.78	12.5	0.00148333	18,850.24	17,808.23
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-6P St Joe Grd Ph 2C	201804	5,512.08	-0.41%	100%	\$	5,512.08	12.5	0.00148333	10.20	9.81
376300-Mains - Plastic	800340	F0599	Repl w 4646F 2P St Joe's Ph2D	201804	(338.48)	-0.21%	100%	\$	(338.48)	12.5	0.00148333	(6.29)	(6.02)
376300-Mains - Plastic	800341	F0599	Repl w 4704F 2-6P St Joe's Ph2E	201804	4,080.44	-0.46%	97.0%	\$	4,080.44	12.5	0.00148333	75.98	72.63
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-6P 16th & Roosevelt	201804	(1,036.94)	0.00%	100%	\$	(1,036.94)	12.5	0.00148333	(19.23)	(18.46)
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201804	21,036.54	6.66%	93.34%	\$	19,634.69	12.5	0.00148333	364.06	349.50
376300-Mains - Plastic	800431	F0599	Target Marlborough West Phase 1	201804	(45,176.86)	0.25%	99.75%	\$	(45,066.08)	12.5	0.00148333	(835.60)	(802.17)
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201804	26.92	0.38%	99.62%	\$	26.82	12.5	0.00148333	0.50	0.48
376300-Mains - Plastic	800444	F0604	Repl w/ 3800F 2-4P Liberty Ph1	201804	(15.75)	0.00%	100%	\$	(15.75)	12.5	0.00148333	(0.29)	(0.28)
376300-Mains - Plastic	800449	F0604	Repl w 803F 2P Koger & of Rt 24	201804	(965.55)	0.00%	100%	\$	(965.55)	12.5	0.00148333	(17.92)	(17.20)
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201804	5,265.76	0.00%	100%	\$	5,265.76	12.5	0.00148333	97.84	93.73
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201804	690,497.32	0.37%	99.63%	\$	687,936.30	12.5	0.00148333	12,565.46	12,245.24
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201804	(3.07)	-0.17%	100%	\$	(3.07)	12.5	0.00148333	(0.06)	(0.05)
376300-Mains - Plastic	800542	F0604	Repl w 1450F 2-6-12P Blue Ridge	201804	(59.09)	2.15%	97.85%	\$	(57.82)	12.5	0.00148333	(1.07)	(1.03)
376300-Mains - Plastic	800558	F0572	Repl w 3645F 2-4P Nesho Grd Ph1	201804	(11,412.98)	-0.25%	100%	\$	(11,412.98)	12.5	0.00148333	(211.62)	(203.15)
376300-Mains - Plastic	800597	F0604	Repl w 8695F 2-4P Alma Phase 1	201804	(32,826.07)	5.36%	94.54%	\$	(30,857.47)	12.5	0.00148333	(572.15)	(549.26)
376300-Mains - Plastic	800598	F0604	Repl w 7500F 2-4P Alma Phase 2	201804	(19,174.42)	0.07%	99.93%	\$	(19,161.19)	12.5	0.00148333	(355.28)	(341.07)
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201804	(8,179.90)	2.47%	97.53%	\$	(7,977.87)	12.5	0.00148333	(147.92)	(142.01)
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201804	2,131.86	0.94%	99.06%	\$	2,111.78	12.5	0.00148333	39.16	37.99
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201804	(110.32)	-0.14%	100%	\$	(110.32)	12.5	0.00148333	(2.05)	(1.96)
376300-Mains - Plastic	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	201804	(17.39)	-2.49%	100%	\$	(17.39)	12.5	0.00148333	(0.32)	(0.31)
376300-Mains - Plastic	800654	F0572	Repl w 8165F 2-6P Nesho C-601 1B	201804	458,103.33	5.36%	100%	\$	458,103.33	12.5	0.00148333	8,494.89	8,154.33
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201804	(7.01)	0.15%	99.85%	\$	(7.00)	12.5	0.00148333	(0.13)	(0.12)
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201804	7,865.75	1.85%	99.15%	\$	7,720.00	12.5	0.00148333	143.14	137.42
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201804	23,588.46	0.94%	98.96%	\$	23,367.66	12.5	0.00148333	432.27	415.94
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201804	6,870.46	2.01%	97.99%	\$	6,644.40	12.5	0.00148333	123.20	118.27
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201804	589,081.48	6.20%	93.80%	\$	552,541.38	12.5	0.00148333	10,245.02	9,835.21
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201804	435,339.07	-0.23%	100%	\$	435,339.07	12.5	0.00148333	8,071.89	7,749.02
376300-Mains - Plastic	800763	F0604	Repl 751 2-6P P&S - Concordia	201804	751,267.18	0.00%	100%	\$	743,710.28	12.5	0.00148333	13,780.60	13,238.01
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201804	756,974.47	0.00%	100%	\$	756,974.47	12.5	0.00148333	14,035.54	13,474.12
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201804	(14.82)	-0.57%	100%	\$	(14.82)	12.5	0.00148333	(0.27)	(0.26)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grd Ph L	201804	(5.61)	0.00%	100%	\$	(5.61)	12.5	0.00148333	(0.10)	(0.10)
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grd Ph K	201804	(17.68)	-0.69%	100%	\$	(17.68)	12.5	0.00148333	(0.33)	(0.31)
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201804	(74.20)	-0.43%	100%	\$	(74.20)	12.5	0.00148333	(1.30)	(1.25)
376300-Mains - Plastic	800912	F0604	Repl w 1420F 1-2-4P E & Main	201804	(14.50)	0.00%	100%	\$	(14.50)	12.5	0.00148333	(0.26)	(0.26)
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201804	(13,996.87)	-5.25%	100%	\$	(13,996.87)	12.5	0.00148333	(259.52)	(249.14)
376300-Mains - Plastic	800977	F0604	Repl 8065F 2P Liberty & Stone	201804	(54.91)	3.43%	96.57%	\$	(53.03)	12.5	0.00148333	(0.98)	(0.94)
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201804	(2,954.01)	0.00%	100%	\$	(2,954.01)	12.5	0.00148333	(54.77)	(52.58)
376300-Mains - Plastic	801041	F0599	Inst 9410F 1-2 Budd Park Header Ph2	201804	3,086.29	0.00%	100%	\$	3,086.29	12.5	0.00148333	57.22	54.94
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Budd Park Header Ph3	201804	(113.19)	-0.04%	100%	\$	(113.19)	12.5	0.00148333	(2.10)	(2.01)
376300-Mains - Plastic	801057	F0599	Repl w 6189F 2P Liberty & C-601	201804	61,898.52	0.00%	97.52%	\$	59,632.37	12.5	0.00148333	1,104.89	1,068.91
376300-Mains - Plastic	801092	F0599	Repl 40F 6P AOR 3048 Holmes	201804	0.26	0.00%	100%	\$	0.26	12.5	0.00148333	0.02	0.02
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201804	(1,563.04)	2.28%	97.72%	\$	(1,527.41)	12.5	0.00148333	(28.32)	(27.19)
376300-Mains - Plastic	801115	F0599	Repl 535F 2-4P 9th & Forest AOR	201804	(363.07)	0.00%	100%	\$	(363.07)	12.5	0.00148333	(6.73)	(6.46)
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201804	(1,240.68)	-3.44%	100%	\$	(1,240.68)	12.5	0.00148333	(23.00)	(22.08)
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201804	(347.55)	1.17%	98.83%	\$	(343.47)	12.5	0.00148333	(6.37)	(6.11)
376300-Mains - Plastic	801149	F0572	Repl 4105F 2-4P 24th & Meadow	201804	(1,968.72)	-0.93%	100%	\$	(1,968.72)	12.5	0.00148333	(36.07)	(34.77)
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201804	(11.03)	0.40%	99.60%	\$	(10.99)	12.5	0.00148333	(0.20)	(0.20)
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201804	(61.83)	-0.22%	100%	\$	(61.83)	12.5	0.00148333	(1.15)	(1.10)
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201804	(2,348.40)	-0.23%	100%	\$	(2,348.40)	12.5	0.00148333	(43.54)	(41.80)
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201804	(27.69)	0.78%	99.22%	\$	(27.47)	12.5	0.00148333	(0.51)	(0.49)
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 98th & S Main St	201804	77,149.35	-0.11%	100%	\$	77,149.35	12.5	0.00148333	1,430.47	1,373.25
376300-Mains - Plastic	801220	F0604	Repl 1195F 2-4P 98th & E33rd Ter	201804	(7,483.19)	9.12%	90.88%	\$	(6,806.62)	12.5	0.00148333	(126.09)	(121.06)
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland/Hidden	201804	1,811.22	1.21%	98.79%	\$	1,811.22	12.5	0.00148333	33.26	32.68
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201804	10.31	0.48%	99.52%	\$	10.26	12.5	0.00148333	0.19	0.18
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201804	(354.86)	0.00%	100%	\$	(354.86)	12.5	0.00148333	(6.58)	(6.32)
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201804	3.67	0.00%	100%	\$	3.67	12.5	0.00148333	0.07	0.07
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201804	(985.81)	-0.80%	100%	\$	(985.81)	12.5	0.00148333	(18.28)	(17.55)
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestrut	201804	(865.71)	0.00%	100%	\$	(865.71)	12.5	0.00148333	(16.05)	(15.41)
376300-Mains - Plastic	801284	F0572	Repl 562F 2-4P 24th & Hwy K	201804	(4,170.20)	0.63%	97						

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201805	1,426,125.75	-0.11%	100%	\$ 1,426,125.75	11.5	0.00148333	24,327.27	25,384.98
376300-Mains - Plastic	800794	F0599	Inst 5455F 12" Header Dunn Park#171	201805	1,446,023.19	0.00%	100%	\$ 1,446,023.19	11.5	0.00148333	24,666.69	25,739.15
376300-Mains - Plastic	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201805	(89.30)	0.00%	100%	\$ (89.30)	11.5	0.00148333	(1.43)	(1.49)
376300-Mains - Plastic	801602	F0599	Repl 30F 6P Topgong & Smart AOR	201805	(38.96)	0.00%	100%	\$ (38.96)	11.5	0.00148333	(0.69)	(0.69)
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201805	(22.71)	0.00%	100%	\$ (22.71)	11.5	0.00148333	(0.39)	(0.40)
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201805	(2.14)	0.00%	100%	\$ (2.14)	11.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201805	(0.33)	0.00%	100%	\$ (0.33)	11.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201805	1.05	0.00%	100%	\$ 1.05	11.5	0.00148333	0.02	0.02
376300-Mains - Plastic	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201805	20,679.26	0.00%	100%	\$ 20,679.26	11.5	0.00148333	362.75	368.09
376300-Mains - Plastic	800827	F0599	Repl 40F 4P ACR 2126 48th Ter	201805	26,354.33	0.00%	100%	\$ 26,354.33	11.5	0.00148333	448.96	469.11
376300-Mains - Plastic	800777	F0604	Repl 11775F 2-4P Carrollton Ph D	201805	(85,854.12)	-0.94%	100%	\$ (85,854.12)	11.5	0.00148333	(1,464.52)	(1,528.20)
376300-Mains - Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201805	(54,996.00)	-2.48%	97.52%	\$ (53,632.99)	11.5	0.00148333	(914.89)	(954.67)
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201805	(49,973.44)	-1.48%	98.52%	\$ (49,236.25)	11.5	0.00148333	(839.69)	(876.40)
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201805	(45,234.80)	-2.36%	97.64%	\$ (44,168.66)	11.5	0.00148333	(753.44)	(786.20)
376300-Mains - Plastic	800259	F0604	Repl w 8606F 2P Pleasant Hill Ph6	201805	(44,275.71)	-2.28%	97.72%	\$ (43,265.37)	11.5	0.00148333	(738.03)	(770.12)
376300-Mains - Plastic	800076	F0604	Repl w 4914 2-6P Tipton PhG	201805	(29,562.05)	-0.04%	100%	\$ (29,562.05)	11.5	0.00148333	(504.28)	(526.20)
376300-Mains - Plastic	800274	F0604	Repl w 7020F 2-4P Carrollton Ph D	201805	(27,495.91)	-0.08%	100%	\$ (27,495.91)	11.5	0.00148333	(469.03)	(499.43)
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alpha Phase 1	201805	(20,642.21)	-5.36%	94.64%	\$ (19,535.80)	11.5	0.00148333	(333.25)	(347.74)
376300-Mains - Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201805	(18,752.88)	-0.30%	100%	\$ (18,752.88)	11.5	0.00148333	(319.89)	(333.80)
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201805	(18,316.84)	0.14%	99.86%	\$ (18,290.33)	11.5	0.00148333	(312.00)	(325.57)
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201805	(18,209.52)	1.85%	98.15%	\$ (18,720.10)	11.5	0.00148333	(304.87)	(318.12)
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201805	(18,178.92)	0.94%	99.06%	\$ (18,008.01)	11.5	0.00148333	(307.19)	(320.54)
376300-Mains - Plastic	800335	F0599	St. Joe South Grid Phase 2A - MGEE	201805	(17,485.53)	0.63%	99.37%	\$ (17,376.11)	11.5	0.00148333	(298.41)	(309.29)
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Blvd	201805	(17,378.11)	1.17%	98.83%	\$ (17,175.81)	11.5	0.00148333	(292.99)	(305.79)
376300-Mains - Plastic	800340	F0599	Repl w 6468F 2P St. Joe's Ph2D	201805	(11,349.33)	-0.21%	100%	\$ (11,349.33)	11.5	0.00148333	(193.60)	(202.02)
376300-Mains - Plastic	800275	F0604	Repl w 6004F 2-4P Carrollton Ph B	201805	(11,101.32)	1.94%	98.06%	\$ (10,886.21)	11.5	0.00148333	(185.70)	(193.77)
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201805	(10,104.82)	0.77%	99.23%	\$ (10,026.61)	11.5	0.00148333	(171.04)	(178.47)
376300-Mains - Plastic	800284	F0572	Repl w 6503F 2P Webb City Ph2C	201805	(9,864.76)	0.02%	99.98%	\$ (9,862.61)	11.5	0.00148333	(168.24)	(175.55)
376300-Mains - Plastic	800073	F0604	Tipton Grid Phase F - Bare steel re	201805	(9,205.27)	0.53%	99.47%	\$ (9,161.82)	11.5	0.00148333	(159.23)	(164.59)
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2P Carrollton Phase D	201805	(8,173.45)	-0.58%	100%	\$ (8,173.45)	11.5	0.00148333	(139.43)	(145.40)
376300-Mains - Plastic	800091	F0604	Repl w 2119F 2-4P Belton Ph1A	201805	(7,053.31)	3.59%	96.41%	\$ (6,800.13)	11.5	0.00148333	(116.00)	(121.04)
376300-Mains - Plastic	800255	F0572	Repl w 4646F 2-4P Webb City Ph2D	201805	(5,347.47)	-0.71%	100%	\$ (5,347.47)	11.5	0.00148333	(91.22)	(95.18)
376300-Mains - Plastic	800412	F0572	Repl w 5734F 2-4P Purcell 1B	201805	(5,115.69)	2.02%	97.98%	\$ (5,012.12)	11.5	0.00148333	(85.50)	(89.22)
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201805	(4,887.75)	-0.51%	100%	\$ (4,887.75)	11.5	0.00148333	(83.38)	(87.00)
376300-Mains - Plastic	800849	F0604	Repl 1330F 2P Carrollton Grid Ph J	201805	(3,796.63)	0.00%	100%	\$ (3,796.63)	11.5	0.00148333	(64.79)	(67.58)
376300-Mains - Plastic	800126	F0599	Repl 320F 2-4P Liberty Phase 1	201805	(3,745.98)	-0.55%	100%	\$ (3,735.95)	11.5	0.00148333	(64.07)	(66.86)
376300-Mains - Plastic	800599	F0604	Repl w 6540F 2-4P Blackburn Phase 2	201805	(3,650.26)	2.47%	97.53%	\$ (3,560.10)	11.5	0.00148333	(60.73)	(63.37)
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201805	(2,451.38)	0.67%	99.33%	\$ (2,434.98)	11.5	0.00148333	(41.54)	(43.34)
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 PAS - Concordia Ph F	201805	(1,851.97)	1.01%	98.99%	\$ (1,833.34)	11.5	0.00148333	(31.27)	(32.63)
376300-Mains - Plastic	800135	F0604	Repl 3365F 2-4P Emma 1B - Miller	201805	(1,845.59)	-0.29%	100%	\$ (1,845.59)	11.5	0.00148333	(31.48)	(32.85)
376300-Mains - Plastic	800392	F0604	Repl 4644F 2P Belton Ph	201805	(1,295.50)	-1.64%	100%	\$ (1,295.50)	11.5	0.00148333	(22.40)	(23.06)
376300-Mains - Plastic	800301	F0572	Repl w 10454F 2-4P Republic Ph1	201805	(915.83)	0.11%	98.50%	\$ (905.70)	11.5	0.00148333	(15.45)	(16.12)
376300-Mains - Plastic	800761	F0604	Repl 0989F 2-4P Concordia Phase D	201805	(563.36)	6.20%	93.80%	\$ (528.42)	11.5	0.00148333	(9.01)	(9.41)
376300-Mains - Plastic	800626	F0604	Repl 7093F 2-4P Concordia Phase E	201805	(463.18)	-0.23%	100%	\$ (463.18)	11.5	0.00148333	(7.90)	(8.24)
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201805	(427.24)	0.94%	99.06%	\$ (423.24)	11.5	0.00148333	(7.22)	(7.53)
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201805	(271.67)	2.01%	97.99%	\$ (266.22)	11.5	0.00148333	(4.54)	(4.74)
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201805	(247.21)	-0.11%	100%	\$ (247.21)	11.5	0.00148333	(4.22)	(4.40)
376300-Mains - Plastic	801179	F0604	Repl 8710F 2-4P 56th & Woodson	201805	(204.26)	-0.70%	100%	\$ (204.26)	11.5	0.00148333	(3.78)	(3.96)
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201805	(41.22)	-0.61%	100%	\$ (41.22)	11.5	0.00148333	(0.72)	(0.74)
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Ph G	201805	(36.35)	-0.41%	100%	\$ (35.35)	11.5	0.00148333	(0.60)	(0.63)
376300-Mains - Plastic	800258	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201805	(18.15)	1.61%	98.93%	\$ (17.86)	11.5	0.00148333	(0.30)	(0.32)
376300-Mains - Plastic	800542	F0604	Repl w 1450F 2-6 12P Blue Ridge	201805	(17.37)	2.15%	97.85%	\$ (17.00)	11.5	0.00148333	(0.29)	(0.31)
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201805	(6.45)	0.65%	99.35%	\$ (6.41)	11.5	0.00148333	(0.11)	(0.11)
376300-Mains - Plastic	800356	F0604	Repl 3405F 2-4P Carrollton Grid Ph K	201805	(5.18)	-0.69%	100%	\$ (5.18)	11.5	0.00148333	(0.09)	(0.09)
376300-Mains - Plastic	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	201805	(5.05)	-2.49%	100%	\$ (5.05)	11.5	0.00148333	(0.09)	(0.09)
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201805	(4.63)	0.94%	99.06%	\$ (4.59)	11.5	0.00148333	(0.08)	(0.08)
376300-Mains - Plastic	800444	F0604	Repl w 3600F 2-4P Liberty Ph1	201805	(4.57)	0.00%	100%	\$ (4.57)	11.5	0.00148333	(0.08)	(0.08)
376300-Mains - Plastic	800827	F0604	Repl w 2556F 2P Lee St & Main	201805	(4.28)	-0.57%	100%	\$ (4.28)	11.5	0.00148333	(0.07)	(0.08)
376300-Mains - Plastic	800257	F0604	Repl w 5327F 2-4P Pleasant Hill Ph4	201805	(3.85)	4.45%	95.55%	\$ (3.68)	11.5	0.00148333	(0.06)	(0.07)
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201805	(2.49)	2.72%	97.25%	\$ (2.42)	11.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800123	F0599	Repl 1420F 2P W&E Cleveland/Holden	201805	(2.42)	0.00%	100%	\$ (2.42)	11.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800122	F0599	Repl w 4556F 2P Liberty PhE	201805	(2.41)	0.68%	99.92%	\$ (2.39)	11.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201805	(2.06)	0.15%	99.85%	\$ (2.06)	11.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201805	(1.72)	-1.16%	100%	\$ (1.72)	11.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201805	(1.67)	0.00%	100%	\$ (1.67)	11.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201805	(1.38)	0.08%	99.92%	\$ (1.36)	11.5	0.00148333	(0.02)	(0.02)
376300-Mains - Plastic	800812	F0572	Repl w 1454F 2-4P E & Meritt	201805	(1.21)	-0.04%	100%	\$ (1.21)	11.5	0.00148333	(0.02)	(0.02)
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201805	(1.14)	-1.09%	98.91%	\$ (1.13)	11.5	0.00148333	(0.02)	(0.02)
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201805	(0.91)	-0.17%	100%	\$ (0.91)	11.5	0.00148333	(0.02)	(0.02)
376300-Mains - Plastic	80012											

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis		Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
						Result	Adjustment					
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201805	2,742.01	2.18%	97.82%	\$ 2,682.18	11.5	0.00148333	45.75	47.74
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201805	196,558.39	-0.18%	100%	\$ 196,558.39	11.5	0.00148333	3,325.95	3,498.73
376300-Mains - Plastic	800720	F0599	Repl w/ 4138F 2-4P Hwy 71 Gregory-M	201805	280,587.34	-0.10%	100%	\$ 280,587.34	11.5	0.00148333	4,786.34	4,994.44
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201805	(141.14)	2.28%	97.72%	\$ (137.92)	11.5	0.00148333	(2.36)	(2.46)
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201805	(18.77)	3.43%	96.57%	\$ (18.13)	11.5	0.00148333	(0.31)	(0.32)
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201805	11,300.35	0.78%	99.22%	\$ 11,211.74	11.5	0.00148333	191.25	199.57
376300-Mains - Plastic	801647	F0604	Repl 5309F 2-4P Norborne MO Phase 1	201805	223,026.04	2.30%	97.70%	\$ 217,899.68	11.5	0.00148333	3,717.00	3,876.61
376300-Mains - Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201805	280,358.37	4.59%	95.41%	\$ 267,503.75	11.5	0.00148333	4,563.16	4,761.56
376300-Mains - Plastic	801648	F0604	Repl 7146F 2-4P Norborne Ph2 Miller	201805	336,080.15	0.23%	99.77%	\$ 335,310.92	11.5	0.00148333	5,719.95	5,968.65
376300-Mains - Plastic	800463	F0599	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201805	(5,487.95)	0.00%	100%	\$ (5,487.95)	11.5	0.00148333	(93.27)	(97.33)
376300-Mains - Plastic	800455	F0572	Repl w/ 730F 3-4P 16th & Roosevelt	201805	(4,012.39)	0.00%	100%	\$ (4,012.39)	11.5	0.00148333	(68.44)	(74.42)
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201805	(65.08)	0.00%	100%	\$ (65.08)	11.5	0.00148333	(1.11)	(1.16)
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201805	(1.77)	0.48%	99.52%	\$ (1.76)	11.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201805	1.21	-0.98%	100%	\$ 1.21	11.5	0.00148333	0.02	0.02
376300-Mains - Plastic	801674	F0572	Repl 885F 4P 111 N Turk - Joplin	201805	3,633.45	0.00%	100%	\$ 3,633.45	11.5	0.00148333	61.98	64.68
376300-Mains - Plastic	801644	F0599	Repl 700F 2P 63rd & Baltimore	201805	36,005.47	2.73%	97.27%	\$ 35,021.49	11.5	0.00148333	597.41	623.38
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 65th - Indiana/Kansas	201805	88,436.32	0.00%	100%	\$ 88,436.32	11.5	0.00148333	1,508.57	1,574.16
376300-Mains - Plastic	801627	F0572	Repl 1295F 3-4P Leaks on Fairview	201805	140,103.77	-0.08%	100%	\$ 140,103.77	11.5	0.00148333	2,389.93	2,483.84
376300-Mains - Plastic	801628	F0572	Repl 2180F 2-4P Empire 5th to 8th	201805	266,181.23	-1.31%	100%	\$ 266,181.23	11.5	0.00148333	4,540.60	4,738.02
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201805	274,377.49	4.31%	95.69%	\$ 262,553.46	11.5	0.00148333	4,478.71	4,673.44
376300-Mains - Plastic	801527	F0572	Repl 1865F 2-4P McConnell Av to 7th	201805	34,029.92	0.10%	99.90%	\$ 34,673.78	11.5	0.00148333	5,862.49	6,117.38
376300-Mains - Plastic	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201805	436,770.80	na	100.00%	\$ 436,770.80	11.5	0.00148333	7,450.57	7,774.50
376300-Mains - Plastic	800702	F0599	Rel w/ 4442F 2-4-6-8P Wornall/85th	201805	\$18,706.93	na	100.00%	\$ 18,706.93	11.5	0.00148333	8,848.26	9,232.96
376300-Mains - Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201806	(189,432.32)	-0.28%	100%	\$ (189,432.32)	11.5	0.00148333	(2,950.40)	(3,371.89)
376300-Mains - Plastic	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201806	(136,985.94)	0.67%	99.33%	\$ (136,071.90)	11.5	0.00148333	(2,119.32)	(2,422.07)
376300-Mains - Plastic	800155	F0599	N Budd Park Ct Grid Repl Phase 1D	201806	(110,972.99)	2.99%	97.01%	\$ (115,517.98)	11.5	0.00148333	(1,799.19)	(2,066.22)
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201806	(74,713.06)	1.50%	99.50%	\$ (73,589.59)	11.5	0.00148333	(1,146.16)	(1,309.89)
376300-Mains - Plastic	800156	F0599	N Budd Park Ct Grid Repl Phase 1E	201806	(69,411.16)	-0.67%	100%	\$ (69,411.16)	11.5	0.00148333	(1,081.08)	(1,235.52)
376300-Mains - Plastic	800153	F0599	N Budd Park Ct Grid Repl Phase 1B	201806	(67,628.72)	0.10%	98.79%	\$ (66,751.76)	11.5	0.00148333	(1,039.68)	(1,188.16)
376300-Mains - Plastic	800151	F0599	Repl w/ 7128F 2-4P Hwy71 & Gregory K	201806	(62,349.27)	0.60%	99.40%	\$ (61,034.98)	11.5	0.00148333	(810.44)	(928.22)
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201806	(51,337.76)	2.01%	97.99%	\$ (50,307.56)	11.5	0.00148333	(783.54)	(895.47)
376300-Mains - Plastic	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201806	(50,193.84)	1.48%	98.52%	\$ (49,453.40)	11.5	0.00148333	(770.23)	(880.27)
376300-Mains - Plastic	800158	F0599	N Budd Park Ct Repl Phase 1G IUI	201806	(41,201.52)	1.31%	98.89%	\$ (40,660.80)	11.5	0.00148333	(633.29)	(723.76)
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201806	(37,840.16)	0.80%	99.20%	\$ (37,536.25)	11.5	0.00148333	(584.63)	(668.14)
376300-Mains - Plastic	800127	F0604	Ph16 Strategic Grid MGE-Belton Ph2A	201806	(35,289.96)	0.06%	99.94%	\$ (35,272.78)	11.5	0.00148333	(549.37)	(627.85)
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph B	201806	(34,288.00)	0.91%	99.83%	\$ (34,169.92)	11.5	0.00148333	(528.66)	(608.86)
376300-Mains - Plastic	800130	F0604	Repl w/ 6463F 2-4P Belton Ph 2b	201806	(27,585.77)	0.05%	99.99%	\$ (27,571.80)	11.5	0.00148333	(429.43)	(490.78)
376300-Mains - Plastic	800286	F0604	Repl w/ 12516F 2-4P Carrollton Ph 1	201806	(26,856.75)	0.14%	99.86%	\$ (26,819.35)	11.5	0.00148333	(417.71)	(477.38)
376300-Mains - Plastic	800278	F0604	Repl w/ 5716F 2P Carrollton Phase E	201806	(23,903.28)	0.94%	99.06%	\$ (23,678.55)	11.5	0.00148333	(368.79)	(421.48)
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201806	(22,835.15)	0.78%	99.22%	\$ (22,656.59)	11.5	0.00148333	(352.87)	(403.28)
376300-Mains - Plastic	800336	F0599	Repl w/ 3147F 2-4P St Joe's Ph2B	201806	(19,617.28)	5.10%	94.90%	\$ (18,503.59)	11.5	0.00148333	(320.12)	(365.85)
376300-Mains - Plastic	800277	F0604	Repl 11769F 2-4P Carrollton Ph D	201806	(19,037.07)	-0.09%	100%	\$ (19,037.07)	11.5	0.00148333	(296.50)	(336.59)
376300-Mains - Plastic	800276	F0604	Repl w/ 5333 2P Carrollton Phase C	201806	(13,271.02)	-0.58%	100%	\$ (13,271.02)	11.5	0.00148333	(206.70)	(236.22)
376300-Mains - Plastic	800463	F0599	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201806	(12,025.49)	0.00%	100%	\$ (12,025.49)	11.5	0.00148333	(187.30)	(214.05)
376300-Mains - Plastic	800758	F0604	Repl w/ 1011F 2-6P Concordia Phase A	201806	(11,349.21)	1.85%	98.15%	\$ (11,138.91)	11.5	0.00148333	(173.49)	(198.27)
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2-4P Belton Ph2C	201806	(10,136.82)	1.11%	98.89%	\$ (10,023.35)	11.5	0.00148333	(156.11)	(178.42)
376300-Mains - Plastic	800499	F0599	Repl w/ 7020F 2-12P 63rd & 55th Ph1D	201806	(9,156.77)	-0.11%	100%	\$ (9,155.77)	11.5	0.00148333	(142.60)	(162.97)
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Kirk & HWY 8	201806	(9,065.43)	0.36%	97.54%	\$ (8,754.12)	11.5	0.00148333	(136.52)	(156.92)
376300-Mains - Plastic	800414	F0604	Repl w/ 7397 2-4P Pleasant Hill Ph7	201806	(8,314.47)	6.66%	93.34%	\$ (7,760.66)	11.5	0.00148333	(120.87)	(138.36)
376300-Mains - Plastic	800664	F0604	Repl w/ 3915F 2-4-6P 75th St RT 350	201806	(8,199.89)	-0.43%	100%	\$ (8,199.89)	11.5	0.00148333	(127.71)	(145.96)
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201806	(5,964.07)	-0.69%	100%	\$ (5,964.07)	11.5	0.00148333	(92.89)	(106.16)
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shaley & E33rd Ter	201806	(5,051.41)	9.12%	90.88%	\$ (4,590.65)	11.5	0.00148333	(71.50)	(81.71)
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph3E	201806	(4,848.44)	-0.46%	100%	\$ (4,848.44)	11.5	0.00148333	(75.52)	(86.31)
376300-Mains - Plastic	801527	F0572	Repl 1865F 2-4P McConnell Av to 7th	201806	(3,946.58)	0.10%	99.39%	\$ (3,857.50)	11.5	0.00148333	(60.08)	(68.89)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201806	(3,785.02)	0.00%	100%	\$ (3,785.02)	11.5	0.00148333	(58.95)	(67.37)
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201806	(3,658.69)	2.18%	97.82%	\$ (3,578.86)	11.5	0.00148333	(55.74)	(63.70)
376300-Mains - Plastic	800148	F0599	Repl w/ 3259F 2P Hwy 71 & Gregory PhH	201806	(3,620.03)	0.62%	99.38%	\$ (3,597.44)	11.5	0.00148333	(56.03)	(64.51)
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart ADR	201806	(2,500.44)	0.00%	100%	\$ (2,500.44)	11.5	0.00148333	(38.94)	(44.55)
376300-Mains - Plastic	800702	F0599	Rel w/ 4442F 2-4-6-8P Wornall/85th	201806	(2,464.57)	na	100.00%	\$ (2,464.57)	11.5	0.00148333	(38.39)	(43.87)
376300-Mains - Plastic	800412	F0572	Repl w/ 5734F 2-4P Purcell 1B	201806	(2,341.51)	2.02%	97.98%	\$ (2,294.11)	11.5	0.00148333	(36.79)	(40.84)
376300-Mains - Plastic	801040	F0599	Inst 5782F 2P Budd Park Header Ph1	201806	(2,235.74)	1.00%	100%	\$ (2,235.74)	11.5	0.00148333	(35.07)	(39.19)
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201806	(2,238.37)	-0.18%	100%	\$ (2,238.37)	11.5	0.00148333	(34.86)	(39.84)
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201806	(2,050.41)	0.00%	100%	\$ (2,050.41)	11.5	0.00148333	(31.84)	(36.50)
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201806	(1,943.70)	-1.57%	100%	\$ (1,943.70)	11.5	0.00148333	(30.27)	(34.80)
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201806	(1,748.49)	4.31%	95.69%	\$ (1,673.14)	11.5	0.00148333	(26.06)	(29.78)
376300-Mains - Plastic	800937	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201806	(1,738.00)	1.47%	98.53%	\$ (1,712.59)	11.5	0.00148333	(26.87)	(30.48)
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 ISRS Work Order Additions Oct17 - Jun18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201806	(4.48)	0.02%	99.98%	\$ (4.48)	10.5	0.00148333	(0.07)	(0.08)
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201806	(4.48)	0.68%	99.32%	\$ (4.45)	10.5	0.00148333	(0.07)	(0.08)
376300-Mains - Plastic	800727	F0604	Repl w/ 2380F 2-4P 31st & Mason St	201806	(3.83)	0.15%	99.85%	\$ (3.82)	10.5	0.00148333	(0.06)	(0.07)
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market Waters to 2nd	201806	(3.31)	-1.16%	100%	\$ (3.31)	10.5	0.00148333	(0.06)	(0.06)
376300-Mains - Plastic	801057	F0572	Repl w/ 8235F 2-4P Neosho C-01	201806	(2.81)	2.48%	97.52%	\$ (2.74)	10.5	0.00148333	(0.04)	(0.05)
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201806	(2.53)	0.08%	99.92%	\$ (2.53)	10.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800912	F0572	Repl w/ 1645F 2-4P 135 E & Moffet	201806	(2.47)	-0.04%	100%	\$ (2.47)	10.5	0.00148333	(0.04)	(0.04)
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201806	(2.13)	1.09%	98.91%	\$ (2.11)	10.5	0.00148333	(0.03)	(0.04)
376300-Mains - Plastic	800491	F0604	Repl w/ 3182F 2-4P Harris S of Shely	201806	(1.66)	-0.17%	100%	\$ (1.66)	10.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	800899	F0599	Repl w/ 175F 2P 2722 Raytown RdACR	201806	(1.65)	0.00%	100%	\$ (1.65)	10.5	0.00148333	(0.03)	(0.03)
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th Agnes ACR	201806	(1.069)	0.00%	100%	\$ (1.069)	10.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201806	(0.48)	-0.46%	100%	\$ (0.48)	10.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201806	1.11	0.84%	99.16%	\$ 1.10	10.5	0.00148333	0.02	0.02
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201806	1.48	-0.14%	100%	\$ 1.48	10.5	0.00148333	0.02	0.03
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201806	2.23	-0.98%	100%	\$ 2.23	10.5	0.00148333	0.03	0.04
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PHH	201806	3.30	0.11%	99.89%	\$ 3.30	10.5	0.00148333	0.05	0.06
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid IME - Bolton Ph	201806	3.69	1.51%	99.89%	\$ 3.64	10.5	0.00148333	0.06	0.07
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201806	5.46	0.48%	99.52%	\$ 5.43	10.5	0.00148333	0.08	0.10
376300-Mains - Plastic	800957	F0604	Repl w/ 8860F 2-4P Alma Phase 1	201806	7.19	5.36%	94.64%	\$ 6.80	10.5	0.00148333	0.11	0.12
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201806	13.73	3.43%	96.57%	\$ 13.46	10.5	0.00148333	0.21	0.24
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201806	22.52	0.00%	100%	\$ 22.52	10.5	0.00148333	0.35	0.40
376300-Mains - Plastic	800584	F0599	Repl w/ 10395F 2-4-6-8P Target Phase3	201806	30.90	0.21%	99.79%	\$ 30.84	10.5	0.00148333	0.48	0.55
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201806	34.48	2.20%	97.83%	\$ 33.93	10.5	0.00148333	0.53	0.60
376300-Mains - Plastic	800338	F0599	Repl w/ 4888F 2-8P St. Joe Grid Ph 2C	201806	44.30	-0.41%	100%	\$ 44.30	10.5	0.00148333	0.69	0.70
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201806	115.08	-5.39%	100%	\$ 115.08	10.5	0.00148333	1.79	2.05
376300-Mains - Plastic	800432	F0599	Repl w/ 11324F 2-4P Marlborough Ph 2	201806	138.37	-0.18%	100%	\$ 138.37	10.5	0.00148333	2.16	2.46
376300-Mains - Plastic	801874	F0572	Repl 885F 4P 111 N Turk - Joplin	201806	148.99	0.00%	100%	\$ 148.99	10.5	0.00148333	2.32	2.65
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201806	302.93	-0.01%	100%	\$ 302.93	10.5	0.00148333	4.72	5.39
376300-Mains - Plastic	800097	F0604	Repl w/ 7741 F 2P Belmont PH F	201806	774.11	-0.01%	100%	\$ 774.11	10.5	0.00148333	12.06	13.81
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-6P 18th & Rosevelt	201806	1,208.22	0.00%	100%	\$ 1,208.22	10.5	0.00148333	18.82	21.51
376300-Mains - Plastic	801062	F0599	Repl 40F 6P ACR 3046 Holmes	201806	1,256.90	0.00%	100%	\$ 1,256.90	10.5	0.00148333	19.58	22.37
376300-Mains - Plastic	800449	F0604	Repl w/ 930F 2P Kiger N of Rt 24	201806	1,392.34	0.00%	100%	\$ 1,392.34	10.5	0.00148333	21.69	24.78
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201806	1,654.21	0.40%	99.80%	\$ 1,647.60	10.5	0.00148333	25.66	29.33
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201806	1,800.78	-2.18%	100%	\$ 1,800.78	10.5	0.00148333	28.05	32.05
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201806	1,926.81	0.00%	100%	\$ 1,926.81	10.5	0.00148333	30.01	34.30
376300-Mains - Plastic	801834	F0599	Repl 891F 2P 29th & Cleveland ACR	201806	2,042.21	0.00%	100%	\$ 2,042.21	10.5	0.00148333	31.81	36.37
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201806	2,312.98	-0.71%	100%	\$ 2,312.98	10.5	0.00148333	36.02	41.17
376300-Mains - Plastic	800763	F0604	Repl 1157F 2-4 P&S-Concordia Ph F	201806	3,004.31	1.01%	98.99%	\$ 2,974.09	10.5	0.00148333	46.32	52.94
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201806	3,033.06	-0.51%	100%	\$ 3,033.06	10.5	0.00148333	47.24	53.99
376300-Mains - Plastic	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201806	3,156.34	1.20%	98.80%	\$ 3,118.35	10.5	0.00148333	48.57	55.51
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201806	3,868.14	-0.61%	100%	\$ 3,868.14	10.5	0.00148333	60.25	68.85
376300-Mains - Plastic	800500	F0599	Repl w/ 8905F 2-4P 53rd & 65th St E	201806	3,942.03	0.91%	99.92%	\$ 3,942.03	10.5	0.00148333	61.40	70.37
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201806	4,176.28	-0.58%	100%	\$ 4,176.28	10.5	0.00148333	65.05	74.34
376300-Mains - Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201806	5,010.09	2.61%	97.39%	\$ 4,879.36	10.5	0.00148333	76.00	86.85
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201806	5,215.61	-1.64%	100%	\$ 5,215.61	10.5	0.00148333	81.23	92.84
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201806	5,447.67	-0.60%	100%	\$ 5,447.67	10.5	0.00148333	84.85	96.97
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201806	5,881.77	2.30%	97.70%	\$ 5,727.03	10.5	0.00148333	89.20	101.94
376300-Mains - Plastic	801668	F0604	Repl 852F 2-4P 7th & Oakley - CI	201806	6,472.78	0.00%	100%	\$ 6,472.78	10.5	0.00148333	100.81	115.23
376300-Mains - Plastic	800150	F0599	Repl w/ 4742F 2-4P 71 & Gregory Ph A	201806	7,460.08	2.59%	97.41%	\$ 7,247.24	10.5	0.00148333	112.88	129.00
376300-Mains - Plastic	801377	F0604	Repl 9890F 2-4P Waverly MO Phase 2	201806	8,334.89	1.21%	98.79%	\$ 8,234.38	10.5	0.00148333	128.25	146.57
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201806	9,390.73	-0.71%	100%	\$ 9,390.73	10.5	0.00148333	146.26	167.15
376300-Mains - Plastic	800625	F0599	Repl w/ 251F 1-2P Highland/Independ	201806	10,555.75	0.09%	99.91%	\$ 10,545.83	10.5	0.00148333	164.25	187.72
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4P 12P Dunn Park Ph1D	201806	12,914.08	0.00%	100%	\$ 12,914.08	10.5	0.00148333	201.14	229.87
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201806	13,122.13	0.00%	100%	\$ 13,044.35	10.5	0.00148333	203.17	232.06
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201806	13,384.17	0.94%	99.06%	\$ 13,258.89	10.5	0.00148333	206.51	236.01
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201806	15,686.88	0.51%	99.49%	\$ 15,606.26	10.5	0.00148333	243.07	277.79
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201806	15,776.07	-0.34%	100%	\$ 15,776.07	10.5	0.00148333	245.71	280.81
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201806	16,061.93	0.00%	100%	\$ 16,061.93	10.5	0.00148333	250.16	285.90
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mce-South Reg	201806	16,076.91	Blanket	39.02%	\$ 6,273.52	10.5	0.00148333	97.72	111.68
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201806	16,171.07	-0.51%	100%	\$ 16,171.07	10.5	0.00148333	251.96	287.84
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/ACR - CI	201806	16,546.19	0.00%	100%	\$ 16,546.19	10.5	0.00148333	257.71	294.05
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201806	16,950.14	0.00%	100%	\$ 16,950.14	10.5	0.00148333	264.00	301.71
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201806	17,233.68	-0.45%	100%	\$ 17,233.68	10.5	0.00148333	268.41	306.76
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201806	18,013.24	-0.21%	100%	\$ 18,013.24	10.5	0.00148333	280.56	320.63
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201806	22,731.48	-0.23%	100%	\$ 22,731.48	10.5	0.00148333	354.04	404.62
376300-Mains - Plastic	801114	F0599	Repl 40F 4P W 51st & Wornall Rd ACR	201806	24,880.33	0.00%	100%	\$ 24,880.33	10.5	0.00148333	387.51	442.87
376300-Mains - Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201806	25,845.52	0.00%	99.77%	\$ 25,795.35	10.5	0.00148333	417.17	478.27
376300-Mains - Plastic	800686	F0599	Repl w/ 50F 4P - 805 Bales CAOR	201806	27,386.37	0.00%	100%	\$ 27,386.37	10.5	0.00148333	426.54	487.48
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mce-North Reg	201806	28,407.07	Blanket	39.02%	\$ 11,085.69	10.5	0.00148333	172.66	197.32
376300-Mains - Plastic	801627	F0572	Repl 1295F 1-3-4P Leaks on Fairview	201806	30,317.76	-0.08%	100%	\$ 30,317.76	10.5	0.00148333	472.20	539.65
376300-Mains - Plastic	800147	F0599	Repl w/ 6327F 2-6P 71 & Gregory PhG	201806	35,384.18	0.05%	99.95%	\$ 35,365.75	10.5	0.00148333	550.82	629.51
376300-Mains - Plastic	800497	F0599	Repl w/ 6298F 2P 63rd & 55th St 1B	201806	35,915.05	0.00%	100%	\$ 35,915.05	10.5	0.00148333	553.21	632.24
376300-Mains - Plastic	801250	F0572	Repl 4865F 2-4P Carthage Area Ph 2A	201806	40,225.50	-0.69%	100%	\$ 40,225.50	10.5	0.00148333	628.53	716.03
376300-Mains - Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201806	43,323.76	3.52%	98.48%	\$ 41,800.29	10.5	0.00148333	651.04	744.04
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201806	49,432.60	0.00%	100%	\$ 49,432.60	10.5	0.00148333	769.91	879.90
376300-Mains - Plastic	801323	F0604										

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense	
380100-Services - Steel	800834	F0572	Repl w 1509F 2P 8th & Geneva	201712	18.52	1.70%	98.30%	\$	18.21	16.5	0.00223333	0.67	0.49
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201712	36.88	-3.44%	100%	\$	35.88	16.5	0.00223333	1.32	0.96
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201801	14,832.24	Blanket	83.69%	\$	12,413.35	15.5	0.00223333	429.71	332.68
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201801	1,24.01	Blanket	83.69%	\$	940.70	15.5	0.00223333	32.56	25.01
380100-Services - Steel	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201801	(471.84)	2.60%	97.40%	\$	(459.58)	15.5	0.00223333	(15.91)	(12.32)
380100-Services - Steel	800146	F0599	Repl w 4506F 2P Hwy71 & Gregory-F	201801	(847.92)	0.00%	100%	\$	(847.92)	15.5	0.00223333	(29.35)	(22.72)
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201801	3.33	0.07%	99.93%	\$	3.33	15.5	0.00223333	0.12	0.09
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201801	20.19	-3.44%	100%	\$	20.29	15.5	0.00223333	0.70	0.54
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201802	(3,563.28)	Blanket	83.69%	\$	(2,982.17)	14.5	0.00223333	(86.57)	(79.92)
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201802	(206.61)	Blanket	83.69%	\$	(172.92)	14.5	0.00223333	(6.40)	(4.63)
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201802	4.27	0.07%	99.93%	\$	4.27	14.5	0.00223333	0.14	0.11
380100-Services - Steel	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201802	24.73	0.53%	99.47%	\$	24.60	14.5	0.00223333	0.80	0.66
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201802	(19.05)	-3.44%	100%	\$	(19.05)	14.5	0.00223333	(0.62)	(0.51)
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201803	17,992.88	Blanket	83.69%	\$	15,058.54	13.5	0.00223333	454.01	403.57
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201803	524.91	Blanket	83.69%	\$	439.31	13.5	0.00223333	13.25	11.77
380100-Services - Steel	009219	F0599	BWO-Replace Svc w/ Steel (Southwest)	201803	13,998.52	Blanket	83.69%	\$	11,715.59	13.5	0.00223333	353.22	313.98
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201803	0.53	0.07%	99.93%	\$	0.53	13.5	0.00223333	0.02	0.01
380100-Services - Steel	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201803	(126.19)	0.53%	99.47%	\$	(125.52)	13.5	0.00223333	(3.78)	(3.36)
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201803	(6.81)	-3.44%	100%	\$	(6.81)	13.5	0.00223333	(0.21)	(0.18)
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201804	2,479.21	Blanket	83.69%	\$	2,074.89	12.5	0.00223333	57.92	55.61
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201804	(406.35)	Blanket	83.69%	\$	(340.08)	12.5	0.00223333	(9.49)	(9.11)
380100-Services - Steel	009219	F0599	BWO-Replace Svc w/ Steel (Southwest)	201804	226.44	Blanket	83.69%	\$	189.51	12.5	0.00223333	5.29	5.08
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PH	201804	1,904.42	0.62%	99.38%	\$	1,892.22	12.5	0.00223333	52.82	50.71
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201804	(0.13)	0.07%	99.93%	\$	(0.13)	12.5	0.00223333	-	-
380100-Services - Steel	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201804	657.86	na	100.00%	\$	657.86	12.5	0.00223333	18.37	17.63
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201804	(1.90)	-3.44%	100%	\$	(1.90)	12.5	0.00223333	(0.05)	(0.05)
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201805	(607.75)	Blanket	83.69%	\$	(508.64)	11.5	0.00223333	(13.06)	(13.63)
380100-Services - Steel	009219	F0599	BWO-Replace Svc w/ Steel (Southwest)	201805	61.24	Blanket	83.69%	\$	51.25	11.5	0.00223333	1.32	1.33
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PH	201805	3,298.93	0.62%	99.38%	\$	2,756.41	11.5	0.00223333	70.85	73.97
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PH	201805	0.23	0.62%	99.38%	\$	0.03	11.5	0.00223333	0.01	0.01
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201805	1,327.13	0.05%	99.95%	\$	1,326.44	11.5	0.00223333	34.07	35.55
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201805	45,275.74	1.32%	98.68%	\$	44,677.21	11.5	0.00223333	1,147.46	1,197.35
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201805	(744.52)	-3.44%	100%	\$	(744.52)	11.5	0.00223333	(19.12)	(19.95)
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201805	(0.02)	0.07%	99.93%	\$	(0.02)	11.5	0.00223333	-	-
380100-Services - Steel	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201805	(2,025.9)	na	100.00%	\$	(2,025.9)	11.5	0.00223333	(60.01)	(61.95)
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201805	(11,446.29)	Blanket	83.69%	\$	(9,571.68)	10.5	0.00223333	(22.46)	(22.59)
380100-Services - Steel	009219	F0599	BWO-Replace Svc w/ Steel (Southwest)	201806	(115.43)	Blanket	83.69%	\$	(96.61)	10.5	0.00223333	(2.27)	(2.59)
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PH	201806	(24.79)	0.62%	99.38%	\$	(24.64)	10.5	0.00223333	(0.58)	(0.66)
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201806	(18.71)	1.32%	98.68%	\$	(18.46)	10.5	0.00223333	(0.43)	(0.49)
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201806	(0.10)	0.07%	99.93%	\$	(0.10)	10.5	0.00223333	-	-
380100-Services - Steel	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201806	1,068.98	na	100.00%	\$	1,068.98	10.5	0.00223333	0.02	0.02
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201806	93.64	0.05%	99.95%	\$	93.59	10.5	0.00223333	2.18	2.51
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcoxia Phase 2	201806	2,351.24	0.00%	100%	\$	2,351.24	10.5	0.00223333	55.14	63.01
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxia Ph 1	201806	4,013.27	0.00%	100%	\$	4,013.27	10.5	0.00223333	94.11	107.56
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxia Phase 3	201806	4,457.40	0.00%	100%	\$	4,457.40	10.5	0.00223333	104.53	119.46
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201806	7,146.96	Blanket	83.69%	\$	5,981.41	10.5	0.00223333	140.26	160.30
Total Service Line Replacements - Steel					206,319.30			181,544.86			5,923.33	4,865.42	
Service Line Replacements - Plastic and Copper													
380200-Services - Plastic & Copper	003818	F0568	BWO SERVICE LINE LEAK RESPONSIVE	201710	(1,044.82)	Blanket	83.69%	\$	(874.43)	18.5	0.00223333	(6.33)	(23.43)
380200-Services - Plastic & Copper	004152	F0608	BWO-Rep Svc w/ PIs (North Reg)	201710	734,570.37	Blanket	83.69%	\$	614,778.15	18.5	0.00223333	25,400.38	16,478.92
380200-Services - Plastic & Copper	004153	F0513	BWO-Rep Svc w/ PIs (South Reg)	201710	17,573.84	Blanket	83.69%	\$	14,707.84	18.5	0.00223333	607.68	394.17
380200-Services - Plastic & Copper	004279	F0586	BWO SERVICE LINE MATERIAL CONTRACTO	201710	275.52	Blanket	83.69%	\$	230.59	18.5	0.00223333	9.53	6.18
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201710	5,092.11	Blanket	83.69%	\$	4,261.67	18.5	0.00223333	176.08	114.21
380200-Services - Plastic & Copper	004501	F0569	BWO-Rep Svc w/ PIs (SW Reg)	201710	30,986.78	Blanket	83.69%	\$	25,933.35	18.5	0.00223333	1,071.48	695.01
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201710	526.87	Blanket	83.69%	\$	440.95	18.5	0.00223333	18.22	11.82
380200-Services - Plastic & Copper	800046	F0599	Liberty - Grid Phase B	201710	(24,228)	-1.68%	100%	\$	(20,27)	18.5	0.00223333	(37.64)	(50.54)
380200-Services - Plastic & Copper	800069	F0604	Tipton Grid Phase C - Bare steel re	201710	8,293.84	-0.57%	100%	\$	6,943.25	18.5	0.00223333	286.79	186.03
380200-Services - Plastic & Copper	800070	F0604	Tipton Grid Phase D - Bare steel re	201710	1,814.57	0.00%	100%	\$	1,518.64	18.5	0.00223333	62.75	40.70
380200-Services - Plastic & Copper	800072	F0604	Tipton Grid Phase B - Bare steel re	201710	(6.88)	-24.75%	100%	\$	(5.76)	18.5	0.00223333	(0.24)	(0.15)
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201710	10,047.72	2.20%	97.80%	\$	10,047.72	18.5	0.00223333	415.14	289.28
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2i	201710	29,536.48	0.84%	99.16%	\$	24,722.08	18.5	0.00223333	1,021.43	662.55
380200-Services - Plastic & Copper	800112	F0599	Liberty - Grid Phase B	201710	(1,086.09)	-1.68%	100%	\$	(908.82)	18.5	0.00223333	(37.56)	(50.54)
380200-Services - Plastic & Copper	800122	F0599	Repl w 4565F 2P Liberty PhE	201710	(1,072.49)	0.68%	99.32%	\$	(897.58)	18.5	0.00223333	(37.09)	(24.06)
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201710	13.44	2.72%	97.28%	\$	11.25	18.5	0.00223333	0.46	0.30
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201710	2.51	0.05%	99.95%	\$	2.10	18.5	0.00223333	0.09	0.06
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201710	77.93	1.31%	98.98%	\$	65.22	18.5	0.00223333	2.69	1.75
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201710	(492.73)	0.00%	100%	\$	(412.37)	18.5	0.00223333	(17.04)	(11.05)
380200-Services - Plastic & Copper	800137	F0599	St. Joe's South Phase 1C - MGE	201710	(68.75)	-0.10%	100%	\$	(57.54)	18.5	0.00223333	(2.38)	(1.54)
380200-Services - Plastic & Copper	800138	F0599	St. Joe's South Phase 1D - MGE	201710	(48.54)	-1.46%	100%	\$	(40.74)	18.5	0.00223333	(1.19)	(0.77)
380200-Services - Plastic & Copper	800159	F0599	N Budd Park Cl Repl Phase 1H	201710	44,831.98	-0.21%	100%	\$	37,520.63	18.5			

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 ISRS Work Order Additions Oct17 - Jun18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201711	55.47	1.31%	98.69%	\$ 46.42	17.5	0.0022333	1.81	1.24
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid St. Joe's South 1B	201711	21.48	0.00%	100%	\$ 17.98	17.5	0.0022333	0.70	0.48
380200-Services - Plastic & Copper	800137	F0599	St. Joe's South Phase 1C - MGE	201711	5,666.12	-10.10%	100%	\$ 4,741.23	17.5	0.0022333	185.30	127.06
380200-Services - Plastic & Copper	800138	F0599	St. Joe's South Phase 1D - MGE	201711	(1,699.34)	-1.46%	100%	\$ (1,422.21)	17.5	0.0022333	(55.58)	(38.12)
380200-Services - Plastic & Copper	800154	F0599	N Budd Park Cl Grid Repl Phase 1C	201711	(3,921.39)	-2.00%	99.80%	\$ (3,281.88)	17.5	0.0022333	(128.27)	(87.56)
380200-Services - Plastic & Copper	800159	F0599	N Budd Park Cl Repl Phase 1H	201711	69.07	-0.21%	100%	\$ 57.81	17.5	0.0022333	2.26	1.55
380200-Services - Plastic & Copper	800163	F0572	Webb City Phase 1D Bare Steel Repla	201711	1.97	1.09%	98.91%	\$ 1.65	17.5	0.0022333	0.06	0.04
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201711	55.10	-5.39%	100%	\$ 46.11	17.5	0.0022333	1.80	1.24
380200-Services - Plastic & Copper	800257	F0604	Repl w/ 9327F 2&P Pleasant Hill Ph4	201711	14.14	4.45%	95.55%	\$ 11.83	17.5	0.0022333	0.46	0.32
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201711	0.55	1.61%	98.39%	\$ 0.49	17.5	0.0022333	0.02	0.01
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201711	25,292.99	2.28%	97.72%	\$ 21,159.69	17.5	0.0022333	826.98	567.08
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2&P Carrollton PhA	201711	0.50	-0.08%	100%	\$ 0.42	17.5	0.0022333	0.02	0.01
380200-Services - Plastic & Copper	800276	F0604	Repl w/ 5332F 2P Carrollton Phase C	201711	(8.00)	-0.58%	100%	\$ (6.67)	17.5	0.0022333	(0.03)	(0.02)
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2&P Carrollton Ph D	201711	92.87	-0.94%	100%	\$ 77.72	17.5	0.0022333	3.04	2.08
380200-Services - Plastic & Copper	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201711	8.28	1.48%	98.52%	\$ 6.93	17.5	0.0022333	0.27	0.19
380200-Services - Plastic & Copper	800284	F0604	Repl w/ 11880F 2&P Carrollton Ph G	201711	(0.25)	-0.41%	100%	\$ (0.21)	17.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201711	(1.11)	0.80%	99.20%	\$ (0.93)	17.5	0.0022333	(0.04)	(0.02)
380200-Services - Plastic & Copper	800286	F0604	Repl w/ 12516F 2&P Carrollton Ph I	201711	(8.36)	0.14%	99.86%	\$ (7.00)	17.5	0.0022333	(0.27)	(0.19)
380200-Services - Plastic & Copper	800338	F0599	Repl w/ 4888F 2&P St. Joe Grid Ph 2C	201711	4.90	-0.41%	100%	\$ 4.10	17.5	0.0022333	0.16	0.11
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201711	(38.74)	-0.21%	100%	\$ (32.42)	17.5	0.0022333	(1.27)	(0.87)
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201711	729.87	na	100.00%	\$ 610.84	17.5	0.0022333	23.87	16.37
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201711	(41.41)	0.00%	100%	\$ (34.66)	17.5	0.0022333	(1.35)	(0.93)
380200-Services - Plastic & Copper	800444	F0604	Repl w/ 3600F 2&P Liberty Ph1	201711	926.97	-2.49%	100%	\$ 775.80	17.5	0.0022333	(30.32)	(20.79)
380200-Services - Plastic & Copper	800491	F0604	Repl w/ 3182F 2&P Harris S of Shely	201711	(0.02)	-0.17%	100%	\$ (0.02)	17.5	0.0022333	-	0.97
380200-Services - Plastic & Copper	800526	F0578	Rel w/ 1600F 2&P Pacific & Sunrise	201711	0.13	na	100.00%	\$ 0.11	17.5	0.0022333	-	-
380200-Services - Plastic & Copper	800542	F0604	Repl w/ 14507F 2-6-12P Blue Ridge	201711	6,210.18	2.15%	97.85%	\$ 5,197.40	17.5	0.0022333	203.13	139.29
380200-Services - Plastic & Copper	800599	F0604	Repl w/ 9540F 2&P Blackburn Phase 2	201711	(0.45)	2.47%	97.53%	\$ (0.38)	17.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marlville PhA	201711	10,589.98	-0.14%	100%	\$ 8,862.93	17.5	0.0022333	346.99	237.53
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5900F 2&P Liberty Ph2	201711	(926.97)	-2.49%	100%	\$ (775.80)	17.5	0.0022333	(30.32)	(20.79)
380200-Services - Plastic & Copper	800727	F0604	Repl w/ 2380F 2&P 31st & Mason St	201711	(176,940.67)	0.15%	99.85%	\$ (148,084.59)	17.5	0.0022333	(5,787.63)	(3,968.86)
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2&P Concordia Phase B	201711	26,678.21	0.94%	99.06%	\$ 22,327.44	17.5	0.0022333	872.63	598.37
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201711	(204.20)	0.00%	100%	\$ (170.90)	17.5	0.0022333	(6.68)	(4.58)
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201711	26.98	3.43%	96.57%	\$ 22.58	17.5	0.0022333	0.88	0.61
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201711	(0.27)	0.00%	100%	\$ (0.23)	17.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Peritt	201711	98,171.24	-3.44%	100%	\$ 79,650.39	17.5	0.0022333	3,113.60	2,134.63
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 20th and Bales	201711	25.67	0.29%	99.87%	\$ 21.14	17.5	0.0022333	0.87	0.57
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TXJAZ 20th to 22nd	201711	544.60	na	100.00%	\$ 455.78	17.5	0.0022333	17.81	12.22
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2&P 39th & S Main St	201711	9,110.38	-0.11%	100%	\$ 7,624.63	17.5	0.0022333	298.00	204.34
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4&6P Kansas & 22nd	201711	1.95	0.48%	99.52%	\$ 1.63	17.5	0.0022333	0.06	0.04
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2&P 4&6P S School Rd	201711	12.96	na	100.00%	\$ 10.33	17.5	0.0022333	0.42	0.29
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2&P Emma Grid Miller 1A	201711	(0.40)	0.65%	99.35%	\$ (0.35)	17.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801365	F0604	Repl 3365 2&P Emma 1B - Miller	201711	(0.48)	-0.29%	100%	\$ (0.41)	17.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801383	F0578	Reloc 2727F 4&6P Truman Farm Trail	201711	(332.96)	na	100.00%	\$ (278.66)	17.5	0.0022333	(10.89)	(7.47)
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2&P 15th & Delaware	201711	12,555.94	na	100.00%	\$ 10,508.27	17.5	0.0022333	410.70	281.62
380200-Services - Plastic & Copper	801436	F0578	Reloc 845F 2&6P 51st & Grand	201711	(41.54)	na	100.00%	\$ (34.77)	17.5	0.0022333	(1.36)	(0.93)
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201712	302.41	Blanket	83.69%	\$ 251.09	16.5	0.0022333	9.36	6.78
380200-Services - Plastic & Copper	004152	F0598	BWO-Repl Svc w/ PIs (North Reg)	201712	644,742.37	Blanket	83.69%	\$ 539,595.61	16.5	0.0022333	19,884.07	14,481.14
380200-Services - Plastic & Copper	004153	F0598	BWO-Repl Svc w/ PIs (South Reg)	201712	52,020.88	Blanket	83.69%	\$ 43,337.22	16.5	0.0022333	1,684.34	1,166.80
380200-Services - Plastic & Copper	004279	F0586	BWO SERVICE LINE MATERIAL CONTRACTO	201712	(0.18)	Blanket	83.69%	\$ (0.15)	16.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201712	(9,764.65)	Blanket	83.69%	\$ (8,172.20)	16.5	0.0022333	(301.15)	(219.01)
380200-Services - Plastic & Copper	004288	F0541	BWO-REPLACE SERVICE	201712	(350.00)	Blanket	83.69%	\$ (292.92)	16.5	0.0022333	(10.79)	(7.85)
380200-Services - Plastic & Copper	004416	F0598	BWO-REPLACE SERVICE	201712	1.32	Blanket	83.69%	\$ 1.10	16.5	0.0022333	0.04	0.03
380200-Services - Plastic & Copper	004501	F0599	BWO-Repl Svc w/ PIs (SW Reg)	201712	21,404.73	Blanket	83.69%	\$ 17,913.97	16.5	0.0022333	660.13	480.09
380200-Services - Plastic & Copper	800499	F0599	BWO MATERIAL SERV LINE REPL COMP	201712	0.39	Blanket	83.69%	\$ 0.33	16.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800528	F0599	Liberty Header - Phase 3	201712	2,891.12	0.45%	99.55%	\$ 2,419.63	16.5	0.0022333	89.16	64.85
380200-Services - Plastic & Copper	800541	F0599	Liberty Header - Phase 4 IUI	201712	16,748.79	4.40%	95.60%	\$ 14,017.34	16.5	0.0022333	516.54	375.66
380200-Services - Plastic & Copper	800544	F0599	Repl w/ 4105F 4P Liberty Header Ph5	201712	1,531.43	5.41%	94.59%	\$ 1,281.68	16.5	0.0022333	47.23	34.35
380200-Services - Plastic & Copper	800545	F0599	Liberty - Grid Phase A	201712	36,377.43	0.91%	99.99%	\$ 30,444.88	16.5	0.0022333	1,121.89	815.92
380200-Services - Plastic & Copper	800572	F0604	Tipton Grid Phase B - Bare steel re	201712	2,369.69	-24.75%	100%	\$ 1,975.70	16.5	0.0022333	72.80	52.95
380200-Services - Plastic & Copper	800583	F0604	Holden Grid Phase 2B	201712	(0.11)	0.07%	99.16%	\$ (0.09)	16.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800591	F0604	Repl w/ 2115F 2&P Belton Ph A	201712	159.49	0.11%	99.59%	\$ 132.48	16.5	0.0022333	4.92	3.58
380200-Services - Plastic & Copper	800600	F0604	Repl w/ 9461F 2P Kingsville Ph2	201712	(110.32)	-0.90%	100%	\$ (92.33)	16.5	0.0022333	(3.40)	(2.47)
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201712	1,914.60	0.68%	99.32%	\$ 1,602.36	16.5	0.0022333	59.05	42.94
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201712	42,428.25	2.72%	97.28%	\$ 35,508.91	16.5	0.0022333	1,308.50	951.64
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201712	7,129.62	-0.46%	100%	\$ 5,966.90	16.5	0.0022333	219.88	159.91
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201712	7,433.65	0.11%	99.89%	\$ 6,221.35	16.5	0.0022333	229.26	166.73
380200-Services - Plastic & Copper	800132	F0604	FY16 Strat Grid MGE - Belton Ph	201712	55.47	1.31%	98.69%	\$ 46.42	17.5	0.0022333	1.81	1.24
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid St. Joe's South 1B	201712	(0.28)	0.00%	100%	\$ (0.23)	16.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800143	F0599	Hwy 71 & Gregory Grid Repl PhC	201712	701.34	-0.01%	100%	\$ 586.96	16.5	0.0022333	21.63	15.73
380200-Services - Plastic & Copper	800144	F0547	Hwy 71 and Gregory Grid Repl PhD	201712	(3,897.21)	-1.68%	100%	\$ (3,261.64)	16.5</			

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201801	781,381.58	Blanket	83.69%	\$ 653,951.23	15.5	0.0022333	22,637.58	17,525.87
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201801	48,790.29	Blanket	83.69%	\$ 40,833.40	15.5	0.0022333	1,413.51	1,094.33
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201801	2,556.07	Blanket	83.69%	\$ 2,140.89	15.5	0.0022333	74.11	57.38
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201801	2,471	Blanket	83.69%	\$ 2,091	15.5	0.0022333	70.10	54.19
380200-Services - Plastic & Copper	004501	F0569	BWO-Repl Svc w/ PIs (SW Reg)	201801	23,829.00	Blanket	83.69%	\$ 19,942.96	15.5	0.0022333	690.36	534.47
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201801	29.16	Blanket	83.69%	\$ 24.40	15.5	0.0022333	0.84	0.65
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201801	(190.97)		97.80%	\$ (159.83)	15.5	0.0022333	(5.53)	(4.28)
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201801	(1,811)		99.16%	\$ (1,511)	15.5	0.0022333	(0.05)	(0.04)
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1 A	201801	27.62		96.41%	\$ 22.12	15.5	0.0022333	0.80	0.62
380200-Services - Plastic & Copper	800100	F0604	Repl w/ 9461F 2P Kingsville Ph2	201801	87,530.54		100%	\$ 73,255.76	15.5	0.0022333	2,536.87	1,963.25
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4550F 2P Liberty P/E	201801	1,048		99.32%	\$ 99.32%	15.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201801	5.35		97.28%	\$ 4.48	15.5	0.0022333	0.15	0.12
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201801	0.12		100%	\$ 0.10	15.5	0.0022333	-	-
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PHH	201801	(55.21)		99.89%	\$ (46.21)	15.5	0.0022333	(1.60)	(1.24)
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201801	7,484.34		95.55%	\$ 6,263.77	15.5	0.0022333	216.83	167.87
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201801	1,930.18		98.17%	\$ 1,615.40	15.5	0.0022333	55.92	43.29
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 4482F 2-4P Webb City Ph2	201801	0.03		99.95%	\$ 0.03	15.5	0.0022333	-	-
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201801	0.86		100%	\$ 0.72	15.5	0.0022333	0.02	0.02
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201801	(6.95)		100%	\$ (5.82)	15.5	0.0022333	(0.20)	(0.16)
380200-Services - Plastic & Copper	800143	F0599	Hwy 71 & Gregory Grid Replace PhC	201801	(4,659.12)		100%	\$ (3,899.29)	15.5	0.0022333	(134.98)	(104.50)
380200-Services - Plastic & Copper	800144	F0547	Hwy 71 and Gregory Grid Repl PhD	201801	(18,759.73)		100%	\$ (15,700.33)	15.5	0.0022333	(543.49)	(420.77)
380200-Services - Plastic & Copper	800145	F0599	Repl w/ 4271F 4P-71 & Gregory Ph E	201801	(18,293.12)		97.40%	\$ (15,309.82)	15.5	0.0022333	(529.97)	(410.30)
380200-Services - Plastic & Copper	800146	F0599	Repl w/ 4509F 2P Hwy71 & Gregory-F	201801	(21,676.67)		100%	\$ (18,141.57)	15.5	0.0022333	(628.00)	(486.19)
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201801	243.28		1.30%	\$ 203.61	15.5	0.0022333	7.16	4.86
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201801	2,700.69		2.99%	\$ 2,260.25	15.5	0.0022333	78.24	60.57
380200-Services - Plastic & Copper	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201801	101,966.86		1.20%	\$ 85,339.43	15.5	0.0022333	2,964.16	2,287.09
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201801	73,144.59		1.31%	\$ 61,219.92	15.5	0.0022333	2,119.09	1,640.58
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201801	4.81		-0.21%	\$ 4.03	15.5	0.0022333	0.14	0.11
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201801	(28,149)		100%	\$ (24,400)	15.5	0.0022333	(0.84)	(0.65)
380200-Services - Plastic & Copper	800257	F0604	Repl w/ 9327F 2&4P Pleasant Hill Ph4	201801	0.30		4.45%	\$ 0.25	15.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201801	0.76		1.61%	\$ 0.64	15.5	0.0022333	0.02	0.02
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201801	471.46		2.28%	\$ 394.57	15.5	0.0022333	13.66	10.57
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4648F 2-4P Webb City Ph2D	201801	0.13		-0.71%	\$ 0.11	15.5	0.0022333	-	-
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201801	0.21		-0.08%	\$ 0.18	15.5	0.0022333	0.01	-
380200-Services - Plastic & Copper	800276	F0604	Repl w/ 5532 2P Carrollton Phase G	201801	0.35		-0.58%	\$ 0.29	15.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201801	30.7		0.94%	\$ 25.97	15.5	0.0022333	0.90	0.67
380200-Services - Plastic & Copper	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201801	75.72		1.48%	\$ 63.37	15.5	0.0022333	2.19	1.70
380200-Services - Plastic & Copper	800284	F0604	Repl w/ 11888F 2-4P Carrollton Phs G	201801	0.17		-0.41%	\$ 0.14	15.5	0.0022333	-	-
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201801	(0.42)		0.80%	\$ (0.35)	15.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800286	F0604	Repl w/ 12516F 2-4P Carrollton Ph I	201801	1.68		0.14%	\$ 1.41	15.5	0.0022333	0.05	0.04
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt.24 & Sterling	201801	45,266.67		3.01%	\$ 37,844.43	15.5	0.0022333	1,311.43	1,015.30
380200-Services - Plastic & Copper	800338	F0599	Repl w/ 4888F 2-4P St. Joe Grid Ph 2C	201801	0.71		-0.41%	\$ 0.59	15.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F St. Joe's Ph2D	201801	17.43		-0.21%	\$ 14.59	15.5	0.0022333	0.50	0.39
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201801	7.82		100.00%	\$ 6.54	15.5	0.0022333	0.23	0.18
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201801	(0.44)		na	\$ 0.37	15.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3&P 18th & Roosevelt	201801	52.52		0.00%	\$ 43.95	15.5	0.0022333	1.52	1.18
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7381 2-4P Pleasant Hill Ph7	201801	7,905.48		6.66%	\$ 6,616.24	15.5	0.0022333	229.03	177.31
380200-Services - Plastic & Copper	800449	F0599	Repl w/ 4680F 2P N of Rt 24	201801	16,881.75		0.00%	\$ 14,133.54	15.5	0.0022333	488.26	378.78
380200-Services - Plastic & Copper	800463	F0599	Repl w/ 2144F 2-4&8P 13 & Virginia	201801	8,326.69		0.00%	\$ 6,968.75	15.5	0.0022333	241.23	188.76
380200-Services - Plastic & Copper	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201801	53.84		na	\$ 45.06	15.5	0.0022333	1.56	1.21
380200-Services - Plastic & Copper	800474	F0572	Repl w/ 2597F 4P 1201 Schifferdecker	201801	(4,108.75)		-9.27%	\$ (3,438.68)	15.5	0.0022333	(119.04)	(92.16)
380200-Services - Plastic & Copper	800491	F0604	Repl w/ 3182F 2-4P Harris S of Shely	201801	(488.04)		-0.17%	\$ (408.45)	15.5	0.0022333	(14.14)	(10.95)
380200-Services - Plastic & Copper	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201801	(0.08)		na	\$ (0.07)	15.5	0.0022333	-	-
380200-Services - Plastic & Copper	800542	F0599	Repl w/ 4505F 2P Blue Ridge	201801	1.46		2.15%	\$ 1.22	15.5	0.0022333	0.04	0.03
380200-Services - Plastic & Copper	800549	F0599	Repl w/ 225F 2P Charlotte&Pacific&OR	201801	(389.83)		0.00%	\$ (326.26)	15.5	0.0022333	(11.29)	(8.74)
380200-Services - Plastic & Copper	800599	F0604	Repl w/ 9540F 2-4P Blackburn Phase 2	201801	0.31		2.47%	\$ 0.26	15.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800600	F0604	Repl w/ 7055F 2-4P Blackburn Phase 1	201801	0.66		0.94%	\$ 0.56	15.5	0.0022333	0.02	0.02
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201801	1.03		-2.49%	\$ 0.85	15.5	0.0022333	0.03	0.01
380200-Services - Plastic & Copper	800622	F0604	Repl w/ 5785F 2P 29th & Northern	201801	(180,940.67)		-1.27%	\$ (151,232.5)	15.5	0.0022333	(5,242.07)	(4,058.38)
380200-Services - Plastic & Copper	800728	F0604	Reloc 2621F 2P Broadway & Zora	201801	20.96		100.00%	\$ 17.44	15.5	0.0022333	0.60	0.47
380200-Services - Plastic & Copper	800758	F0604	Repl w/ 1011F 2-4P Concordia Phase A	201801	419.18		1.01%	\$ 345.46	15.5	0.0022333	11.26	8.61
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201801	644.19		0.94%	\$ 539.13	15.5	0.0022333	18.66	14.45
380200-Services - Plastic & Copper	800826	F0599	Repl 670F 2-4&6P 10th & Benton	201801	(328.20)		0.00%	\$ (274.68)	15.5	0.0022333	(8.51)	(7.36)
380200-Services - Plastic & Copper	800827	F0604	Repl w/ 2565F 2P Lee St & Main	201801	10.29		-0.57%	\$ 8.61	15.5	0.0022333	0.30	0.23
380200-Services - Plastic & Copper	800830	F0604	Repl w/ 1500F 2P Green & Payton	201801	(2,848.01)		1.02%	\$ (2,383.55)	15.5	0.0022333	(82.51)	(63.88)
380200-Services - Plastic & Copper	800864	F0604	Repl w/ 3915F 2-4&P 75th St RT 350	201801	823.30		-0.43%	\$ 689.03	15.5	0.0022333	23.85	18.47
380200-Services - Plastic & Copper	800924	F0599	Repl w/ 4402F 2-4P Elm St & Hwy K	201801	3,406.29		1.17%	\$ 2,876.76	15.5	0.0022333	98.88	76.43
380200-Services - Plastic & Copper	800932	F0604	Repl w/ 750F 2P Nipper S of Spring	201801	(731.27)		0.00%	\$ (612.01)	15.5	0.0022333	(21.19)	(16.40)
380200-Services - Plastic & Copper	800977	F0604	Repl 8065F 2P Liberty & Stone	201801	28.91		3.43%	\$ 24.20	15.5	0.0022333	0.84	0.65
380200-Services - Plastic & Copper	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201801	1,237.26		na	\$ 1,035.48	15.5	0.0022333	35.84	27.75
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201801	207.71		na	\$ 173.84	15.5	0.0022333	6.02	4.66
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6									

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201802	0.16	na	100.00%	\$ 0.13	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 18th & Roosevelt	201802	0.55	0.00%	100%	\$ 0.46	14.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201802	996.73	6.66%	93.34%	\$ 833.34	14.5	0.0022333	26.99	22.33
380200-Services - Plastic & Copper	800449	F0604	Repl w/ 830F 2P Kiger N of Rt 24	201802	(2,165.51)	0.00%	100%	\$ (1,812.35)	14.5	0.0022333	(68.69)	(48.57)
380200-Services - Plastic & Copper	800663	F0599	Reloc 2144F 2-4E-8P 13 & Virginia	201802	102.81	0.00%	100%	\$ 86.04	14.5	0.0022333	2.78	2.31
380200-Services - Plastic & Copper	800470	F0547	Reloc 2124F 6P Englewood Phase 1A	201802	(7.38)	na	100.00%	\$ (6.18)	14.5	0.0022333	(0.20)	(0.17)
380200-Services - Plastic & Copper	800475	F0572	Repl w/ 4030F 2-4P Park and Jackson	201802	(48.89)	-0.53%	100%	\$ (38.41)	14.5	0.0022333	(1.24)	(1.03)
380200-Services - Plastic & Copper	800542	F0604	Repl w/ 14507F 2-6-12P Blue Ridge	201802	0.04	2.15%	97.85%	\$ 0.03	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	800566	F0604	Repl w/ 3425F 2P 12th & Lipper	201802	(2,353.56)	0.00%	100%	\$ (1,969.73)	14.5	0.0022333	(63.79)	(52.79)
380200-Services - Plastic & Copper	800600	F0604	Repl w/ 7055F 2-4P Blackburn Phase 1	201802	92.27	0.94%	99.96%	\$ 77.22	14.5	0.0022333	2.50	2.07
380200-Services - Plastic & Copper	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201802	(24.08)	1.30%	98.70%	\$ (20.13)	14.5	0.0022333	(0.65)	(0.54)
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201802	0.02	-2.49%	100%	\$ 0.02	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201802	2,631.00	0.53%	99.47%	\$ 2,201.93	14.5	0.0022333	71.31	59.01
380200-Services - Plastic & Copper	800624	F0578	Rel w/ 3970F 2-4-6P 155th E of I-49	201802	(6,441.61)	na	100.00%	\$ (5,391.09)	14.5	0.0022333	(174.58)	(144.48)
380200-Services - Plastic & Copper	800728	F0684	Reloc 2621F 2P Broadway & Zora	201802	(0.18)	na	100.00%	\$ (0.15)	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	800758	F0604	Repl w/ 1011F 2-6P Concordia Phase A	201802	39.36	1.85%	98.15%	\$ 32.59	14.5	0.0022333	0.96	0.79
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201802	0.07	0.94%	99.98%	\$ 0.06	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	800824	F0599	Repl w/ 420F 2-4P 9th & Bales	201802	697.28	1.06%	98.94%	\$ 583.57	14.5	0.0022333	18.90	15.64
380200-Services - Plastic & Copper	800827	F0604	Repl w/ 2655F 2P Lee St & Main	201802	(526.24)	-0.57%	100%	\$ (440.42)	14.5	0.0022333	(14.26)	(11.80)
380200-Services - Plastic & Copper	800864	F0604	Repl w/ 3915F 2-4-6P 75th St RT 350	201802	694.33	-0.43%	100%	\$ 581.10	14.5	0.0022333	18.82	15.57
380200-Services - Plastic & Copper	800912	F0572	Repl w/ 1645F 2-4P 13E & Moffet	201802	60.26	0.04%	100%	\$ 50.43	14.5	0.0022333	1.63	1.35
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4-6C1 54th & Ter	201802	(34.81)	-0.00%	100%	\$ (29.13)	14.5	0.0022333	(0.94)	(0.78)
380200-Services - Plastic & Copper	800932	F0604	Repl w/ 750F 2-4P Nipper Ct of Spring	201802	(29,394.78)	0.00%	100%	\$ (24,592.59)	14.5	0.0022333	(786.39)	(659.88)
380200-Services - Plastic & Copper	800967	F0547	Reloc 7513F 2-4P Womak & 85th Ph5	201802	98,384.37	na	100.00%	\$ 80,665.68	14.5	0.0022333	2,612.22	2,181.84
380200-Services - Plastic & Copper	800977	F0604	Reloc 8065F 2P Liberty & Stone	201802	(23,602.20)	3.43%	96.57%	\$ (19,573.07)	14.5	0.0022333	(639.67)	(529.38)
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201802	(0.12)	0.00%	100%	\$ (0.10)	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201802	(2,534.35)	-3.44%	100%	\$ (2,121.04)	14.5	0.0022333	(68.69)	(56.84)
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201802	(582.33)	0.40%	99.60%	\$ (487.36)	14.5	0.0022333	(15.78)	(13.06)
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 2P Jefferson St	201802	0.01	-0.22%	100%	\$ 0.01	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	801173	F0599	Aband 340F 4C 8th & Forest AOR	201802	2,310.84	0.00%	100%	\$ 1,933.98	14.5	0.0022333	62.83	51.83
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201802	106,417.56	-0.23%	100%	\$ 89,062.62	14.5	0.0022333	2,884.14	2,386.87
380200-Services - Plastic & Copper	801191	F0684	Reloc 1130F 2-4-6-12P 20th to 22nd	201802	0.19	na	100.00%	\$ 0.16	14.5	0.0022333	0.01	-
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201802	(159.22)	-0.11%	100%	\$ (133.25)	14.5	0.0022333	(4.32)	(3.57)
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201802	0.06	0.00%	100%	\$ 0.05	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201802	(0.32)	0.48%	99.52%	\$ (0.27)	14.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801253	F0572	Repl 7271F 2-4P Oak St	201802	(1,783.44)	-0.80%	100%	\$ (1,492.59)	14.5	0.0022333	(48.33)	(40.00)
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201802	1,759.05	0.00%	100%	\$ 1,472.18	14.5	0.0022333	47.67	39.45
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201802	(26.63)	2.36%	97.64%	\$ (22.29)	14.5	0.0022333	(0.72)	(0.60)
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201802	(417.11)	2.18%	97.82%	\$ (349.09)	14.5	0.0022333	(11.30)	(9.36)
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201802	0.01	0.88%	99.92%	\$ 0.01	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	801353	F0578	Reloc 3540F 2-4-6P S School Rd	201802	(0.09)	na	100.00%	\$ (0.08)	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	801356	F0604	Repl 5802 4-6P Emerald Grid Miller 1A	201802	0.01	0.81%	99.95%	\$ 0.01	14.5	0.0022333	-	-
380200-Services - Plastic & Copper	801386	F0684	Reloc 1892F 2-4P 15th & Delaware	201802	0.40	na	100.00%	\$ 0.33	14.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	801501	F0578	Reloc 38F 2P 83rd & Ash	201802	(162.33)	na	100.00%	\$ (135.86)	14.5	0.0022333	(4.40)	(3.64)
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201802	1,221.09	5.34%	94.66%	\$ 1,021.95	14.5	0.0022333	33.09	27.39
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201802	21,332.37	0.77%	99.23%	\$ 17,852.42	14.5	0.0022333	578.15	478.47
380200-Services - Plastic & Copper	801682	F0578	Reloc 1927F 4-6P Griffith Place	201802	1,914.11	na	100.00%	\$ 1,601.95	14.5	0.0022333	51.88	42.93
380200-Services - Plastic & Copper	801641	F0578	Reloc 601F 2P 14th & 15th	201802	(289.79)	na	100.00%	\$ (250.90)	14.5	0.0022333	(8.12)	(7.02)
380200-Services - Plastic & Copper	801616	F0588	BWO SERVICE LINE LEAK RESPONSIVE	201803	25.70	Blanket	Blanket	\$ 21.51	13.5	0.0022333	0.68	0.88
380200-Services - Plastic & Copper	004152	F0608	BWO-Relpl Svc w/ PIs (North Reg)	201803	884,013.22	Blanket	Blanket	\$ 739,845.36	13.5	0.0022333	22,306.30	19,827.83
380200-Services - Plastic & Copper	004153	F0513	BWO-Relpl Svc w/ PIs (South Reg)	201803	52,602.72	Blanket	Blanket	\$ 44,024.09	13.5	0.0022333	1,327.32	1,179.84
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201803	(17.42)	Blanket	Blanket	\$ (14.58)	13.5	0.0022333	(0.44)	(0.38)
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE LINE	201803	79.21	Blanket	Blanket	\$ 66.29	13.5	0.0022333	2.00	1.79
380200-Services - Plastic & Copper	004501	F0604	BWO-Relpl Svc w/ PIs (SW Reg)	201803	7,700.33	Blanket	Blanket	\$ 6,484.59	13.5	0.0022333	194.30	172.71
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201803	411.80	Blanket	Blanket	\$ 344.64	13.5	0.0022333	10.39	9.24
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201803	457.94	Blanket	Blanket	\$ 383.26	13.5	0.0022333	11.56	10.27
380200-Services - Plastic & Copper	800309	F0599	Pickett Rd and 29th St - Main Repla	201803	(195,528.21)	0.04%	99.96%	\$ (163,640.81)	13.5	0.0022333	(4,933.76)	(4,385.57)
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201803	3.03	2.20%	97.80%	\$ 2.54	13.5	0.0022333	0.08	0.07
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201803	(1.74)	0.84%	99.16%	\$ (1.46)	13.5	0.0022333	(0.04)	(0.04)
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2118F 2-4P Belton Ph1A	201803	(3.19)	3.59%	96.41%	\$ (2.27)	13.5	0.0022333	(0.79)	(0.70)
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4650F 2-4P Pleasant Hill Ph5	201803	(0.58)	0.51%	98.49%	\$ (0.48)	13.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4650F 2P Liberty Phase F	201803	(7.28)	2.72%	97.28%	\$ (6.09)	13.5	0.0022333	(0.18)	(0.16)
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201803	(0.16)	-0.46%	100%	\$ (0.13)	13.5	0.0022333	-	-
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201803	0.47	0.11%	99.89%	\$ 0.39	13.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase I	201803	(14.12)	-0.55%	100%	\$ (11.82)	13.5	0.0022333	(0.36)	(0.32)
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201803	(7.14)	-0.61%	100%	\$ (5.98)	13.5	0.0022333	(0.18)	(0.16)
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 4653F 2-4P Belton Ph B	201803	(0.03)	0.03%	99.93%	\$ (0.03)	13.5	0.0022333	-	-
380200-Services - Plastic & Copper	800132	F0604	FY18 Strategic Grid MGE - Belton Ph	201803	(117.77)	1.31%	98.89%	\$ (98.56)	13.5	0.0022333	(2.97)	(2.64)
380200-Services - Plastic & Copper	800136	F0599	FY18 Strat Grid-St. Joe's South 1B	201803	9.29	0.00%	100%	\$ 7.77	13.5	0.0022333	0.23	0.21
380200-Services - Plastic & Copper	800142	F0599	Hwy 71 and Gregory Grid Replace PhB	201803	(56,478.22)	-0.76%	100%	\$ (46,430.64)	13.5	0.0022333	(1,399.88)	(1,244.34)

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201803	84,112.13	-0.04%	100%	\$ 70,394.84	13.5	0.0022333	2,122.40	1,886.58
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 46&C1 54th & Ter	201803	(305.60)	0.00%	100%	(255.76)	13.5	0.0022333	(7.71)	(6.85)
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201803	84,502.11	-2.52%	100%	\$ 70,721.22	13.5	0.0022333	2,132.24	1,895.33
380200-Services - Plastic & Copper	800957	F0664	Reloc 1192F 2-4P 27th-31st Phase 1	201803	9,308.36	na	100.00%	\$ 7,791.16	13.5	0.0022333	234.80	206.80
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Womall & 85th Ph5	201803	11,981.75	na	100.00%	\$ 10,027.73	13.5	0.0022333	302.34	268.74
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201803	(172,696.30)	3.43%	96.57%	(144,531.64)	13.5	0.0022333	(4,957.62)	(3,873.44)
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoux Phase 2	201803	(11.61)	0.00%	100%	\$ 9.72	13.5	0.0022333	0.29	0.26
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201803	(804.26)	-3.44%	100%	(756.79)	13.5	0.0022333	(22.82)	(20.28)
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201803	6,610.64	-0.98%	100%	\$ 5,532.55	13.5	0.0022333	166.81	148.27
380200-Services - Plastic & Copper	801156	F0599	Repl 57 4F 2P 29th and Bates	201803	(8,263.86)	0.40%	99.60%	(6,913.65)	13.5	0.0022333	(208.45)	(185.29)
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201803	(2.03)	-0.22%	100%	(1.69)	13.5	0.0022333	(0.06)	(0.05)
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-12P 59th & Woodson	201803	(353.56)	-0.23%	100%	(295.90)	13.5	0.0022333	(8.92)	(7.93)
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TXAZ 20th to 22nd	201803	358.64	na	100.00%	\$ 300.15	13.5	0.0022333	9.05	8.04
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201803	(4,723.73)	-0.11%	100%	(3,953.37)	13.5	0.0022333	(119.19)	(105.96)
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201803	392,874.86	9.12%	90.88%	328,803.50	13.5	0.0022333	9,913.41	8,811.92
380200-Services - Plastic & Copper	801223	F0604	Rapl 1420F 2P W&E Cleveland@Holden	201803	(352.24)	0.00%	100%	(294.80)	13.5	0.0022333	(8.89)	(7.90)
380200-Services - Plastic & Copper	801239	F0599	Repl 1368F 4-6P Kness & 22nd	201803	(0.47)	0.48%	99.52%	0.39	13.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	801253	F0572	Repl 727F 2P 313 S Oak St	201803	(13,165.78)	-8.80%	100%	(11,018.66)	13.5	0.0022333	(332.21)	(295.30)
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201803	1,131.82	0.00%	100%	\$ 947.24	13.5	0.0022333	28.56	25.39
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201803	(121.02)	2.36%	97.64%	(101.28)	13.5	0.0022333	(3.05)	(2.71)
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201803	(2,593.25)	2.18%	97.82%	(2,170.33)	13.5	0.0022333	(65.44)	(58.16)
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201803	(0.19)	0.08%	99.92%	(0.16)	13.5	0.0022333	-	-
380200-Services - Plastic & Copper	801356	F0599	Repl 5952 2-4P Emma Grid Millar 1A	201803	9,027.12	0.77%	99.35%	7,554.95	13.5	0.0022333	227.78	202.47
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201803	(0.17)	-0.29%	100%	(0.14)	13.5	0.0022333	-	0.67
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201803	5,325.02	0.60%	99.40%	4,456.60	13.5	0.0022333	134.37	119.44
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-4P 15th & Delaware	201803	(22.39)	na	100.00%	(18.74)	13.5	0.0022333	(0.56)	(0.50)
380200-Services - Plastic & Copper	801501	F0578	Reloc 35F 2P 63rd & Ash	201803	282.61	na	100.00%	\$ 236.52	13.5	0.0022333	7.13	6.34
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201803	(58.85)	5.34%	94.66%	(49.25)	13.5	0.0022333	(1.48)	(1.32)
380200-Services - Plastic & Copper	801626	F0599	Repl 1502F 2-4P 40th & Kensington	201803	9,027.12	0.77%	99.35%	7,554.95	13.5	0.0022333	227.78	202.47
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201803	1,951.70	0.00%	100%	\$ 1,633.41	13.5	0.0022333	49.25	43.78
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201803	988.56	na	100.00%	\$ 827.34	13.5	0.0022333	24.94	22.17
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201803	5,555.37	0.00%	100%	\$ 4,649.38	13.5	0.0022333	140.18	124.60
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201803	(41.71)	na	100.00%	(34.91)	13.5	0.0022333	(1.05)	(0.94)
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201804	21.68	Blanket	83.69%	\$ 18.14	12.5	0.0022333	(0.51)	0.48
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201804	864,734.78	Blanket	83.69%	\$ 723,710.91	12.5	0.0022333	20,037.57	19,396.42
380200-Services - Plastic & Copper	004153	F0608	BWO-Repl Svc w/ PIs (South Reg)	201804	1,068.07	Blanket	83.69%	\$ 873,026.17	12.5	0.0022333	1,145.42	1,116.12
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201804	(8.11)	Blanket	83.69%	(6.79)	12.5	0.0022333	(0.19)	(0.18)
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201804	(6.48)	Blanket	83.69%	(5.42)	12.5	0.0022333	(0.15)	(0.15)
380200-Services - Plastic & Copper	004501	F0569	BWO-Repl Svc w/ PIs (SW Reg)	201804	22,978.00	Blanket	83.69%	\$ 19,230.67	12.5	0.0022333	536.86	515.38
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201804	(2.93)	Blanket	83.69%	(2.45)	12.5	0.0022333	(0.07)	(0.07)
380200-Services - Plastic & Copper	004639	F0649	BWO MATERIAL SERV LINE REPL COMP	201804	(7.70)	Blanket	83.69%	(6.44)	12.5	0.0022333	(0.18)	(0.17)
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase 1 - Bare steel rel	201804	1.54	0.20%	97.22%	1.29	12.5	0.0022333	0.04	0.03
380200-Services - Plastic & Copper	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201804	(90.14)	-0.04%	100%	(75.44)	12.5	0.0022333	(2.11)	(2.02)
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201804	1.38	0.84%	99.16%	1.15	12.5	0.0022333	0.03	0.03
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201804	(10.41)	3.59%	96.41%	(8.71)	12.5	0.0022333	(0.24)	(0.23)
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201804	2,602.55	-1.64%	100%	\$ 2,178.12	12.5	0.0022333	60.81	58.37
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201804	16,327.28	-0.65%	100%	\$ 13,664.57	12.5	0.0022333	381.47	366.21
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4016F 2P Liberty PhE	201804	(0.20)	0.06%	99.32%	(0.24)	12.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201804	(3.74)	9.27%	97.28%	(3.13)	12.5	0.0022333	(0.09)	(0.08)
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201804	(0.09)	-0.46%	100%	(0.08)	12.5	0.0022333	-	-
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201804	(2.23)	0.11%	99.89%	(1.91)	12.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201804	(6.51)	-0.55%	100%	(5.45)	12.5	0.0022333	(0.15)	(0.15)
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201804	(2.95)	-0.61%	100%	(2.47)	12.5	0.0022333	(0.07)	(0.07)
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 6405F 2P Belton Ph 2B	201804	(0.02)	0.00%	99.98%	(0.02)	12.5	0.0022333	-	-
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201804	0.12	1.31%	98.89%	0.10	12.5	0.0022333	-	-
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201804	4.84	0.00%	100%	\$ 4.05	12.5	0.0022333	0.11	0.11
380200-Services - Plastic & Copper	800148	F0599	Repl w/ 2559F 2P Hwy 71&Gregory PhH	201804	3,400.11	0.62%	99.94%	2,845.61	12.5	0.0022333	79.44	76.26
380200-Services - Plastic & Copper	800152	F0599	N Budd Park CI Grid Repl Phase 1A	201804	3,815.93	0.60%	99.38%	3,193.62	12.5	0.0022333	89.15	85.59
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201804	22.34	2.99%	97.01%	18.70	12.5	0.0022333	0.52	0.50
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1E	201804	(8.19)	1.31%	98.89%	(6.85)	12.5	0.0022333	(0.19)	(0.19)
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201804	(0.39)	1.24%	98.24%	(0.28)	12.5	0.0022333	(0.08)	(0.07)
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201804	20.42	-3.39%	100%	17.09	12.5	0.0022333	0.48	0.46
380200-Services - Plastic & Copper	800257	F0604	Repl w/ 9327F 2&P Pleasant Hill Ph4	201804	(0.49)	4.45%	95.55%	(0.41)	12.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201804	(0.26)	1.61%	98.39%	(0.22)	12.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201804	(631.90)	2.28%	97.72%	(528.85)	12.5	0.0022333	(14.76)	(14.17)
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare St Rep	201804	(0.28)	0.67%	99.33%	(0.23)	12.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201804	(0.53)	0.33%	99.44%	(0.44)	12.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201804	(0.07)	0.02%	99.98%	(0.06)	12.5	0.0022333	-	-
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201804	(1.24)	-0.71%	100%	(1.04)	12.5	0.0022333	(0.03)	(0.03)
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201804	(3.39)	-0.08%	100%	(2.84)	12.5	0.0022333	(0.08)	

Spire Missouri West
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 ISRS Work Order Additions Oct17 - Jun18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Month	Months	Degr Mo Rate	Accum Degr	Degr Expense
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201804	(2,971.83)	9.12%	90.88%	\$ (2,487.17)	12.5	0.0022333	(69.43)	(66.86)
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland/Holden	201804	(1,821.53)	0.00%	100%	\$ (1,524.47)	12.5	0.0022333	(42.56)	(40.86)
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201804	0.63	0.48%	99.52%	\$ 0.53	12.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201804	355.51	0.00%	100%	\$ 295.86	12.5	0.0022333	8.26	7.93
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201804	(42.32)	0.00%	100%	\$ (35.42)	12.5	0.0022333	(0.99)	(0.95)
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201804	(64.84)	2.36%	97.64%	\$ (54.27)	12.5	0.0022333	(1.51)	(1.45)
380200-Services - Plastic & Copper	801299	F0604	Repl 6945F 2P 32nd St & Shady Bend	201804	(278.77)	2.18%	97.82%	\$ (260.92)	12.5	0.0022333	(17.03)	(16.26)
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201804	58,953.19	-1.57%	100%	\$ 49,338.90	12.5	0.0022333	1,377.38	1,322.28
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201804	(0.10)	0.08%	99.92%	\$ (0.08)	12.5	0.0022333	-	-
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4P S School Rd	201804	(6.49)	na	100.00%	\$ (5.43)	12.5	0.0022333	(0.15)	-
380200-Services - Plastic & Copper	801356	F0604	Repl 5952 2-4P Emma Grid Miller 1A	201804	10,942.47	0.65%	99.35%	\$ 9,157.94	12.5	0.0022333	255.66	245.43
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201804	(17.32)	-0.29%	100%	\$ (14.50)	12.5	0.0022333	(0.40)	(0.39)
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201804	1.49	0.60%	99.40%	\$ 1.25	12.5	0.0022333	0.03	0.03
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201804	4,952.70	1.21%	98.79%	\$ 4,145.00	12.5	0.0022333	115.71	111.69
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201804	5,871.16	-0.51%	100%	\$ 4,913.67	12.5	0.0022333	137.17	131.09
380200-Services - Plastic & Copper	801398	F0604	Reloc 1820F 2-4P 15th & Delaware	201804	(11.31)	na	100.00%	\$ (9.47)	12.5	0.0022333	(0.26)	(0.25)
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P Hwy 23rd to 27th	201804	32,119.23	-4.25%	100%	\$ 25,610.54	12.5	0.0022333	72.88	69.96
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201804	5,461.58	-0.71%	100%	\$ 4,570.97	12.5	0.0022333	127.61	122.50
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201804	(89.00)	5.34%	94.66%	\$ (74.49)	12.5	0.0022333	(2.08)	(2.00)
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201804	(541.99)	0.77%	99.23%	\$ (453.60)	12.5	0.0022333	(12.66)	(12.16)
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201804	(5.17)	0.00%	100%	\$ (4.33)	12.5	0.0022333	(0.12)	(0.12)
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 2P Hwy 71 & Griffith Plaza	201804	(96.77)	na	100.00%	\$ (80.90)	12.5	0.0022333	(2.26)	(2.17)
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Gilliam Rd	201805	28,004.86	-0.58%	100%	\$ 23,437.73	12.5	0.0022333	654.30	628.13
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler/71 MODOT	201804	3,479.80	na	100.00%	\$ 2,911.30	12.5	0.0022333	81.30	78.05
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201804	0,959.66	-0.51%	100%	\$ 8,335.41	12.5	0.0022333	237.40	223.39
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201804	208.98	0.00%	100%	\$ 174.90	12.5	0.0022333	4.88	4.69
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201804	(13.26)	na	100%	\$ (11.10)	12.5	0.0022333	(0.31)	(0.30)
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201805	(4.57)	Blanket	83.69%	\$ (3.82)	11.5	0.0022333	(0.10)	(0.10)
380200-Services - Plastic & Copper	004098	F0649	BWO MATERIAL 222 RENE REPL COMP	201805	(2.43)	Blanket	83.69%	\$ (2.03)	11.5	0.0022333	(0.05)	(0.05)
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201805	(2.38)	Blanket	83.69%	\$ (1.99)	11.5	0.0022333	(0.05)	(0.05)
380200-Services - Plastic & Copper	004601	F0991	BWO SERVICE LINE REPL MODIFIED BLOC	201805	517.53	Blanket	83.69%	\$ 433.13	11.5	0.0022333	11.12	11.61
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201805	966.53	Blanket	83.69%	\$ 808.91	11.5	0.0022333	20.78	21.68
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201805	55,277.86	Blanket	83.69%	\$ 46,262.96	11.5	0.0022333	1,188.19	1,239.85
380200-Services - Plastic & Copper	004501	F0569	BWO-Repl Svc w/ PIs (SW Reg)	201805	55,260.27	Blanket	83.69%	\$ 47,085.16	11.5	0.0022333	1,209.30	1,261.88
380200-Services - Plastic & Copper	004152	F0508	BWO-Repl Svc w/ PIs (North Reg)	201805	896,174.57	Blanket	83.69%	\$ 751,697.23	11.5	0.0022333	19,306.06	20,145.46
380200-Services - Plastic & Copper	800440	F0599	Repl 309F 2-4P East Iron Ph2	201805	(15,784.54)	-0.38%	100%	\$ (13,193.57)	11.5	0.0022333	(398.50)	(383.60)
380200-Services - Plastic & Copper	800157	F0599	N Buid Park CI Grid Repl Phase 1F	201805	(10,166.72)	-1.20%	98.80%	\$ (8,508.70)	11.5	0.0022333	(218.53)	(228.03)
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201805	(6,595.92)	5.34%	94.66%	\$ (5,520.24)	11.5	0.0022333	(141.78)	(141.94)
380200-Services - Plastic & Copper	800441	F0599	KC-39th & State Line Cast Iron PhA	201805	(5,302.88)	-0.08%	100%	\$ (4,438.07)	11.5	0.0022333	(113.98)	(118.94)
380200-Services - Plastic & Copper	800159	F0599	N Buid Park CI Grid Repl Phase 1H	201805	(4,660.16)	-0.21%	100%	\$ (3,900.17)	11.5	0.0022333	(100.17)	(104.52)
380200-Services - Plastic & Copper	800155	F0599	N Buid Park CI Grid Repl Phase 1D	201805	(175.94)	2.29%	97.01%	\$ (147.25)	11.5	0.0022333	(3.78)	(3.95)
380200-Services - Plastic & Copper	800156	F0599	N Buid Park CI Grid Repl Phase 1E	201805	(32.83)	0.00%	100%	\$ (27.45)	11.5	0.0022333	(0.71)	(0.74)
380200-Services - Plastic & Copper	800153	F0599	N Buid Park CI Grid Repl Phase 1B	201805	(8.39)	1.30%	98.70%	\$ (7.02)	11.5	0.0022333	(0.18)	(0.19)
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201805	(3.07)	0.00%	100%	\$ (2.57)	11.5	0.0022333	(0.07)	(0.07)
380200-Services - Plastic & Copper	800158	F0599	N Buid Park CI Repl Phase 1G IUI	201805	(2.39)	1.31%	98.69%	\$ (2.00)	11.5	0.0022333	(0.05)	(0.05)
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201805	(0.08)	0.40%	99.60%	\$ (0.07)	11.5	0.0022333	-	-
380200-Services - Plastic & Copper	800148	F0599	Repl w 3259F 2-4P Hwy 71 & Gregory PHH	201805	0.03	0.62%	99.38%	\$ 0.03	11.5	0.0022333	-	-
380200-Services - Plastic & Copper	801297	F0599	Repl 380F 2-4P 40th and Gilliam Rd	201805	1,118.38	0.00%	100%	\$ 936.80	11.5	0.0022333	24.08	24.05
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-6P Walnut/Noland/Chan	201805	8,879.69	0.17%	99.98%	\$ 7,577.73	11.5	0.0022333	147.88	154.31
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-12P Dunn Park Ph1D	201805	11,948.39	0.00%	100%	\$ 9,999.81	11.5	0.0022333	256.83	267.99
380200-Services - Plastic & Copper	800439	F0599	KC-39th & State Line Cast Iron PhB	201805	23,787.81	-0.28%	100%	\$ 19,891.68	11.5	0.0022333	510.88	533.10
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201805	26,826.73	0.00%	100%	\$ 22,450.90	11.5	0.0022333	576.61	601.68
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Buid Park Header	201805	40,338.05	0.00%	100%	\$ 33,759.58	11.5	0.0022333	867.06	904.78
380200-Services - Plastic & Copper	800149	F0599	Repl w 4394F 2-4P Hwy 71 & Gregory PHH	201805	42,894.09	0.12%	98.89%	\$ 35,890.41	11.5	0.0022333	961.78	999.86
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201805	49,365.14	-0.11%	100%	\$ 41,314.51	11.5	0.0022333	1,061.09	1,107.23
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201805	63,855.74	2.59%	97.41%	\$ 53,441.93	11.5	0.0022333	1,372.56	1,432.24
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Buid Park Phase 2A	201805	94,460.17	-0.69%	100%	\$ 79,055.29	11.5	0.0022333	2,030.40	2,118.68
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201805	118,713.35	-0.36%	100%	\$ 99,353.18	11.5	0.0022333	2,851.72	2,662.66
380200-Services - Plastic & Copper	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201805	123,497.38	-0.01%	100%	\$ 103,356.99	11.5	0.0022333	2,654.55	2,769.96
380200-Services - Plastic & Copper	800147	F0599	Repl w 8372F 2-4-6P Hwy 71 & Gregory PHG	201805	125,297.46	0.05%	99.95%	\$ 104,863.53	11.5	0.0022333	2,693.24	2,810.34
380200-Services - Plastic & Copper	800150	F0599	Repl w 1819F 2-4P Dunn Park Hwy 71	201805	135,902.21	0.00%	100%	\$ 113,798.82	11.5	0.0022333	2,912.19	3,048.62
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201805	140,470.94	1.47%	98.53%	\$ 117,562.46	11.5	0.0022333	3,019.39	3,150.67
380200-Services - Plastic & Copper	800159	F0599	Repl 6360F 2-4P Dunn Park W of 71 E	201805	155,549.15	-0.59%	100%	\$ 130,181.67	11.5	0.0022333	3,343.49	3,488.86
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201805	158,699.34	0.63%	99.37%	\$ 132,818.12	11.5	0.0022333	3,411.21	3,559.52
380200-Services - Plastic & Copper	800496	F0599	Repl w 7750F 2-4P 63rd & 55th St	201805	177,800.41	0.67%	99.33%	\$ 148,804.12	11.5	0.0022333	3,821.78	3,987.94
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201805	196,234.60	5.41%	94.59%	\$ 164,232.00	11.5	0.0022333	4,218.02	4,401.41
380200-Services - Plastic & Copper	800109	F0599	Repl w 6540F 2-4P 63rd & 55th -1C	201805	215,691.99	0.07%	99.98%	\$ 184,641.63	11.5	0.0022333	4,624.25	4,838.83
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase									

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Jun18
 Appendix B - Schedule 1

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201805	18.54	0.60%	99.40%	\$ 15.52	11.5	0.0022333	0.40	0.42
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201805	25.78	0.00%	100%	\$ 21.58	11.5	0.0022333	0.55	0.58
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-4P St Joe's Ph2E	201805	36.99	-0.46%	100%	\$ 30.96	11.5	0.0022333	0.80	0.83
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P Vusd 20th to 27th	201805	40.47	-0.45%	100%	\$ 33.87	11.5	0.0022333	0.87	0.91
380200-Services - Plastic & Copper	801377	F0604	Repl 8980F 2-4P Waverly MO Phase 2	201805	43.08	1.21%	98.3%	\$ 36.05	11.5	0.0022333	0.93	0.97
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201805	43.66	6.66%	93.94%	\$ 36.54	11.5	0.0022333	0.94	0.98
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 6463F 2-4P Belton Ph 2B	201805	49.91	0.05%	99.95%	\$ 47.77	11.5	0.0022333	1.07	1.12
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201805	86.99	0.37%	99.83%	\$ 81.20	11.5	0.0022333	1.87	1.95
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2-4P Kiger N of Rt 24	201805	113.21	0.00%	100%	\$ 94.75	11.5	0.0022333	2.43	2.54
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201805	117.95	-0.51%	100%	\$ 96.71	11.5	0.0022333	2.54	2.65
380200-Services - Plastic & Copper	800269	F0604	Repl 2470F 2P Glenholton Phase H	201805	122.15	0.80%	99.20%	\$ 102.23	11.5	0.0022333	2.63	2.74
380200-Services - Plastic & Copper	801371	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201805	200.80	-0.58%	100%	\$ 168.05	11.5	0.0022333	4.32	4.50
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201805	263.20	-0.80%	100%	\$ 220.28	11.5	0.0022333	5.66	5.90
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201805	301.25	-0.65%	100%	\$ 252.12	11.5	0.0022333	6.48	6.77
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201805	301.93	-0.71%	100%	\$ 252.69	11.5	0.0022333	6.49	6.76
380200-Services - Plastic & Copper	800280	F0572	Repl w 2352F 2-4P Webb City Ph2E	201805	386.30	-0.48%	100%	\$ 323.30	11.5	0.0022333	8.30	8.66
380200-Services - Plastic & Copper	801220	F0604	Repl 1195F 2-4P Shady & E33rd Ter	201805	428.18	9.12%	90.88%	\$ 399.12	11.5	0.0022333	17.80	18.58
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 29th	201805	860.45	-2.52%	100%	\$ 720.12	11.5	0.0022333	18.90	19.30
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201805	1,764.42	3.01%	96.99%	\$ 1,476.67	11.5	0.0022333	37.93	39.57
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201805	1,843.06	-0.29%	100%	\$ 1,542.49	11.5	0.0022333	39.62	41.34
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 2	201805	1,928.56	3.50%	96.50%	\$ 1,614.04	11.5	0.0022333	41.45	43.26
380200-Services - Plastic & Copper	800756	F0599	Repl w 1352F 2P Grandview & 115th	201805	3,200.71	0.65%	99.35%	\$ 2,678.73	11.5	0.0022333	68.80	71.79
380200-Services - Plastic & Copper	800599	F0604	Repl w 6540F 2-4P Blackblum Phase 2	201805	3,645.88	2.47%	97.53%	\$ 3,051.28	11.5	0.0022333	78.37	81.77
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph2A	201805	3,701.01	-0.69%	100%	\$ 3,097.44	11.5	0.0022333	79.55	83.01
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201805	4,040.50	6.00%	94.00%	\$ 3,381.56	11.5	0.0022333	86.85	90.63
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201805	4,816.23	0.00%	100%	\$ 4,030.78	11.5	0.0022333	103.52	108.02
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201805	4,831.34	-1.57%	100%	\$ 4,043.43	11.5	0.0022333	103.85	108.36
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201805	6,286.16	3.52%	96.48%	\$ 5,260.15	11.5	0.0022333	135.10	140.97
380200-Services - Plastic & Copper	801112	F0599	Repl 1450F 2-4P Walnut St Ter151 St	201805	6,533.03	1.04%	98.98%	\$ 5,467.73	11.5	0.0022333	140.43	146.53
380200-Services - Plastic & Copper	800291	F0604	Repl w 2119F 2-4P Belton Ph1A	201805	7,197.72	3.59%	98.41%	\$ 6,023.89	11.5	0.0022333	154.71	161.44
380200-Services - Plastic & Copper	801975	F0604	Repl 2121F 2-4P Harris Ave & Truman	201805	7,530.87	-0.60%	100%	\$ 6,302.71	11.5	0.0022333	161.87	168.91
380200-Services - Plastic & Copper	800073	F0604	Tipton Grid Phase F - Bare steel re	201805	8,205.27	0.53%	99.47%	\$ 6,867.13	11.5	0.0022333	176.37	184.04
380200-Services - Plastic & Copper	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201805	8,709.33	0.80%	99.20%	\$ 7,288.98	11.5	0.0022333	187.21	195.34
380200-Services - Plastic & Copper	800578	F0572	Repl w 2920F 2-4P Neosho C-0002	201805	9,127.30	2.61%	97.39%	\$ 7,638.79	11.5	0.0022333	196.19	204.72
380200-Services - Plastic & Copper	800275	F0604	Repl w 8048F 2-4P Carrollton Ph B	201805	11,101.32	1.94%	98.06%	\$ 9,290.88	11.5	0.0022333	238.82	249.00
380200-Services - Plastic & Copper	800072	F0604	Repl 5282F 2-4P Waverly Phase 1 L	201805	11,247.17	-0.40%	100%	\$ 9,412.94	11.5	0.0022333	241.76	252.77
380200-Services - Plastic & Copper	800340	F0599	Repl w 6484F 2P St. Joe's Ph2D	201805	11,563.55	-0.21%	100%	\$ 9,677.73	11.5	0.0022333	248.56	259.36
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201805	16,841.04	0.51%	99.49%	\$ 14,094.55	11.5	0.0022333	361.99	377.73
380200-Services - Plastic & Copper	800697	F0604	Repl w 8860F 2-4P Alma Phase 1	201805	20,645.82	5.36%	91.27%	\$ 17,278.83	11.5	0.0022333	443.78	463.07
380200-Services - Plastic & Copper	800274	F0604	Repl w 7005F 2-4P Carrollton Ph A	201805	27,488.68	-0.08%	100%	\$ 23,005.73	11.5	0.0022333	590.86	616.55
380200-Services - Plastic & Copper	800559	F0604	Repl w 8906F 2P Pleasant Hill Ph6	201805	29,991.68	2.28%	97.72%	\$ 26,181.37	11.5	0.0022333	645.99	686.70
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201805	41,647.69	1.49%	98.51%	\$ 39,873.31	11.5	0.0022333	924.18	968.71
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201805	53,374.37	-0.12%	100%	\$ 44,669.90	11.5	0.0022333	1,147.27	1,197.15
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201805	78,769.30	0.21%	99.79%	\$ 65,923.34	11.5	0.0022333	1,693.13	1,766.74
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201805	106,974.57	-0.18%	100%	\$ 89,528.80	11.5	0.0022333	2,299.39	2,399.37
380200-Services - Plastic & Copper	800497	F0599	Repl w 10087F 2P E3rd & 50th St 1B	201805	240,737.71	0.00%	100%	\$ 201,477.39	11.5	0.0022333	5,174.60	5,399.59
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2230F 2P 22nd&23rd St-Wabash	201805	(7.82)	na	100.00%	\$ (6.54)	11.5	0.0022333	(0.17)	(0.18)
380200-Services - Plastic & Copper	801487	F0604	Repl 9265F 2-4P Wabash & Main St	201805	(0.30)	-0.23%	100%	\$ (0.25)	11.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801219	F0604	Repl 5908F 2-4P 39th & S Main St	201805	5.47	-0.11%	100%	\$ 4.58	11.5	0.0022333	0.12	0.12
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201805	284.24	2.18%	97.82%	\$ 237.89	11.5	0.0022333	6.11	6.38
380200-Services - Plastic & Copper	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201805	15,608.52	-0.10%	100%	\$ 13,063.03	11.5	0.0022333	335.50	360.09
380200-Services - Plastic & Copper	800777	F0604	Repl 8085F 2P Liberty & Stone	201805	(0.81)	3.43%	96.57%	\$ (0.68)	11.5	0.0022333	(0.02)	(0.02)
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201805	1,839.59	4.59%	95.41%	\$ 1,539.58	11.5	0.0022333	39.54	41.26
380200-Services - Plastic & Copper	801648	F0604	Repl 7146F 2-4P Norborne Ph2 Miller	201805	4,272.68	0.23%	96.96%	\$ 3,566.67	11.5	0.0022333	101.62	106.04
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201805	51,414.63	2.30%	97.70%	\$ 43,029.76	11.5	0.0022333	1,105.15	1,153.20
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201805	(198.77)	0.00%	100%	\$ (166.35)	11.5	0.0022333	(4.27)	(4.46)
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201805	(83.57)	0.00%	100%	\$ (69.94)	11.5	0.0022333	(1.80)	(1.87)
380200-Services - Plastic & Copper	801289	F0599	Repl 300F 4P Independence/Chestnut	201805	(3.19)	0.00%	100%	\$ (2.67)	11.5	0.0022333	(0.07)	(0.07)
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201805	(0.13)	0.48%	99.52%	\$ (0.11)	11.5	0.0022333	-	-
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201805	(0.04)	-0.98%	100%	\$ (0.04)	11.5	0.0022333	-	-
380200-Services - Plastic & Copper	801844	F0599	Repl 7005F 2-4P Baltimore	201805	6,501.12	2.73%	99.50%	\$ 5,516.29	11.5	0.0022333	141.67	147.83
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201805	14,120.73	-2.13%	100%	\$ 11,817.87	11.5	0.0022333	305.32	316.72
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201805	40,962.29	4.31%	95.69%	\$ 34,282.02	11.5	0.0022333	880.48	916.76
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201805	(37,692.55)	na	100.00%	\$ (31,545.52)	11.5	0.0022333	(810.19)	(845.42)
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Womall & 85th Ph5	201805	(240.44)	na	100.00%	\$ (201.23)	11.5	0.0022333	(5.17)	(5.39)
380200-Services - Plastic & Copper	801136	F0604	Reloc 1107F 4P 27th - 22nd Phase 2	201805	(83.75)	na	100.00%	\$ (70.26)	11.5	0.0022333	(1.90)	(1.98)
380200-Services - Plastic & Copper	800386	F0547	Reloc 8136F 2P Marlborough Ph5	201805	(69.88)	na	100.00%	\$ (57.21)	11.5	0.0022333	(1.39)	(1.44)
380200-Services - Plastic & Copper	800470	F0547	Reloc 112									

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 ISRS Work Order Additions Oct17 - Jun18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Degr Mo Rate	Accum Degr	Degr Expense
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201806	(78.65)	0.77%	99.23%	\$ (65.82)	10.5	0.0022333	(1.54)	(1.76)
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201806	(75.45)	-2.13%	100%	(63.15)	10.5	0.0022333	(1.48)	(1.69)
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 466CI 54th & Ter	201806	(63.27)	0.00%	100%	(52.95)	10.5	0.0022333	(1.24)	(1.42)
380200-Services - Plastic & Copper	800359	F0604	Repl w/ 8605F 2P Pleasant Hill Ph	201806	(58.71)	2.28%	97.72%	(49.14)	10.5	0.0022333	(1.15)	(1.33)
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4704F 2-4P St. Joe's Ph2E	201806	(55.68)	-0.46%	100%	(46.60)	10.5	0.0022333	(1.09)	(1.25)
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201806	(54.97)	3.59%	96.41%	(46.01)	10.5	0.0022333	(1.08)	(1.23)
380200-Services - Plastic & Copper	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201806	(50.93)	na	100.00%	(42.62)	10.5	0.0022333	(1.00)	(1.14)
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 2-4P Griffith Place	201806	(48.98)	na	100.00%	(40.99)	10.5	0.0022333	(0.96)	(1.10)
380200-Services - Plastic & Copper	800148	F0599	Repl w/ 3259F 2P Hwy 71 & Gregory PhH	201806	(44.27)	0.62%	99.38%	(37.05)	10.5	0.0022333	(0.87)	(0.99)
380200-Services - Plastic & Copper	801981	F0664	Reloc 1240F 2-4P Highway & Florida	201806	(41.93)	na	100.00%	(35.09)	10.5	0.0022333	(0.82)	(0.94)
380200-Services - Plastic & Copper	800720	F0599	Repl w/ 4138F 2-4P Hwy 71 Gregory-M	201806	(41.78)	-0.10%	100%	(34.94)	10.5	0.0022333	(0.82)	(0.94)
380200-Services - Plastic & Copper	800599	F0604	Repl w/ 9540F 2-4P Blackburn Phase 2	201806	(24.80)	2.47%	97.53%	(20.76)	10.5	0.0022333	(0.49)	(0.56)
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201806	(21.44)	2.73%	97.27%	(17.94)	10.5	0.0022333	(0.42)	(0.48)
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 2P Header Dunn Park#1	201806	(20.31)	0.00%	100%	(17.00)	10.5	0.0022333	(0.40)	(0.46)
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201806	(18.98)	5.34%	94.66%	(15.88)	10.5	0.0022333	(0.37)	(0.43)
380200-Services - Plastic & Copper	800558	F0599	Repl 1820F 2P Liberty Grid Phase L	201806	(18.24)	6.00%	94.00%	(15.27)	10.5	0.0022333	(0.36)	(0.41)
380200-Services - Plastic & Copper	800149	F0599	Repl w/ 4511F 2-4P Hwy 71 & Gregory J	201806	(17.74)	1.32%	99.98%	(14.85)	10.5	0.0022333	(0.35)	(0.40)
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201806	(17.48)	6.20%	93.80%	(14.63)	10.5	0.0022333	(0.34)	(0.39)
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201806	(14.72)	-0.21%	100%	(12.32)	10.5	0.0022333	(0.29)	(0.33)
380200-Services - Plastic & Copper	801119	F0572	Repl 2784F 2P 34th and Pearl	201806	(13.05)	-3.44%	100%	(10.23)	10.5	0.0022333	(0.26)	(0.29)
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201806	(11.30)	-0.11%	100%	(9.46)	10.5	0.0022333	(0.23)	(0.25)
380200-Services - Plastic & Copper	800284	F0604	Repl w/ 1188F 2-4P Carollton Phs G	201806	(8.52)	-0.14%	100%	(7.16)	10.5	0.0022333	(0.19)	(0.21)
380200-Services - Plastic & Copper	801086	F0664	Reloc 1592F 2-4P 16th & Delaware	201806	(6.23)	na	100.00%	(5.25)	10.5	0.0022333	(0.12)	(0.14)
380200-Services - Plastic & Copper	004069	F0649	BWO MATERIAL SERV LINE REPL COMP	201806	(4.49)	Blanket	83.69%	(3.76)	10.5	0.0022333	(0.09)	(0.10)
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TXAZ 20th to 22nd	201806	(3.97)	na	100.00%	(3.32)	10.5	0.0022333	(0.08)	(0.09)
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201806	(3.81)	Blanket	83.69%	(3.19)	10.5	0.0022333	(0.07)	(0.08)
380200-Services - Plastic & Copper	800282	F0572	Repl w/ 3838F 2-4P Webb City Ph 2G	201806	(3.73)	0.80%	99.20%	(3.12)	10.5	0.0022333	(0.07)	(0.08)
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201806	(3.02)	0.00%	100%	(2.53)	10.5	0.0022333	(0.06)	(0.07)
380200-Services - Plastic & Copper	801743	F0664	Reloc 2705F 2-4P W 23rd & S McCoy Ave	201806	(2.38)	na	100.00%	(1.99)	10.5	0.0022333	(0.05)	(0.06)
380200-Services - Plastic & Copper	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201806	(2.25)	na	100.00%	(1.88)	10.5	0.0022333	(0.04)	(0.05)
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4505F 2P Liberty Phase F	201806	(2.06)	2.72%	97.28%	(1.72)	10.5	0.0022333	(0.04)	(0.05)
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201806	(1.83)	-0.55%	100%	(1.53)	10.5	0.0022333	(0.04)	(0.04)
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201806	(1.71)	-0.12%	100%	(1.43)	10.5	0.0022333	(0.03)	(0.04)
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line East Iron PhC	201806	(1.22)	0.38%	99.62%	(1.02)	10.5	0.0022333	(0.02)	(0.03)
380200-Services - Plastic & Copper	800383	F0647	Target Marlborough East Ph 2 Reloc	201806	(0.98)	na	100.00%	(0.79)	10.5	0.0022333	(0.02)	(0.02)
380200-Services - Plastic & Copper	800156	F0604	Repl 5952 F 2-4P Emma Grid Millar 1A	201806	(0.89)	0.65%	99.00%	(0.71)	10.5	0.0022333	(0.02)	(0.02)
380200-Services - Plastic & Copper	800600	F0604	Repl w/ 7055F 2-4P Blackburn Phase 1	201806	(0.77)	0.94%	99.06%	(0.64)	10.5	0.0022333	(0.02)	(0.02)
380200-Services - Plastic & Copper	800912	F0572	Repl w/ 1645F 2-4P 135 E & Moffet	201806	(0.65)	-0.04%	100%	(0.54)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201806	(0.63)	-0.22%	100%	(0.53)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carollton PhA	201806	(0.58)	-0.08%	100%	(0.49)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800542	F0604	Repl w/ 1450F 2-4P 12P Blue Ridge	201806	(0.55)	2.15%	97.85%	(0.46)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800816	F0604	Repl w/ 2400F 2-4P Liberty Ph2	201806	(0.40)	na	100.00%	(0.33)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201806	(0.35)	0.00%	100%	(0.29)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800827	F0604	Repl w/ 2565F 2P Lee St & Main	201806	(0.27)	-0.57%	100%	(0.23)	10.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201806	(0.14)	1.61%	98.39%	(0.12)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201806	(0.14)	0.68%	99.32%	(0.12)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800281	F0572	Repl w/ 3357F 2-4P WebbCity Phase 2F	201806	(0.14)	-0.80%	100%	(0.12)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 3357F 2-4P Webb City Ph2E	201806	(0.13)	-0.80%	100%	(0.10)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800293	F0572	Repl w/ 1375F 2P Webb City Ph2B	201806	(0.10)	0.00%	100%	(0.08)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201806	(0.10)	0.67%	99.33%	(0.08)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800899	F0599	Repl w/ 175F 2P 2722 Raytown RdAOR	201806	(0.09)	0.00%	100%	(0.08)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201806	(0.09)	-0.29%	100%	(0.08)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800491	F0604	Repl w/ 3182F 2-4P Harris S of Shely	201806	(0.07)	-0.17%	100%	(0.06)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	801015	F0604	Repl 1102F 2P Francis and Jewell	201806	(0.06)	0.00%	99.32%	(0.05)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201806	(0.05)	0.00%	100%	(0.04)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201806	(0.05)	-0.46%	100%	(0.04)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800254	F0572	Repl w/ 6503F 2P Webb City Ph2C	201806	(0.02)	0.02%	99.98%	(0.02)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	801057	F0572	Repl w/ 8235F 2-4P Neosho C-001	201806	(0.02)	2.48%	97.52%	(0.02)	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201806	0.01	1.31%	98.69%	0.01	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Manville PhA	201806	0.07	-0.14%	100%	0.06	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800149	F0572	Repl 4180F 2-4P 6th & Meadow	201806	0.07	0.07%	99.00%	0.06	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201806	0.13	0.11%	99.89%	0.11	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201806	0.16	na	100.00%	0.13	10.5	0.0022333	-	-
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201806	0.35	0.48%	99.52%	0.29	10.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800597	F0604	Repl w/ 8866F 2-4P Alma Phase 1	201806	0.36	5.36%	94.64%	0.30	10.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201806	0.39	0.84%	99.16%	0.33	10.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800077	F0604	Repl 8265F 2-4P Liberty & Stone	201806	0.11	4.33%	95.52%	0.09	10.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201806	0.85	2.20%	97.80%	0.71	10.5	0.0022333	0.02	0.02
380200-Services - Plastic & Copper	800338	F0599	Repl w/ 4888F 2-8P St. Joe Grid Ph 2C	201806	1.45	-0.41%	100%	1.21	10.5	0.0022333	0.03	0.03
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201806	2.69	0.00%	100%	2.25	10.5	0.0022333	0.05	0.06
380200-Services - Plastic & Copper	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Ph3	201806	3.66	0.21%	99.79%	3.06	10.5	0.0022333	0.07	0.08
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2330F 2-4P 22nd&23rd St-Wabash	201806	7.21	na	100.00%	6.03	10.5	0.0022333	0.14	0

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	Project Analysis Result	Adjustment	Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy14	201806	5,297.81	na	100.00%	\$ 4,433.83	10.5	0.0022333	103.97	118.83
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201806	7,098.05	6.66%	93.34%	\$ 5,940.48	10.5	0.0022333	139.30	159.20
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-4P St Joe South - 2F	201806	7,305.78	1.32%	98.68%	\$ 6,114.33	10.5	0.0022333	143.38	163.86
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elinor & Hwy K	201806	8,227.61	2.36%	97.64%	\$ 6,885.82	10.5	0.0022333	161.47	184.54
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Tap/51 St	201806	8,458.21	1.04%	98.96%	\$ 7,078.82	10.5	0.0022333	166.00	189.71
380200-Services - Plastic & Copper	800147	F0599	Repl w/ 6372F 2-6P 71 & Gregory PhG	201806	8,839.24	0.05%	99.95%	\$ 7,397.71	10.5	0.0022333	173.48	198.26
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201806	9,060.15	0.00%	100%	\$ 7,582.59	10.5	0.0022333	177.81	203.21
380200-Services - Plastic & Copper	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201806	10,117.76	1.11%	98.89%	\$ 8,467.72	10.5	0.0022333	198.57	226.93
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201806	12,085.57	0.00%	100%	\$ 10,114.61	10.5	0.0022333	237.19	271.07
380200-Services - Plastic & Copper	800758	F0604	Repl w/ 1011F 2-6P Concordia Phase A	201806	13,167.04	1.85%	98.15%	\$ 11,019.71	10.5	0.0022333	258.41	295.33
380200-Services - Plastic & Copper	800276	F0604	Repl w/ 5332 2p Carrollton Phase C	201806	13,198.27	-0.58%	100%	\$ 11,045.85	10.5	0.0022333	259.02	296.03
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201806	13,333.22	0.57%	99.43%	\$ 11,158.79	10.5	0.0022333	261.67	299.06
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201806	14,993.27	-1.78%	100%	\$ 12,548.12	10.5	0.0022333	294.25	336.29
380200-Services - Plastic & Copper	800921	F0599	Repl 1448F 2-4P Benton & 55th	201806	15,282.00	1.80%	98.20%	\$ 12,789.76	10.5	0.0022333	299.92	342.77
380200-Services - Plastic & Copper	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201806	15,792.58	0.78%	99.22%	\$ 13,217.07	10.5	0.0022333	309.94	354.22
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Wornall & 85th	201806	17,950.52	3.03%	96.97%	\$ 15,022.09	10.5	0.0022333	352.29	402.62
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201806	18,958.30	-0.94%	100%	\$ 15,866.52	10.5	0.0022333	372.07	425.22
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201806	20,076.93	-0.20%	100%	\$ 16,802.72	10.5	0.0022333	394.02	450.31
380200-Services - Plastic & Copper	800667	F0599	Repl w/ 3574F 2-4P Marlborough Ph 4	201806	22,747.87	-8.35%	100%	\$ 19,038.07	10.5	0.0022333	446.44	510.22
380200-Services - Plastic & Copper	800278	F0604	Repl w/ 5716F 2P Carrollton Phase E	201806	23,864.61	0.94%	99.06%	\$ 19,972.69	10.5	0.0022333	468.36	535.27
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201806	24,291.58	0.80%	99.20%	\$ 20,330.03	10.5	0.0022333	476.74	544.84
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201806	26,358.28	0.14%	99.86%	\$ 22,059.68	10.5	0.0022333	517.30	591.20
380200-Services - Plastic & Copper	800286	F0604	Repl w/ 12516F 2-4P Carrollton Ph I	201806	26,785.67	0.14%	99.86%	\$ 22,400.63	10.5	0.0022333	525.29	600.34
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 6483F 2-4P Belton Ph 2B	201806	27,585.23	0.05%	99.95%	\$ 23,086.54	10.5	0.0022333	541.38	618.72
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201806	30,911.15	0.00%	100%	\$ 25,870.06	10.5	0.0022333	606.65	693.32
380200-Services - Plastic & Copper	800127	F0604	FY16 Strategic Grid MGE-Belton Ph2A	201806	35,293.96	0.06%	99.94%	\$ 29,538.10	10.5	0.0022333	692.67	791.62
380200-Services - Plastic & Copper	004501	F0659	BWO-Rep1 Svc w/ PIs (SW Reg)	201806	35,972.96	Blanket		\$ 30,106.37	10.5	0.0022333	705.99	806.85
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201806	39,303.48	na	100.00%	\$ 32,893.74	10.5	0.0022333	771.36	891.55
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201806	42,774.84	Blanket		\$ 35,798.97	10.5	0.0022333	839.48	959.41
380200-Services - Plastic & Copper	800279	F0604	Repl w/ 9035F 2P Carrollton Phase F	201806	50,205.80	1.48%	98.52%	\$ 42,018.07	10.5	0.0022333	985.32	1,128.08
380200-Services - Plastic & Copper	800960	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201806	50,995.44	-0.53%	100%	\$ 42,678.93	10.5	0.0022333	1,000.82	1,143.79
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201806	67,300.80	1.30%	98.70%	\$ 56,325.16	10.5	0.0022333	1,320.82	1,509.51
380200-Services - Plastic & Copper	800156	F0599	N Budd Park CI Grid Repl Phase 1E	201806	69,411.16	-0.67%	100%	\$ 58,091.35	10.5	0.0022333	1,362.24	1,556.85
380200-Services - Plastic & Copper	004153	F0513	BWO-Rep1 Svc w/ PIs (South Reg)	201806	77,715.76	Blanket		\$ 65,041.61	10.5	0.0022333	1,525.22	1,743.11
380200-Services - Plastic & Copper	800502	F0599	Repl w/ 5865F 2-4-6P 63rd & 55th St	201806	89,381.87	-0.69%	100%	\$ 74,805.17	10.5	0.0022333	1,754.18	2,004.78
380200-Services - Plastic & Copper	800501	F0599	Repl w/ 4895F 2P 63rd & 55th	201806	90,597.46	0.27%	99.73%	\$ 75,822.52	10.5	0.0022333	1,778.04	2,032.04
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201806	104,382.96	-0.04%	100%	\$ 87,359.83	10.5	0.0022333	2,048.59	2,341.24
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201806	118,946.70	2.99%	97.01%	\$ 99,548.47	10.5	0.0022333	2,334.41	2,667.90
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201806	122,609.80	-0.83%	100%	\$ 102,614.18	10.5	0.0022333	2,406.30	2,750.06
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201806	142,085.09	-0.55%	100%	\$ 118,913.37	10.5	0.0022333	2,788.51	3,186.87
380200-Services - Plastic & Copper	800435	F0604	Repl w/ 12550F 2-4P TC Lea & Kringer	201806	178,444.96	2.46%	97.54%	\$ 149,343.55	10.5	0.0022333	3,502.10	4,002.40
380200-Services - Plastic & Copper	004152	F0608	BWO-Rep1 Svc w/ PIs (North Reg)	201806	1,085,429.47	Blanket		\$ 908,413.97	10.5	0.0022333	21,302.28	24,345.46
Total Services Plastic and Copper					13,679,218.97			11,448,365.78			338,336.63	396,815.70
TOTAL					83,454,869.36			80,441,339.39			1,634,038.33	1,536,521.78

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Retirements Oct17 - Jun18
 Appendix B - Schedule 2

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376100-Mains - Steel	801383	Reloc 2727F 4-6P Truman Farm Trail	F0578	201711	(22,879.13)	17.5	0.00148333	(599.90)	(407.25)
376100-Mains - Steel	801048	Reloc 1147F 2-4P Winn & Belfontaine	F0547	201711	(6,204.80)	17.5	0.00148333	(161.07)	(110.45)
376100-Mains - Steel	801436	Reloc 845F 266P 51st & Grand	F0578	201711	(5,034.05)	17.5	0.00148333	(130.68)	(89.61)
376100-Mains - Steel	801393	Reloc 512F 2S 6th & Benton	F0547	201712	(493.36)	16.5	0.00148333	(12.07)	(8.78)
376100-Mains - Steel	801509	Reloc 260F 4P Englewood ArtDistrict	F0578	201712	(1,414.38)	16.5	0.00148333	(8.55)	(6.22)
376100-Mains - Steel	800144	Hwy 71 and Gregory Grid Repl PhD	F0547	201712	(65.46)	16.5	0.00148333	(1.60)	(1.17)
376100-Mains - Steel	800624	Repl w/ 3970F 2-4-6P 155th E of I-49	F0578	201802	(9,042.12)	14.5	0.00148333	(194.48)	(160.95)
376100-Mains - Steel	801349	Reloc 297F 4P F2005 Project Joplin	F0664	201802	(1,414.38)	14.5	0.00148333	(30.42)	(25.18)
376100-Mains - Steel	800957	Reloc 1782F 2-4P 27th-31st Phase 1	F0664	201802	(911.17)	14.5	0.00148333	(19.60)	(16.22)
376100-Mains - Steel	801556	Reloc 325F 4P 155th & Barat Ave	F0578	201802	(640.26)	14.5	0.00148333	(13.77)	(11.40)
376100-Mains - Steel	801501	Reloc 35F 2P 83rd & Ash	F0578	201802	(503.34)	14.5	0.00148333	(10.83)	(8.96)
376100-Mains - Steel	801586	Reloc 49F 2S Smithville @ Hawthorne	F0547	201803	(2,431.24)	13.5	0.00148333	(48.69)	(43.28)
376100-Mains - Steel	800546	Rel w/ 70F 4S Green Hills&Parkdale	F0547	201803	(1,060.78)	13.5	0.00148333	(21.24)	(18.88)
376100-Mains - Steel	801381	Reloc 447F 2-4-8 S&P Gene Field	F0547	201803	(811.24)	13.5	0.00148333	(16.25)	(14.44)
376100-Mains - Steel	800383	Target Marlborough East Ph 2 Reloc	F0547	201804	(1,428.05)	12.5	0.00148333	(26.48)	(25.42)
376100-Mains - Steel	800470	Reloc 1124F 6P Englewood Phase 1A	F0547	201804	(2,190.70)	12.5	0.00148333	(40.62)	(38.99)
376100-Mains - Steel	801447	Reloc 16F 2S 7013 N Baltimore	F0547	201804	(15.09)	12.5	0.00148333	(0.28)	(0.27)
376100-Mains - Steel	801595	Reloc 30F 4S 3rd and Jay St	F0664	201804	(33.80)	12.5	0.00148333	(0.63)	(0.60)
376100-Mains - Steel	801443	Reloc 863F 4S 4-6P 20th & Murphy	F0664	201805	(18,128.06)	11.5	0.00148333	(309.23)	(322.68)
376100-Mains - Steel	801059	Reloc 1848F 8-12S Truman Rd & Hwy78	F0578	201805	(10,679.57)	11.5	0.00148333	(182.18)	(190.10)
376100-Mains - Steel	801066	Reloc 1565F 4P Forest @ Hwy 291	F0547	201805	(7,707.75)	11.5	0.00148333	(131.48)	(137.20)
376100-Mains - Steel	801662	Reloc 1927F 4-6P Griffith Place	F0578	201805	(7,144.77)	11.5	0.00148333	(121.88)	(127.18)
376100-Mains - Steel	800693	Reloc 2235F 2-4P Blacksnake Creek	F0547	201805	(5,198.79)	11.5	0.00148333	(88.68)	(92.54)
376100-Mains - Steel	800728	Reloc 2621F 2P Broadway & Zora	F0664	201805	(4,254.82)	11.5	0.00148333	(72.58)	(75.74)
376100-Mains - Steel	800526	Rel w/ 1600F 2-4P Pacific & Sunrise	F0578	201805	(2,919.51)	11.5	0.00148333	(49.80)	(51.97)
376100-Mains - Steel	800967	Reloc 7913F 2-4P Wormal & 85th Ph5	F0547	201806	(19,163.82)	10.5	0.00148333	(298.48)	(341.12)
376100-Mains - Steel	800385	Rel w/ 2320F 2P 22nd&23rd St-Wabash	F0547	201806	(5,136.33)	10.5	0.00148333	(80.00)	(91.43)
Total Retirements - Main Relocation - Steel								(2,665.47)	(2,418.03)
376200-Mains - Cast Iron	800144	Hwy 71 and Gregory Grid Repl PhD	F0547	201712	(9,735.25)	16.5	0.00148333	(238.27)	(173.29)
376200-Mains - Cast Iron	800385	Rel w/ 2320F 2P 22nd&23rd St-Wabash	F0547	201806	(5,284.20)	10.5	0.00148333	(82.30)	(94.06)
Total Retirements - Main Relocations - Cast Iron								(320.57)	(267.35)
376300-Mains - Plastic	801353	Reloc 3542F 2-4-6P S School Rd	F0578	201711	(26,603.97)	17.5	0.00148333	(690.59)	(473.55)
376300-Mains - Plastic	801383	Reloc 2727F 4-6P Truman Farm Trail	F0578	201711	(358.34)	17.5	0.00148333	(9.30)	(6.38)
376300-Mains - Plastic	801048	Reloc 1147F 2-4P Winn & Belfontaine	F0547	201711	(312.36)	17.5	0.00148333	(8.11)	(5.56)
376300-Mains - Plastic	801509	Reloc 260F 4P Englewood ArtDistrict	F0578	201712	(475.71)	16.5	0.00148333	(11.64)	(8.47)
376300-Mains - Plastic	800144	Hwy 71 and Gregory Grid Repl PhD	F0547	201712	(65.46)	16.5	0.00148333	(1.60)	(1.17)
376300-Mains - Plastic	801556	Reloc 2730F 2-6P Ward-Tudor Donovan	F0578	201802	(106,886.75)	14.5	0.00148333	(2,298.95)	(1,902.58)
376300-Mains - Plastic	800624	Repl w/ 3970F 2-4-6P 155th E of I-49	F0578	201802	(10,516.57)	14.5	0.00148333	(226.19)	(187.19)
376300-Mains - Plastic	800957	Reloc 1782F 2-4P 27th-31st Phase 1	F0664	201802	(7,126.83)	14.5	0.00148333	(153.29)	(126.86)
376300-Mains - Plastic	801556	Reloc 325F 4P 155th & Barat Ave	F0578	201802	(498.04)	14.5	0.00148333	(10.67)	(8.83)
376300-Mains - Plastic	801349	Reloc 297F 4P F2005 Project Joplin	F0664	201802	(462.67)	14.5	0.00148333	(9.95)	(8.24)
376300-Mains - Plastic	801381	Reloc 447F 2-4-8 S&P Gene Field	F0547	201803	(89.80)	13.5	0.00148333	(1.80)	(1.60)
376300-Mains - Plastic	800383	Target Marlborough East Ph 2 Reloc	F0547	201804	(37,490.75)	12.5	0.00148333	(695.14)	(667.33)
376300-Mains - Plastic	800470	Reloc 1124F 6P Englewood Phase 1A	F0547	201804	(769.10)	12.5	0.00148333	(14.26)	(13.69)
376300-Mains - Plastic	801829	Reloc 300F 2P Moore Drive & Amth	F0547	201804	(2,417.66)	12.5	0.00148333	(44.83)	(43.03)
376300-Mains - Plastic	801136	Reloc 1187F 4P 27th - 22nd Phase 2	F0664	201805	(60,978.09)	11.5	0.00148333	(1,040.18)	(1,085.41)
376300-Mains - Plastic	800728	Reloc 2621F 2P Broadway & Zora	F0664	201805	(16,956.68)	11.5	0.00148333	(272.36)	(284.21)
376300-Mains - Plastic	801443	Reloc 863F 4S 4-6P 20th & Murphy	F0664	201805	(7,856.77)	11.5	0.00148333	(134.02)	(139.85)
376300-Mains - Plastic	801579	Reloc 320F 4P N Chatham St of 64th	F0547	201805	(3,204.49)	11.5	0.00148333	(54.66)	(57.04)
376300-Mains - Plastic	801641	Reloc 60F 2P RD Mize	F0578	201805	(771.48)	11.5	0.00148333	(13.16)	(13.73)
376300-Mains - Plastic	800526	Rel w/ 1600F 2-4P Pacific & Sunrise	F0578	201805	(598.80)	11.5	0.00148333	(10.11)	(10.66)
376300-Mains - Plastic	801293	Reloc 1324F 6P 32nd St Central City	F0664	201806	(22,429.54)	10.5	0.00148333	(357.08)	(408.09)
376300-Mains - Plastic	800385	Rel w/ 2320F 2P 22nd&23rd St-Wabash	F0547	201806	(3,921.74)	10.5	0.00148333	(61.08)	(69.81)
Total Retirements - Main Relocations - Plastic								(6,120.14)	(5,524.05)
Total Retirements - Main Relocations								(9,106.18)	(8,209.43)
Main Replacements									
376100-Mains - Steel	800622	Repl w/ 5785F 2P 29th & Northern	F0604	201710	(8,882.31)	18.5	0.00148333	(243.74)	(158.10)
376100-Mains - Steel	800137	St. Joe's South Phase 1C - MGE	F0599	201710	(4,807.09)	18.5	0.00148333	(131.91)	(85.57)
376100-Mains - Steel	800046	Liberty - Grid Phase B	F0599	201710	(4,501.48)	18.5	0.00148333	(123.53)	(80.13)
376100-Mains - Steel	800727	Repl w/ 2380F 2-4P 31st & Mason St	F0604	201710	(4,155.99)	18.5	0.00148333	(114.05)	(78.98)
376100-Mains - Steel	800087	Holden Grid Phase 2E	F0604	201710	(3,676.43)	18.5	0.00148333	(100.89)	(65.44)
376100-Mains - Steel	800121	Liberty - Grid Phase D	F0599	201710	(2,019.85)	18.5	0.00148333	(55.43)	(35.95)
376100-Mains - Steel	800138	St. Joe's South Phase 1D - MGE	F0599	201710	(1,757.45)	18.5	0.00148333	(48.23)	(31.28)
376100-Mains - Steel	800088	Holden Grid Phase 2D	F0604	201710	(1,083.26)	18.5	0.00148333	(29.73)	(19.28)
376100-Mains - Steel	800483	Aband 2' Bare Steel St Louis St	F0604	201710	(144.82)	18.5	0.00148333	(3.97)	(2.58)
376100-Mains - Steel	800122	Repl w/ 4565F 2P Liberty PhE	F0599	201711	(40,878.38)	17.5	0.00148333	(1,061.13)	(727.63)
376100-Mains - Steel	800261	Repl w/ 5647F 2P Clarkburg Ph B	F0604	201711	(18,305.78)	17.5	0.00148333	(475.19)	(325.84)
376100-Mains - Steel	800616	Repl w/ 5800F 2-4P Liberty Ph2	F0604	201711	(17,780.34)	17.5	0.00148333	(461.55)	(316.49)
376100-Mains - Steel	800045	Liberty - Grid Phase A	F0599	201711	(16,596.32)	17.5	0.00148333	(430.81)	(295.41)
376100-Mains - Steel	800072	Tipton Grid Phase B - Bare steel re	F0604	201711	(14,988.25)	17.5	0.00148333	(389.07)	(266.79)
376100-Mains - Steel	800163	Webb City Phase 1D Bare Steel Repla	F0572	201711	(12,504.60)	17.5	0.00148333	(324.60)	(222.56)
376100-Mains - Steel	800124	Repl w/ 3375F 2P Liberty PhG	F0599	201711	(6,636.09)	17.5	0.00148333	(172.26)	(118.12)
376100-Mains - Steel	800041	Liberty Header - Phase 4 IJI	F0599	201711	(4,869.76)	17.5	0.00148333	(126.41)	(86.68)
376100-Mains - Steel	800123	Repl w/ 4505F 2P Liberty Phase F	F0599	201711	(4,283.55)	17.5	0.00148333	(111.19)	(76.25)
376100-Mains - Steel	800444	Repl w/ 3600F 2-4P Liberty PhI	F0604	201711	(2,915.44)	17.5	0.00148333	(75.68)	(51.89)
376100-Mains - Steel	800125	Repl w/ 1365F 2P Liberty PhH	F0599	201711	(1,268.34)	17.5	0.00148333	(32.92)	(22.58)
376100-Mains - Steel	800834	Repl w/ 1590F 2P 8th & Geneva	F0572	201711	(944.11)	17.5	0.00148333	(24.51)	(16.81)
376100-Mains - Steel	801410	Repl 612F 2P 26th Terr & Topping	F0599	201711	(666.90)	17.5	0.00148333	(17.31)	(11.87)
376100-Mains - Steel	800154	N Budd Park CI Gnd Repl Phase 1C	F0599	201711	(564.78)	17.5	0.00148333	(14.66)	(10.05)
376100-Mains - Steel	800390	Repl w/ 884F 2-4P HWY 60 to Pine	F0572	201711	(246.56)	17.5	0.00148333	(6.40)	(4.39)
376100-Mains - Steel	800100	Repl w/ 9461F 2P Kingsville Ph2	F0604	201712	(33,555.13)	16.5	0.00148333	(821.26)	(597.28)
376100-Mains - Steel	801184	Repl 540F 12S Bannister & BlueRiver	F0599	201712	(14,387.87)	16.5	0.00148333	(352.14)	(256.10)
376100-Mains - Steel	800474	Repl w/ 2597F 4P 1201 Schifferdecker	F0572	201712	(7,892.22)	16.5	0.00148333	(193.16)	(140.48)
376100-Mains - Steel	801149	Repl 4180F 2-4P 24th & Meadow	F0572	201712	(4,545.20)	16.5	0.00148333	(111.24)	(80.90)
376100-Mains - Steel	800145	Repl w/ 4271F 4P 7th & Gregory Ph E	F0599	201712	(2,800.79)	16.5	0.00148333	(63.65)	(46.29)
376100-Mains - Steel	800143	Hwy 71 & Gregory Grid Replace PhC	F0599	201712	(692.44)	16.5	0.00148333	(16.95)	(12.33)
376100-Mains - Steel	800146	Repl w/ 4506F 2P Hwy71 & Gregory-F	F0599	201712	(550.10)	16.5	0.00148333	(13.46)	(9.79)
376100-Mains - Steel	800932	Repl w/ 750F 2P Nipper S of Spring	F0604	201801	(587.32)	15.5	0.00148333	(13.50)	(10.45

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Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376100-Mains - Steel	801356	Repl 5950 2-4P Emma Grid Miller 1A	F0604	201803	(8,099.93)	13.5	0.0014833	(162.20)	(144.18)
376100-Mains - Steel	800600	Repl w 7055F 2-4P Blackburn Phase 1	F0604	201803	(6,286.20)	13.5	0.0014833	(125.88)	(111.89)
376100-Mains - Steel	800558	Repl w 3645F 2-4P Neosho Grid Ph1	F0572	201803	(4,071.02)	13.5	0.0014833	(81.52)	(72.46)
376100-Mains - Steel	801223	Repl 1420F 2P W&E Cleveland@Holden	F0604	201803	(1,808.90)	13.5	0.0014833	(36.22)	(32.20)
376100-Mains - Steel	801450	Repl 1120F 2P Market-Waters to 2nd	F0604	201803	(1,119.25)	13.5	0.0014833	(22.41)	(19.92)
376100-Mains - Steel	800258	Repl w 11818F 2P Pleasant Hill Ph5	F0604	201803	(800.85)	13.5	0.0014833	(16.04)	(14.26)
376100-Mains - Steel	801439	Repl 15F 24S 55th & Indiana - Valve	F0599	201803	(94.56)	13.5	0.0014833	(1.89)	(1.68)
376100-Mains - Steel	800073	Tipton Grid Phase F - Bare steel re	F0604	201804	(22,780.60)	12.5	0.0014833	(422.39)	(405.49)
376100-Mains - Steel	800076	Repl w 4914 2-8P Tipton Ph5	F0604	201804	(4,074.18)	12.5	0.0014833	(75.54)	(72.52)
376100-Mains - Steel	800132	FY16 Strategic Grid MGE - Belton Ph	F0604	201804	(4,639.59)	12.5	0.0014833	(86.03)	(82.58)
376100-Mains - Steel	800259	Repl w 8606F 2P Pleasant Hill Ph6	F0604	201804	(22,911.95)	12.5	0.0014833	(424.82)	(407.83)
376100-Mains - Steel	800274	Repl w 7005F 2-4P Carrollton PhA	F0604	201804	(13,759.78)	12.5	0.0014833	(255.13)	(244.92)
376100-Mains - Steel	800275	Repl w 6004F 2-4P Carrollton Ph B	F0604	201804	(8,538.11)	12.5	0.0014833	(158.31)	(151.98)
376100-Mains - Steel	800340	Repl w 6468F 2P St. Joe's Ph2D	F0599	201804	(10,431.24)	12.5	0.0014833	(193.41)	(185.68)
376100-Mains - Steel	800341	Repl w 4794F 2-6P St Joe's Ph2E	F0599	201804	(10,899.95)	12.5	0.0014833	(202.10)	(194.02)
376100-Mains - Steel	800431	Target Marlborough West Phase 1	F0599	201804	(16,820.82)	12.5	0.0014833	(311.89)	(299.41)
376100-Mains - Steel	800475	Repl w 4030F 2-4P Park and Jackson	F0572	201804	(9,122.17)	12.5	0.0014833	(169.14)	(162.37)
376100-Mains - Steel	800597	Repl w 8860F 2-4P Alma Phase 1	F0604	201804	(4,234.37)	12.5	0.0014833	(78.51)	(75.37)
376100-Mains - Steel	800598	Repl w 7500F 2-4P Alma Phase 2	F0604	201804	(8,212.23)	12.5	0.0014833	(152.27)	(146.18)
376100-Mains - Steel	800599	Repl w 9540F 2-4P Blackburn Phase 2	F0604	201804	(8,235.17)	12.5	0.0014833	(152.69)	(146.59)
376100-Mains - Steel	801789	Repl 2116F 2-4P 55th & Crescent Rd	F0604	201804	(8,571.52)	12.5	0.0014833	(158.93)	(152.57)
376100-Mains - Steel	800277	Repl 11776F 2-4P Carrollton Ph D	F0604	201805	(31,979.07)	11.5	0.0014833	(545.51)	(569.23)
376100-Mains - Steel	801193	Repl 6790F 2-4P Carthage Area Ph 1A	F0572	201805	(16,037.31)	11.5	0.0014833	(273.57)	(285.46)
376100-Mains - Steel	800290	Repl 4735F 1-2-4P Rt 24 & Sterling	F0604	201805	(12,407.82)	11.5	0.0014833	(211.66)	(220.86)
376100-Mains - Steel	800131	Repl w 7363F 2&4P Belton Ph2C	F0604	201805	(12,052.72)	11.5	0.0014833	(205.60)	(214.54)
376100-Mains - Steel	800414	Repl w 7387 2-4P Pleasant Hill Ph7	F0604	201805	(10,242.69)	11.5	0.0014833	(174.72)	(182.32)
376100-Mains - Steel	800130	Repl w 6463F 2-4P Belton Ph 2B	F0604	201805	(10,224.80)	11.5	0.0014833	(174.42)	(182.00)
376100-Mains - Steel	800338	Repl w 4888F 2-8P St Joe Grid Ph 2C	F0599	201805	(9,964.99)	11.5	0.0014833	(169.99)	(177.38)
376100-Mains - Steel	800127	FY16 Strategic Grid MGE-Belton PH2A	F0604	201805	(8,067.74)	11.5	0.0014833	(137.62)	(143.61)
376100-Mains - Steel	800278	Repl w 5716F 2P Carrollton Phase E	F0604	201805	(7,300.02)	11.5	0.0014833	(124.53)	(129.94)
376100-Mains - Steel	800276	Repl w 5332F 2P Carrollton Phase C	F0604	201805	(7,003.72)	11.5	0.0014833	(119.47)	(124.67)
376100-Mains - Steel	800092	Inst 4644F 2P Belton Ph	F0604	201805	(5,662.35)	11.5	0.0014833	(96.59)	(100.79)
376100-Mains - Steel	800440	KC-39th & State Line Cast Iron PhC	F0599	201805	(3,486.27)	11.5	0.0014833	(59.47)	(62.06)
376100-Mains - Steel	801125	Repl 3065F 2-4P 16th & Bird	F0572	201805	(2,949.18)	11.5	0.0014833	(50.31)	(52.50)
376100-Mains - Steel	800285	Repl 2470F 2P Carrollton Phase H	F0604	201805	(2,775.15)	11.5	0.0014833	(47.34)	(49.40)
376100-Mains - Steel	800441	KC-39th & State Line Cast Iron PhA	F0599	201805	(2,258.86)	11.5	0.0014833	(38.53)	(40.21)
376100-Mains - Steel	800153	N Budd Park CI Grid Repl Phase 1B	F0599	201805	(1,999.40)	11.5	0.0014833	(34.11)	(35.59)
376100-Mains - Steel	801886	Repl 1030F 12S Colbern Under Creek	F0604	201805	(1,662.52)	11.5	0.0014833	(28.36)	(29.59)
376100-Mains - Steel	800157	N Budd Park CI Grid Repl Phase 1F	F0599	201805	(785.33)	11.5	0.0014833	(13.40)	(13.98)
376100-Mains - Steel	800758	Repl w 1011F 2P Concordia Phase A	F0604	201805	(712.20)	11.5	0.0014833	(12.15)	(12.68)
376100-Mains - Steel	800439	KC-39th & State Line Cast Iron PhB	F0599	201805	(553.38)	11.5	0.0014833	(9.44)	(9.85)
376100-Mains - Steel	800156	N Budd Park CI Grid Repl Phase 1E	F0599	201805	(158.58)	11.5	0.0014833	(2.71)	(2.82)
376100-Mains - Steel	800155	N Budd Park CI Grid Repl Phase 1D	F0599	201805	(57.77)	11.5	0.0014833	(0.99)	(1.03)
376100-Mains - Steel	800760	Repl 11566F 2-4P Concordia Phase C	F0604	201806	(52,752.67)	10.5	0.0014833	(821.62)	(939.00)
376100-Mains - Steel	801376	Repl 6760F 2-4P Waverly MO Phase 1	F0604	201806	(52,703.16)	10.5	0.0014833	(820.85)	(938.11)
376100-Mains - Steel	800480	Repl 9430F 2-4P Pleasant Hill Ph 8	F0604	201806	(47,440.64)	10.5	0.0014833	(738.89)	(844.44)
376100-Mains - Steel	800864	Repl w 3915F 2-4-6P 75th St RT 350	F0604	201806	(42,166.50)	10.5	0.0014833	(656.74)	(750.56)
376100-Mains - Steel	800151	Repl w 7128F 2-4P Hwy71 & Gregory K	F0599	201806	(26,268.47)	10.5	0.0014833	(409.13)	(467.58)
376100-Mains - Steel	800301	Repl w 10454F 2-4P Republic Ph1	F0572	201806	(24,181.95)	10.5	0.0014833	(376.63)	(440.44)
376100-Mains - Steel	800279	Repl w 9003F 2P Carrollton Phase F	F0604	201806	(21,109.01)	10.5	0.0014833	(328.77)	(375.74)
376100-Mains - Steel	800855	Repl 8660F 2-4P Carrollton Grid Ph L	F0604	201806	(20,348.11)	10.5	0.0014833	(316.92)	(362.20)
376100-Mains - Steel	800286	Repl w 12516F 2-4P Carrollton Ph I	F0604	201806	(20,279.95)	10.5	0.0014833	(315.80)	(360.91)
376100-Mains - Steel	800264	Repl w 6503F 2P Webb City Ph2C	F0572	201806	(15,816.45)	10.5	0.0014833	(246.34)	(281.53)
376100-Mains - Steel	800336	Repl w 3147F 4-8P St Joe's Ph2B	F0599	201806	(13,037.53)	10.5	0.0014833	(203.06)	(232.07)
376100-Mains - Steel	801057	Repl w 8235F 2-6P Neosho C-001	F0572	201806	(10,347.00)	10.5	0.0014833	(161.15)	(184.18)
376100-Mains - Steel	800265	Repl w 4646F 2-4P Webb City Ph2D	F0572	201806	(9,890.57)	10.5	0.0014833	(154.05)	(176.05)
376100-Mains - Steel	800856	Repl 3494F 2P Carrollton Grid Ph K	F0604	201806	(8,211.10)	10.5	0.0014833	(127.89)	(146.16)
376100-Mains - Steel	801284	Repl 5625F 2-4P Elliot & Hwy K	F0572	201806	(8,130.15)	10.5	0.0014833	(126.63)	(144.72)
376100-Mains - Steel	801475	Repl 8630F 2-4P Waverly MO Phase 4	F0604	201806	(8,038.66)	10.5	0.0014833	(125.20)	(143.09)
376100-Mains - Steel	800977	Repl 8085F 2P Liberty & Stone	F0604	201806	(7,143.89)	10.5	0.0014833	(111.27)	(127.16)
376100-Mains - Steel	800405	Repl w 790F 3-8P 16th & Roosevelt	F0572	201806	(6,930.86)	10.5	0.0014833	(107.95)	(123.37)
376100-Mains - Steel	801365	Repl 3365F 2-4P Emma 1B - Miller	F0604	201806	(6,829.40)	10.5	0.0014833	(106.37)	(121.56)
376100-Mains - Steel	800150	Repl w 4743F 2-6P 71 & Gregory Ph J	F0599	201806	(5,614.99)	10.5	0.0014833	(87.45)	(99.95)
376100-Mains - Steel	800097	Repl w 1385F 2P Belton Ph1F	F0604	201806	(4,663.24)	10.5	0.0014833	(72.63)	(83.01)
376100-Mains - Steel	800654	Repl w 5185F 2-6P Neosho C-001 1B	F0572	201806	(4,034.49)	10.5	0.0014833	(62.84)	(71.81)
376100-Mains - Steel	800412	Repl w 5734F 2-4P Purcell 1B	F0572	201806	(3,941.84)	10.5	0.0014833	(61.39)	(70.16)
376100-Mains - Steel	801709	Repl 1430F 4P 56th - Indiana/Kansas	F0599	201806	(2,720.55)	10.5	0.0014833	(42.37)	(48.43)
376100-Mains - Steel	800496	Repl w 7350F 2-4P 63rd & 55th St	F0599	201806	(2,533.59)	10.5	0.0014833	(39.46)	(45.10)
376100-Mains - Steel	800849	Repl 1330F 2P Carrollton Grid Ph J	F0604	201806	(2,294.88)	10.5	0.0014833	(35.28)	(40.31)
376100-Mains - Steel	800335	St. Joe's South Grid Phase 2A - MGE	F0604	201806	(2,024.98)	10.5	0.0014833	(31.52)	(36.02)
376100-Mains - Steel	800597	Repl w 8860F 2-4P Alma Phase 1	F0604	201806	(1,977.50)	10.5	0.0014833	(30.80)	(35.20)
376100-Mains - Steel	800262	Webb City Phase 2A Grid Bare ST Rep	F0572	201806	(1,892.70)	10.5	0.0014833	(26.36)	(30.13)
376100-Mains - Steel	800263	Repl w 1375F 2P Webb City Ph2B	F0572	201806	(1,600.93)	10.5	0.0014833	(24.93)	(28.50)
376100-Mains - Steel	800158	N Budd Park CI Repl Phase 1G IUI	F0599	201806	(1,098.81)	10.5	0.0014833	(17.11)	(19.56)
376100-Mains - Steel	801703	Repl 1440F 2P E 36th St & Sterling	F0604	201806	(744.15)	10.5	0.0014833	(11.59)	(13.25)
376100-Mains - Steel	800148	Repl w 3259F 2P Hwy 71&Gregory PHH	F0599	201806	(613.97)	10.5	0.0014833	(9.56)	(10.93)
376100-Mains - Steel	800497	Repl w 6280F 2P 63rd & 55th St 1B	F0599	201806	(610.42)	10.5	0.0014833	(9.51)	(10.87)
376100-Mains - Steel	801827	Repl 649F 2-4P Highgrove and 10th	F0599	201806	(330.01)	10.5	0.0014833	(5.14)	(5.87)
376100-Mains - Steel	800449	Repl w 930F 2P Kiger N of Rt 24	F0604	201806	(220.62)	10.5	0.0014833	(3.44)	(3.93)
376100-Mains - Steel	800159	N Budd Park CI Repl Phase 1H	F0599	201806	(160.48)	10.5	0.0014833	(2.59)	(2.97)
376100-Mains - Steel	800498	Repl w 5940F 2-4P 63rd & 55th -1C	F0599	201806	(134.40)	10.5	0.0014833	(2.09)	(2.39)
Total Retirements - Main Replacements - Steel					(1,219,923.85)			(23,440.94)	(21,714.61)
376200-Mains - Cast Iron	800628	Repl 40F 4P AOR 6634 Broadmoor	F0599	201710	(54.02)	18.5	0.0014833	(1.48)	(0.96)
376200-Mains - Cast Iron	800766	Repl w 30F 4P Indiana & 12th AOR	F0599	201710	(0.93)	18.5	0.0014833	(0.03)	(0.02)
376200-Mains - Cast Iron	800154	N Budd Park CI Gnd Repl Phase 1C	F0599	201711	(3,340.19)	17.5	0.0014833	(86.71)	(59.46)
376200-Mains - Cast Iron	801062	Repl 40F 6P AOR 3046 Holmes	F0599	201711	(39.36)				

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Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376200-Mains - Cast Iron	800441	KC-39th & State Line Cast Iron PhA	F0599	201805	(3,466.87)	11.5	0.00148333	(59.14)	(61.71)
376200-Mains - Cast Iron	800440	KC-39th & State Line Cast Iron PhC	F0599	201805	(2,961.18)	11.5	0.00148333	(50.51)	(52.71)
376200-Mains - Cast Iron	800439	KC-39th & State Line Cast Iron PhB	F0599	201805	(2,914.91)	11.5	0.00148333	(49.72)	(51.89)
376200-Mains - Cast Iron	801438	Aband 200F 8C 5416 Brookside AOR	F0599	201805	(746.58)	11.5	0.00148333	(12.74)	(13.29)
376200-Mains - Cast Iron	800151	Repl w/ 7128F 2-4P Hwy71 & Gregory K	F0599	201806	(12,320.35)	10.5	0.00148333	(191.89)	(219.30)
376200-Mains - Cast Iron	800148	Repl w/ 3259F 2P Hwy 71&Gregory PHH	F0599	201806	(10,468.78)	10.5	0.00148333	(163.05)	(186.34)
376200-Mains - Cast Iron	800497	Repl w/ 6280F 2P 63rd & 55th St 1B	F0599	201806	(6,529.65)	10.5	0.00148333	(101.70)	(116.23)
376200-Mains - Cast Iron	800498	Repl w/ 5940F 2-4P 63rd & 55th -1C	F0599	201806	(6,250.61)	10.5	0.00148333	(97.35)	(111.26)
376200-Mains - Cast Iron	800150	Repl w/ 4743F 2-6P 71 & Gregory Ph J	F0599	201806	(5,426.15)	10.5	0.00148333	(84.51)	(96.59)
376200-Mains - Cast Iron	800159	N Budd Park Cl Repl Phase 1H	F0599	201806	(5,046.85)	10.5	0.00148333	(75.60)	(89.83)
376200-Mains - Cast Iron	800158	N Budd Park Cl Repl Phase 1G IUI	F0599	201806	(4,851.46)	10.5	0.00148333	(75.56)	(86.36)
376200-Mains - Cast Iron	801224	Repl 1282F 2P 61st & Indiana	F0599	201806	(2,103.70)	10.5	0.00148333	(32.77)	(37.45)
376200-Mains - Cast Iron	800496	Repl w/ 7350F 2-4P 63rd & 55th St	F0599	201806	(6,121.41)	10.5	0.00148333	(9.54)	(10.90)
376200-Mains - Cast Iron	800825	Repl w/ 251F 2-12P Highland/Independ	F0599	201806	(351.88)	10.5	0.00148333	(5.48)	(6.26)
376200-Mains - Cast Iron	801602	Repl 30F 8P Topping & Smart AOR	F0599	201806	(35.42)	10.5	0.00148333	(0.55)	(0.63)
376200-Mains - Cast Iron	801242	Repl 30F 6P 37th & Pennsylvania AOR	F0599	201806	(13.78)	10.5	0.00148333	(0.21)	(0.25)
Total Retirements - Main Replacement - Cast Iron					(149,833.04)			(2,842.14)	(2,667.05)
376300-Mains - Plastic	800121	Liberty - Grid Phase D	F0599	201710	(4,459.76)	18.5	0.00148333	(122.38)	(79.38)
376300-Mains - Plastic	800046	Liberty - Grid Phase B	F0599	201710	(4,456.16)	18.5	0.00148333	(122.28)	(79.32)
376300-Mains - Plastic	800137	St. Joe's South Phase 1C - MGE	F0599	201710	(3,500.97)	18.5	0.00148333	(96.07)	(62.32)
376300-Mains - Plastic	800622	Repl w/ 5785F 2P 29th & Northern	F0604	201710	(1,738.42)	18.5	0.00148333	(47.71)	(30.94)
376300-Mains - Plastic	800727	Repl w/ 2380F 2-4P 31st & Mason St	F0604	201710	(1,625.99)	18.5	0.00148333	(44.62)	(28.94)
376300-Mains - Plastic	800138	St. Joe's South Phase 1D - MGE	F0599	201710	(153.70)	18.5	0.00148333	(4.22)	(2.74)
376300-Mains - Plastic	800072	Tipton Grid Phase B - Bare steel re	F0604	201711	(32,309.56)	17.5	0.00148333	(838.70)	(575.11)
376300-Mains - Plastic	800122	Repl w/ 4565F 2P Liberty PhE	F0599	201711	(8,641.45)	17.5	0.00148333	(224.32)	(153.82)
376300-Mains - Plastic	800041	Liberty Header - Phase 4 IUI	F0599	201711	(6,573.03)	17.5	0.00148333	(179.62)	(117.00)
376300-Mains - Plastic	800123	Repl w/ 4550F 2P Liberty Phase F	F0599	201711	(6,994.02)	17.5	0.00148333	(155.59)	(106.69)
376300-Mains - Plastic	800444	Repl w/ 3600F 2-4P Liberty Ph1	F0604	201711	(3,303.38)	17.5	0.00148333	(85.75)	(58.80)
376300-Mains - Plastic	800616	Repl w/ 5800F 2-4P Liberty Ph2	F0604	201711	(2,526.36)	17.5	0.00148333	(65.58)	(44.97)
376300-Mains - Plastic	800154	N Budd Park Cl Grd Repl Phase 1C	F0599	201711	(2,175.70)	17.5	0.00148333	(56.48)	(38.73)
376300-Mains - Plastic	800125	Repl w/ 1365F 2P Liberty PHH	F0599	201711	(1,619.83)	17.5	0.00148333	(42.05)	(28.83)
376300-Mains - Plastic	800261	Repl w/ 5647F 2P Clarksburg Ph B	F0604	201711	(1,268.61)	17.5	0.00148333	(32.93)	(22.58)
376300-Mains - Plastic	800045	Liberty - Grid Phase A	F0599	201711	(1,055.79)	17.5	0.00148333	(27.41)	(18.79)
376300-Mains - Plastic	800163	Webb City Phase 1D Bare Steel Repla	F0572	201711	(867.38)	17.5	0.00148333	(22.52)	(15.44)
376300-Mains - Plastic	800834	Repl w/ 1590F 2P 8th & Geneva	F0572	201711	(838.23)	17.5	0.00148333	(21.76)	(14.92)
376300-Mains - Plastic	800044	Repl w/ 4105F 4P Liberty Header Ph5	F0599	201711	(257.81)	17.5	0.00148333	(6.69)	(4.59)
376300-Mains - Plastic	800124	Repl w/ 3375F 2P Liberty PhG	F0599	201711	(48.12)	17.5	0.00148333	(1.25)	(0.86)
376300-Mains - Plastic	801149	Repl 4180F 2-4P 24th & Meadow	F0572	201712	(11,232.12)	16.5	0.00148333	(274.91)	(199.93)
376300-Mains - Plastic	800145	Repl w/ 4271F 4P- 71 & Gregory Ph E	F0599	201712	(5,454.66)	16.5	0.00148333	(133.50)	(97.09)
376300-Mains - Plastic	800100	Repl w/ 9461F 2P Kingsville Ph2	F0604	201712	(1,971.57)	16.5	0.00148333	(48.25)	(35.09)
376300-Mains - Plastic	800143	Hwy 71 & Gregory Grid Replace PhC	F0599	201712	(1,470.86)	16.5	0.00148333	(36.00)	(26.18)
376300-Mains - Plastic	800474	Repl w/ 2597F 4P 1201 Schifferdecker	F0572	201712	(472.53)	16.5	0.00148333	(11.57)	(8.41)
376300-Mains - Plastic	800258	Repl w/ 11818F 2P Pleasant Hill Ph5	F0604	201802	(10,350.53)	14.5	0.00148333	(222.62)	(184.24)
376300-Mains - Plastic	800257	Repl w/ 9327F 2&4P Pleasant Hill Ph4	F0604	201802	(7,773.34)	14.5	0.00148333	(167.19)	(138.37)
376300-Mains - Plastic	800230	5227 Norton Cl Replacement - IUI	F0599	201802	(3,838.56)	14.5	0.00148333	(82.56)	(68.33)
376300-Mains - Plastic	800826	Repl 670F 2-4-6P 10th & Benton	F0599	201802	(3,701.99)	14.5	0.00148333	(79.62)	(65.90)
376300-Mains - Plastic	801042	Inst 8105F 6-8 Budd Park Header Ph3	F0599	201802	(6,372.06)	14.5	0.00148333	(72.53)	(60.02)
376300-Mains - Plastic	800091	Repl w/ 2119F 2-4P Belton Ph1A	F0604	201802	(2,219.41)	14.5	0.00148333	(47.74)	(39.51)
376300-Mains - Plastic	800726	Repl w/ 705F 4P 17th & Grand	F0572	201802	(1,932.30)	14.5	0.00148333	(41.57)	(34.41)
376300-Mains - Plastic	800912	Repl w/ 1645F 2-4P 136 E & Moffet	F0572	201802	(1,755.48)	14.5	0.00148333	(37.76)	(31.25)
376300-Mains - Plastic	800142	Hwy 71 and Gregory Grid Replace PhB	F0599	201802	(1,555.49)	14.5	0.00148333	(33.46)	(27.69)
376300-Mains - Plastic	800610	Repl w/ 6055F 2-4P Marionville PhC	F0572	201802	(930.71)	14.5	0.00148333	(20.02)	(16.57)
376300-Mains - Plastic	800606	Repl w/ 1450F 4P 33rd to 35th	F0572	201802	(819.21)	14.5	0.00148333	(17.62)	(14.58)
376300-Mains - Plastic	800491	Repl w/ 3182F 2-4P Harris S of Shely	F0604	201802	(497.22)	14.5	0.00148333	(10.69)	(8.85)
376300-Mains - Plastic	801119	Repl 2794F 2P 34th and Pearl	F0572	201802	(354.60)	14.5	0.00148333	(7.63)	(6.31)
376300-Mains - Plastic	800827	Repl w/ 2565F 2P Lee St & Main	F0604	201802	(225.03)	14.5	0.00148333	(4.84)	(4.01)
376300-Mains - Plastic	800830	Repl w/ 1500F 2P Green & Peyton	F0604	201802	(209.76)	14.5	0.00148333	(4.51)	(3.73)
376300-Mains - Plastic	801156	Repl 572F 4P 29th and Bales	F0599	201802	(122.79)	14.5	0.00148333	(2.64)	(2.19)
376300-Mains - Plastic	800566	Repl w/ 3425F 2P 12th & Lipper	F0604	201802	(68.62)	14.5	0.00148333	(1.48)	(1.22)
376300-Mains - Plastic	801263	Repl 727F 2P 313 S Oak St	F0572	201802	(28.69)	14.5	0.00148333	(0.62)	(0.51)
376300-Mains - Plastic	801219	Repl 5080F 2-4P 39th & S Main St	F0604	201803	(4,196.14)	13.5	0.00148333	(84.03)	(74.69)
376300-Mains - Plastic	800600	Repl w/ 7055F 2-4P Blackburn Phase 1	F0604	201803	(1,389.28)	13.5	0.00148333	(27.82)	(24.73)
376300-Mains - Plastic	800759	Repl 7111F 2-4P Concordia Phase B	F0604	201803	(1,369.98)	13.5	0.00148333	(27.43)	(24.39)
376300-Mains - Plastic	800558	Repl w/ 3645F 2-4P Neosho Grid Ph1	F0572	201803	(793.42)	13.5	0.00148333	(15.89)	(14.12)
376300-Mains - Plastic	801356	Repl 5950 2-4P Emma Grid Miller 1A	F0604	201803	(645.81)	13.5	0.00148333	(12.93)	(11.50)
376300-Mains - Plastic	800284	Repl w/ 11888F 2-4P Carrollton Phs G	F0604	201803	(203.31)	13.5	0.00148333	(4.07)	(3.62)
376300-Mains - Plastic	801115	Repl 638F 2-4P 8th & Forest ACR	F0599	201803	(99.81)	13.5	0.00148333	(1.82)	(1.62)
376300-Mains - Plastic	801450	Repl 1120F 2P Market-Waters to 2nd	F0604	201803	(50.36)	13.5	0.00148333	(1.01)	(0.90)
376300-Mains - Plastic	800073	Tipton Grid Phase F - Bare steel re	F0604	201804	(4,345.06)	12.5	0.00148333	(80.56)	(77.34)
376300-Mains - Plastic	800132	FY16 Strategic Grid MGE - Belton Ph	F0604	201804	(17,594.05)	12.5	0.00148333	(326.22)	(313.17)
376300-Mains - Plastic	800259	Repl w/ 8606F 2P Pleasant Hill Ph6	F0604	201804	(6,879.81)	12.5	0.00148333	(127.56)	(122.46)
376300-Mains - Plastic	800274	Repl w/ 7005F 2-4P Carrollton PhA	F0604	201804	(3,396.90)	12.5	0.00148333	(62.98)	(60.46)
376300-Mains - Plastic	800275	Repl w/ 6004F 2-4P Carrollton Ph B	F0604	201804	(2,545.97)	12.5	0.00148333	(47.21)	(45.32)
376300-Mains - Plastic	800340	Repl w/ 6468F 2P St. Joe's Ph2D	F0599	201804	(12,847.99)	12.5	0.00148333	(238.22)	(228.69)
376300-Mains - Plastic	800341	Repl w/ 4794F 2-6P St Joe's Ph2E	F0599	201804	(2,256.37)	12.5	0.00148333	(41.84)	(40.16)
376300-Mains - Plastic	800431	Target Marlborough West Phase 1	F0599	201804	(1,273.17)	12.5	0.00148333	(23.61)	(22.66)
376300-Mains - Plastic	800475	Repl w/ 4030F 2P Park and Jackson	F0572	201804	(1,555.22)	12.5	0.00148333	(28.83)	(27.83)
376300-Mains - Plastic	800597	Repl w/ 8860F 2-4P Alma Phase 1	F0604	201804	(1,716.35)	12.5	0.00148333	(217.24)	(208.55)
376300-Mains - Plastic	800598	Repl w/ 7500F 2-4P Alma Phase 2	F0604	201804	(4,554.65)	12.5	0.00148333	(84.45)	(81.07)
376300-Mains - Plastic	800599	Repl w/ 9540F 2-4P Blackburn Phase 2	F0604	201804	(763.73)	12.5	0.00148333	(14.16)	(13.59)
376300-Mains - Plastic	801625	Repl 663F 2P 59th & Cypress Place	F0599	201804	(210.20)	12.5	0.00148333	(3.90)	(3.74)
376300-Mains - Plastic	800131	Repl w/ 7363F 2&4P Belton Ph2C	F0604	201805	(13,296.92)	11.5	0.00148333	(226.82)	(236.68)
376300-Mains - Plastic	800277	Repl 11776F 2-4P Carrollton Ph D	F0604	201805	(12,152.68)	11.5	0.00148333	(207.30)	(216.32)
376300-Mains - Plastic	800130	Repl w/ 6463F 2-4P Belton Ph 2B	F0604	201805	(6,474.55)	11.5	0.00148333	(110.44)	(115.25)
376300-Mains - Plastic	800290	Repl 4735F 1-2-4P Rt 24 & Sterling	F0604	201805	(5,472.41)	11.5	0.00148333	(93.35)	(97.41)
376300-Mains - Plastic	800441	KC-39th & State Line Cast Iron PhA	F0599	201805	(5,111.90)	11.5	0.00148333	(87.20)	(90.99)

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Retirements Oct17 - Jun18
 Appendix B - Schedule 2

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
376300-Mains - Plastic	800151	Repl w 7128F 2-4P Hwy71 & Gregory K	F0599	201806	(2,715.48)	10.5	0.00148333	(42.29)	(48.34)
376300-Mains - Plastic	800290	Repl 4735F 1-2-4P Rt 24 & Sterling	F0604	201806	(2,026.65)	10.5	0.00148333	(31.57)	(36.07)
376300-Mains - Plastic	800159	N Budd Park CI Repl Phase 1H	F0599	201806	(1,577.28)	10.5	0.00148333	(24.57)	(28.08)
376300-Mains - Plastic	800412	Repl w 5734F 2-4P Purcell 1B	F0572	201806	(1,459.33)	10.5	0.00148333	(22.73)	(25.98)
376300-Mains - Plastic	800856	Repl 3494F 2P Carrollton Grid Ph K	F0604	201806	(686.28)	10.5	0.00148333	(10.69)	(12.22)
376300-Mains - Plastic	800864	Repl w 3915F 2-4-6P 75th St RT 350	F0604	201806	(661.82)	10.5	0.00148333	(10.31)	(11.78)
376300-Mains - Plastic	800855	Repl 8660F 2-4P Carrollton Grid Ph L	F0604	201806	(518.05)	10.5	0.00148333	(8.07)	(9.22)
376300-Mains - Plastic	800825	Repl w 251F 2-12P Highland/Independ	F0599	201806	(368.87)	10.5	0.00148333	(5.75)	(6.57)
376300-Mains - Plastic	800480	Repl 9430F 2-4P Pleasant Hill Ph 8	F0604	201806	(341.21)	10.5	0.00148333	(5.31)	(6.07)
376300-Mains - Plastic	801709	Repl 1430F 4P 56th - Indiana/Kansas	F0599	201806	(339.09)	10.5	0.00148333	(5.28)	(6.04)
376300-Mains - Plastic	801475	Repl 8630F 2-4P Waverly MO Phase 4	F0604	201806	(331.05)	10.5	0.00148333	(5.16)	(5.89)
376300-Mains - Plastic	801703	Repl 1440F 2P E 36th St & Sterling	F0604	201806	(116.57)	10.5	0.00148333	(1.82)	(2.07)
376300-Mains - Plastic	801827	Repl 649F 2-4P Highgrove and 10th	F0599	201806	(63.40)	10.5	0.00148333	(0.99)	(1.13)
376300-Mains - Plastic	800097	Repl w 1385F 2P Belton Ph1F	F0604	201806	(55.51)	10.5	0.00148333	(0.86)	(0.99)
376300-Mains - Plastic	801376	Repl 6760F 2-4P Waverly MO Phase 1	F0604	201806	(10.95)	10.5	0.00148333	(0.17)	(0.19)
Total Retirements - Main Replacement - Plastic					(431,073.68)			(8,372.19)	(7,673.09)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201710	(25,264.23)	18.5	0.00223333	(1,043.83)	(677.08)
380100-Services - Steel	009217	BWO-Abandon Svc w/ Steel (North)	F0608	201710	(498.81)	18.5	0.00223333	(29.61)	(13.37)
380100-Services - Steel	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201710	(360.88)	18.5	0.00223333	(14.91)	(9.67)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201710	(42.12)	18.5	0.00223333	(1.74)	(1.13)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201710	(36.15)	18.5	0.00223333	(1.49)	(0.97)
380100-Services - Steel	800046	Liberty - Grid Phase B	F0599	201710	(27.09)	18.5	0.00223333	(1.12)	(0.73)
380100-Services - Steel	800137	St. Joe's South Phase 1C - MGE	F0599	201710	(24.48)	18.5	0.00223333	(1.01)	(0.66)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201710	(1.41)	18.5	0.00223333	(0.06)	(0.04)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201711	(18,647.02)	17.5	0.00223333	(728.79)	(499.74)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201711	(2,571.94)	17.5	0.00223333	(100.52)	(68.93)
380100-Services - Steel	800616	Repl w 5800F 2-4P Liberty Ph2	F0604	201711	(2,113.96)	17.5	0.00223333	(82.62)	(56.65)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201711	(1,511.23)	17.5	0.00223333	(59.06)	(40.50)
380100-Services - Steel	800154	N Budd Park CI Gnd Repl Phase 1C	F0599	201711	(783.10)	17.5	0.00223333	(30.61)	(20.99)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201711	(393.29)	17.5	0.00223333	(15.37)	(10.54)
380100-Services - Steel	800163	Webb City Phase 1D Bare Steel Repla	F0572	201711	(313.65)	17.5	0.00223333	(12.26)	(8.41)
380100-Services - Steel	800444	Repl w 3600F 2-4P Liberty Ph1	F0604	201711	(270.22)	17.5	0.00223333	(10.56)	(7.24)
380100-Services - Steel	800122	Repl w 4565F 2P Liberty PhE	F0599	201711	(260.56)	17.5	0.00223333	(10.18)	(6.98)
380100-Services - Steel	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201711	(134.52)	17.5	0.00223333	(5.26)	(3.61)
380100-Services - Steel	800072	Tipton Gnd Phase B - Bare steel re	F0604	201711	(50.66)	17.5	0.00223333	(1.98)	(1.36)
380100-Services - Steel	801410	Repl 612F 2P 26th Terr & Topping	F0599	201711	(34.42)	17.5	0.00223333	(1.35)	(0.92)
380100-Services - Steel	800123	Repl w 4550F 2P Liberty Phase F	F0604	201711	(285.21)	17.5	0.00223333	(10.55)	(7.67)
380100-Services - Steel	800041	Liberty Header - Phase 4 IUI	F0599	201711	(14.48)	17.5	0.00223333	(0.57)	(0.39)
380100-Services - Steel	800028	Liberty Header - Phase 3	F0599	201711	(7.21)	17.5	0.00223333	(0.28)	(0.19)
380100-Services - Steel	800124	Repl w 3375F 2P Liberty PhG	F0599	201711	(7.21)	17.5	0.00223333	(0.28)	(0.19)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201712	(13,800.49)	16.5	0.00223333	(508.55)	(369.85)
380100-Services - Steel	800143	Hwy 71 & Gregory Grid Replace PhC	F0599	201712	(2,099.16)	16.5	0.00223333	(74.04)	(53.85)
380100-Services - Steel	800144	Hwy 71 and Gregory Grid Repl PhD	F0547	201712	(1,128.61)	16.5	0.00223333	(41.59)	(30.25)
380100-Services - Steel	800145	Repl w 4271F 4P- 71 & Gregory Ph E	F0599	201712	(757.69)	16.5	0.00223333	(27.92)	(20.31)
380100-Services - Steel	800100	Repl w 9461F 2P Kingsville Ph2	F0604	201712	(688.44)	16.5	0.00223333	(25.37)	(18.45)
380100-Services - Steel	800146	Repl w 4506F 2P Hwy71 & Gregory-F	F0599	201712	(597.27)	16.5	0.00223333	(20.90)	(15.20)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201712	(285.21)	16.5	0.00223333	(10.55)	(7.67)
380100-Services - Steel	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201712	(35.37)	16.5	0.00223333	(1.30)	(0.95)
380100-Services - Steel	801238	Repl 1368F 4-6P Kansas & 22nd	F0599	201712	(27.38)	16.5	0.00223333	(1.01)	(0.73)
380100-Services - Steel	800474	Repl w 2597F 4P 1201 Schifferdecker	F0572	201712	(8.05)	16.5	0.00223333	(0.30)	(0.22)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201801	(6,513.11)	15.5	0.00223333	(225.46)	(174.55)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201801	(3,746.12)	15.5	0.00223333	(129.68)	(100.40)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201801	(550.15)	15.5	0.00223333	(19.04)	(14.74)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201801	(96.10)	15.5	0.00223333	(3.33)	(2.58)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201801	(33.39)	15.5	0.00223333	(1.16)	(0.89)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201802	(15,035.17)	14.5	0.00223333	(488.89)	(402.94)
380100-Services - Steel	800142	Hwy 71 and Gregory Grid Replace PhB	F0599	201802	(6,135.11)	14.5	0.00223333	(162.29)	(131.62)
380100-Services - Steel	800230	5227 Norton CI Replacement - IUI	F0599	201802	(1,948.21)	14.5	0.00223333	(63.09)	(52.21)
380100-Services - Steel	800039	Pickett Rd and 29th St - Main Repla	F0599	201802	(1,691.02)	14.5	0.00223333	(54.76)	(45.32)
380100-Services - Steel	800624	Repl w 3970F 2-4-6P 155th E of I-49	F0578	201802	(1,069.72)	14.5	0.00223333	(34.64)	(28.67)
380100-Services - Steel	800257	Repl w 9327F 2-4P Pleasant Hill Ph4	F0604	201802	(1,039.41)	14.5	0.00223333	(33.66)	(27.86)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201802	(985.58)	14.5	0.00223333	(31.92)	(26.41)
380100-Services - Steel	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201802	(943.96)	14.5	0.00223333	(30.57)	(25.30)
380100-Services - Steel	801119	Repl 2794F 2P 34th and Pearl	F0572	201802	(368.79)	14.5	0.00223333	(11.94)	(9.88)
380100-Services - Steel	801156	Repl 572F 4P 29th and Bales	F0599	201802	(353.42)	14.5	0.00223333	(11.44)	(9.47)
380100-Services - Steel	800258	Repl w 11816F 2P Pleasant Hill Ph5	F0604	201802	(288.15)	14.5	0.00223333	(8.68)	(7.19)
380100-Services - Steel	800491	Repl w 3128F 2-4P Harris S of Shely	F0604	201802	(119.93)	14.5	0.00223333	(3.88)	(3.21)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201802	(98.57)	14.5	0.00223333	(3.19)	(2.64)
380100-Services - Steel	801628	Repl 400F 4P 6th & Cleveland AOR	F0599	201802	(93.20)	14.5	0.00223333	(3.02)	(2.50)
380100-Services - Steel	800824	Repl w 420F 2-4P 9th & Bales	F0599	201802	(75.07)	14.5	0.00223333	(2.43)	(2.01)
380100-Services - Steel	800826	Repl 670F 2-4-6P 10th & Benton	F0599	201802	(31.06)	14.5	0.00223333	(1.01)	(0.83)
380100-Services - Steel	800957	Reloc 1782F 2-4P 27th-31st Phase 1	F0664	201802	(3.00)	14.5	0.00223333	(0.10)	(0.08)
380100-Services - Steel	800606	Repl w 1450F 4P 33rd to 35th	F0572	201802	(2.94)	14.5	0.00223333	(0.10)	(0.08)
380100-Services - Steel	800566	Repl w 3425F 2P 12th & Lipper	F0604	201802	(0.43)	14.5	0.00223333	(0.01)	(0.01)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201802	(0.31)	14.5	0.00223333	(0.01)	(0.01)
380100-Services - Steel	800759	Repl 711F 2-4P Concordia Phase B	F0604	201803	(4,189.32)	13.5	0.00223333	(126.31)	(112.27)
380100-Services - Steel	801381	Repl 447F 2-4P Gene Field	F0604	201803	(1,233.51)	13.5	0.00223333	(37.24)	(33.52)
380100-Services - Steel	801219	Repl 5080F 2-4P 39th & S Main St	F0604	201803	(819.21)	13.5	0.00223333	(24.70)	(21.95)
380100-Services - Steel	009219	BWO-Replace Svc w/ Steel (Southwest)	F0659	201803	(813.91)	13.5	0.00223333	(24.54)	(21.81)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201803	(443.98)	13.5	0.00223333	(13.39)	(11.90)
380100-Services - Steel	800152	N Budd Park CI Gnd Repl Phase 1A	F0599	201803	(337.61)	13.5	0.00223333	(10.18)	(9.05)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201803	(163.39)	13.5	0.00223333	(4.99)	(4.43)
380100-Services - Steel	800600	Repl w 7055F 2-4P Blackburn Phase 1	F0604	201803	(155.68)	13.5	0.00223333	(4.69)	(4.17)
380100-Services - Steel	800284	Repl w 11888F 2-4P Carrollton Phs G	F0604	201803	(147.98)	13.5	0.00223333	(4.46)	(3.97)
380100-Services - Steel	801115	Repl 535F 2-4P 9th & Forest AOR	F0599	201803	(55.15)	13.5	0.00223333	(1.66)	(1.48)
380100-Services - Steel	801241	Repl 30F 6P 50th & Agnes AOR	F0599	201803	(16.98)	13.5	0.00223333	(0.51)	(0.46)
380100-Services - Steel	800558	Repl w 3645F 2-4P Neosho Grid Ph1	F0572	201803	(11.97)	13.5	0.00223333	(0.36)	(0.32)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201803	(14,778.32)	13.5	0.00223333	(445.57)	(396.06)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201804	(25,577.75)	12.5	0.00223333	(714.0	

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Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
380100-Services - Steel	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201805	(480.68)	11.5	0.00223333	(12.35)	(12.88)
380100-Services - Steel	800441	KC-39th & State Line Cast Iron PhA	F0599	201805	(439.97)	11.5	0.00223333	(11.30)	(11.79)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201805	(228.31)	11.5	0.00223333	(5.86)	(6.12)
380100-Services - Steel	800127	FY16 Strategic Grid MGE-Belton Ph2A	F0604	201805	(217.60)	11.5	0.00223333	(5.59)	(5.83)
380100-Services - Steel	800693	Reloc 2235F 2-4P Blacksnake Creek	F0547	201805	(211.91)	11.5	0.00223333	(5.44)	(5.68)
380100-Services - Steel	800153	N Budd Park CI Grid Repl Phase 1B	F0599	201805	(198.43)	11.5	0.00223333	(5.10)	(5.32)
380100-Services - Steel	800130	Repl w 6463F 2-4P Belton Ph 2B	F0604	201805	(161.19)	11.5	0.00223333	(4.14)	(4.32)
380100-Services - Steel	800277	Repl 11776F 2-4P Carrollton Ph D	F0604	201805	(146.51)	11.5	0.00223333	(3.76)	(3.93)
380100-Services - Steel	800285	Repl 2470F 2P Carrollton Phase H	F0604	201805	(127.81)	11.5	0.00223333	(3.28)	(3.43)
380100-Services - Steel	800758	Repl w 1011F 2-6P Concordia Phase A	F0604	201805	(83.46)	11.5	0.00223333	(2.14)	(2.24)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201805	(22.70)	11.5	0.00223333	(0.58)	(0.61)
380100-Services - Steel	800338	Repl w 4888F 2-8P St Joe Grid Ph 2C	F0599	201805	(19.72)	11.5	0.00223333	(0.51)	(0.53)
380100-Services - Steel	800092	Inst 4644F 2P Belton Ph	F0604	201805	(12.05)	11.5	0.00223333	(0.31)	(0.32)
380100-Services - Steel	800131	Repl w 7363F 2&4P Belton Ph2C	F0604	201805	(8.06)	11.5	0.00223333	(0.21)	(0.22)
380100-Services - Steel	800290	Repl 4735F 1-2-4P Rt 24 & Sterling	F0604	201805	(5.39)	11.5	0.00223333	(0.14)	(0.14)
380100-Services - Steel	800276	Repl w 5332F 2p Carrollton Phase C	F0604	201805	(5.20)	11.5	0.00223333	(0.13)	(0.14)
380100-Services - Steel	801125	Repl 3065F 2-4P 16th & Bird	F0572	201805	(3.08)	11.5	0.00223333	(0.08)	(0.08)
380100-Services - Steel	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201806	(23,635.08)	10.5	0.00223333	(554.24)	(633.42)
380100-Services - Steel	800150	Repl w 4743F 2-6P 71 & Gregory Ph J	F0599	201806	(4,876.50)	10.5	0.00223333	(114.35)	(130.69)
380100-Services - Steel	800159	N Budd Park CI Repl Phase 1H	F0599	201806	(2,566.62)	10.5	0.00223333	(60.19)	(68.79)
380100-Services - Steel	800148	Repl w 3259F 2P Hwy 71&Gregory PHH	F0599	201806	(2,135.79)	10.5	0.00223333	(50.08)	(57.24)
380100-Services - Steel	800336	Repl w 3147F 4-8P St Joe's Ph2B	F0599	201806	(1,959.82)	10.5	0.00223333	(45.96)	(52.52)
380100-Services - Steel	800158	N Budd Park CI Repl Phase 1G IUI	F0599	201806	(1,637.52)	10.5	0.00223333	(38.40)	(43.89)
380100-Services - Steel	800498	Repl w 5940F 2-4P 63rd & 55th -1C	F0599	201806	(1,358.25)	10.5	0.00223333	(31.85)	(36.40)
380100-Services - Steel	009221	BWO-Abandon Service (South Region)	F0513	201806	(1,273.85)	10.5	0.00223333	(29.87)	(34.14)
380100-Services - Steel	800760	Repl 11566F 2-4P Concordia Phase C	F0604	201806	(1,225.40)	10.5	0.00223333	(28.74)	(32.84)
380100-Services - Steel	800497	Repl w 6280F 2P 63rd & 55th St 1B	F0599	201806	(1,077.21)	10.5	0.00223333	(25.26)	(28.87)
380100-Services - Steel	800496	Repl w 7350F 2-4P 63rd & 55th St	F0599	201806	(994.76)	10.5	0.00223333	(23.33)	(26.66)
380100-Services - Steel	800301	Repl w 10454F 2-4P Republic Ph1	F0572	201806	(990.20)	10.5	0.00223333	(23.13)	(26.43)
380100-Services - Steel	800151	Repl w 7128F 2-4P Hwy 71 & Gregory K	F0599	201806	(970.57)	10.5	0.00223333	(22.77)	(26.02)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201806	(560.70)	10.5	0.00223333	(12.91)	(14.76)
380100-Services - Steel	800967	Reloc 7913F 2-4P Wormal & 85th Ph5	F0547	201806	(529.85)	10.5	0.00223333	(12.42)	(14.20)
380100-Services - Steel	800286	Repl w 12516F 2-4P Carrollton Ph 1	F0604	201806	(420.09)	10.5	0.00223333	(9.85)	(11.26)
380100-Services - Steel	800385	Rel w 2320F 2P 22nd&23rd St-Wabash	F0547	201806	(401.46)	10.5	0.00223333	(9.41)	(10.76)
380100-Services - Steel	800264	Repl w 6503F 2P Webb City Ph2C	F0572	201806	(351.32)	10.5	0.00223333	(8.24)	(9.42)
380100-Services - Steel	800265	Repl w 4646F 2-4P Webb City Ph2D	F0572	201806	(254.44)	10.5	0.00223333	(5.97)	(6.82)
380100-Services - Steel	801224	Repl 1282F 2P 61st & Indiana	F0599	201806	(215.37)	10.5	0.00223333	(6.05)	(5.77)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201806	(94.68)	10.5	0.00223333	(2.22)	(2.54)
380100-Services - Steel	801475	Repl 8630F 2-4P Waverly MO Phase 4	F0604	201806	(67.86)	10.5	0.00223333	(1.59)	(1.82)
380100-Services - Steel	801096	Repl 10540F 6P Sarcoxie Phase 2	F0572	201806	(64.04)	10.5	0.00223333	(1.50)	(1.72)
380100-Services - Steel	801284	Repl 5625F 2-4P Elliot & Hwy K	F0572	201806	(44.85)	10.5	0.00223333	(1.05)	(1.20)
380100-Services - Steel	801376	Repl 6760F 2-4P Waverly MO Phase 1	F0604	201806	(39.85)	10.5	0.00223333	(0.93)	(1.07)
380100-Services - Steel	800654	Repl w 5185F 2-6P Neosho C-001 1B	F0572	201806	(22.83)	10.5	0.00223333	(0.54)	(0.61)
380100-Services - Steel	800262	Webb City Phase 2A Grid Bare St Rep	F0572	201806	(21.57)	10.5	0.00223333	(0.51)	(0.58)
380100-Services - Steel	801148	Repl 5305F 6S Sarcoxie Ph 1	F0572	201806	(17.27)	10.5	0.00223333	(0.40)	(0.46)
380100-Services - Steel	800335	St. Joe's South Grid Phase 2A - MGE	F0599	201806	(15.12)	10.5	0.00223333	(0.35)	(0.41)
380100-Services - Steel	800856	Repl 3494F 2P Carrollton Grid Ph K	F0604	201806	(11.01)	10.5	0.00223333	(0.26)	(0.30)
380100-Services - Steel	800977	Repl 8085F 2P Liberty & Stone	F0604	201806	(7.24)	10.5	0.00223333	(0.17)	(0.19)
380100-Services - Steel	800059	Repl w 1365F 2P Belton Ph1F	F0604	201806	(5.44)	10.5	0.00223333	(0.13)	(0.15)
380100-Services - Steel	800279	Repl w 3003F 2P Carrollton Phase F	F0604	201806	(1.30)	10.5	0.00223333	(0.03)	(0.03)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201806	(1.14)	10.5	0.00223333	(0.03)	(0.03)
380100-Services - Steel	800449	Repl w 930F 2P Kiger N of Rt 24	F0604	201806	(0.83)	10.5	0.00223333	(0.02)	(0.02)
380100-Services - Steel	801709	Repl 1430F 4P 56th - Indiana/Kansas	F0599	201806	(0.05)	10.5	0.00223333	-	-
Total Retirements - Services Steel					(247,157.09)			(7,707.46)	(6,623.83)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201710	(37,002.47)	18.5	0.00223333	(1,528.82)	(991.66)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201710	(23,626.42)	18.5	0.00223333	(984.43)	(638.55)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201710	(13,837.85)	18.5	0.00223333	(571.73)	(376.52)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201710	(11,820.62)	18.5	0.00223333	(488.39)	(318.79)
380200-Services - Plastic & Copper	800137	St. Joe's South Phase 1C - MGE	F0599	201710	(7,023.57)	18.5	0.00223333	(290.19)	(188.23)
380200-Services - Plastic & Copper	800046	Liberty - Grid Phase B	F0599	201710	(4,568.74)	18.5	0.00223333	(188.76)	(122.44)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201710	(1,668.91)	18.5	0.00223333	(68.95)	(44.73)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201710	(82.58)	18.5	0.00223333	(3.41)	(2.21)
380200-Services - Plastic & Copper	800493	Aband 2" Bare Steel St Louis St	F0604	201710	(15.52)	18.5	0.00223333	(0.64)	(0.42)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201711	(30,823.93)	17.5	0.00223333	(1,204.70)	(826.08)
380200-Services - Plastic & Copper	800154	N Budd Park CI Grid Repl Phase 1C	F0599	201711	(24,735.11)	17.5	0.00223333	(966.73)	(662.90)
380200-Services - Plastic & Copper	800163	Webb City Phase 1D Bare Steel Repla	F0572	201711	(23,004.96)	17.5	0.00223333	(899.11)	(616.53)
380200-Services - Plastic & Copper	800072	Tipton Grid Phase B - Bare steel re	F0604	201711	(17,661.57)	17.5	0.00223333	(697.27)	(473.33)
380200-Services - Plastic & Copper	800444	Repl w 3600F 2-4P Liberty Ph1	F0604	201711	(15,637.98)	17.5	0.00223333	(611.8)	(419.10)
380200-Services - Plastic & Copper	800124	Repl w 3375F 2P Liberty PhG	F0599	201711	(14,879.58)	17.5	0.00223333	(581.54)	(398.77)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201711	(13,106.13)	17.5	0.00223333	(512.23)	(351.24)
380200-Services - Plastic & Copper	800122	Repl w 4565F 2P Liberty PhE	F0599	201711	(12,543.98)	17.5	0.00223333	(490.26)	(336.18)
380200-Services - Plastic & Copper	800261	Repl w 5647F 2P Clarksburg Ph B	F0604	201711	(12,157.01)	17.5	0.00223333	(475.14)	(325.81)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201711	(11,728.92)	17.5	0.00223333	(458.40)	(314.33)
380200-Services - Plastic & Copper	800123	Repl w 4560F 2P Liberty Phase F	F0599	201711	(11,349.59)	17.5	0.00223333	(443.58)	(304.17)
380200-Services - Plastic & Copper	800045	Liberty - Grid Phase A	F0599	201711	(10,023.34)	17.5	0.00223333	(391.74)	(268.63)
380200-Services - Plastic & Copper	800616	Repl w 5800F 2-4P Liberty Ph2	F0604	201711	(9,154.86)	17.5	0.00223333	(357.80)	(245.35)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201711	(8,995.74)	17.5	0.00223333	(335.53)	(234.79)
380200-Services - Plastic & Copper	801353	Reloc 3542F 2-4P S School Rd	F0578	201711	(8,674.61)	17.5	0.00223333	(330.04)	(232.49)
380200-Services - Plastic & Copper	800044	Repl w 4105F 4P Liberty Header Ph5	F0599	201711	(3,891.86)	17.5	0.00223333	(152.11)	(104.30)
380200-Services - Plastic & Copper	800028	Liberty Header - Phase 3	F0599	201711	(3,811.53)	17.5	0.00223333	(148.97)	(102.15)
380200-Services - Plastic & Copper	801410	Repl 612F 2P 26th Terr & Topping	F0599	201711	(2,343.77)	17.5	0.00223333	(91.60)	(62.81)
380200-Services - Plastic & Copper	009218	BWO-Replace Svc w/ Steel (South)	F0513	201711	(2,233.26)	17.5	0.00223333	(87.28)	(59.85)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201711	(2,065.32)	17.5	0.00223333	(80.72)	(55.35)
380200-Services - Plastic & Copper	800834	Repl w 1590F 2P 8th & Geneva	F0572	201711	(2,022.88)	17.5	0.00223333	(79.06)	(54.21)
380200-Services - Plastic & Copper	800125	Repl w 1365F 2P Liberty PhH	F0599	201711	(1,853.90)	17.5	0.00223333	(72.46)	(49.68)
380200-Services - Plastic & Copper	800041	Liberty Header - Phase 4 IUI	F0599	201711	(1,351.75)	17.5	0.00223333	(52.83)	(36.23)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201711	(35.50)	17.5	0.00223333	(1.39)	(0.95)
380200-Services -									

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Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
380200-Services - Plastic & Copper	800258	Repl w/ 11818F 2P Pleasant Hill Ph5	F0604	201802	(20,087.72)	14.5	0.0022333	(650.51)	(538.35)
380200-Services - Plastic & Copper	800142	Hwy 71 and Gregory Grid Replace PhB	F0599	201802	(16,137.68)	14.5	0.0022333	(522.59)	(432.49)
380200-Services - Plastic & Copper	800912	Repl w/ 1645F 2-4P 13E & Moffet	F0572	201802	(9,881.07)	14.5	0.0022333	(319.98)	(262.81)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201802	(7,852.25)	14.5	0.0022333	(254.28)	(210.44)
380200-Services - Plastic & Copper	801156	Repl 572F 4P 29th and Bales	F0599	201802	(7,758.23)	14.5	0.0022333	(251.24)	(207.92)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201802	(7,371.64)	14.5	0.0022333	(238.72)	(197.56)
380200-Services - Plastic & Copper	800624	Repl w/ 3970F 2-4-6P 155th E of I-49	F0578	201802	(6,071.08)	14.5	0.0022333	(196.60)	(162.70)
380200-Services - Plastic & Copper	800091	Repl w/ 2119F 2-4P Belton Ph1A	F0604	201802	(5,900.52)	14.5	0.0022333	(191.08)	(158.13)
380200-Services - Plastic & Copper	800610	Repl w/ 6055F 2-4P Marionville PhC	F0572	201802	(5,791.32)	14.5	0.0022333	(186.25)	(154.14)
380200-Services - Plastic & Copper	800491	Repl w/ 3182F 2-4P Harris S of Shely	F0604	201802	(5,530.78)	14.5	0.0022333	(179.10)	(148.22)
380200-Services - Plastic & Copper	800230	5227 Norton CI Replacement - IUI	F0599	201802	(4,499.31)	14.5	0.0022333	(145.70)	(120.58)
380200-Services - Plastic & Copper	800566	Repl w/ 3425F 2P 12th & Lipper	F0604	201802	(4,038.97)	14.5	0.0022333	(130.80)	(108.24)
380200-Services - Plastic & Copper	801119	Repl 2794F 2P 34th and Pear	F0572	201802	(4,031.00)	14.5	0.0022333	(130.54)	(108.03)
380200-Services - Plastic & Copper	801628	Repl 400F 4P 6th & Cleveland AOR	F0599	201802	(4,022.55)	14.5	0.0022333	(130.26)	(107.80)
380200-Services - Plastic & Copper	800826	Repl 670F 2-4-6P 10th & Benton	F0599	201802	(4,002.23)	14.5	0.0022333	(129.61)	(107.26)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201802	(3,568.88)	14.5	0.0022333	(115.51)	(95.59)
380200-Services - Plastic & Copper	800606	Repl w/ 1450F 4P 33rd to 35th	F0572	201802	(2,953.11)	14.5	0.0022333	(96.63)	(79.14)
380200-Services - Plastic & Copper	800830	Repl w/ 1500F 2P Green & Peyton	F0604	201802	(2,262.72)	14.5	0.0022333	(73.27)	(60.64)
380200-Services - Plastic & Copper	800957	Reloc 1782F 2-4P 27th-31st Phase 1	F0684	201802	(2,212.93)	14.5	0.0022333	(71.66)	(59.31)
380200-Services - Plastic & Copper	800827	Repl w/ 2585F 2P Lee St & Main	F0604	201802	(1,541.93)	14.5	0.0022333	(49.93)	(41.32)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201802	(918.22)	14.5	0.0022333	(29.73)	(24.61)
380200-Services - Plastic & Copper	800824	Repl w/ 420F 2-4P 9th & Bales	F0599	201802	(326.80)	14.5	0.0022333	(10.58)	(8.76)
380200-Services - Plastic & Copper	801501	Reloc 35F 2P 23rd & Ash	F0578	201802	(54.11)	14.5	0.0022333	(1.75)	(1.45)
380200-Services - Plastic & Copper	801173	Aband 340F 4C 8th & Forest AOR	F0599	201802	(53.66)	14.5	0.0022333	(1.74)	(1.44)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201803	(31,965.73)	13.5	0.0022333	(963.77)	(856.68)
380200-Services - Plastic & Copper	800152	N Budd Park CI Grid Repl Phase 1A	F0599	201803	(19,890.67)	13.5	0.0022333	(599.70)	(533.07)
380200-Services - Plastic & Copper	800284	Repl w/ 11888F 2-4P Carrolton Phs G	F0604	201803	(14,478.00)	13.5	0.0022333	(436.51)	(388.01)
380200-Services - Plastic & Copper	800600	Repl w/ 7055F 2-4P Blackburn Phase 1	F0604	201803	(14,256.50)	13.5	0.0022333	(429.83)	(382.07)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201803	(13,857.83)	13.5	0.0022333	(417.81)	(371.39)
380200-Services - Plastic & Copper	800759	Repl w/ 7111 F 2-4P Concordia Phase B	F0604	201803	(9,689.91)	13.5	0.0022333	(292.15)	(259.69)
380200-Services - Plastic & Copper	801586	Reloc 49F 2S Smithville @ Hawthorne	F0547	201803	(5,438.35)	13.5	0.0022333	(163.97)	(145.75)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201803	(5,337.40)	13.5	0.0022333	(160.92)	(143.04)
380200-Services - Plastic & Copper	801356	Repl 5950 2-4P Emma Grid Miller 1A	F0604	201803	(3,490.15)	13.5	0.0022333	(105.23)	(93.54)
380200-Services - Plastic & Copper	800558	Repl w/ 3645F 2-4P Neosho Grid Ph1	F0572	201803	(1,770.80)	13.5	0.0022333	(53.39)	(47.46)
380200-Services - Plastic & Copper	801219	Repl 5080F 2-4P 39th & S Main St	F0604	201803	(737.35)	13.5	0.0022333	(22.23)	(19.76)
380200-Services - Plastic & Copper	801223	Repl 1420F 2P W&E Cleveland@Holden	F0604	201803	(329.89)	13.5	0.0022333	(9.95)	(8.84)
380200-Services - Plastic & Copper	801381	Reloc 447F 2-4-8 S&P Gene Field	F0547	201803	(227.92)	13.5	0.0022333	(6.87)	(6.11)
380200-Services - Plastic & Copper	800900	Repl w/ 30F 4P 252S Oakley	F0599	201803	(69.88)	13.5	0.0022333	(2.11)	(1.87)
380200-Services - Plastic & Copper	009217	BWO-Relace Svc w/ Steel (North)	F0608	201803	(58.42)	13.5	0.0022333	(1.76)	(1.57)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201803	(7,893.97)	13.5	0.0022333	(237.91)	(211.48)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201803	(290.55)	13.5	0.0022333	(8.76)	(7.79)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201803	(167.00)	13.5	0.0022333	(5.04)	(4.48)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201804	(13,652.69)	12.5	0.0022333	(381.14)	(365.89)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201804	(4,836.85)	12.5	0.0022333	(135.03)	(129.63)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201804	(7,981.13)	12.5	0.0022333	(222.81)	(213.89)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201804	(29,265.10)	12.5	0.0022333	(816.98)	(784.30)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201804	(12,545.91)	12.5	0.0022333	(350.24)	(336.23)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201804	(70,320.63)	12.5	0.0022333	(1,963.11)	(1,884.59)
380200-Services - Plastic & Copper	800073	Tipton Grid Phase F - Bare steel re	F0604	201804	(17,391.82)	12.5	0.0022333	(488.52)	(466.10)
380200-Services - Plastic & Copper	800076	Repl w/ 4914 2-6P Tipton PhG	F0604	201804	(6,414.83)	12.5	0.0022333	(151.17)	(145.12)
380200-Services - Plastic & Copper	800132	FY16 Strategic Grid MGE - Belton Ph	F0604	201804	(11,485.04)	12.5	0.0022333	(320.62)	(307.80)
380200-Services - Plastic & Copper	800259	Repl w/ 8606F 2P Pleasant Hill Ph6	F0604	201804	(33,796.46)	12.5	0.0022333	(943.48)	(905.74)
380200-Services - Plastic & Copper	800274	Repl w/ 7005F 2-4P Carrolton PhA	F0604	201804	(36,386.37)	12.5	0.0022333	(1,015.78)	(975.15)
380200-Services - Plastic & Copper	800275	Repl w/ 6004F 2-4P Carrolton Ph B	F0604	201804	(17,697.19)	12.5	0.0022333	(494.05)	(474.28)
380200-Services - Plastic & Copper	800340	Repl w/ 6468F 2P St. Joe's Ph2D	F0599	201804	(26,097.54)	12.5	0.0022333	(728.56)	(699.41)
380200-Services - Plastic & Copper	800341	Repl w/ 4794F 2-6P St Joe's Ph2E	F0599	201804	(9,463.59)	12.5	0.0022333	(264.19)	(253.62)
380200-Services - Plastic & Copper	800383	Target Marlborough East Ph 2 Reloc	F0547	201804	(15,584.97)	12.5	0.0022333	(436.08)	(417.68)
380200-Services - Plastic & Copper	800431	Target Marlborough West Phase 1	F0599	201804	(15,200.30)	12.5	0.0022333	(424.34)	(407.37)
380200-Services - Plastic & Copper	800475	Repl w/ 4030F 2-4P Park and Jackson	F0572	201804	(14,147.69)	12.5	0.0022333	(1,232.45)	(1,183.16)
380200-Services - Plastic & Copper	800507	Repl w/ 8600F 2-4P Alma Phase 1	F0604	201804	(7,142.32)	12.5	0.0022333	(193.29)	(191.41)
380200-Services - Plastic & Copper	800598	Repl w/ 7500F 2-4P Alma Phase 2	F0604	201804	(22,221.14)	12.5	0.0022333	(592.48)	(568.78)
380200-Services - Plastic & Copper	800599	Repl w/ 9540F 2-4P Blackburn Phase 2	F0604	201804	(12,899.60)	12.5	0.0022333	(360.11)	(345.71)
380200-Services - Plastic & Copper	801625	Repl 663F 2P 59th & Cypress Place	F0599	201804	(2,116.69)	12.5	0.0022333	(59.09)	(56.73)
380200-Services - Plastic & Copper	801789	Repl 2116F 2-4P 55th & Crescent Rd	F0604	201804	(1,915.60)	12.5	0.0022333	(53.48)	(51.34)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201805	(121,343.78)	11.5	0.0022333	(3,116.51)	(3,252.01)
380200-Services - Plastic & Copper	800155	N Budd Park CI Grid Repl Phase 1D	F0599	201805	(48,795.20)	11.5	0.0022333	(1,253.22)	(1,307.71)
380200-Services - Plastic & Copper	800157	N Budd Park CI Grid Repl Phase 1F	F0599	201805	(48,763.98)	11.5	0.0022333	(1,252.42)	(1,306.87)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201805	(46,163.99)	11.5	0.0022333	(1,188.64)	(1,237.19)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201805	(42,435.48)	11.5	0.0022333	(1,089.88)	(1,137.27)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Reg)	F0659	201805	(40,759.09)	11.5	0.0022333	(1,046.75)	(1,092.26)
380200-Services - Plastic & Copper	800156	N Budd Park CI Grid Repl Phase 1E	F0599	201805	(35,986.28)	11.5	0.0022333	(924.25)	(964.43)
380200-Services - Plastic & Copper	800277	Repl 11776F 2-4P Carrolton Ph D	F0599	201805	(24,563.44)	11.5	0.0022333	(630.87)	(658.30)
380200-Services - Plastic & Copper	800441	KC-39th & State Line Cast Iron PhA	F0599	201805	(23,986.65)	11.5	0.0022333	(616.06)	(642.84)
380200-Services - Plastic & Copper	800127	FY16 Strategic Grid MGE-Belton Ph2A	F0604	201805	(21,254.21)	11.5	0.0022333	(545.88)	(569.61)
380200-Services - Plastic & Copper	800440	KC-39th & State Line Cast Iron PhC	F0599	201805	(19,845.47)	11.5	0.0022333	(509.70)	(531.86)
380200-Services - Plastic & Copper	800153	N Budd Park CI Grid Repl Phase 1B	F0599	201805	(19,726.12)	11.5	0.0022333	(506.63)	(528.66)
380200-Services - Plastic & Copper	800092	Inst 4644F 2P Belton Ph	F0604	201805	(16,730.69)	11.5	0.0022333	(429.70)	(448.38)
380200-Services - Plastic & Copper	800439	KC-39th & State Line Cast Iron PhB	F0599	201805	(15,241.60)	11.5	0.0022333	(391.45)	(408.47)
380200-Services - Plastic & Copper	800130	Repl w/ 6463F 2-4P Belton Ph 2B	F0604	201805	(15,001.12)	11.5	0.0022333	(385.28)	(402.03)
380200-Services - Plastic & Copper	800414	Repl w/ 7387 2-4P Pleasant Hill Ph7	F0572	201805	(14,903.07)	11.5	0.0022333	(381.44)	(406.81)
380200-Services - Plastic & Copper	801193	Repl 6790F 2-4P Carthage Area Ph 1A	F0572	201805	(14,163.69)	11.5	0.0022333	(363.77)	(379.59)
380200-Services - Plastic & Copper	801125	Repl 3065F 2-4P 16th & Bird	F0572	201805	(11,887.10)	11.5	0.0022333	(305.30)	(318.57)
380200-Services - Plastic & Copper	800338	Repl w/ 4888F 2-8P St Joe Grid Ph 2C	F0599	201805	(11,729.41)	11.5	0.0022333	(301.25)	(314.35)
380200-Services - Plastic & Copper	801136	Reloc 1187F 4P 27th - 22nd Phase 2	F066						

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Retirements Oct17 - Jun18
 Appendix B - Schedule 2

Plant Account	Work Order	Work Order Description	Funding Project	Retirement Month	Retirement Amount	Months	Depr Mo Rate	Accum Depr	Depr Expenses
380200-Services - Plastic & Copper	800967	Reloc 7913F 2-4P Wornall & 85th Ph5	F0547	201806	(19,639.96)	10.5	0.0022333	(460.56)	(526.35)
380200-Services - Plastic & Copper	800264	Repl w/ 6503F 2P Webb City Ph2C	F0572	201806	(19,452.59)	10.5	0.0022333	(456.16)	(521.33)
380200-Services - Plastic & Copper	800148	Repl w/ 3259F 2P Hwy 71&Gregory PHH	F0599	201806	(19,235.90)	10.5	0.0022333	(451.08)	(515.52)
380200-Services - Plastic & Copper	801376	Repl 6760F 2-4P Waverly MO Phase 1	F0604	201806	(19,055.34)	10.5	0.0022333	(446.85)	(510.68)
380200-Services - Plastic & Copper	800336	Repl w/ 3147F 4-8P St Joe's Ph2B	F0599	201806	(17,791.67)	10.5	0.0022333	(417.21)	(476.82)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	201806	(17,041.06)	10.5	0.0022333	(399.61)	(456.70)
380200-Services - Plastic & Copper	801057	Repl w/ 8235F 2-6P Neosho C-001	F0572	201806	(16,880.83)	10.5	0.0022333	(395.85)	(452.41)
380200-Services - Plastic & Copper	800335	St. Joe's South Grid Phase 2A - MGE	F0599	201806	(14,089.08)	10.5	0.0022333	(330.39)	(377.59)
380200-Services - Plastic & Copper	800301	Repl w/ 10454F 2-4P Republic Ph1	F0572	201806	(12,442.42)	10.5	0.0022333	(291.77)	(333.46)
380200-Services - Plastic & Copper	800412	Repl w/ 5734F 2-4P Purcell 1B	F0572	201806	(12,430.87)	10.5	0.0022333	(291.50)	(333.15)
380200-Services - Plastic & Copper	800263	Repl w/ 1375F 2P Webb City Ph2B	F0572	201806	(11,186.37)	10.5	0.0022333	(262.32)	(299.79)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201806	(10,889.98)	10.5	0.0022333	(255.37)	(291.85)
380200-Services - Plastic & Copper	800150	Repl w/ 4743F 2-6P 71 & Gregory Ph J	F0599	201806	(9,988.66)	10.5	0.0022333	(234.23)	(267.70)
380200-Services - Plastic & Copper	800262	Webb City Phase 2A Grid Bare ST Rep	F0572	201806	(9,781.47)	10.5	0.0022333	(229.38)	(262.14)
380200-Services - Plastic & Copper	801284	Repl 5625F 2-4P Elliot & Hwy K	F0572	201806	(9,173.28)	10.5	0.0022333	(215.11)	(245.84)
380200-Services - Plastic & Copper	800480	Repl 9430F 2-4P Pleasant Hill Ph 8	F0604	201806	(8,596.34)	10.5	0.0022333	(201.58)	(230.38)
380200-Services - Plastic & Copper	801365	Repl 3365F 2-4P Emma 1B - Miller	F0604	201806	(7,387.33)	10.5	0.0022333	(173.23)	(197.98)
380200-Services - Plastic & Copper	800855	Repl 8660F 2-4P Carrolton Grid Ph L	F0604	201806	(6,941.11)	10.5	0.0022333	(162.77)	(186.02)
380200-Services - Plastic & Copper	800856	Repl 3494F 2P Carrolton Grid Ph K	F0604	201806	(6,189.80)	10.5	0.0022333	(145.15)	(165.89)
380200-Services - Plastic & Copper	801709	Repl 1430F 4P 56th - Indiana/Kansas	F0599	201806	(5,496.36)	10.5	0.0022333	(128.89)	(147.30)
380200-Services - Plastic & Copper	801224	Repl 1282F 2P 61st & Indiana	F0599	201806	(3,128.92)	10.5	0.0022333	(73.37)	(83.85)
380200-Services - Plastic & Copper	800097	Repl w/ 1385F 2P Belton Ph1F	F0604	201806	(2,169.53)	10.5	0.0022333	(50.88)	(58.15)
380200-Services - Plastic & Copper	800864	Repl w/ 3915F 2-4-6P 75th St RT 350	F0604	201806	(1,885.30)	10.5	0.0022333	(44.21)	(50.53)
380200-Services - Plastic & Copper	801703	Repl 1440F 2P E 36th St & Sterling	F0604	201806	(1,619.99)	10.5	0.0022333	(37.99)	(43.42)
380200-Services - Plastic & Copper	801293	Reloc 1324F 6P 32nd St Central City	F0664	201806	(1,409.20)	10.5	0.0022333	(33.05)	(37.77)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ Pls (SW Reg)	F0659	201806	(506.43)	10.5	0.0022333	(11.88)	(13.57)
380200-Services - Plastic & Copper	800449	Repl w/ 930F 2P Kiger N of Rt 24	F0604	201806	(429.51)	10.5	0.0022333	(10.07)	(11.51)
380200-Services - Plastic & Copper	801827	Repl 649F 2-4P Highgrove and 10th	F0599	201806	(242.43)	10.5	0.0022333	(5.68)	(6.50)
380200-Services - Plastic & Copper	801602	Repl 30F 8P Topping & Smart AOR	F0599	201806	(71.37)	10.5	0.0022333	(1.67)	(1.91)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	201806	(41.96)	10.5	0.0022333	(0.98)	(1.12)
Total Retirements - Services - Plastic and Copper					(2,758,217.14)			(79,144.95)	(73,920.03)
378000-Meas & Reg Station Equipment	009278	Relocate DRS 103	F0547	201803	(1,098.82)	13.5	0.002383	(35.35)	(31.43)
378000-Meas & Reg Station Equipment	012007	Ret reg stn - 4th & Jefferson #3	F1191	201711	(3,523.50)	17.5	0.002383	(146.96)	(100.77)
378000-Meas & Reg Station Equipment	014655	Ret reg stn - S Ely/W Lincoln #15	F1191	201712	(5,383.86)	16.5	0.002383	(211.72)	(153.98)
378000-Meas & Reg Station Equipment	012005	Ret reg stn - Main & Burlington #6	F1191	201712	(3,547.59)	16.5	0.002383	(139.51)	(101.46)
378000-Meas & Reg Station Equipment	012000	Ret reg stn - 6th & Main #8	F1191	201712	(2,875.58)	16.5	0.002383	(113.08)	(82.24)
378000-Meas & Reg Station Equipment	012003	Ret reg stn - Benton/Heidel & Ely#4	F1191	201804	(2,566.28)	12.5	0.002383	(76.45)	(73.40)
378000-Meas & Reg Station Equipment	012152	Aband reg stn-Pleasant&Gudgell #139	F1191	201804	(18,036.17)	12.5	0.002383	(537.33)	(515.83)
Total Meas & Reg Station Equipment - Retirements					(37,031.80)			(1,260.40)	(1,059.11)
TOTAL					(5,304,438.04)			(131,874.26)	(121,867.15)

(3,346,785.85)

Spire Missouri West
 ISRS - Case # GO-2019-0116
 West Summary Data
 Appendix B - Schedule 3

Project	WO Number	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
800028	14409735	WO# 14409735 Liberty Header - Phase 3 - IUI	4	\$180,656.56	\$179,834.89	0.45%	New main installed at IP. Header main installed. No Plastic main abandoned. 1 PL service abandoned due to inactivity. 1 PL service was replaced when it could have been tied over.
800039	14411937	Pickett Rd and 29th St - Main Replacement - MGE	1	\$1,862,832.15	\$1,862,029.43	0.04%	1 service replaced was plastic
800041	14413284	Liberty Header - Phase 4 - IUI	2	\$210,841.48	\$201,566.98	4.40%	366 ft of PL main near south Main Street abandoned with steel main and was replaced by 215 ft of PL main. 46 ft of PL main abandoned on S Prairie Street and replaced by 46 ft of PL main. 92 feet of PL main abandoned on East Mill street.
800044	14414583	Liberty Header - Phase 5 - IUI	2	\$303,349.63	\$286,930.96	5.41%	2" PL main was replaced along S Fairfield Ave and replaced with 4" PL main to improve flow in this area. Plastic caps were used to cap abandoned steel by leaving some plastic attached to steel.
800045	14414599	Liberty - Grid Phase A - IUI	2	\$718,265.96	\$711,731.06	0.91%	Plastic main was abandoned in a few areas and replaced by new main to avoid leak testing these segments and tying them into the new systems that were being installed.
800046	14414615	Liberty - Grid Phase B - IUI	2	\$259,354.28	\$262,402.14	-1.18%	Abandoned plastic was tied into the new systems and tested if needed. Two segments needed to be air tested for scenario two.
800069	14442560	Tipton Grid Phase C - Bare steel repl - Miller	2	\$417,057.41	\$419,431.18	-0.57%	Plastic main abandoned between 50 Hwy and Center St off of High St due to that main segment not serving any services. Plastic service abandonment footage from 5 replacements and 1 abandonment.
800070	14442672	Tipton Grid Phase D - Bare Steel Replacement - Miller	1	\$205,069.81	\$205,069.81	0.00%	1 PL service abandoned due to not being active.
800072	14442684	Tipton Grid Phase B - Bare steel repl - Miller	3	\$921,825.17	\$1,149,956.82	-24.75%	*** Incorrect Abandonment footages. Existing Main MP, New main installed at IP. 4 Service were replaced when they could have been tied over. Upgrade 208' of 2" PL Main. 40' of main abandoned due to inactivity. Uprate 779' of PL Main.
800073	14442723	Tipton Grid Phase F - Bare steel repl - Miller	2	\$1,303,261.39	\$1,296,359.41	0.53%	Plastic main abandoned on Randolph St due to construction convenience. Plastic main abandoned on Gravois Ave and at 613 Ohio St due to those mains not serving any services. Those mains left abandoned in Scenario 2. Plastic service abandonment footage from 11 abandonments.
800075	14443027	Tipton Grid Phase E - Bare steel repl - Miller	2	\$688,017.48	\$672,883.01	2.20%	Plastic main abandoned on N Auglaize Ave due to construction convenience. Plastic main abandoned on Howard St because it did not serve any services. Plastic service abandonment footage from 10 service abandonments. Plastic main on Howard St left abandoned in Scenario 2.
800076	14443082	Tipton Grid Phase G (8", FP AB & Uprate) - Miller	1	\$587,197.46	\$587,460.15	-0.04%	Plastic Service renewed since additional plastic would have to be installed to reach service. In scenario 2 installed 24' of 2" PL so service could be transferred.
800083	14450021	Holden Grid Phase 2I - IUI	3	\$600,471.41	\$595,405.33	0.84%	Small pieces abandoned due to no active services
800091	14451180	FY16 Strategic Grid MGE - Belton Phase 1A - IUI	3	\$303,029.60	\$292,152.10	3.59%	Main abandoned rather than leak survey and utilize
800092	14451215	FY16 Strategic Grid MGE - Belton Phase 1B - IUI	2	\$410,766.96	\$417,523.05	-1.64%	Tie into and uprate 36' of 2" PL LP main and 46' of 4" PL LP Main.
800093	14451227	FY17 Strategic Grid MGE - Belton Phase 1C - IUI	3	\$448,424.27	\$445,856.92	0.57%	Main abandoned rather than leak survey and utilize
800097	14451270	FY16 Strategic Grid MGE - Belton Phase 1F - IUI	2	\$109,935.95	\$110,654.84	-0.65%	Move cap to save 11' of PL main
800100	14451077	Kingsville BST Grid Repl Phase 2 - IUI	2	\$462,539.97	\$466,690.80	-0.90%	Tie into and uprate existing 122' of 2" PL MP Main to utilize all existing PL Main and remove 2 service replacements. Tie into and uprate 288' of 2" PL Main using 2- 2x2" Tap Tees and 4- 2" PL Caps.
800112	14471154	Liberty - Grid Phase C - IUI	2	\$287,671.48	\$289,541.05	-0.65%	Move 2" PL Cap 100' east on Doniphan St and leak survey it with the 510' of 2" that they tested in this phase to the west instead of capping and abandoning it. 11' of 4" PL abandoned on Lightburne St at no additional cost no services.
800121	14474614	Liberty - Grid Phase D - IUI	2	\$150,830.48	\$145,375.22	3.62%	593ft of PL is recoverable but requires air test if it would not be abandoned. Abandon main would be air tested and tied into the new system. 61ft will remain abandoned in association with tie overs.
800122	14474617	Liberty - Grid Phase E - IUI	2	\$427,994.34	\$425,083.97	0.68%	PI abandoned for convenience or it was not going to be utilized in the new system.
800123	14474633	Liberty - Grid Phase F-- IUI	2	\$289,563.16	\$281,680.77	2.72%	Segments of PL main were abandoned with steel mains or were no longer needed in a system. To keep the mains, they would need to be tied into the new mains. A few of the existing mains would need to be leak tested and go from MP to IP. Others were IP and could be tied in directly.
800124	14474649	Liberty - Grid Phase G - IUI	2	\$247,683.30	\$248,813.18	-0.46%	Segments were abandoned for ease of construction.
800125	14474653	Liberty - Grid Phase H - IUI	2	\$149,487.81	\$149,318.65	0.11%	PI abandoned to avoid air testing and for ease of construction. Some PL abandoned due to main not being used any more.
800126	14474664	Liberty - Grid Phase I - IUI	2	\$310,612.57	\$312,335.90	-0.55%	PL Main along Hillside Ave will remain abandoned. It is not needed in the LP system anymore. Main along Fairview will need to be tied into and uprated from LP to IP. An air test will be needed. End cap placed near intersection of East Mill and Liberty Drive will be moved further west to utilize existing pipe. 22 feet of pipe will remain abandoned due to tie ins.
800127	14474665	FY16 Strategic Grid MGE - Belton Phase 2A - IUI	2	\$760,879.81	\$760,423.10	0.06%	Tie into 44' of 2" PL IP Main to utilize plastic. Move cap to save 10' of 2" PL
800128	14474680	Liberty - Grid Phase J - IUI	2	\$137,393.33	\$138,224.86	-0.61%	265ft will remain abandoned as system is no longer needed. 954ft will be air tested and uprated. 72ft can be incorporated as is. 88ft will remain abandoned in association with tie overs. Caps were moved to incorporate abandon pipe into the system to bring down abandonment amount, but serve no purpose in the system.
800130	14474710	FY16 Strategic Grid MGE - Belton Phase 2B - IUI	2	\$549,604.58	\$549,326.27	0.05%	Existing Main IP, New main installed at IP. 4 Services were replaced when they should have been tied over. 122' of PL main could have been utilized by moving the tie ins. 211' of PL main could have been tied into instead of abandoned.
800131	14474722	FY16 Strategic Grid MGE - Belton Phase 2C- IUI	3	\$758,386.58	\$749,971.23	1.11%	Main abandoned rather than leak survey and utilize
800132	14474725	FY16 Strategic Grid MGE - Belton Phase 2D - IUI	2	\$344,395.02	\$339,867.80	1.31%	Existing Main IP, New main installed at IP. 1 Service renewal should have been a service tie over. 46' of PL main could have been utilized by moving the tie in or the caps. Tie into 189' of 2" PL Main and remove 2 service tie overs to utilize all existing PL Main.
800133	14474777	Liberty - Grid Phase K - IUI	2	\$430,030.50	\$423,604.33	1.49%	Many segments of PI were abandoned to avoid air testing. A 500ft segment had no services on it and was abandoned at no cost.
800136	14475073	St. Joe's South Phase 1B - MGE	1	\$267,261.84	\$267,261.84	0.00%	Child wo report shows abandoned plastic on an upgraded service, the plastic was previously abandoned prior to this work order.
800137	14475077	St. Joe's South Phase 1C - MGE	2	\$667,680.55	\$668,350.92	-0.10%	Abandoned 4" PL main at intersection of Belding & S Hwy 752. AsBuilt PL Abandonment footage was 127 ft, corrected to 21 ft.* Plastic main abandoned at intersection of Belding and Hyde Park due to construction convenience of tie-in. Plastic service abandonment footage from 2 abandonments and from 4 replacements.
800138	14475084	St. Joe's South Phase 1D - MGE	2	\$108,940.75	\$110,531.26	-1.46%	Plastic abandoned on 3rd St due to construction convenience. Plastic service abandonment footage from 1 replacement and 1 abandonment.

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800142	14482927	Hwy 71 and Gregory Grid Replacement Phase B - IUI	2	\$596,665.96	\$601,223.12	-0.76%	A 6ft segment of PL main was abandoned with cast iron. An elbow would need to be inseted on the souther end to turn the new main towards the existing PL. It would then need to be tied into the PL segment. There is an existing fitting there and two caps will be needed to abandon cast iron north of the existing PL segment. A 4ft segment of PL will need to be ne installed and reduced to 4", an elbow will be needed to inserted to turn the pipe north and tied into the new main being installed.
800143	14482958	Hwy 71 and Gregory Grid Replacement Phase C - IUI	2	\$319,225.39	\$319,250.39	-0.01%	The 13ft segment of PL main will need to be leak tested and uprated from LP to IP.
800144	14482987	Hwy 71 and Gregory Grid Replacement Phase D - IUI	2	\$190,212.76	\$193,406.25	-1.68%	A segment of PL main will need to be installed to reach the existing plastic. The segment will need hot taps on both ends and a 4x90 elbow to tuen the existing PL main north
800145	14485444	Hwy 71 and Gregory Grid Replacement Phase E - IUI	2	\$408,128.23	\$397,525.06	2.60%	2 segments of PL main were abandoned with cast Iron. Both will need to have a hot tie in to the new main. One will need a leak survey and the other will need to be disconnected and air tested before it is intigrated into o the new system.
800146	14485446	Hwy 71 and Gregory Grid Replacement Phase F - IUI	1	\$522,713.87	\$522,713.87	0.00%	1 service that was marked as tie-over should have been a renewal.
800147	14485447	Hwy 71 and Gregory Grid Replacement Phase G - IUI	2	\$980,485.82	\$979,975.13	0.05%	Two segments of PL main were abandoned. They need to be leak tested along with the services on them and tied into the new PL system.
800148	14485461	Hwy 71 and Gregory Grid Replacement Phase H - IUI	1	\$370,948.27	\$368,633.74	0.62%	3 service replaced were plastic
800149	14485484	Hwy 71 and Gregory Grid Replacement Phase I - IUI	2	\$494,947.75	\$488,404.75	1.32%	308ft segment was abandoned to avoid air test and cutting off service to 15 customers for severnal hours. 139ft of PL was abandoned to avoid an air test as well.
800150	14485486	Hwy 71 and Gregory Grid Replacement Phase J - IUI	2	\$343,933.90	\$335,021.40	2.59%	A 159ft segment of 4" LP main was abandoned with cast iron. This main will need to be tied into the new 6" main being installed. It will then need to be uprated and leak surveyed along with the three services on it. The other 3ft of abandonment was in association with a transition fitting.
800151	14485491	Hwy 71 and Gregory Grid Replacement Phase K - IUI	2	\$751,183.09	\$746,673.20	0.60%	2 segments of PL main were abandoned inbetween cast iron. These segments need to be tied into the new system and have reducers installed on them. A leak test will also need to be preformed for both segments. Service on these segments will need to be uprated. A 2ft segment of PL was abandoned and capped. move the cap to incorporate PL back into system.
800152	14486825	N Budd Park CI Grid Repl Phase 1A - IUI	1	\$777,148.01	\$772,518.93	0.60%	6 of the replaced services were plastic
800153	14486996	N Budd Park CI Grid Repl Phase 1B - IUI	1	\$416,009.96	\$410,609.38	1.30%	7 of the replaced services were plastic
800154	14487012	N Budd Park CI Grid Repl Phase 1C - IUI	2	\$757,331.60	\$755,834.80	0.20%	Plastic main abandoned on Denver Ave due to construction convenience. Plastic service abandonment footage from 1 abandonment and 20 replacements. Of the replacements, 13 were replacements of all plastic services, changed to tie-overs in scenario 2. One service tie-over changed to an uprate when existing plastic was utilized.
800155	14487034	N Budd Park CI Grid Repl Phase 1D - IUI	1	\$697,715.49	\$676,884.67	2.99%	27 of the replaced services were plastic
800156	14487102	N Budd Park CI Grid Repl Phase 1E - IUI	2	\$663,978.35	\$668,413.54	-0.67%	Plastic main abandoned on Saida Ave due to construction convenience. Plastic service abandonment footage from 6 abandonments and 37 replacements. Of the service replacements, 6 were replacements of all plastic.
800157	14487162	N Budd Park CI Grid Repl Phase 1F - IUI	1	\$641,078.07	\$633,362.95	1.20%	10 less service replaced in scenario 2
800158	14487176	N Budd Park CI Grid Repl Phase 1G - IUI	1	\$940,727.75	\$928,381.92	1.31%	Changed over 16 services from replacements to tie overs
800159	14487227	N Budd Park CI Grid Repl Phase 1H - IUI	2	\$718,894.00	\$720,438.14	-0.21%	Plastic main abandoned on Norledge Ave and Belmont Blvd due to construction convenience. Plastic service abandonment footage from 40 service renewals and 22 service abandonments. Of the service replacements, 3 replaced all plastic and were changed to tie-overs in scenario 2. Service listed as tie-over at 405 N Wheeling Ave was actually an abandonment.
800163	14475710	Webb City Phase 1D Grid Bare ST Replacement - IUI - Stroud	2	\$845,370.56	\$836,129.76	1.09%	Main abandoned and replaced rather than leak survey and utilize
800224	14553730	Hwy. 291 Replacement Missouri River Crossing - North IUI	1	\$2,074,285.52	\$2,072,809.95	0.07%	Changed over 2 services from replacement to tie over
800230	14556318	5227 Norton CI Replacement - IUI	2	\$712,070.91	\$714,017.71	-0.27%	A segment will be abandoned at no cost as there were no services active and it was at the end of a Cast Iron segment. The 5ft segment will need to be leak tested and increased to IP. The caps will also need to be moved closer to the Steel main. The last segment will need to be tied on both ends and have an extra cap added to the segment that branches off its side. This segment will need to be leak tested.
800256	14584914	Pleasant Hill Main Replacement Phase 3 - IUI	2	\$883,897.05	\$931,509.16	-5.39%	Plastic main abandoned on Cedar St and Patterson St due to construction convenience. Plastic main abandoned on Locust St in order to separate pressure systems before tying in and upgrading. Plastic service abandonment footage from 9 abandonments and 7 replacements. Of the service replacements, 6 were plastic services that were changed to tie-overs in scenario 2.
800257	14584918	Pleasant Hill Main Replacement Phase 4 - IUI	2	\$647,248.87	\$618,434.19	4.45%	Plastic main abandoned on Olive St, N. Harrison St, and Independence Ave due to construction convenience. Plastic service abandonment footage from 10 abandonments and 6 replacements.
800258	14586733	Pleasant Hill Main Replacement Phase 5 - IUI	2	\$923,937.84	\$909,083.79	1.61%	Plastic main abandoned on Broadway (Pine) St, Independence St, Hillside Dr, Walker St, and Benton St, and Chappell St due to construction convenience. In scenario 2, 6 ft of plastic main north of Broadway left abandoned due to being outside the scope of the work order install. 10 ft of plastic main abandoned between Walker and Chappell on Broadway, left abandoned in scenario 2 because it runs perpendicular to desired main direction. Same situaion with 9 ft of 2" PL main on Chappell. Plastic service abandonment footage from 9 abandonments and 1 replacement.
800259	14586881	Pleasant Hill Main Replacement Phase 6 - IUI	2	\$732,438.29	\$715,724.60	2.28%	Plastic main abandoned on Baltimore St, Hillcrest St, Lexington Rd, Maple Ln, Delaware St, Myrtle St, and Walker St due to construction convenience. Plastic service abandonment footage from 6 replacements and 2 abandonments.
800260	14586737	Clarksburg Grid Phase A - Miller	3	\$355,219.36	\$345,224.58	2.81%	Main should have been leak surveyed and utilized
800261	14587227	Clarksburg Grid Phase B - Miller	2	\$194,529.66	\$194,529.66	0.00%	100' of PL Main abandoned due to inactivity
800262	14584775	Webb City Phase 2A Grid Bare ST Replacement - IUI - Stroud	3	\$330,017.71	\$327,810.09	0.67%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
800263	14584803	Webb City Phase 2B Grid Bare ST Replacement - IUI	2	\$275,803.00	\$275,803.00	0.00%	Tie-ins moved to utilize all PL would not change cost.
800264	14584901	Webb City Phase 2C Grid Bare ST Replacement - IUI	3	\$656,606.46	\$656,463.18	0.02%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
800265	14584908	Webb City Phase 2D Grid Bare ST Replacement - IUI - Stroud	2	\$355,724.82	\$358,266.09	-0.71%	Main abandoned and replaced rather than leak survey and utilize
800274	14590966	Carrollton Grid Main Replacement Phase A - Miller	3	\$735,116.15	\$735,733.16	-0.08%	Main abandoned due to inactivity, remaining main had several tie-ins to use small piece
800275	14591880	Carrollton Grid Main Replacement Phase B - Miller	2	\$419,082.32	\$410,961.91	1.94%	Avoided additional tie-in holes.
800276	14591901	Carrollton Grid Main Replacement Phase C - Miller	2	\$365,375.98	\$367,481.65	-0.58%	Avoided additional tie-in holes. Tie-ins and caps abandoned plastic due to ease of construction.
800277	14591914	Carrollton Grid Main Replacement Phase D - Miller	2	\$936,367.06	\$945,388.30	-0.94%	Avoided additional tie-in holes and leak surveying main.
800278	14591934	Carrollton Grid Main Replacement Phase E - Miller	1	\$438,917.48	\$434,790.94	0.94%	Changed over 3 Services from Replacements to Tie Overs
800279	14591936	Carrollton Grid Main Replacement Phase F - Miller	2	\$920,889.35	\$907,304.74	1.48%	Tie-ins abandon plastic due to ease of construction. Avoided upgrade to have less tie in holes and no need to leak survey.

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800280	14584910	Webb City Phase 2E Grid Bare ST Replacement - IUI - Stroud	2	\$543,655.21	\$546,264.27	-0.48%	Main abandoned and replaced rather than leak survey and utilize
800281	14584915	Webb City Phase 2F Grid Bare ST Replacement - IUI - Stroud	2	\$371,553.29	\$374,544.19	-0.80%	Main abandoned and replaced rather than leak survey and utilize
800282	14584917	Webb City Phase 2G Grid Bare ST Replacement - IUI - Stroud	3	\$538,264.08	\$533,962.38	0.80%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
800283	14584921	Webb City Phase 2H Grid Bare ST Replacement - IUI - Nease	2	\$1,744,062.23	\$1,744,824.06	-0.04%	Main abandoned and replaced rather than leak survey and utilize
800284	14592203	Carrollton Grid Main Replacement Phase G	2	\$748,114.30	\$751,161.07	-0.41%	PL abandoned at no cost.
800285	14592416	Carrollton Grid Main Replacement Phase H - Miller	2	\$414,000.94	\$410,675.88	0.80%	Tie-ins abandon plastic due to ease of construction. Avoided tying into small segment for ease of construction.
800286	14592466	Carrollton Grid Main Replacement Phase I - Miller	2	\$1,113,606.92	\$1,112,055.94	0.14%	PL was abandoned for ease of construction.
800290	14599416	Rt 24 & Sterling Bare Main - IUI	3	\$426,071.19	\$413,240.60	3.01%	PL main could have been upgraded/uprated instead of abandoned.
800301	14590502	Republic Strategic Grid Phase 1 - MGE	2	\$1,363,938.83	\$1,343,429.19	1.50%	Plastic main abandoned due to construction convenience on Wilson St, Main Ave, Walnut St, Wade St, College Ave, S HWY 174, Hines St, and Summit St. Plastic service abandonment footage a from 3 service abandonments and 1 renewal.
800335	14665719	St. Joe's South Grid Phase 2A - MGE	3	\$1,570,267.43	\$1,560,441.44	0.63%	Main replaced with 6" for flow
800336	14665736	St. Joe's South Grid Phase 2B - MGE	3	\$390,464.71	\$370,566.03	5.10%	Main abandoned rather than leak survey and utilize
800338	14665808	St. Joe's South Grid Phase 2C - MGE	2	\$1,181,181.54	\$1,186,083.38	-0.41%	Plastic main abandoned due to construction convenience on Valley St, Grant St, Rhudy St, and Washington St. Plastic service abandonment footage from 10 service abandonments and 6 service replacements.
800340	14665811	St. Joe's South Grid Phase 2D - MGE	3	\$1,650,911.13	\$1,654,376.35	-0.21%	Main abandoned rather than leak survey and utilize
800341	14665824	St. Joe's South Grid Phase 2E - MGE	2	\$652,329.38	\$655,343.84	-0.46%	Plastic main abandoned on Cliff St, Block St, Bingwanger St, and Mack St due to construction convenience. 196 ft of 2" PL main abandoned on Grant St because the main had no services connected to it (left abandoned in Scenario 2). Plastic service abandonment footage from 9 service abandonments and 1 replacement.
800342	14665837	St. Joe's South Grid Phase 2F - MGE	2	\$356,030.98	\$351,343.28	1.32%	Plastic main abandoned on Ridgeway Ave due to construction convenience. Plastic service abandonment footage from tie-overs, 3 replacements, and 1 abandonment. Scenario 2, tied into and upgraded 173 ft of 2" PL main on Ridgeway Ave.
800385	14771978	22nd & 23rd St-Wabash-MGE	2	\$1,038,302.29	\$1,038,302.29	0.00%	No additional cost with 70' of abandonments at multiple tie-in points. 20 inactive PL services abandoned with old main at no cost
800390	14696774	BST replacement HWY 60 to Pine - MGE	1	\$102,329.99	\$102,329.99	0.00%	All services have already been estimated as tie-overs
800405	14813871	BST Replacement between 16th and 17th at Roosevelt - MGE	1	\$100,308.36	\$100,308.36	0.00%	service that was replaced/renewed would stay as replaced because only abandoned steel. Pre-existing plastic was utilized.
800406	14815162	BST Replacement 2nd and McCoy St due to CP15-068 - MGE	2	\$40,459.56	\$40,278.03	0.45%	10ft of PL was abandoned with a steel main and a new PL main replaced it. To connect into the new main a 9ft segment must be constructed to get to the existing main
800412	14846283	Purcell Bare Steel Main Replacement Phase 1B - IUI	2	\$594,410.56	\$582,376.86	2.02%	Continued bores to avoid tie in holes and uprating plastic.
800414	14846308	Pleasant Hill Main Replacement Phase 7 - IUI	3	\$335,544.14	\$313,183.92	6.66%	Large amounts of IP plastic main replaced
800431	14906714	Target Marlborough West Phase 1 - IUI	2	\$410,382.19	\$409,375.83	0.25%	Plastic main abandoned on E 84th Ter and Tracy Ave due to construction convenience. Plastic service abandonment footage from 2 replacements and 9 abandonments. The 2 service replacements replaced plastic services.
800432	14906760	Target Marlborough West Phase 2 - IUI	2	\$1,188,850.02	\$1,190,933.49	-0.18%	Plastic main abandoned on Wayne Ave, 81st St, and Highland Ave due to construction convenience. Plastic service abandonment footage from 4 replacements and 6 abandonments.
800435	14916409	TC Lea & Kiger - IUI	2	\$825,322.04	\$805,000.20	2.46%	Plastic main abandoned on TC Lea Rd, Frandsen St, and Truman Rd due to construction convenience. Plastic service abandonment footage from 2 replacements and 1 abandonment.
800439	14954930	KC-39th & State Line Road Cast Iron Replacement Phase B	2	\$1,374,185.43	\$1,378,021.63	-0.28%	Tie into and upgrade 21' of PL LP Main to utilize existing PL. 14' of PL IP Main could also be tied into to utilize all existing PL main. PL was abandoned due to separating pressure systems. Caps could be moved to utilize all existing PL main.
800440	14954983	KC-39th & State Line Road Cast Iron Replacement Phase C	1	\$1,406,231.00	\$1,400,881.97	0.38%	1 PL service abandoned due to not being active.
800441	14954997	KC-39th & State Line Road Cast Iron Replacement Phase A	2	\$1,244,783.35	\$1,245,784.60	-0.08%	Abandon 156' of PL main due to inactivity. Tie into and uprate existing 100' of 4" PL LP Main.
800444	14972619	Liberty ST S of 23rd St - Phase 1 - IUI	3	\$440,379.23	\$440,379.23	0.00%	Abandoned due to no active services
800449	14977951	Kiger N of Rt 24 - MGE	1	\$57,678.65	\$57,678.65	0.00%	service that was replaced/renewed would stay as replaced because only abandoned steel. Pre-existing plastic was utilized.
800463	14980493	16in PBS Main Replacement - 13th and Virginia - Lambert	2	\$317,877.69	\$317,877.69	0.00%	No additional cost with 10' of abandonments at tie in points
800474	14984215	Replacement due to CP15-059 at 1201 Schiff. - IUI - Merl	2	\$288,655.69	\$297,226.41	-2.97%	Several small segments of PL were abandoned with steel. To save these segments they would need to be separated from the steel and tied into the new mains. In one situation new segments of pipe must be constructed to reach existing PL and the new main installed must be moved to the east side of the street.
800475	14984587	Replacement due to CP15-073 Park and Jackson - IUI - Alcorn	2	\$441,314.26	\$443,666.63	-0.53%	To incorporate abandoned pipe into the system. The new mains need to be turned and tied to include the abandoned segments. Then then segments need to be installed and turn the main to continue on with its intended direction.
800480	14990121	Pleasant Hill Main Replacement Phase 8 - IUI	2	\$664,400.34	\$661,936.11	0.37%	Plastic main abandoned on Mathes St due to construction convenience, was not upgraded upon tie-in. Plastic service abandonment footage from 1 abandonment and 8 replacements. In scenario 2, 2 of the service replacements were changed to tie-overs due to being completely plastic.
800489	15021322	East Downtown Phase 1 Bare Main Repl - IUI	2	\$506,448.34	\$474,575.37	6.29%	Plastic main abandoned along Browning Ave and Corder Ave due to construction convenience. Plastic service abandonment footage from 1 service abandonment and 2 replacements. Replacements were of plastic services so were changed to tie-overs in scenario 2.
800491	15003423	Harris S of Sheley Repl - MGE	2	\$997,598.08	\$999,291.92	-0.17%	For ease of construction some areas of pipe were abandoned and were not tied into and received leak surveys.
800493	15026129	St Louis St S of 9th St - MGE	1	\$14,632.21	\$14,632.21	0.00%	The 3 services were already given cost as tie-overs.
800496	15026962	63rd & 55th Street - Phase 1A - SPIRE, LUCITO / WINCHEL	1	\$1,550,097.34	\$1,539,754.32	0.67%	Changed over 30 services from renewals over to tie-overs
800497	15027002	63rd & 55th Street - Phase 1B - SPIRE, LUCITO / WINCHEL / STREET	1	\$1,330,499.96	\$1,330,499.96	0.00%	No plastic main abandoned with this work order. Plastic service abandonment footage from 32 replacements and 1 abandonment. All service replacements replaced steel pipe, no change between estimates.
800498	15027047	63rd & 55th Street - Phase 1C - SPIRE, LUCITO / WINCHEL / STREET	2	\$942,334.55	\$945,003.00	-0.28%	Tie into and upgrade existing 6" PL LP main to save 80' of PL main instead of abandoning it.
800499	15027069	63rd & 55th Street - Phase 1D - SPIRE, LUCITO / WINCHEL / STREET	2	\$912,346.15	\$913,309.21	-0.11%	Move cap to utilize 11' of PL MP Main.
800500	15027071	63rd & 55th Street - Phase 1E - SPIRE, LUCITO / WINCHEL / STREET-GPS	2	\$1,028,300.68	\$1,031,983.72	-0.36%	Tie into and upgrade existing 20' of 4" PL LP Main to utilize all available PL Main.

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800501	15027083	63rd & 55th Street - Phase 1F - SPIRE, LUCITO / WINCHEL / STREET-GPS	1	\$908,140.60	\$905,728.32	0.27%	Changed over 7 services from Replace to Tie-Overs
800502	15027093	63rd & 55th Street - Phase 1G - SPIRE, LUCITO / WINCHEL / STREET-GPS	2	\$1,072,639.73	\$1,079,993.34	-0.69%	Uprate 33 ft of 4" PL LP Main to avoid abandoning PL Main.
800542	15063841	Blue Ridge - Hardy to Sterling - IUI	2	\$1,089,430.59	\$1,065,999.26	2.15%	15 PL service replacements could have been service tie-overs. Install 300' of 2" PL Main to tie into 87' of 2" PL IP Main and remove 1 service tie over. 17' of PL main was abandoned at no cost. Tie into existing 57' of 2" PL main to remove 1 service tie over.
800551	15121906	58th and Olive - CI breaks - IUI	1	\$408,260.91	\$408,260.91	0.00%	No difference between Scenario 1 and Scenario 2
800558	15126997	Neosho C-0002 Bare Steel Replacement Grid Phase 1 - MGE - Barnes	2	\$682,252.98	\$683,942.20	-0.25%	Tie in's could have been moved to utilize all PL Main.
800566	15133957	12th & Lipper Replacement - IUI	2	\$157,343.40	\$157,343.40	0.00%	No additional cost with 23' of abandonments at tie in points
800578	15127008	Neosho C-0002 Bare Steel Replacement Grid Phase 2	3	\$781,191.46	\$760,808.12	2.61%	Uprate existing 599' 2" & 4" PL main in Alley between Main St. & Spring St. instead of abandoning it.
800584	15148821	Target Marlborough East Phase 3 Relocation - IUI	2	\$879,984.97	\$878,165.70	0.21%	Plastic main abandoned on Paseo Ave, 81st St, 79th St, 78th St, 77th Ter, 76th Ter, 76th St, 75th St, Troost Ave, Lydia Ave, and 73rd St due to construction convenience and main relocation. Since plastic main abandonment was due to relocations and incidental abandonment from tie-ins, main was not changed between estimates. Plastic service abandonment footage from 7 service renewals and 11 abandonments. Of the replacements, 2 were of all plastic services and were changed to transfers in scenario 2.
800597	15058923	Alma Strategic Grid Phase 1 - Miller	3	\$500,994.67	\$474,141.77	5.36%	PL Main abandoned due to flow restrictions. PL Main also abandoned due to inactivity.
800598	15153386	Alma Strategic Grid Phase 2 - Miller	2	\$654,636.87	\$654,185.19	0.07%	PL was abandoned for ease of constructibility.
800599	15153391	Blackburn Strategic Grid Phase 2 - Miller	2	\$385,708.27	\$376,181.94	2.47%	Tie into 194' of PL MP Main to avoid 1 service tie over & 1 service renew
800600	15153394	Blackburn Strategic Grid Phase 1 - Miller	2	450001.64	445762.71	0.94%	Existing Main MP, New main installed at MP. 1 service should have been tied over instead of replaced. Move tie in & cap to utilize existing 56' of 2" PL MP Main. Tie into existing 60' of 2" PL MP Main to utilize all PL main and avoid 2 service tie overs.
800601	14857202	Marionville Grid Phase A - MGE	2	\$252,940.58	\$253,282.66	-0.14%	56' of 2" PL IP Main was abandoned due to tie-ins. Tie in's could have been moved to utilize all PL Main. 26' of PL main was abandoned due to inactivity.
800604	14588897	4th and Rangeline Main Replacement due to CP - IUI Grover	2	\$98,774.33	\$99,941.92	-1.18%	2' of PL main abandoned. Unable to tie into to save.
800606	14767898	Replacement 33rd to 35th at Connecticut due to CP - IUI - Merl	2	\$150,911.48	\$148,943.15	1.30%	5ft of PL will remain abandoned with cut and caps. 81ft can be incorporated in but each segment must be fused with the new PL pipes.
800610	14857475	Marionville Grid Phase C - MGE	2	\$397,948.79	\$399,470.91	-0.38%	Tie in's could have been moved to utilize all PL Main.
800613	14857482	Marionville Grid Phase F - MGE	3	\$167,922.66	\$178,248.36	-6.15%	56 ft. of 2" PL IP Main was abandoned on Railroad Rd. due to inactivity. Uprate existing 225' of 2" PL LP Main. Upgrade existing 220' of 2" PL LP Main.
800616	15163519	Liberty ST S of 23rd St - Phase 2 - IUI	2	\$460,355.77	\$471,806.91	-2.49%	Several segments abandoned to avoid air testing.
800622	15181467	29th and Northern - MGE	2	\$255,443.58	\$258,695.70	-1.27%	PL abandoned for ease of constructibility and to avoid cutting off service to a customer for 8 hours to perform an air test.
800623	15182537	13th and Brooklyn - CI Graphitization - IUI	1	\$144,855.42	\$144,083.92	0.53%	1 service replaced would be changed to tie over
800626	15191342	57th and Bales - CI Breaks - IUI	2	\$1,064,189.77	\$1,064,274.64	-0.01%	Abandoned for constructibility. Hot tie into existing main and perform a leak survey.
800636	15197773	Replacement due to CP 15099 at 3rd and Rangeline - IUI - Grover	3	\$237,271.93	\$201,942.53	14.89%	IP on IP replaced for construction convenience
800654	15217618	Neosho C-001 Bare Steel Main Replacement- Phase 1B - IUI - Merl	3	\$687,735.47	\$689,766.96	-0.30%	172' of PL Main was abandoned because it was inactive. 413' of PL IP Main could have been tied into.
800658	15219927	Liberty - Grid Phase L - IUI	2	\$157,170.60	\$147,746.27	6.00%	Plastic abandoned on this phase was not replaced at the same time. Several mains were tied into and footage was abandoned in association with those tie overs. Plastic had to be leak surveyed and some areas had to air tested. (footage on West Kansas and Fairview).
800659	15220246	Liberty - Grid Phase M - IUI	2	\$825,456.98	\$824,202.71	0.15%	PL abandoned for constructibility or to avoid leak survey.
800671	15223590	Neosho C-001 Bare Steel Main Replacement- Phase 1K - IUI	2	\$783,600.87	\$779,573.58	0.51%	45' of PL Main was abandoned due to tie-ins or inactivity. 319' of PL Main could have been tied into instead of abandoned.
800672	15223592	Neosho C-001 Bare Steel Main Replacement- Phase 1L - IUI	2	\$290,611.12	\$291,608.71	-0.34%	Tie in's could have been moved to utilize all PL Main.
800690	15225858	Hwy 71 and Gregory Grid Replacement Phase L - IUI	2	\$446,897.21	\$449,265.50	-0.53%	PL abandoned for ease of constructibility
800711	14771215	Repl PBS at 13th and Hervey Joplin Due to Leakage - MGE - Smith	1	\$122,958.64	\$122,958.64	0.00%	service that was replaced/renewed would stay as replaced because only abandoned steel. Pre-existing plastic was utilized.
800720	15253429	Hwy 71 and Gregory Grid Replacement Phase M - IUI	2	\$369,170.42	\$369,531.86	-0.10%	An 18ft segment was abandoned because of ease of constructibility. It can be electrofused into the new system. For a 6ft segment the cap will need to be moved further north and a hot tie in performed on the north side of the abandoned section
800721	15253448	Hwy 71 and Gregory Grid Replacement Phase N - IUI	2	\$455,410.42	\$455,934.65	-0.12%	These sections were abandoned for constructibility convenience. These segments can be electrofused to new segments as the system is backfed. The abandoned segments are rated for IP and do not need to be air tested or leak surveyed.
800722	15253455	Hwy 71 and Gregory Grid Replacement Phase O - IUI	2	\$273,457.91	\$273,954.44	-0.18%	7ft of PL abandoned due to constructibility. Move tie in to incorporate.
800726	14771449	Repl 4in PBS at 17th and Grand Joplin due to Leakage - MGE	3	\$104,212.02	\$81,242.75	22.04%	LP on LP replaced for construction convenience
800727	15258002	31st St & Mason St - MGE	2	\$299,515.74	\$299,064.11	0.15%	Segments of PL abandoned for ease of construction.
800756	15266813	Grandview Rd and 115th - Bare Steel Replacement - IUI	2	\$106,859.19	\$106,167.46	0.65%	Segments of PL were abandoned for ease of constructibility. Can be incorporated back into system by moving tie in points. However this will require more paving.
800758	14982574	Concordia Grid Phase A - Miller	1	\$202,430.32	\$198,679.30	1.85%	Changed over 2 services from Renewal to Tie-Over
800759	14982612	Concordia Grid Phase B - Miller	2	\$759,225.73	\$752,119.00	0.94%	Tie into and upgrade existing 1 1/8" PL MP Main despite flow restrictions to avoid abandoning any PL Main
800760	14982623	Concordia Grid Phase C - Miller	2	\$922,034.00	\$903,531.38	2.01%	Existing Main IP, New main installed at IP. 29 PL services could have been tied over instead of replaced. 93' of PL main abandoned due to inactivity/no cost. Move tie in/cap to utilize existing 112' of PL Main. Uprate 96' of PL main instead of abandoning it.
800761	14982630	Concordia Grid Phase D - Miller	3	\$517,910.06	\$485,784.65	6.20%	1000' of main abandoned rather than leak surveyed and utilized
800762	14982686	Concordia Grid Phase E - Miller	2	\$532,851.08	\$534,068.91	-0.23%	Tie into and upgrade existing 173' of PL LP Main.
800763	14982696	Concordia Grid Phase F - Miller	2	\$1,073,190.46	\$1,062,395.37	1.01%	Existing Main LP, New main installed at IP. 10 Services were replaced when they could have been tied over. Move tie ins or caps to utilize 57' of PL Main. Uprate 215' of PL MP main. Tie into existing 601' of 1 1/4" PL main to remove 7 service tie overs. Tie into existing 81' of 2" PL IP Main.
800794	15308234	Dunn Park - West of Hwy 71/E. Meyers Phase 1A	4	\$1,645,635.65	\$1,645,635.65	0.00%	Header main - No cost with small amount of plastic service abandonment, all transfers

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Project	WO Number	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
800795	15308247	Dunn Park - West of Hwy 71/E. Meyers Phase 1B - Miller/Magnolia	2	\$1,107,786.45	\$1,047,883.96	5.41%	9' of PL main abandoned to separate pressure systems. Move caps closer to utilize PL main. Tie into and uprate existing 194' of 1 1/8" PL Main to remove 2 service tie overs. Move tie in north on E Meyer Blvd. to utilize existing 99' of PL Main.
800796	15308737	Dunn Park - West of Hwy 71/E. Meyers Phase 1D	4	\$1,620,969.67	\$1,620,970.67	0.00%	Header main - No cost with small amount of plastic service abandonment, all transfers
800797	15308807	Dunn Park - West of Hwy 71/E. Meyers Phase 1G - Miller	2	\$837,671.60	\$825,381.08	1.47%	Existing Main LP, New main installed at IP. 4 PL Services were replaced when they could have been tied over. 24' of 6" PL LP Main abandoned at no cost to the company.
800798	15308808	Dunn Park - West of Hwy 71/E. Meyers Phase 1H - Miller	2	\$809,751.95	\$805,483.74	0.53%	Existing Main LP, New main installed at IP. 6 PL services were replaced when they should have been tied over. Tie into and uprate existing 36' of 6" PL LP Main.
800799	15308810	Dunn Park - West of Hwy 71/E. Meyers Phase 1I - Miller	1	\$653,895.72	\$649,771.09	0.63%	3 services that were replaced would be changed to tie over
800800	15308437	Dunn Park - West of Hwy 71/E. Meyers Phase 1C - Miller	2	\$1,341,871.09	\$1,334,237.83	0.57%	Existing Main LP. New main installed at IP. 11 Services could have been tied over instead of replaced. Uprate 319' of PL Main instead of abandoning it.
800801	15308793	Dunn Park - West of Hwy 71/E. Meyers Phase 1E - Miller	2	\$1,070,731.92	\$1,077,063.15	-0.59%	Existing Main LP, New main installed at IP. 4 PL services should have been tied over instead of replaced. Move tie in to utilize previously installed 18' of 6" PL IP Main. Tie into and uprate 248' of PL LP Main.
800802	15308805	Dunn Park - West of Hwy 71/E. Meyers Phase 1F - Miller	4	\$833,602.77	\$833,602.77	0.00%	No Plastic abandonment (Main or Service)
800818	15323112	Maiden and A Replacement due to CP - MGE - Smith	2	\$45,154.25	\$44,829.76	0.72%	25' of 1.25" PL replaced with 2" for flow
800824	15338382	9th and Bales - CI Graphitization - IUI	1	\$72,614.45	\$71,842.92	1.06%	1 service replaced would be changed to tie over
800825	15338485	CI Graphitization - Highland and Independence	3	\$74,202.31	\$74,132.55	0.09%	Small piece of PL abandoned rather than hot tap and leak survey
800826	15338490	CI Graphitization - 10th and Benton	3	\$99,901.00	\$99,901.00	0.00%	Unused main was abandoned with CI at no additional cost
800827	15340224	Lee St & Main St - MGE	2	\$172,903.46	\$173,897.02	-0.57%	Plastic main abandoned on Main St due to construction convenience. Plastic service abandonment footage from 1 service replacement. Replacement was of a plastic service, changed to a tie-over in scenario 2.
800830	15340491	Green St & Peyton St - MGE	2	\$102,762.42	\$101,717.27	1.02%	PL was abandoned for constructability. Move the tie in further north to include the abandoned PL. System will stay at MP.
800834	14771233	Repl PBS at 8th and Geneva Joplin due to Leakage - MGE	2	\$150,213.78	\$147,665.40	1.70%	5ft of PL will be incorporated into the system by moving the cap. 82ft of PL can be reused and tied into the new system. Tie ins require hot taps and the construction of additional segments to reach existing PL
800849	15345790	Carrollton Grid main Replacement Phase J	1	\$75,476.74	\$75,476.74	0.00%	no services replaced no plastic main abandoned
800855	15345602	Carrollton Grid Main Replacement Phase L - Miller	2	\$476,198.95	\$476,198.95	0.00%	Carrollton Grid Main Replacement Phase L - Miller
800856	15345495	Carrollton Grid Main Replacement Phase K - Miller	2	\$203,064.88	\$204,475.93	-0.69%	A PL segment that dead ends with no services on it was abandoned at no cost. A smaller segment needed to be tied into to keep the PL in the system.
800864	14538089	75th St & Route 350 - IUI	2	\$356,769.92	\$358,301.12	-0.43%	PL abandoned due to constructibility. New segments will need to be installed to turn existing main around to tie into new main.
800867	15388316	Target Marlborough West Phase 4 - IUI	2	\$628,887.88	\$662,506.25	-5.35%	Plastic main abandoned on Troost Ave and E 78th St due to construction convenience. Plastic service abandonment from 6 replacements.
800912	15454636	Replacement due to CP 16-135 E and Moffet	2	\$299,999.78	\$300,122.07	-0.04%	caps needed to be moved to incorporate PL that was abandoned. In one area a 4ft segment of 1.25" PL was abandoned. To incorporate it the cap needs to be moved closer to steel and the segment tied into main on both sides
800921	15462955	CI Breaks - Benton and 55th - IUI	2	\$198,973.09	\$195,400.42	1.80%	97' of 1.25" PL replaced with 2" for flow
800924	15464752	CI Breaks - 54th Ter and Kensington - IUI	1	\$53,460.63	\$53,460.63	0.00%	only two service replaced and both steel
800932	15480929	Nipper St S of Spring St - MGE	1	\$60,949.89	\$60,949.89	0.00%	Existing Main LP, New main installed at MP. No Plastic main abandoned on this job. Small segment of PL service was abandoned with each tie over.
800940	15503496	Claremont and 25th -Main Replacement ~	2	\$189,160.84	\$193,918.32	-2.52%	Uprate existing 65' of 4" PL MP Main. Move caps to closer to utilize all PL main when separating pressure systems. Upgrade 135' of 4" PL main to avoid 1 service transfer. 3' segment of PL main is too small to utilize.
800971	15516624	Wornall and 85th Replacement Phase 9 - IUI-GPS	3	\$149,582.49	\$145,052.27	3.03%	317' of 4" PL main should have been upgraded and reused, but it was not. 6 services should have been upgraded but they were not.
800977	15526336	Liberty and Stone Replacement - IUI	3	\$873,732.18	\$843,806.68	3.43%	Relocation due to public improvement expanded
801040	15555544	Budd Park Header Main Phase 1 - IUI	4	\$1,715,867.89	\$1,715,867.89	0.00%	No Plastic abandonment (Main or Service)
801041	15555569	Budd Park Header Main Phase 2 - IUI	4	\$2,099,068.93	\$2,099,068.93	0.00%	No Plastic abandonment (Main or Service)
801042	15556121	Budd Park Header Main Phase 3 - IUI	3	\$1,022,160.54	\$1,022,559.59	-0.04%	22' of Plastic was originally abandoned for the tie in to occur.
801057	15593392	Neosho C-001 Bare Steel Main Replacement- Phase 1A - IUI - Merl	3	\$781,191.46	\$761,829.32	2.48%	Plastic was originally abandoned for constructability.
801063	15595640	27th & McGee - Main Replacement - KCMO - IUI	3	\$144,878.85	\$141,576.61	2.28%	94 feet 1 1/4" PL replaced with 4" PL
801089	15618569	Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1A - Miller	4	\$688,211.98	\$684,320.33	0.00%	New main installed at IP. Header main installed. No Plastic main abandoned. 2 PL services were replaced when they could have been tied over.
801096	15594353	Bare Steel Feeder Pressure Replacement -Sarcoux Phase 2	4	\$740,665.74	\$740,665.74	0.00%	No PL abandoned.
801101	18879207	Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1B	3	\$722,284.41	\$728,285.00	-0.83%	No pressure records, cost to air test higher than cost to replace
801102	15451234	Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1C - Miller	2	\$931,921.84	\$937,045.82	-0.55%	1 service should have been tied over instead of replaced. 32' of PL main was abandoned due to inactivity. 6' of PL Main could have been utilized by moving the tie in. 4' of PL main could have been utilized by moving the caps closer to separate the pressure systems. 64' of PL LP main could have been utilized and 1 service tie over could have been avoided by moving a tie in North. 46' of 8" PL main could have been utilized by tying into it and uprating it.
801119	14981179	Repl PBS 34th and Pearl Joplin due to Leakage - MGE - Smith	2	\$201,721.10	\$208,659.22	-3.44%	Several small segments were abandoned. To reconnect new main must be tied into the existing main. In many cases the old main is perpendicular to the new main. So two 2x90 elbows must be added along with a new segment to get the pipe heading the right direction again.
801125	14980934	Repl Main 16th and Bird Joplin due to Leakage - IUI - Milford	3	\$224,278.31	\$221,647.08	1.17%	Uprate 323 Ft. of 2" & 4" PL LP Main. Tie into existing 31' PL LP Main on 16th St.
801142	15594359	Bare Steel Feeder Pressure Replacement - Sarcoux Phase 3	4	\$369,483.50	\$369,483.50	0.00%	No PL abandoned.
801148	15056608	Bare Steel Feeder Pressure Replacement - Sarcoux Phase 1	4	\$475,971.89	\$475,971.89	0.00%	New main installed at FP. Header main installed. No Plastic main abandoned.
801149	14980955	Repl Main 24th and Meadow Joplin due to Leakage - IUI	3	\$430,388.97	\$434,624.76	-0.98%	2" PL MP Main was abandoned on Iron Gates Rd. to prevent flow restrictions. 4x4" Tap tees were not available at the time of this WO in the Southern district. 2" PL Main on W 26th St. for convenience.
801156	15732457	29th and Bales - Water in Gas Main	2	\$94,020.23	\$93,644.66	0.40%	Tie-in done on plastic segment where it was convenient.
801167	15753168	6" ST Replacement Jefferson St - IUI	2	\$60,486.76	\$60,622.72	-0.22%	Add paving. End cap will be moved closer to steel to keep PL in system.
801179	15781172	59th St - Woodson Rd to Blue Ridge Blvd - IUI	2	\$1,410,018.56	\$1,413,251.22	-0.23%	Small segments of PL were abandoned when steel main was abandoned. All 16ft can be recovered and integrated into the system, however install footage will only decrease by 6ft. The other 10ft can be incorporated back into the system by moving end caps.

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Project	WO Number	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
801184	15784204	Bannister Rd and Blue River Rd - 10in BS Replacement - IUI	1	\$360,931.07	\$360,931.07	0.00%	wasn't reestimated, no plastic main abandoned and no services in work order. No analysis done.
801193	15623364	Carthage Area 1 Grid Phase 1A - IUI - Milford	2	\$728,465.32	\$722,753.23	0.78%	112' of 2" PL IP Main due to inactivity. Tie into and utilize 230' of 2" PL IP Main. No changes to the service.
801206	15794391	Windsor Bare Steel Replacement Phase 1 - Miller	4	\$644,412.82	\$644,412.82	0.00%	New main installed at IP. Header main installed. No Plastic main abandoned.
801219	15804894	39th & S Main St - MGE	2	\$416,651.52	\$417,104.57	-0.11%	Segments of PL were abandoned for ease of construction. New segments of PL will need to be constructed to reach existing PL on the other side of the street. In both cases more pipe will need to be installed to incorporate existing PL.
801220	15804900	Sheley & E 33rd Terr -MGE	3	\$1,867,259.20	\$1,696,938.95	9.12%	4500' abandoned rather than leak survey and re-use
801223	15817643	W & E Cleveland at Holden St - MGE	1	\$79,735.67	\$79,735.67	0.00%	no service replacements, everything was tied over, no zeroed out footage
801224	15818513	CI Breaks - 61st and Indiana - IUI	1	\$132,154.69	\$130,611.66	1.17%	2 services replace would be changed to tie overs
801238	15830822	Kansas and 22nd - 4in CI Replacement - IUI	1	\$162,146.27	\$161,374.76	0.48%	1 service replaced would be changed to tie over
801240	15830045	Berry Rd S of Truman Road- MGE	2	\$337,629.79	\$323,079.97	4.31%	Service at 1610 Berry Rd should have been a tie-over. Service accounted for approximately 350 Ft. of PL service abandonment. Upgrade additional 50' of 2" PL MP Main. Uprate 120' of 1 1/4" PL MP Main.
801243	15831433	Budd Park Grid Main Replacement Phase 2A - IUI-GPS	2	\$444,615.49	\$447,689.14	-0.69%	Existing Main LP, New main installed at IP. 1 service should have been tied over instead of replaced. 163' of 2" PL was abandoned due to inactivity. 53' of PL main could have been upgraded by moving the tie in to a different location. 48' of 2" main could have been utilized by moving the tie in. Tie in and uprate 35' of 6" PL Main.
801250	15623449	Carthage Area 2 Grid Phase 2A - IUI - Milford	2	\$387,612.69	\$390,295.59	-0.69%	23' of PL Main abandoned due to inactivity. 10' of PL Main was abandoned for tie-ins to occur. 103' of 4" PL IP main could have been utilized. 85' of 2" PL LP main was able to be upgraded instead of abandoned.
801253	15845572	Replacement 313 S Oak St Aurora due to leak - MGE	2	\$67,556.57	\$68,096.90	-0.80%	5ft of PI was abandoned in association with a cut and cap.
801269	15879335	Independence and Chestnut - 4in CI Leak -dusty	1	\$85,168.71	\$85,168.71	0.00%	5 tie overs no transfers on either scenario
801284	15767012	Repl PBS on Elliot due to Leakage under HWY K	2	\$479,870.96	\$468,560.88	2.36%	Several sections of plasti were abandoned along with steel. A 204ft segment of 1.25" PL was abandoned and 4" installed to keep flow unrestricted. This segment was tied into the new 4" pipe in scenario 2 and kept the services on it. A 46ft segment of 2" PL was abandoned and replaced. In scenario 2 this segment recieved an Air test and was tied into the new PL main. A segment of 2" PL was abandoned on the edge of steel and was tied into the new main. This segment was leak tested and tied into the new main.
801295	15952060	Willis and Hayward - IUI	2	\$48,536.96	\$49,287.53	-1.55%	WASBUILT, Plastic main abandoned on Willis Ave due to construction convenience. Five plastic services tied over.
801297	15956471	Cherry St and Gillham Rd - 4in CI Replacement - IUI	1	\$77,128.29	\$77,128.29	0.00%	2 services replaced but both were steel so no change
801299	15959530	32nd St & Shady Bend Dr	2	\$423,159.06	\$413,926.39	2.18%	abandoned to avoid leak survey.
801300	15831810	Northern & Ralston-MGE	2	\$329,062.81	\$334,223.63	-1.57%	1 PL service was renewed when it should have been transferred. Move tie ins/caps to utilize 35' of PL Main. Tie into and uprate existing 85' of 1 1/4" PL Main to utilize PL. Tie into and uprate existing 130' of 4" PL Main.
801302	16007191	Budd Park Grid Main Replacement Phase 2B - Monty	2	\$1,004,427.13	\$1,003,044.86	0.14%	Existing Main LP, New main installed at IP. 2 services should have been tied over instead of abandoned. Move 4" PL Cap to utilize all existing PL Main. CONTINST Status
801315	16038595	Franklin Dr and Jewell Ct	1	\$63,208.25	\$63,159.44	0.08%	1 service replaced would be changed to tie over
801323	16106897	Walnut-Noland to Crane	1	\$903,436.73	\$901,897.18	0.17%	2 of 3 service replaces would be changed to tie overs
801356	16125944	Emma Grid Replacement - Miller 1A	2	\$332,063.49	\$329,911.96	0.65%	Tie into existing 97' of 2" PL MP Main instead of abandoning it.
801360	16134866	Exposed Pipe - 1803 NE 60th Terr - 6in steel - IUI	1	\$74,210.81	\$69,582.34	6.24%	six services replaced, would all be changed to tie over
801365	16137326	Emma Grid Replacement - Miller 1B	1	\$224,402.81	\$225,057.99	-0.29%	One service replace that we would change to tie over
801376	16148016	Waverly MO Bare Steel Main Replacement Phase 1 - Miller	2	\$379,839.32	\$377,559.89	0.60%	Existing Main MP, New main installed at MP. Move tie in to utilize existing 3' of PL Main. 3" PL services should have been tied over instead of replaced.
801377	16148036	Waverly MO Bare Steel Main Replacement Phase 2 - Miller	2	\$514,244.49	\$508,043.01	1.21%	39' of PL Main was utilized by moving caps. 14' of PL Main can be utilized on York St. by installing 230' of 2" PL Main on York St. and no longer installing 455' of 2" main in the alley. This would also remove 2 service replacements. 50' of PL main can be utilized by tying into the PL main crossing W. Commercial St. and tying into the PL main on the North side of the as well as on the South side.
801378	16148050	Waverly MO Bare Steel Main Replacement Phase 3 - Miller	2	\$457,651.76	\$459,983.61	-0.51%	Move caps to utilize 11' of PL MP Main.
801410	16195318	26th Terr and Topping - BS Replacement - IUI	1	\$37,559.46	\$37,559.46	0.00%	Existing Main IP, New main installed at IP. No Plastic main abandoned on the job. PL main abandoned for ST service replacement.
801428	16224878	S Pearl St & E Angus St - IUI	3	\$191,468.20	\$194,514.90	-1.59%	Small segments abandoned, more expensive to tie-in and utilize then replace
801439	16232868	55th and Indiana - Remove 24in Valve - IUI	1	\$207,381.20	\$207,381.20	0.00%	Existing Main IP, New main installed at IP. No Plastic included in the job.
801450	16244040	Market St - Waters to 2nd St- MGE	2	\$42,313.62	\$42,805.50	-1.16%	Move tie in to utilize existing 5' of 2" PL Main.
801472	14538529	Vermont to Scott - 23rd to 27th - IUI	3	\$1,242,930.69	\$1,248,488.13	-0.45%	Small pieces replaced rather than have many tie ins
801475	16287823	Waverly MO Bare Steel Main Replacement Phase 4 - Miller	2	\$485,050.03	\$488,477.42	-0.71%	Tie into 89' of 2" PL MP Main instead of abandoning it. 21' of PL main was abandoned due to tie in.
801520	16407237	Windsor Bare Steel Replacement Phase 3-Miller	2	\$599,020.89	\$609,705.87	-1.78%	Main abandoned and replaced rather than leak survey and utilize
801527	15827651	Replacement McConnell Ave 4th to 7th due leaks - MGE - Smith	1	\$303,799.97	\$303,485.48	0.10%	1 service replaced would be changed to tie over
801528	15827479	Empire 5th to 8th Street due to BST and Leaks	3	\$224,593.49	\$229,379.95	-2.13%	Main replaced instead of reused for ease of construction and lower cost
801546	16425563	Windsor Bare Steel Replacement Phase 4-Miller	2	\$335,816.24	\$353,110.52	-5.15%	Moved service to another main so segment on W Florence wasn't needed
801625	16697209	CI Breaks - 59th and Cypress Place - 4in CI - IUI	3	\$78,228.85	\$74,053.84	5.34%	Electrofuse onto 2" PL LP Main. Save 75 Ft of PL. Hot tap off the end of the PL and run 531 Ft. Prevents 2 Service Tie-Overs
801626	16697226	CI Breaks - 40th and Kensington - 4in CI - gilkey	2	\$173,772.10	\$172,427.16	0.77%	83' of 2" replaced rather than leak survey and tie over.
801627	16701133	Replacement due to leaks Fairview St in Carthage	2	\$175,476.00	\$175,624.00	-0.08%	Tie over outside of street to center of intersection, one service abandoned with main
801628	16702846	AOR - 6th and Cleveland - 6in CI	1	\$51,769.63	\$51,769.63	0.00%	No cost with small amount of plastic service abandonment, all transfers
801647	16748955	Norborne MO- BS Main Replacement Phase 1-Miller	2	\$356,598.35	\$348,401.77	2.30%	Design estimate used. Plastic main abandoned on Locust St due to construction convenience. Plastic service abandonment footage from 15 abandonments and 9 replacements. Of the replacements, 6 were of all plastic and were changed to tie-overs in scenario 2.
801648	16748965	Norborne MO- BS Main Replacement Phase 2 - Miller	2	\$507,671.91	\$506,520.66	0.23%	Design estimate and work order drawing used for scenario comparison. All plastic main abandoned according to work order drawing. Plastic main utilized on W Liberty St and Grider Ave. Plastic service abandonment footage from 3 service replacements and 9 abandonments. Service replacements were of plastic services and were changed to transfers in scenario 2.
801649	16748975	Norborne MO- BS Main Replacement Phase 3	2	\$538,708.59	\$519,828.40	3.50%	PL was abandoned for ease of construction.
801650	16748979	Norborne MO- BS Main Replacement Phase 4-Miller	1	\$194,366.27	\$194,366.27	0.00%	All services consist of plastic service material and were estimated already as transfers/tie-overs.

Spire Missouri West
 ISRS - Case # GO-2019-0116
 West Summary Data
 Appendix B - Schedule 3

Project	WO Number	Description	Category	Approx cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
801651	16748984	Norborne MO- BS Main Replacement Phase 5-Miller	2	\$200,069.69	\$193,034.30	3.52%	Design estimate used. *100 ft of 2" PL on Coats not accounted for in abandonment footage and was not tied-into. Added the 100 ft to ab. PL main for estimates* Plastic main abandoned on Long St and Coats St due to construction convenience. Plastic service abandonment footage from 10 abandonments and 3 replacements.
801652	16748987	Norborne MO- BS Main Replacement Phase 6-Miller	1	\$486,577.59	\$464,267.68	4.59%	Changed over 31 services from replacements to tie-overs
801703	16941605	E 36th St & Sterling - MGE	2	\$105,465.47	\$107,769.59	-2.18%	Plastic main abandoned on E 36th St S due to construction convenience.
801709	16971279	56th St - Indiana Ave to Kansas Ave - BS Mandated Sec 6-Miller-GPS	2	\$131,449.38	\$131,449.38	0.00%	No additional cost with 12' of abandonments at tie in point
801710	16971309	56th St - Summit St to Wornall Rd - BS Mandated Sec 7-IUI	1	\$99,681.69	\$99,681.69	0.00%	All services were already assumed as transfers. A CU change did occur by adding a second tie over CU to represent the 2" PL main filters.
801712	16971485	Walnut - 51st Ter to 51st St - BS Mandated Sec 13-Miller-GPS	2	\$293,236.32	\$290,196.02	1.04%	Fieldbook does not show abandoned mains, footages in iMap do not match footages in Maximo. Length 604 Values in GIS are the same as the Maximo abandoned plastic lengths.* Plastic main abandoned on E 51st Ter due to construction convenience and to separate pressure systems. Plastic service abandonment footage from 9 replacements. Of those replacements, 3 were plastic services that were changed to tie-overs for scenario 2. Also, 3 tie-overs included steel services, so they were added to replacements for both scenarios.
801731	17019127	Blue Parkway and Elwyn Rd - Replace Bare Steel - MGE	2	\$160,023.07	\$160,952.30	-0.58%	Plastic main abandoned on Blue Parkway due to construction convenience. Plastic service abandonment footage from 2 service abandonments. No change in estimate. Plastic cap moved to utilize existing plastic at no additional cost, no extra paving or service changes.
801770	16774354	Brooklyn - 9th to 19th - Header Main-GPS	4	\$730,718.04	\$730,718.04	0.00%	New main installed at IP. Header main installed. No Plastic main abandoned.
801789	17144432	55th and Crescent Rd - IUI	1	\$177,014.89	\$177,218.37	-0.11%	Changed over 1 service from a replacement to a tie-over
801815	17219240	Cherry and Noland Rd - IUI	2	\$134,703.40	\$131,947.95	2.05%	66' of 2" PL replaced with 4" for flow
801827	17260537	Highgrove and 10th St - 4in Bare Steel - MGE	2	\$61,945.85	\$62,258.82	-0.51%	7' of 3" PL abandoned at tie-in
801828	17260546	23rd and Topping - 3in Steel - IUI	2	\$189,233.95	\$189,606.72	-0.20%	To incorporate pipe a segment must be constructed to turn new main south and allow a tie in to the end of the existing PL.
801834	17279501	AOR - 29th and Cleveland - 6in CI - Miller	2	\$95,542.11	\$96,053.83	-0.54%	a 4ft segment of PL main was abandoned with cast iron. Move the cap closer to the cast iron and add three 2x90 elbows and a 4ft segment of 6" PL pipe to ring it back to new main location.
801835	17280758	Budd Park Header- 6" Plastic- Benton Blvd to St IUI POWELL	4	\$1,286,142.33	\$1,286,142.33	0.00%	CONTINIST Status. New main installed at IP. Header main installed. No Plastic main abandoned. 6 Plastic services were abandoned due to inactivity.
801844	17353150	63rd and Baltimore - 4in CI - Water in Main - murphy	1	\$49,894.31	\$48,530.85	2.73%	2 Services were changed from renewal to tie-overs which made the overall cost around \$2000 cheaper.
801868	17607273	CI Breaks - 28th Ter and Oakley	1	\$123,953.00	\$123,953.00	0.00%	No cost with small amount of plastic service abandonment, all transfers
801873	17611805	Replacement due to CP at Canterbury in Joplin - SPIRE - Smith	2	\$174,950.86	\$177,675.45	-1.56%	A 7 ft piece of PL was abandoned in association with cut and capping. 30ft of PL was recovered in scenario 2 by moving the end cap closer to the steel. A 32ft segment was abandoned and had a service on it which was transferred to the new main. In scenario 2 the service is kept on the existing PL but the steel on both ends of the PL segment were capped and a hot tie in was performed on the segment. A new segment was built to connect the existing PL segment to the new main that was installed across the street.
801874	17612824	Replacement due to Leak at 111 N Turk Joplin - SPIRE - Smith	1	\$134,011.44	\$134,011.44	0.00%	All services have plastic material type and are already given a service transfer cost. One service abandoned plastic footage but it was actually tied over in the job.
801875	17610593	Harris Ave and Truman Rd Repl - IUI	2	\$172,662.43	\$173,693.23	-0.60%	PL abandoned for ease of tie in.
801886	17699109	Colbern Rd 10 th Bare under Creek	1	\$270,591.52	\$270,591.52	0.00%	No services appeared in the Child WO Report for this WO.
801909	17964766	Pittman & 38th St - Replace 4in Bare Steel - SPIRE, LOVE-GPS	2	\$471,793.33	\$471,800.36	0.00%	Tie in's could have been moved to utilize all PL Main.
802002	18548035	Maywood Ave replacement-IUI	1	\$95,529.52	\$95,529.52	0.00%	4 PL services abandoned with main at additional cost
802032	18588610	33rd and Highland - 4in CI Replacement - SPIRE-- Stenvall	1	\$82,932.18	\$82,932.18	0.00%	No services been renewed. Only PL service was abandoned due to inactivity.
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Spire Missouri West
 ISRS - Case # GO-2019-0116
 Spire West BWO Summary
 Appendix B - Schedule 4

<u>Spire East WO</u>	<u>Description</u>	<u>10/17 to 6/18 Additions</u>
003816	BWO SERVICE LINE LEAK RESPONSIVE	\$ (1,037.79)
004152	BWO-Repl Svc w/ Pls (North Reg)	\$ 7,436,548.68
004153	BWO-Repl Svc w/ Pls (South Reg)	\$ 449,418.61
004279	BWO SERVICE LINE MATERIAL CONTRACTO	\$ 0.09
004287	BWO MATERIAL SERV LINE REPL CONT	\$ 43,763.91
004288	BWO-REPLACE SERVICE	\$ (175.00)
004416	BWO-REPLACE SERVICE	\$ 2,215.82
004501	BWO-Repl Svc w/ Pls (SW Reg)	\$ 259,775.02
004601	BWO SERVICE LINE REPL MODIFIED BLOC	\$ 922.59
004609	BWO MATERIAL SERV LINE REPL COMP	\$ 991.87
009217	BWO-Replace Svc w/ Steel (North)	\$ 113,963.55
009218	BWO-Replace Svc w/ Steel (South)	\$ 20,119.31
009219	BWO-Replace Svc w/ Steel (Southwest)	\$ 14,170.77
007052	BWO Main Installed Mtce-North Reg	\$ 103,043.73
007053	BWO Mains Installed Mtce -South Reg	\$ 247,454.81
007054	BWO Mains Installed Mtce-Southwest	\$ 24,553.49
003969	BWO-Encapsulation Cast Iron Joints	\$ 326,900.62
Total		\$ 9,042,630.08

Service Line Replacement

Steel and Copper	1056	55.37%
Leak Repairs (other than Steel and Copper)	68	3.57%
Ineligible Items	311	16.31%
<u>Service Line Replacement Program</u>	<u>472</u>	<u>24.75%</u>
Total Projects	1907	
Total Dollars Available	\$ 8,340,677.43	

Summary

Eligible Items	1596	83.69%
Ineligible Items	311	16.31%
Total	1907	
Eligible Dollars	\$ 6,980,451.59	

MTCE

Leak Repair	4	9.76%
Ineligible Items	25	60.98%
<u>Cl, ST, or other eligible</u>	<u>12</u>	<u>29.27%</u>
Total Projects	41	
Total Dollars Available	\$ 375,052.03	

Summary

Eligible Items	16	39.02%
Ineligible Items	25	60.98%
Total	41	
Eligible Dollars	\$ 146,361.77	

Encapsulation - Cast Iron Joints

See note above		100%
Total Eligible Dollars	\$ 326,900.62	

Total Eligible Dollars \$ **7,453,713.98**

Adjustment Calculation

Total Dollars	\$ 9,042,630.08
Less: Eligible Dollars	\$ 7,453,713.98
Adjustment	\$ 1,588,916.10

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
Mains Cathodic Protection							
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201803	16,982.98	b	A, B, I, K
376100-Mains - Steel	014673	F0503	Install rectifier County Rd	201804	29,214.48	b	A, B, I, K
376100-Mains - Steel	014674	F0503	Install rectifier Pearl St	201804	34,141.32	b	A, B, I, K
376100-Mains - Steel	015793	F1194	Rectifier rebuild #0516 - Tamarack	201804	3,127.99	b	A, B, I, K
376100-Mains - Steel	016161	F1193	Install rectifier at Hwy 78&Powell	201804	26,472.68	b	A, B, I, K
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201804	(281.27)	b	A, B, I, K
376100-Mains - Steel	018613	F1193	Rebuild rectifier - Hwy 40	201804	19,158.75	b	A, B, I, K
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201805	(795.59)	b	A, B, I, K
376100-Mains - Steel	016161	F1193	Install rectifier at Hwy 78&Powell	201805	(0.70)	b	A, B, I, K
376100-Mains - Steel	018613	F1193	Rebuild rectifier - Hwy 40	201805	21.35	b	A, B, I, K
376100-Mains - Steel	018613	F1193	Rebuild rectifier - Hwy 40	201806	(123.43)	b	A, B, I, K
376100-Mains - Steel	017393	F1193	Ground Bed Replace - Armstrong (S)	201806	(16.11)	b	A, B, I, K
376100-Mains - Steel	016161	F1193	Install rectifier at Hwy 78&Powell	201806	(1.33)	b	A, B, I, K
376100-Mains - Steel	017435	F1194	Ground Bed Replace -Greenfield(SW)	201806	17,922.61	b	A, B, I, K
376100-Mains - Steel	017436	F1194	Ground Bed Replace -Diamond (SW)	201806	18,372.99	b	A, B, I, K
376100-Mains - Steel	017439	F0503	Ground Bed Replace -16&Bellevue(N)	201806	77,143.49	b	A, B, I, K
Total Mains Cathodic Protection					241,340.21		
Mains - Clamping							
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201710	49,244.76	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201711	46,713.56	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201712	63,096.89	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201801	22,727.92	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201802	14,300.37	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201803	35,317.79	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201804	24,155.47	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201805	33,626.96	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201806	37,716.90	b	A, B, I, K
Total Main Leak Clamps					326,900.62		
Mains - Relocation							
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201710	27,101.92	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201710	4,955.72	c	na
376100-Mains - Steel	801178	F0547	Reloc 100F 6S 57th & Norfleet Rd	201710	(74.51)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201710	13,603.09	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201711	54,848.12	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201711	(86.78)	c	na
376100-Mains - Steel	801104	F0578	Reloc 705F 4P-8S Hwy291 Harisonville	201711	3,620.75	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201711	3,537.83	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201711	(15.11)	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201712	(264.01)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201712	3.30	c	na
376100-Mains - Steel	801393	F0547	Reloc 512F 2S 6th & Benton	201712	(2,573.78)	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201712	(6.52)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201712	28.39	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201712	804.60	c	na
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201801	584.91	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201801	1,679.93	c	na
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201801	9.54	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201801	54.06	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201801	10.18	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201801	67.42	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201801	(119.55)	c	na
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201802	(80.25)	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201802	(37.89)	c	na
376100-Mains - Steel	800624	F0578	Repl w 3970F 2-4-6P 155th E of I-49	201802	(2,002.44)	c	na
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201802	(0.08)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201802	1.53	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201802	(0.99)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201802	(13.86)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201802	66,418.90	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201802	2.55	c	na
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201803	14.68	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201803	7,938.58	c	na
376100-Mains - Steel	800624	F0578	Repl w 3970F 2-4-6P 155th E of I-49	201803	(10,214.68)	c	na
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201803	(0.14)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201803	(74.03)	c	na
376100-Mains - Steel	801381	F0547	Reloc 447F 2-4-8 S&P Gene Field	201803	358.38	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201803	451.38	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201803	(67.50)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201803	6,535.63	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201803	(8.72)	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201803	8,261.61	c	na
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201804	(48.71)	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201804	68.29	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201804	378.85	c	na
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201804	(0.07)	c	na
376100-Mains - Steel	800836	F0547	Reloc 20F 2S 73rd & Richmond	201804	13,582.02	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201804	(12,694.95)	c	na
376100-Mains - Steel	801381	F0547	Reloc 447F 2-4-8 S&P Gene Field	201804	5,933.47	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201804	(15.80)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201804	(1,200.36)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201804	(85.01)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201804	461.61	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201804	33.86	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201805	(72,665.32)	c	na
376100-Mains - Steel	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201805	(470.63)	c	na

Spire Missouri West
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 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201805	(149.43)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201805	(10.06)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201805	(0.82)	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201805	0.01	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201805	4.69	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201805	7.86	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201805	95.17	c	na
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201805	116.98	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201805	3,189.90	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201805	3,902.64	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201805	9,227.60	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201806	(19,527.42)	c	na
376100-Mains - Steel	800728	F0664	Reloc 2621F 2P Broadway & Zora	201806	(5,050.12)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201806	(1,568.88)	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201806	(277.55)	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201806	(170.66)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201806	(8.31)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201806	(1.44)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201806	0.02	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201806	41.29	c	na
376100-Mains - Steel	800836	F0547	Reloc 20F 2S 73rd & Richmond	201806	519.14	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201806	861.52	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201806	1,723.78	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201806	1,756.63	c	na
376300-Mains - Plastic	800515	F0578	Rel w/ 3105f 2-4P Johnson Dr Storm	201710	(7,233.96)	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201710	(65.73)	c	na
376300-Mains - Plastic	800957	F0664	Reloc 1782F 2-4P 27th-31st Phase 1	201710	171,202.58	c	na
376300-Mains - Plastic	800976	F0578	Reloc 1540F 2-6P Hwy291 & 50 -MODOT	201710	1,949.81	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201710	8,013.10	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201710	18,496.40	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201710	(1,096.77)	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201711	3,757.40	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201711	(255.78)	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201711	1.10	c	na
376300-Mains - Plastic	801048	F0547	Reloc 1147F 2-4P Winn & Belfontaine	201711	9,730.47	c	na
376300-Mains - Plastic	801104	F0578	Reloc 705F 4P-8S Hwy291 Harrisonville	201711	(3,651.44)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201711	4,424.62	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201711	(15,780.38)	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201711	769.78	c	na
376300-Mains - Plastic	801383	F0578	Reloc 2727F 4-6P Truman Farm Trail	201711	(4,529.62)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201711	108,224.41	c	na
376300-Mains - Plastic	801436	F0578	Reloc 845F 2&6P 51st & Grand	201711	(297.14)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201711	71,512.36	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201711	1,711.61	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201711	10,123.85	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201711	4,640.84	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201711	21,995.47	c	na
376300-Mains - Plastic	800144	F0547	Hwy 71 and Gregory Grid Repl PhD	201712	(18,683.41)	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201712	(20.70)	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201712	3.63	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201712	(0.03)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201712	81,507.39	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201712	(0.44)	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201712	336.58	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201712	6,877.74	c	na
376300-Mains - Plastic	801383	F0578	Reloc 2727F 4-6P Truman Farm Trail	201712	8,648.50	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201712	6,711.85	c	na
376300-Mains - Plastic	801436	F0578	Reloc 845F 2&6P 51st & Grand	201712	6,396.65	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201712	(131.78)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201712	3,886.26	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201712	4,831.54	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201712	190.92	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201712	(7,001.42)	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201712	1,447.17	c	na
376300-Mains - Plastic	800144	F0547	Hwy 71 and Gregory Grid Repl PhD	201801	18,759.73	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201801	40.23	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201801	(2.71)	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201801	159,821.44	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201801	(0.71)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201801	667.94	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201801	234.99	c	na
376300-Mains - Plastic	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201801	64,035.03	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201801	221,918.84	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201801	13,207.76	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201801	10,174.74	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201801	49.82	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201801	(162.30)	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201801	4,063.58	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201801	1,487.99	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201801	205.97	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201801	314.15	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201801	112.71	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201801	86,211.54	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201801	352.61	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201801	1,391.93	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201801	917.72	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201801	4,446.69	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201802	0.85	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201802	(0.01)	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201802	(21,926.12)	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201802	(0.02)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201802	(1.55)	c	na
376300-Mains - Plastic	800624	F0578	Repl w 3970F 2-4-6P 155th E of I-49	201802	(39,004.92)	c	na

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 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201802	(2.05)	c	na
376300-Mains - Plastic	800957	F0664	Reloc 1782F 2-4P 27th-31st Phase 1	201802	(5,535.57)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201802	311,526.51	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201802	(100.12)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201802	17,225.35	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201802	1.63	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201802	(391.11)	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201802	(1.35)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201802	3.55	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201802	(20.06)	c	na
376300-Mains - Plastic	801501	F0578	Reloc 35F 2P 83rd & Ash	201802	(727.20)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201802	(61.13)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201802	14,708.60	c	na
376300-Mains - Plastic	801556	F0578	Reloc 325F 4P 155th & Barat Ave	201802	5,831.00	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham StH of 64th	201802	7,104.97	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201802	27,746.59	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201802	(77.43)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201802	(273.43)	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201802	(472.30)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201802	24,153.44	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201802	388.29	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201803	(54.46)	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201803	3.56	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201803	4,010.90	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201803	0.93	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201803	(10.04)	c	na
376300-Mains - Plastic	800624	F0578	Repl w 3970F 2-4-6P 155th E of I-49	201803	40,458.82	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201803	(3.27)	c	na
376300-Mains - Plastic	800957	F0664	Reloc 1782F 2-4P 27th-31st Phase 1	201803	(9,309.36)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201803	38,726.53	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201803	(364.27)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201803	(558.79)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201803	2,913.81	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201803	261.17	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201803	(286.71)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201803	27,910.82	c	na
376300-Mains - Plastic	801381	F0547	Reloc 447F 2-4-8 S&P Gene Field	201803	759.56	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201803	(193.00)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201803	9,123.91	c	na
376300-Mains - Plastic	801501	F0578	Reloc 35F 2P 83rd & Ash	201803	(282.61)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201803	(371.16)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201803	(227.84)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham StH of 64th	201803	16,038.73	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201803	105,206.40	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201803	14,329.84	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201803	(357.24)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201803	(1,180.37)	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201803	13,577.75	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201803	(65.71)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201803	(505.47)	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201803	9,582.28	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201804	7,597.28	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201804	(7,890.75)	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201804	(13,311.82)	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201804	(14,937.71)	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201804	24,851.44	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201804	513,613.05	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201804	(5.07)	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201804	(1.63)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201804	10,693.73	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201804	(97.84)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201804	(958.24)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201804	(60.54)	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201804	132.64	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201804	(138.36)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201804	(26.77)	c	na
376300-Mains - Plastic	801381	F0547	Reloc 447F 2-4-8 S&P Gene Field	201804	(5,933.47)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201804	(97.47)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201804	(319.42)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201804	(141.49)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201804	(96.23)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham StH of 64th	201804	8,589.82	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201804	13,793.49	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201804	(1,401.16)	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201804	(104.43)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201804	(327.54)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201804	343,817.13	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201804	954.61	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201804	4,100.39	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201804	(20.93)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201804	(239.55)	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201804	(3,303.88)	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201804	19,467.77	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201805	(48.26)	c	na
376300-Mains - Plastic	801293	F0664	Reloc 1324F 6P 32nd St Central City	201805	(1,675.14)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201805	(777.15)	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201805	(701.51)	c	na
376300-Mains - Plastic	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201805	(415.10)	c	na
376300-Mains - Plastic	801136	F0664	Reloc 1187F 4P 27th - 22nd Phase 2	201805	(402.64)	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201805	(179.76)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201805	(153.53)	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201805	(107.99)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201805	(52.98)	c	na

Spire Missouri West
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 ISRS Work Order Additions Oct17 - Apr18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201805	(42.39)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201805	(38.12)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201805	(28.63)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201805	(17.15)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201805	(9.63)	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201805	(3.86)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201805	(1.49)	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201805	0.11	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201805	0.51	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201805	8.68	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201805	33.99	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201805	47.02	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201805	47.82	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201805	158.40	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201805	260.60	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201805	441.88	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham St of 64th	201805	496.26	c	na
376300-Mains - Plastic	800693	F0547	Reloc 2235F 2-4P Blacksnake Creek	201805	1,461.49	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201805	1,635.34	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201805	1,923.22	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201805	2,886.68	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201805	3,528.05	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201805	4,372.06	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201805	8,571.66	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201805	16,752.11	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201805	37,682.30	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201805	39,084.69	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201805	39,294.25	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201805	68,563.84	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201805	71,990.49	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201805	75,356.27	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201805	95,291.56	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201805	99,360.60	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201805	177,944.74	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201805	225,418.93	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201805	307,825.22	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201805	346,129.96	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201805	896,645.08	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201806	(29,648.28)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201806	(5,316.42)	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201806	(2,724.04)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201806	(2,345.94)	c	na
376300-Mains - Plastic	800693	F0547	Reloc 2235F 2-4P Blacksnake Creek	201806	(1,734.45)	c	na
376300-Mains - Plastic	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201806	(1,365.05)	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201806	(821.64)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201806	(710.03)	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201806	(480.16)	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201806	(352.60)	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201806	(217.79)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201806	(159.44)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201806	(148.14)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham St of 64th	201806	(133.82)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201806	(130.35)	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201806	(83.71)	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201806	(80.29)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201806	(76.36)	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201806	(66.06)	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201806	(58.86)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201806	(54.03)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201806	(53.47)	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201806	(50.74)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201806	(32.22)	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201806	(19.57)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201806	(18.19)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201806	(2.79)	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201806	1.40	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201806	1.76	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201806	44.64	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201806	75.50	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201806	78.53	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201806	386.13	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201806	525.92	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201806	720.19	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201806	942.32	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201806	1,711.65	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201806	2,708.38	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201806	8,075.95	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201806	13,365.44	c	na
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201806	19,507.99	c	na
376300-Mains - Plastic	801136	F0664	Reloc 1187F 4P 27th - 22nd Phase 2	201806	23,974.00	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201806	29,281.03	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201806	31,846.09	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201806	36,633.32	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201806	44,699.64	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201806	52,475.98	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201806	73,823.77	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201806	90,306.49	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201806	105,047.60	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201806	427,150.86	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201806	722,594.55	c	na
Total Main Relocations					6,865,186.31		

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
Mains - Replacements							
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201710	(3,755.79)	a	A, B, C, K
376100-Mains - Steel	800260	F0604	Repl w/ 10493F 2-4P Clarksburg Pha	201710	32,935.71	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201710	4,100.55	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201710	22,132.08	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201710	(1,374.88)	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201711	969.76	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201711	(193.31)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201711	5,747.38	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201711	20.60	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201711	83,293.76	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201712	20,377.34	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201712	161.07	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201712	160.54	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201712	(6.94)	a	A, B, C, K
376100-Mains - Steel	801184	F0599	Repl 540F 12S Bannister & BlueRiver	201712	44,029.11	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201712	95,662.90	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201801	4,999.57	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201801	1,098.20	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201801	387.93	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201801	689.24	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201801	6.21	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201801	6,662.13	a	A, B, C, K
376100-Mains - Steel	800039	F0599	Pickett Rd and 29th St - Main Repla	201802	18.15	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201802	6,437.14	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201802	13.55	a	A, B, C, K
376100-Mains - Steel	800825	F0599	Repl w 251F 2-12P Highland/Independ	201802	18,349.67	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201802	(82.42)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201802	(88.77)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201802	(13.22)	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201802	(25,686.42)	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201802	259,191.64	a	A, B, C, K
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201803	22.25	a	A, B, C, K
376100-Mains - Steel	800039	F0599	Pickett Rd and 29th St - Main Repla	201803	(318.79)	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201803	820.23	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201803	(3.69)	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201803	8,150.06	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201803	(773.18)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201803	22.53	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201803	23,760.55	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201803	9,904.85	a	A, B, C, K
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201804	(12.86)	a	A, B, C, K
376100-Mains - Steel	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201804	(130.04)	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201804	(201.52)	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201804	25.25	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201804	16,402.88	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201804	(163.63)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201804	(290.58)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201804	(412.21)	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201804	(1,126.55)	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201804	5,486.74	a	A, B, C, K
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201805	(5.30)	a	A, B, C, K
376100-Mains - Steel	800825	F0599	Repl w 251F 2-12P Highland/Independ	201805	12,316.58	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201805	(147.00)	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201805	(40.43)	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201805	(18.49)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201805	246.74	a	A, B, C, K
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201805	1,776.37	a	A, B, C, K
376100-Mains - Steel	800431	F0599	Target Marlborough West Phase 1	201805	8,063.87	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201805	8,418.48	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201805	15,725.25	a	A, B, C, K
376100-Mains - Steel	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201805	34,274.11	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201805	43,871.60	a	A, B, C, K
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201805	72,488.57	a	A, B, C, K
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201805	7,924.91	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201805	1,218.98	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201805	(264.19)	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201805	(26.21)	a	A, B, C, K
376100-Mains - Steel	800825	F0599	Repl w 251F 2-12P Highland/Independ	201806	(10,545.83)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201806	(4,603.35)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201806	(4,434.18)	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201806	(1,725.46)	a	A, B, C, K
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201806	(1,319.11)	a	A, B, C, K
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201806	(616.37)	a	A, B, C, K
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201806	(145.59)	a	A, B, C, K
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201806	(57.66)	a	A, B, C, K
376100-Mains - Steel	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201806	(21.19)	a	A, B, C, K
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201806	(0.73)	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201806	2.04	a	A, B, C, K
376100-Mains - Steel	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201806	5.00	a	A, B, C, K
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201806	26.50	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201806	29.28	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201806	32.05	a	A, B, C, K
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201806	65.61	a	A, B, C, K
376100-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201806	324.65	a	A, B, C, K
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201806	6,725.35	a	A, B, C, K
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201806	13,422.17	a	A, B, C, K
376100-Mains - Steel	801360	F0599	Aband 891F 6S 1803 NE 60th Terr	201806	32,049.14	a	A, B, C, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201710	(11,807.25)	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201710	7,659.48	a	A, B, C, D, E, K
376300-Mains - Plastic	800041	F0599	Liberty Header - Phase 4 IUI	201710	(10,336.36)	a	A, B, C, K
376300-Mains - Plastic	800044	F0599	Repl w/ 4105F 4P Liberty Header Ph5	201710	(2,255.58)	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800046	F0599	Liberty - Grid Phase B	201710	(3,243.17)	a	A, B, C, K
376300-Mains - Plastic	800069	F0604	Tipton Grid Phase C - Bare steel re	201710	(8,293.84)	a	A, B, C, K
376300-Mains - Plastic	800070	F0604	Tipton Grid Phase D - Bare steel re	201710	(1,814.57)	a	A, B, C, K
376300-Mains - Plastic	800072	F0604	Tipton Grid Phase B - Bare steel re	201710	(17,425.12)	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201710	(11,741.55)	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201710	(29,653.02)	a	A, B, C, K
376300-Mains - Plastic	800112	F0599	Liberty - Grid Phase C	201710	1,085.92	a	A, B, C, K
376300-Mains - Plastic	800121	F0599	Liberty - Grid Phase D	201710	(197.81)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201710	(36,769.00)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201710	1,491.20	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201710	2,986.15	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201710	177.27	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201710	139.70	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201710	4,087.84	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201710	4,399.57	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201710	(5,823.32)	a	A, B, C, K
376300-Mains - Plastic	800137	F0599	St. Joe's South Phase 1C - MGE	201710	(7,797.20)	a	A, B, C, K
376300-Mains - Plastic	800138	F0599	St. Joe's South Phase 1D - MGE	201710	(2,768.07)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201710	355,089.09	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201710	(4,859.67)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201710	6,929.01	a	A, B, C, K
376300-Mains - Plastic	800260	F0604	Repl w/ 10493F 2-4P Clarksburg PhA	201710	(12,547.21)	a	A, B, C, K
376300-Mains - Plastic	800261	F0604	Repl w/ 5647F 2P Clarksburg Ph B	201710	4,288.84	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201710	5,654.65	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201710	17,266.08	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201710	20,053.04	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201710	4,343.30	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201710	9,088.65	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201710	15,682.19	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201710	3,162.15	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201710	8,068.51	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201710	872,928.49	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201710	360,277.64	a	A, B, C, K
376300-Mains - Plastic	800406	F0572	Repl w/ 1098F 2P 2nd and McCoy	201710	(9.38)	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201710	1,606.12	a	A, B, C, K
376300-Mains - Plastic	800468	F0599	Repl w/ 30F 6P 12th and AskewAOR	201710	353.04	a	A, B, C, F, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201710	14.86	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201710	7,488.54	a	A, B, C, K
376300-Mains - Plastic	800551	F0599	Repl w/ 2962F 2P 58th and Olive	201710	(9,344.09)	a	A, B, C, K
376300-Mains - Plastic	800558	F0572	Repl w 3645F 2-4P Neosho Grid Ph1	201710	28,967.55	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201710	(1,823.52)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201710	1,881.08	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201710	1.44	a	A, B, C, K
376300-Mains - Plastic	800604	F0572	Repl w/ 255F 2P 4th & Rangeline	201710	(12.36)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201710	2,437.09	a	A, B, C, K
376300-Mains - Plastic	800622	F0604	Repl w/ 5785F 2P 29th & Northern	201710	13,150.05	a	A, B, C, K
376300-Mains - Plastic	800628	F0599	Repl 40F 4P AOR 6634 Broadmoor	201710	620.25	a	A, B, C, F, K
376300-Mains - Plastic	800636	F0572	Repl w 1932F 4P Range Line & 3rd	201710	(11.60)	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201710	3,373.61	a	A, B, C, K
376300-Mains - Plastic	800766	F0599	Repl w 30F 4P Indiana & 12th AOR	201710	(9,037.84)	a	A, B, C, F, K
376300-Mains - Plastic	800818	F0572	Repl w 627F 2P Maiden and A St	201710	(41.27)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201710	759.53	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201710	1,785.93	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201710	96.20	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201710	11,139.68	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201710	(750.45)	a	A, B, C, F, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201710	7,501.44	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201710	1.17	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201710	9,809.65	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201710	(703.96)	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201710	242.22	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201710	17,262.70	a	A, B, C, F, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201710	(36.97)	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201710	239,800.98	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201710	160,786.22	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201710	853.58	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201710	11,427.30	a	A, B, C, F, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201711	1,556.22	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201711	9,395.81	a	A, B, C, D, E, K
376300-Mains - Plastic	800028	F0599	Liberty Header - Phase 3	201711	(184.78)	a	A, B, C, K
376300-Mains - Plastic	800045	F0599	Liberty - Grid Phase A	201711	1,737.60	a	A, B, C, K
376300-Mains - Plastic	800046	F0599	Liberty - Grid Phase B	201711	(9,737.58)	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201711	5.13	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201711	110,325.11	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201711	1,271.39	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201711	9,749.86	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201711	(3.76)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201711	(3.53)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201711	345.27	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201711	3,132.94	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201711	185.62	a	A, B, C, K
376300-Mains - Plastic	800137	F0599	St. Joe's South Phase 1C - MGE	201711	(5,665.12)	a	A, B, C, K
376300-Mains - Plastic	800138	F0599	St. Joe's South Phase 1D - MGE	201711	1,699.34	a	A, B, C, K
376300-Mains - Plastic	800154	F0599	N Budd Park CI Grid Repl Phase 1C	201711	(109,044.71)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201711	547.05	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201711	9.41	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201711	582.92	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201711	750.31	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201711	59.37	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201711	908,877.40	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201711	2,445.57	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201711	(416.57)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201711	4,727.73	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201711	(100.70)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201711	134.32	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201711	(286.59)	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201711	(276.89)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201711	(254.29)	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201711	101.30	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w 6468F 2P St. Joe's Ph2D	201711	(4,503.93)	a	A, B, C, K
376300-Mains - Plastic	800390	F0572	Repl w 884F 2-4P HWY 60 to Pine	201711	(124.74)	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201711	1,212.17	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201711	(0.26)	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201711	(6,309.93)	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201711	34.24	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201711	(30.04)	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201711	(10,589.98)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201711	(21,512.68)	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201711	176,660.18	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201711	380,688.42	a	A, B, C, K
376300-Mains - Plastic	800834	F0572	Repl w 1590F 2P 8th & Geneva	201711	3,405.59	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201711	(18.58)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201711	(39.27)	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201711	41.09	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201711	5,392.71	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201711	(4,413.76)	a	A, B, C, F, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201711	470,686.60	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201711	(1.89)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201711	(541.39)	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201711	1,349.80	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201711	19,498.50	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201711	65.22	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201711	(5.13)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201711	(594.90)	a	A, B, C, F, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201711	(67.79)	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201711	(1,939.08)	a	A, B, C, K
376300-Mains - Plastic	801410	F0599	Repl 612F 2P 26th Terr & Topping	201711	4,460.52	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201711	(25.39)	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201711	(459.58)	a	A, B, C, F, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201712	1,075.89	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201712	5,106.93	a	A, B, C, D, E, K
376300-Mains - Plastic	800028	F0599	Liberty Header - Phase 3	201712	(2,877.97)	a	A, B, C, K
376300-Mains - Plastic	800041	F0599	Liberty Header - Phase 4 IUI	201712	(16,012.04)	a	A, B, C, K
376300-Mains - Plastic	800044	F0599	Repl w/ 4105F 4P Liberty Header Ph5	201712	(1,448.54)	a	A, B, C, K
376300-Mains - Plastic	800045	F0599	Liberty - Grid Phase A	201712	(36,046.46)	a	A, B, C, K
376300-Mains - Plastic	800072	F0604	Tipton Grid Phase B - Bare steel re	201712	(2,360.69)	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201712	(0.13)	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201712	14,553.72	a	A, B, C, K
376300-Mains - Plastic	800100	F0604	Repl w/ 9461F 2P Kingsville Ph2	201712	(9,182.76)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201712	(1,899.40)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201712	(41,272.03)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201712	(7,127.76)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201712	(7,425.24)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201712	0.08	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201712	(5.50)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201712	(27.88)	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201712	(3.98)	a	A, B, C, K
376300-Mains - Plastic	800143	F0599	Hwy 71 & Gregory Grid Replace PhC	201712	4,836.42	a	A, B, C, K
376300-Mains - Plastic	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201712	(19,887.99)	a	A, B, C, K
376300-Mains - Plastic	800146	F0599	Repl w/ 4506F 2P Hwy71 & Gregory-F	201712	(42,112.11)	a	A, B, C, K
376300-Mains - Plastic	800154	F0599	N Budd Park CI Grid Repl Phase 1C	201712	(9,970.36)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201712	(0.69)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201712	108,437.77	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201712	(19,066)	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201712	931.19	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201712	3.91	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201712	30,781.57	a	A, B, C, K
376300-Mains - Plastic	800261	F0604	Repl w/ 5647F 2P Clarksburg Ph B	201712	(12,847.55)	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201712	1,375.69	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201712	(20.17)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201712	957.93	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201712	2,097.17	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201712	5,373.13	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201712	514.35	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201712	2,063.23	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201712	2,272.61	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201712	6,399.11	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St. Joe Grid Ph 2C	201712	201.25	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201712	951.24	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201712	80,321.71	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201712	2,191.34	a	A, B, C, K
376300-Mains - Plastic	800474	F0572	Repl w 2597F 4P 1201 Schifferdecker	201712	(2,732.03)	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201712	399.28	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201712	5.26	a	A, B, C, K
376300-Mains - Plastic	800549	F0599	Repl w 225F 2P Charlotte&PacificAOR	201712	1,582.84	a	A, B, C, F, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201712	(1.24)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201712	1.35	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201712	2,031.17	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201712	10,921.32	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201712	0.65	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201712	147,000.47	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201712	1,790.41	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201712	1,159.82	a	A, B, C, K
376300-Mains - Plastic	800834	F0572	Repl w 1590F 2P 8th & Geneva	201712	(1,169.29)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201712	0.50	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201712	570.50	a	A, B, C, K

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 ISRS Work Order Additions Oct17 - Apr18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201712	325,251.85	a	A, B, C, K
376300-Mains - Plastic	800901	F0599	Repl w 30F 4P Lydia at 8th & 9th AOR	201712	(2,314.18)	a	A, B, C, F, K
376300-Mains - Plastic	800902	F0599	Repl w 40F 6P 9th & Woodland AOR	201712	(6,874.30)	a	A, B, C, F, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201712	2,486.09	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201712	16.09	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201712	(3.43)	a	A, B, C, F, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201712	106,633.65	a	A, B, C, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201712	23,580.60	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201712	18,953.66	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201712	940.68	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 8P 29th and Bales	201712	(12.23)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201712	675,780.04	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201712	1,388.19	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201712	1,195.75	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201712	(9,154.55)	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201712	0.18	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201712	5.01	a	A, B, C, F, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201712	569.60	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201712	2.01	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201712	5.67	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201712	0.57	a	A, B, C, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201712	26,334.99	a	A, B, C, F, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201712	33,627.94	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201712	10.84	a	A, B, C, F, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201801	3,086.10	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201801	6,611.65	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201801	174.62	a	A, B, C, D, E, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201801	(7,786.88)	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201801	(2.13)	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201801	2,520.70	a	A, B, C, K
376300-Mains - Plastic	800100	F0604	Repl w/ 9461F 2P Kingsville Ph2	201801	(87,530.54)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201801	12.83	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201801	11.58	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201801	1.26	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1385F 2P Liberty PHH	201801	(825.04)	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201801	257,495.98	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201801	102,448.69	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201801	1.49	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201801	47.49	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201801	48.88	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201801	(59.46)	a	A, B, C, K
376300-Mains - Plastic	800143	F0599	Hwy 71 & Gregory Grid Replace PhC	201801	4,659.12	a	A, B, C, K
376300-Mains - Plastic	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201801	18,277.45	a	A, B, C, K
376300-Mains - Plastic	800146	F0599	Repl w/ 4506F 2P Hwy71 & Gregory-F	201801	22,524.59	a	A, B, C, K
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201801	294,573.37	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201801	603,859.36	a	A, B, C, K
376300-Mains - Plastic	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201801	309,358.48	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201801	564,743.99	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201801	38.01	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201801	5.42	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201801	(302.77)	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201801	16.04	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201801	77.52	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201801	16,948.01	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201801	3.55	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201801	1,068.28	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201801	186.61	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201801	1,573.34	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201801	64.15	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201801	1,227.28	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201801	191.27	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201801	(106.87)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201801	51.30	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201801	283,319.38	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St. Joe Grid Ph 2C	201801	565.40	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201801	2,027.40	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201801	2,522.06	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201801	348,605.15	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201801	23.31	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201801	65,057.32	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201801	229,056.31	a	A, B, C, K
376300-Mains - Plastic	800474	F0572	Repl w 2597F 4P 1201 Schifferdecker	201801	4,108.75	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201801	(6,807.70)	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201801	82.82	a	A, B, C, K
376300-Mains - Plastic	800549	F0599	Repl w 225F 2P Charlotte&PacificaOR	201801	389.83	a	A, B, C, F, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201801	(19.83)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201801	20.93	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201801	16.57	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201801	25.49	a	A, B, C, K
376300-Mains - Plastic	800622	F0604	Repl w/ 5785F 2P 29th & Northern	201801	180,940.67	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201801	9.93	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201801	5,293.15	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201801	9,192.41	a	A, B, C, K
376300-Mains - Plastic	800826	F0599	Repl 670F 2-4-6P 10th & Benton	201801	(3,679.87)	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201801	13.75	a	A, B, C, K
376300-Mains - Plastic	800830	F0604	Repl w 1500F 2P Green & Peyton	201801	(4,700.69)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201801	8.17	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201801	22.07	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201801	36,407.34	a	A, B, C, K
376300-Mains - Plastic	800900	F0599	Repl w 30F 4P 2525 OakleyAOR	201801	18,310.68	a	A, B, C, F, K
376300-Mains - Plastic	800932	F0604	Repl w 750F 2P Nipper S of Spring	201801	(438.13)	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201801	44.02	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201801	5,849.37	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201801	2.48	a	A, B, C, F, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201801	3,061.76	a	A, B, C, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201801	13,333.28	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201801	26,701.85	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201801	(6.05)	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201801	14.92	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201801	8,118.83	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201801	3,410.24	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201801	1,599.47	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201801	7.30	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201801	1,509.82	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201801	2.43	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201801	(5.77)	a	A, B, C, F, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201801	479,004.40	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201801	361,956.64	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201801	5.87	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201801	32.83	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201801	12.68	a	A, B, C, K
376300-Mains - Plastic	801410	F0599	Repl 612F 2P 26th Terr & Topping	201801	(1,353.41)	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201801	9.10	a	A, B, C, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201801	561.43	a	A, B, C, F, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201801	609.43	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201801	133.57	a	A, B, C, F, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201802	3,444.87	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201802	1,003.86	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201802	0.26	a	A, B, C, D, E, K
376300-Mains - Plastic	800039	F0599	Pickett Rd and 29th St - Main Repla	201802	31,648.54	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201802	7.70	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201802	(2.01)	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201802	2,964.86	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201802	0.08	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201802	0.33	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201802	0.05	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201802	17.06	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201802	327.10	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201802	(50.80)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201802	0.03	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201802	0.97	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201802	(16.55)	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201802	(1.41)	a	A, B, C, K
376300-Mains - Plastic	800142	F0599	Hwy 71 and Gregory Grid Replace PhB	201802	(13,952.41)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201802	(1,386.22)	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201802	2.95	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201802	1.13	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201802	0.20	a	A, B, C, K
376300-Mains - Plastic	800230	F0599	5227 Norton CI Replacement - IUI	201802	(8,782.33)	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201802	(7.70)	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201802	(43,526.32)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201802	(15,969.05)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201802	20,044.40	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201802	1,861.26	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201802	(8.69)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201802	4.84	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201802	(9.60)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201802	2.69	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201802	(23.50)	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201802	6.17	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201802	2.32	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201802	3.75	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201802	55,157.67	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201802	(157.02)	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201802	(528.92)	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St. Joe's Ph2E	201802	529,127.08	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201802	26.50	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387F 2-4P Pleasant Hill Ph7	201802	43,908.15	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201802	0.45	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201802	(8,342.26)	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201802	2,827.92	a	A, B, C, K
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201802	(2,607.23)	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201802	0.11	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201802	2.75	a	A, B, C, K
376300-Mains - Plastic	800566	F0604	Repl w/ 3425F 2P 12th & Lipper	201802	(5,487.03)	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201802	(0.59)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201802	0.67	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201802	2,322.07	a	A, B, C, K
376300-Mains - Plastic	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201802	(1,539.93)	a	A, B, C, K
376300-Mains - Plastic	800610	F0572	Repl w/ 6055F 2-4P Marionville PhC	201802	2,171.82	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201802	0.53	a	A, B, C, K
376300-Mains - Plastic	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201802	15,742.93	a	A, B, C, K
376300-Mains - Plastic	800711	F0572	Repl w/ 1020F 13th Hervey	201802	493.07	a	A, B, C, K
376300-Mains - Plastic	800726	F0572	Repl w/ 705F 4P 17th & Grand	201802	(3,622.11)	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201802	0.41	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201802	453.35	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201802	1.11	a	A, B, C, K
376300-Mains - Plastic	800824	F0599	Repl w 420F 2-4P 9th & Bales	201802	5,613.61	a	A, B, C, K
376300-Mains - Plastic	800825	F0599	Repl w 251F 2-12P Highland/Independ	201802	9,007.67	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201802	(702.72)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201802	0.23	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201802	0.71	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201802	30,703.37	a	A, B, C, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201802	5,602.41	a	A, B, C, K
376300-Mains - Plastic	800932	F0604	Repl w 750F 2P Nipper S of Spring	201802	29,384.76	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201802	(35,952.46)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201802	1,902,207.84	a	A, B, C, K
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201802	1,667,597.06	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201802	(8,153.76)	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201802	(6.20)	a	A, B, C, F, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201802	9,274.04	a	A, B, C, K
376300-Mains - Plastic	801115	F0599	Repl 535F 2-4P 9th & Forest AOR	201802	39,760.72	a	A, B, C, F, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201802	(12,534.06)	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201802	(217.94)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201802	(0.15)	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201802	(3,072.16)	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201802	0.78	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201802	1,113,449.78	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201802	2,163.13	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201802	(340.77)	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201802	0.44	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201802	(5.09)	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201802	0.01	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201802	(0.02)	a	A, B, C, F, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201802	(6,031.04)	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201802	35,994.31	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201802	(1,672.59)	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201802	(3,936.04)	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201802	0.20	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201802	0.95	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201802	0.43	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201802	0.23	a	A, B, C, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201802	(22.78)	a	A, B, C, F, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201802	3,577.16	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201802	65,917.04	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201802	(3,762.71)	a	A, B, C, F, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201802	128,886.95	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201802	161,376.65	a	A, B, C, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201803	5,032.46	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201803	(1,722.68)	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201803	9,786.96	a	A, B, C, D, E, K
376300-Mains - Plastic	800039	F0599	Pickett Rd and 29th St - Main Repla	201803	195,762.75	a	A, B, C, K
376300-Mains - Plastic	800073	F0604	Tipton Grid Phase F - Bare steel re	201803	(7,638.63)	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201803	121.06	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201803	1.73	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201803	(2,863.93)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201803	(16.04)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201803	(15.91)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201803	(1.74)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201803	11.74	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201803	(486.34)	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201803	(379.03)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201803	(2.03)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201803	(64.27)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201803	(6,649.58)	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201803	81.03	a	A, B, C, K
376300-Mains - Plastic	800142	F0599	Hwy 71 and Gregory Grid Replace PhB	201803	55,478.22	a	A, B, C, K
376300-Mains - Plastic	800152	F0599	N Budd Park CI Grid Repl Phase 1A	201803	(48,949.98)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201803	(850.36)	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201803	(124.96)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201803	(52.19)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201803	(7.53)	a	A, B, C, K
376300-Mains - Plastic	800230	F0599	5227 Norton CI Replacement - IUI	201803	8,321.93	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201803	413.82	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201803	(15,678.00)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201803	3,228.17	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201803	(4,128.32)	a	A, B, C, K
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201803	1,972.72	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201803	2,733.02	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201803	1,126.75	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201803	669.18	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201803	(51.44)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201803	(265.40)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201803	(273.43)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201803	(143.12)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201803	20.55	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201803	(23,343.07)	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201803	(70.43)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201803	(207.12)	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201803	(5,369.24)	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201803	(13,540.47)	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201803	(2,158.06)	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201803	(60,490.44)	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201803	3,810.97	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201803	(3,079.57)	a	A, B, C, K
376300-Mains - Plastic	800439	F0599	KC-39th & State Line Cast Iron PhB	201803	(411,515.25)	a	A, B, C, K
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201803	(139,534.88)	a	A, B, C, K
376300-Mains - Plastic	800441	F0599	KC-39th & State Line Cast Iron PhA	201803	(137,504.72)	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201803	(31.48)	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201803	(2,563.67)	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201803	(768.81)	a	A, B, C, K
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201803	19.49	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201803	9,394.93	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201803	(114.16)	a	A, B, C, K
376300-Mains - Plastic	800558	F0572	Repl w 3645F 2-4P Neosho Grid Ph1	201803	(67,275.33)	a	A, B, C, K
376300-Mains - Plastic	800566	F0604	Repl w/ 3425F 2P 12th & Lipper	201803	45,731.56	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201803	27.20	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201803	(28.83)	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201803	(31.82)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201803	(20,045.75)	a	A, B, C, K
376300-Mains - Plastic	800610	F0572	Repl w/ 6055F 2-4P Marionville PhC	201803	(83,286.12)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201803	(34.65)	a	A, B, C, K
376300-Mains - Plastic	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201803	13,485.95	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201803	(13.77)	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201803	(182.95)	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201803	(17,757.75)	a	A, B, C, K
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201803	720,142.27	a	A, B, C, K
376300-Mains - Plastic	800824	F0599	Repl w 420F 2-4P 9th & Bales	201803	(16,562.66)	a	A, B, C, K
376300-Mains - Plastic	800826	F0599	Repl 670F 2-4-6P 10th & Benton	201803	4,281.33	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201803	53,849.17	a	A, B, C, K
376300-Mains - Plastic	800830	F0604	Repl w 1500F 2P Green & Peyton	201803	28,634.48	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201803	(11.17)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201803	(35.13)	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201803	(6,595.66)	a	A, B, C, K
376300-Mains - Plastic	800900	F0599	Repl w 30F 4P 2525 OakleyAOR	201803	(2,841.82)	a	A, B, C, F, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201803	(84,122.64)	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201803	126,523.08	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201803	168,027.59	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201803	(1,153.18)	a	A, B, C, K
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201803	2,761.10	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Budd Park Header Ph3	201803	(241.14)	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201803	10.26	a	A, B, C, F, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201803	288.67	a	A, B, C, K
376300-Mains - Plastic	801115	F0599	Repl 535F 2-4P 9th & Forest AOR	201803	(5,764.94)	a	A, B, C, F, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201803	(4,472.23)	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201803	(681.45)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201803	(6,602.28)	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201803	8,203.99	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201803	(122.62)	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201803	(3,699.28)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201803	(996.31)	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201803	(10,109.94)	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201803	899,042.96	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201803	(2,304.95)	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201803	8.32	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201803	(8,360.74)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201803	7.49	a	A, B, C, F, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201803	13,165.78	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201803	23,159.45	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201803	(7,600.77)	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201803	(24,470.71)	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201803	(9.05)	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201803	4,544.22	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201803	(17.49)	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201803	324,192.62	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201803	(1,116.05)	a	A, B, C, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201803	(476.24)	a	A, B, C, F, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201803	(172.37)	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201803	27,893.80	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201803	(2,109.47)	a	A, B, C, F, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201803	(16,089.40)	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201803	19,951.16	a	A, B, C, K
376300-Mains - Plastic	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201803	54,993.45	a	A, B, C, F, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201804	1,672.13	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201804	4,546.40	a	A, B, C, D, E, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201804	(365.98)	a	A, B, C, D, E, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201804	61.37	a	A, B, C, K
376300-Mains - Plastic	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201804	(4,700.80)	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201804	1.33	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201804	(949.85)	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201804	339,194.69	a	A, B, C, K
376300-Mains - Plastic	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201804	74,579.46	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201804	(7.92)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201804	(7.99)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201804	(0.89)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201804	5.97	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201804	(223.93)	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201804	(156.74)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201804	(1.01)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201804	(32.07)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201804	7.19	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201804	40.57	a	A, B, C, K
376300-Mains - Plastic	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201804	276,308.89	a	A, B, C, K
376300-Mains - Plastic	800152	F0599	N Budd Park CI Grid Repl Phase 1A	201804	(3,793.20)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201804	4,995.32	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201804	(63.21)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201804	(26.33)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201804	(3.77)	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201804	207.27	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201804	(12.16)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201804	(62.37)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201804	(22,715.71)	a	A, B, C, K
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201804	(25.41)	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201804	(71.93)	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201804	(16.88)	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201804	(35.57)	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201804	(16,308.22)	a	A, B, C, K
376300-Mains - Plastic	800275	F0604	Repl w 6004F 2-4P Carrollton Ph B	201804	(6,104.25)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201804	(133.38)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201804	(137.38)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201804	(71.95)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201804	21.76	a	A, B, C, K

Spire Missouri West
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201804	(11,709.83)	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201804	(35.16)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201804	(103.85)	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201804	(2,548.73)	a	A, B, C, K
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201804	1,000,464.78	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201804	5,512.08	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w 6468F 2P St. Joe's Ph2D	201804	(338.46)	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201804	4,080.44	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201804	(1,036.94)	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201804	19,634.69	a	A, B, C, K
376300-Mains - Plastic	800431	F0599	Target Marlborough West Phase 1	201804	(45,066.08)	a	A, B, C, K
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201804	26.82	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201804	(15.75)	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201804	(966.55)	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201804	5,265.76	a	A, B, C, K
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201804	687,936.30	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201804	(3.07)	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201804	(57.82)	a	A, B, C, K
376300-Mains - Plastic	800558	F0572	Repl w 3645F 2-4P Neosho Grid Ph1	201804	(11,412.98)	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201804	(30,857.47)	a	A, B, C, K
376300-Mains - Plastic	800598	F0604	Repl w 7500F 2-4P Alma Phase 2	201804	(19,161.19)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201804	(7,977.87)	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201804	2,111.78	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201804	(110.32)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201804	(17.38)	a	A, B, C, K
376300-Mains - Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201804	458,109.33	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201804	(7.00)	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201804	7,720.00	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201804	23,367.66	a	A, B, C, K
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201804	6,644.40	a	A, B, C, K
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201804	562,541.38	a	A, B, C, K
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201804	435,339.07	a	A, B, C, K
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201804	743,710.28	a	A, B, C, K
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201804	756,974.47	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201804	(14.82)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201804	(5.61)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201804	(17.88)	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201804	744.20	a	A, B, C, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201804	(4.50)	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201804	(13,996.87)	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201804	(53.03)	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201804	(2,954.01)	a	A, B, C, K
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201804	3,086.29	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201804	(113.19)	a	A, B, C, K
376300-Mains - Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201804	596,732.37	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201804	12.62	a	A, B, C, F, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201804	(1,527.41)	a	A, B, C, K
376300-Mains - Plastic	801115	F0599	Repl 535F 2-4P 9th & Forest AOR	201804	(363.07)	a	A, B, C, F, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201804	(1,240.68)	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201804	(343.47)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201804	4.03	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201804	(10.99)	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201804	(61.83)	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201804	(2,348.40)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201804	(27.47)	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201804	77,149.35	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201804	(6,800.62)	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201804	1,812.26	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201804	10.26	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201804	(354.86)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201804	3.67	a	A, B, C, F, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201804	(985.81)	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201804	(865.71)	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201804	(4,071.91)	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201804	(6,876.95)	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Raiston	201804	217,433.52	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201804	(4.52)	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201804	(10,894.97)	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201804	(1,820.81)	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201804	90.35	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201804	400,674.32	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201804	335,080.23	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201804	(5.90)	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201804	861,077.57	a	A, B, C, K
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201804	358,243.87	a	A, B, C, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201804	(212.65)	a	A, B, C, F, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201804	(260.70)	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201804	(1,674.83)	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201804	(42.31)	a	A, B, C, F, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201804	(1,984.18)	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201804	81,647.71	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201804	2,759.63	a	A, B, C, K
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201804	65,971.17	a	A, B, C, K
376300-Mains - Plastic	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201804	2,068.73	a	A, B, C, F, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201805	130.61	a	A, B, C, D, E, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201805	25,066.08	a	A, B, C, D, E, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201805	57,692.36	a	A, B, C, D, E, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201805	(39,340.51)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201805	(36,910.48)	a	A, B, C, K
376300-Mains - Plastic	800156	F0599	N Budd Park CI Grid Repl Phase 1E	201805	(35,659.70)	a	A, B, C, K
376300-Mains - Plastic	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201805	(30,844.27)	a	A, B, C, K
376300-Mains - Plastic	800439	F0599	KC-39th & State Line Cast Iron PhB	201805	(23,767.81)	a	A, B, C, K
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201805	(10,152.48)	a	A, B, C, K

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 ISRS Work Order Additions Oct17 - Apr18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201805	(5,644.90)	a	A, B, C, K
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201805	(2,186.07)	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201805	(1,034.22)	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201805	(37.91)	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201805	(18.51)	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201805	(3.19)	a	A, B, C, K
376300-Mains - Plastic	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201805	3.38	a	A, B, C, K
376300-Mains - Plastic	800441	F0599	KC-39th & State Line Cast Iron PhA	201805	5,302.88	a	A, B, C, K
376300-Mains - Plastic	800825	F0599	Repl w 251F 2-12P Highland/Independ	201805	6,046.08	a	A, B, C, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201805	6,172.94	a	A, B, C, K
376300-Mains - Plastic	801297	F0599	Repl 380F 2P Cherry and Gillham Rd	201805	12,106.96	a	A, B, C, K
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201805	15,704.81	a	A, B, C, K
376300-Mains - Plastic	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201805	161,362.66	a	A, B, C, K
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201805	287,954.68	a	A, B, C, K
376300-Mains - Plastic	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201805	501,314.60	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201805	541,845.71	a	A, B, C, K
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201805	546,032.28	a	A, B, C, K
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201805	529,441.33	a	A, B, C, K
376300-Mains - Plastic	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201805	579,976.80	a	A, B, C, K
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201805	581,366.36	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201805	586,980.97	a	A, B, C, K
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201805	603,380.50	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201805	660,132.58	a	A, B, C, K
376300-Mains - Plastic	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201805	700,078.57	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201805	794,958.54	a	A, B, C, K
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201805	839,688.34	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201805	866,435.30	a	A, B, C, K
376300-Mains - Plastic	800496	F0599	Repl w 7350F 2-4P 63rd & 55th St	201805	973,456.57	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w 5940F 2-4P 63rd & 55th -1C	201805	1,033,635.90	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201805	1,213,082.69	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201805	1,426,125.75	a	A, B, C, K
376300-Mains - Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201805	1,446,023.19	a	A, B, C, K
376300-Mains - Plastic	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201805	(83.90)	a	A, B, C, F, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201805	(38.96)	a	A, B, C, F, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201805	(22.71)	a	A, B, C, F, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201805	(2.14)	a	A, B, C, F, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201805	(0.33)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201805	1.05	a	A, B, C, F, K
376300-Mains - Plastic	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201805	20,679.26	a	A, B, C, F, K
376300-Mains - Plastic	800627	F0599	Repl 40F 4P AOR 2026 48th Ter	201805	26,354.33	a	A, B, C, F, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201805	(85,854.12)	a	A, B, C, K
376300-Mains - Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201805	(53,632.99)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201805	(49,236.25)	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201805	(44,168.66)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201805	(43,265.37)	a	A, B, C, K
376300-Mains - Plastic	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201805	(29,562.05)	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201805	(27,495.91)	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201805	(19,535.80)	a	A, B, C, K
376300-Mains - Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201805	(18,752.88)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201805	(18,290.33)	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201805	(17,872.10)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201805	(18,008.01)	a	A, B, C, K
376300-Mains - Plastic	800335	F0599	St. Joe's South Grid Phase 2A - MGE	201805	(17,376.11)	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201805	(17,175.81)	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6488F 2P St. Joe's Ph2D	201805	(11,349.33)	a	A, B, C, K
376300-Mains - Plastic	800275	F0604	Repl w 6004F 2-4P Carrollton Ph B	201805	(10,886.21)	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201805	(10,026.61)	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201805	(9,862.61)	a	A, B, C, K
376300-Mains - Plastic	800073	F0604	Tipton Grid Phase F - Bare steel re	201805	(8,161.82)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201805	(8,173.45)	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201805	(6,800.13)	a	A, B, C, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201805	(5,347.47)	a	A, B, C, K
376300-Mains - Plastic	800412	F0572	Repl w/ 5734F 2-4P Purcell 1B	201805	(5,012.12)	a	A, B, C, K
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201805	(4,887.75)	a	A, B, C, K
376300-Mains - Plastic	800849	F0604	Repl 1330F 2P Carrollton Grid Ph J	201805	(3,796.63)	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201805	(3,755.95)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201805	(3,560.10)	a	A, B, C, K
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201805	(2,434.98)	a	A, B, C, K
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201805	(1,833.34)	a	A, B, C, K
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201805	(1,845.59)	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201805	(1,295.50)	a	A, B, C, K
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201805	(905.70)	a	A, B, C, K
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201805	(528.42)	a	A, B, C, K
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201805	(463.18)	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201805	(423.24)	a	A, B, C, K
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201805	(266.22)	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201805	(247.21)	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201805	(104.26)	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201805	(41.22)	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201805	(35.35)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201805	(17.86)	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201805	(17.00)	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201805	(6.41)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201805	(5.18)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201805	(5.05)	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201805	(4.59)	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201805	(4.57)	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201805	(4.28)	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201805	(3.68)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201805	(2.42)	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201805	(2.42)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201805	(2.39)	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201805	(2.06)	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201805	(1.72)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrolton Grid Ph L	201805	(1.67)	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201805	(1.36)	a	A, B, C, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201805	(1.25)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201805	(1.13)	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201805	(0.91)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201805	(0.24)	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201805	1.73	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201805	3.88	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201805	6.71	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201805	11.90	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201805	18.10	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201805	61.03	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201805	160.96	a	A, B, C, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201805	436.12	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201805	585.44	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201805	864.44	a	A, B, C, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201805	1,008.74	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201805	1,127.89	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201805	1,288.33	a	A, B, C, K
376300-Mains - Plastic	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201805	1,376.14	a	A, B, C, K
376300-Mains - Plastic	800598	F0604	Repl w 7500F 2-4P Alma Phase 2	201805	1,575.87	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201805	1,631.39	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201805	1,925.30	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Sheley & E33rd Ter	201805	1,895.20	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201805	2,769.17	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201805	3,222.18	a	A, B, C, K
376300-Mains - Plastic	800127	F0604	FY16 Strategic Grid MGE-Belton Ph2A	201805	3,300.78	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201805	3,406.36	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201805	3,484.58	a	A, B, C, K
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201805	4,374.41	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201805	6,731.45	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201805	11,171.01	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201805	11,043.32	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201805	14,396.55	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201805	14,470.72	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201805	15,094.03	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201805	17,819.18	a	A, B, C, K
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201805	19,804.55	a	A, B, C, K
376300-Mains - Plastic	800431	F0599	Target Marlborough West Phase 1	201805	24,073.39	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrolton Phase H	201805	30,479.32	a	A, B, C, K
376300-Mains - Plastic	800756	F0599	Repl w 1353F 2P Grandview & 115th	201805	45,561.27	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201805	86,288.31	a	A, B, C, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201805	95,302.75	a	A, B, C, K
376300-Mains - Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201805	105,120.55	a	A, B, C, K
376300-Mains - Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201805	147,541.89	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201805	206,365.51	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201805	213,141.69	a	A, B, C, K
376300-Mains - Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201805	269,132.74	a	A, B, C, K
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201805	270,638.92	a	A, B, C, K
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201805	301,180.95	a	A, B, C, K
376300-Mains - Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201805	305,632.71	a	A, B, C, K
376300-Mains - Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201805	335,359.91	a	A, B, C, K
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201805	340,067.42	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201805	337,148.42	a	A, B, C, K
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201805	352,476.91	a	A, B, C, K
376300-Mains - Plastic	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201805	363,343.24	a	A, B, C, K
376300-Mains - Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201805	378,419.81	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201805	663,099.51	a	A, B, C, K
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201805	689,200.01	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201805	943,779.84	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201805	(18.23)	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201805	126.70	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201805	2,682.18	a	A, B, C, K
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201805	196,558.39	a	A, B, C, K
376300-Mains - Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201805	280,587.34	a	A, B, C, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201805	(137.92)	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201805	(18.13)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201805	11,211.74	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201805	217,899.68	a	A, B, C, K
376300-Mains - Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201805	267,503.75	a	A, B, C, K
376300-Mains - Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201805	335,318.02	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201805	(5,467.95)	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201805	(4,012.39)	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201805	(65.08)	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201805	(1.76)	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201805	1.21	a	A, B, C, K
376300-Mains - Plastic	801874	F0572	Repl 885F 4P 111 N Turk - Joplin	201805	3,633.45	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201805	35,021.49	a	A, B, C, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201805	88,436.32	a	A, B, C, K
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201805	140,103.77	a	A, B, C, K
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201805	266,181.23	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201805	262,553.46	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201805	343,673.78	a	A, B, C, K
376300-Mains - Plastic	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201805	436,770.80	a	A, B, C, K
376300-Mains - Plastic	800702	F0599	Rel w 4442F 2-4-6-8P Wornall@85th	201805	518,706.93	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201806	(189,432.32)	a	A, B, C, K
376300-Mains - Plastic	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201806	(136,071.90)	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201806	(115,517.98)	a	A, B, C, K
376300-Mains - Plastic	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201806	(73,589.59)	a	A, B, C, K
376300-Mains - Plastic	800156	F0599	N Budd Park CI Grid Repl Phase 1E	201806	(69,411.16)	a	A, B, C, K
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201806	(66,751.76)	a	A, B, C, K
376300-Mains - Plastic	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201806	(62,034.98)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201806	(60,307.56)	a	A, B, C, K
376300-Mains - Plastic	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201806	(49,453.40)	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park Cl Repl Phase 1G IUI	201806	(40,660.80)	a	A, B, C, K
376300-Mains - Plastic	800285	F0604	Repl 2470F 2P Carrollton Phase H	201806	(37,536.25)	a	A, B, C, K
376300-Mains - Plastic	800127	F0604	FY16 Strategic Grid MGE-Belton Ph2A	201806	(35,272.78)	a	A, B, C, K
376300-Mains - Plastic	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201806	(34,160.92)	a	A, B, C, K
376300-Mains - Plastic	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201806	(27,571.80)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201806	(26,819.35)	a	A, B, C, K
376300-Mains - Plastic	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201806	(23,678.55)	a	A, B, C, K
376300-Mains - Plastic	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201806	(22,656.09)	a	A, B, C, K
376300-Mains - Plastic	800336	F0599	Repl w/ 3147F 4-8P St Joe's Ph2B	201806	(20,553.59)	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201806	(19,037.07)	a	A, B, C, K
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201806	(13,271.02)	a	A, B, C, K
376300-Mains - Plastic	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201806	(12,025.49)	a	A, B, C, K
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201806	(11,138.91)	a	A, B, C, K
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201806	(10,023.35)	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201806	(9,155.77)	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201806	(8,754.12)	a	A, B, C, K
376300-Mains - Plastic	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201806	(7,760.66)	a	A, B, C, K
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201806	(8,199.89)	a	A, B, C, K
376300-Mains - Plastic	800856	F0604	Repl 3494F 2P Carrollton Grid Ph K	201806	(5,964.07)	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shelley & E33rd Ter	201806	(4,590.65)	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201806	(4,848.84)	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201806	(3,857.50)	a	A, B, C, K
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grid Ph L	201806	(3,785.02)	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201806	(3,578.86)	a	A, B, C, K
376300-Mains - Plastic	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PHH	201806	(3,597.44)	a	A, B, C, K
376300-Mains - Plastic	801602	F0599	Repl 30F 8P Topping & Smart AOR	201806	(2,500.44)	a	A, B, C, F, K
376300-Mains - Plastic	800702	F0599	Rel w 4442F 2-4-6-8P Wornall@85th	201806	(2,464.57)	a	A, B, C, K
376300-Mains - Plastic	800412	F0572	Repl w/ 5734F 2-4P Purcell 1B	201806	(2,294.11)	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201806	(2,251.74)	a	A, B, C, K
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 /Gregory Ph O	201806	(2,238.37)	a	A, B, C, K
376300-Mains - Plastic	801041	F0599	Inst 9410F 8-12 Budd Park HeaderPh2	201806	(2,050.41)	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201806	(1,943.70)	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201806	(1,673.14)	a	A, B, C, K
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201806	(1,712.59)	a	A, B, C, K
376300-Mains - Plastic	801119	F0572	Repl 2794F 2P 34th and Pearl	201806	(1,709.42)	a	A, B, C, K
376300-Mains - Plastic	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201806	(1,597.36)	a	A, B, C, K
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201806	(1,448.54)	a	A, B, C, K
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201806	(1,466.75)	a	A, B, C, K
376300-Mains - Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201806	(1,422.19)	a	A, B, C, K
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201806	(1,221.91)	a	A, B, C, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201806	(1,201.63)	a	A, B, C, F, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201806	(1,113.68)	a	A, B, C, K
376300-Mains - Plastic	801224	F0599	Repl 1282F 2P 61st & Indiana	201806	(1,087.27)	a	A, B, C, K
376300-Mains - Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201806	(1,094.86)	a	A, B, C, K
376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201806	(1,029.90)	a	A, B, C, K
376300-Mains - Plastic	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201806	(962.87)	a	A, B, C, K
376300-Mains - Plastic	801253	F0572	Repl 727F 2P 313 S Oak St	201806	(983.40)	a	A, B, C, K
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201806	(970.13)	a	A, B, C, K
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201806	(876.43)	a	A, B, C, K
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201806	(890.34)	a	A, B, C, K
376300-Mains - Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201806	(750.54)	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201806	(702.42)	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201806	(637.09)	a	A, B, C, K
376300-Mains - Plastic	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201806	(544.78)	a	A, B, C, K
376300-Mains - Plastic	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201806	(474.65)	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201806	(499.15)	a	A, B, C, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201806	(486.29)	a	A, B, C, K
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1F Header	201806	(453.77)	a	A, B, C, K
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201806	(421.42)	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201806	(443.38)	a	A, B, C, K
376300-Mains - Plastic	007054	F0604	BWO Mains Installed Mtce-Southwest	201806	(144.63)	a	A, B, C, D, E, K
376300-Mains - Plastic	801625	F0599	Repl 663F 2P 59th & Cypress Place	201806	(315.99)	a	A, B, C, K
376300-Mains - Plastic	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201806	(294.08)	a	A, B, C, K
376300-Mains - Plastic	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201806	(271.78)	a	A, B, C, K
376300-Mains - Plastic	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201806	(261.05)	a	A, B, C, K
376300-Mains - Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201806	(243.08)	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201806	(166.25)	a	A, B, C, K
376300-Mains - Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201806	(149.42)	a	A, B, C, K
376300-Mains - Plastic	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201806	(143.41)	a	A, B, C, K
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201806	(119.04)	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201806	(113.84)	a	A, B, C, K
376300-Mains - Plastic	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201806	(104.73)	a	A, B, C, K
376300-Mains - Plastic	800654	F0572	Repl w 5185F 2-6P Neosho C-001 1B	201806	(67.28)	a	A, B, C, K
376300-Mains - Plastic	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201806	(66.97)	a	A, B, C, K
376300-Mains - Plastic	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201806	(63.03)	a	A, B, C, K
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Bud Park Header Ph3	201806	(62.65)	a	A, B, C, K
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201806	(33.75)	a	A, B, C, K
376300-Mains - Plastic	801167	F0604	Repl 925F 6P Jefferson St	201806	(34.22)	a	A, B, C, K
376300-Mains - Plastic	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201806	(32.03)	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201806	(24.59)	a	A, B, C, F, K
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201806	(23.48)	a	A, B, C, K
376300-Mains - Plastic	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201806	(14.89)	a	A, B, C, K
376300-Mains - Plastic	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201806	(12.49)	a	A, B, C, K
376300-Mains - Plastic	801356	F0604	Repl 5950 2-4P Emma Grd Miller 1A	201806	(12.14)	a	A, B, C, K
376300-Mains - Plastic	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	201806	(9.68)	a	A, B, C, K
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201806	(8.72)	a	A, B, C, K
376300-Mains - Plastic	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201806	(8.77)	a	A, B, C, K
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201806	(8.70)	a	A, B, C, K
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201806	(8.49)	a	A, B, C, K
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	201806	(8.25)	a	A, B, C, K
376300-Mains - Plastic	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201806	(7.01)	a	A, B, C, K

Spire Missouri West
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 ISRS Work Order Additions Oct17 - Apr18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201806	(4.93)	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201806	(4.81)	a	A, B, C, K
376300-Mains - Plastic	800123	F0599	Repl w 4550F 2P Liberty Phase F	201806	(4.40)	a	A, B, C, K
376300-Mains - Plastic	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201806	(4.48)	a	A, B, C, K
376300-Mains - Plastic	800122	F0599	Repl w/ 4565F 2P Liberty PHE	201806	(4.45)	a	A, B, C, K
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201806	(3.82)	a	A, B, C, K
376300-Mains - Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201806	(3.31)	a	A, B, C, K
376300-Mains - Plastic	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201806	(2.74)	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201806	(2.53)	a	A, B, C, K
376300-Mains - Plastic	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201806	(2.47)	a	A, B, C, K
376300-Mains - Plastic	800163	F0572	Webb City Phase 1D Bare Steel Repla	201806	(2.11)	a	A, B, C, K
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201806	(1.66)	a	A, B, C, K
376300-Mains - Plastic	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201806	(1.65)	a	A, B, C, F, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201806	(0.69)	a	A, B, C, F, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201806	(0.48)	a	A, B, C, K
376300-Mains - Plastic	800083	F0604	Holden Grid Phase 2I	201806	1.10	a	A, B, C, K
376300-Mains - Plastic	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201806	1.48	a	A, B, C, K
376300-Mains - Plastic	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201806	2.23	a	A, B, C, K
376300-Mains - Plastic	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201806	3.30	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201806	3.64	a	A, B, C, K
376300-Mains - Plastic	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201806	5.43	a	A, B, C, K
376300-Mains - Plastic	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201806	6.80	a	A, B, C, K
376300-Mains - Plastic	800977	F0604	Repl 8085F 2P Liberty & Stone	201806	13.26	a	A, B, C, K
376300-Mains - Plastic	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201806	22.52	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phse3	201806	30.84	a	A, B, C, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201806	33.93	a	A, B, C, K
376300-Mains - Plastic	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201806	44.30	a	A, B, C, K
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201806	115.08	a	A, B, C, K
376300-Mains - Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201806	138.37	a	A, B, C, K
376300-Mains - Plastic	801874	F0572	Repl 885F 4P 111 N Turk - Joplin	201806	148.99	a	A, B, C, K
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201806	302.93	a	A, B, C, K
376300-Mains - Plastic	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201806	774.11	a	A, B, C, K
376300-Mains - Plastic	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201806	1,208.22	a	A, B, C, K
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201806	1,256.90	a	A, B, C, F, K
376300-Mains - Plastic	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201806	1,392.34	a	A, B, C, K
376300-Mains - Plastic	801156	F0599	Repl 572F 4P 29th and Bales	201806	1,647.60	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201806	1,800.78	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201806	1,926.81	a	A, B, C, K
376300-Mains - Plastic	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201806	2,042.21	a	A, B, C, F, K
376300-Mains - Plastic	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201806	2,312.98	a	A, B, C, K
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201806	2,974.09	a	A, B, C, K
376300-Mains - Plastic	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201806	3,033.06	a	A, B, C, K
376300-Mains - Plastic	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201806	3,118.35	a	A, B, C, K
376300-Mains - Plastic	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201806	3,868.14	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201806	3,942.02	a	A, B, C, K
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201806	4,176.28	a	A, B, C, K
376300-Mains - Plastic	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201806	4,879.36	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201806	5,215.61	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201806	5,447.67	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201806	5,727.03	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201806	6,472.78	a	A, B, C, K
376300-Mains - Plastic	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201806	7,247.24	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201806	8,234.38	a	A, B, C, K
376300-Mains - Plastic	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201806	9,390.73	a	A, B, C, K
376300-Mains - Plastic	800825	F0599	Repl w 251F 1-2P Highland/Independ	201806	10,545.83	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201806	12,914.08	a	A, B, C, K
376300-Mains - Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201806	13,044.35	a	A, B, C, K
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201806	13,258.89	a	A, B, C, K
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201806	15,606.26	a	A, B, C, K
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201806	15,776.07	a	A, B, C, K
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201806	16,061.93	a	A, B, C, K
376300-Mains - Plastic	007053	F0604	BWO Mains Installed Mtce -South Reg	201806	6,273.92	a	A, B, C, D, E, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201806	16,171.07	a	A, B, C, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201806	16,546.15	a	A, B, C, K
376300-Mains - Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201806	16,950.14	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201806	17,233.68	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201806	18,013.24	a	A, B, C, K
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201806	22,731.48	a	A, B, C, K
376300-Mains - Plastic	801114	F0599	Repl 40F 4P W 51st & Wornall Rd AOR	201806	24,880.33	a	A, B, C, F, K
376300-Mains - Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201806	26,784.85	a	A, B, C, K
376300-Mains - Plastic	800686	F0599	Repl w 50F 4P - 805 Bales CIAOR	201806	27,386.37	a	A, B, C, F, K
376300-Mains - Plastic	007052	F0599	BWO Main Installed Mtce-North Reg	201806	11,085.69	a	A, B, C, D, E, K
376300-Mains - Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201806	30,317.76	a	A, B, C, K
376300-Mains - Plastic	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201806	35,365.75	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201806	35,519.05	a	A, B, C, K
376300-Mains - Plastic	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201806	40,226.50	a	A, B, C, K
376300-Mains - Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201806	41,800.29	a	A, B, C, K
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201806	49,432.60	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201806	52,518.99	a	A, B, C, K
376300-Mains - Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201806	52,622.48	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Wornall	201806	77,658.13	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201806	86,772.65	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201806	89,924.68	a	A, B, C, K
376300-Mains - Plastic	800921	F0599	Repl 1448F 2-4P Benton & 55th	201806	108,214.08	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201806	111,713.36	a	A, B, C, K
376300-Mains - Plastic	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201806	122,925.85	a	A, B, C, K
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201806	127,300.38	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201806	147,260.22	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201806	164,070.13	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201806	184,118.07	a	A, B, C, K
376300-Mains - Plastic	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201806	185,973.02	a	A, B, C, K
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201806	212,592.62	a	A, B, C, K
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201806	239,367.86	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201806	296,389.17	a	A, B, C, K
376300-Mains - Plastic	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201806	305,826.78	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201806	345,674.13	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201806	347,015.72	a	A, B, C, K
376300-Mains - Plastic	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201806	422,130.88	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201806	479,565.81	a	A, B, C, K
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201806	503,624.05	a	A, B, C, K
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201806	543,648.90	a	A, B, C, K
376300-Mains - Plastic	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	201806	546,429.20	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201806	559,678.87	a	A, B, C, K
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201806	580,024.99	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201806	585,246.54	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201806	609,178.82	a	A, B, C, K
376300-Mains - Plastic	801770	F0599	Repl 5170F 8P Brooklyn 9th to 19th	201806	762,162.88	a	A, B, C, K
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201806	916,538.24	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201806	915,636.47	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201806	1,040,251.05	a	A, B, C, K
Total Main Replacements					61,378,001.64		
Service Line Replacements - Steel							
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201710	13,132.44	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201710	1,757.50	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201710	(2.48)	a	A, B, C, K
380100-Services - Steel	800551	F0599	Repl w/ 2962F 2P 58th and Olive	201710	(398.68)	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201711	51,910.62	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201711	12,643.43	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201711	0.65	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201711	716.11	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201712	(1,702.46)	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201712	(230.50)	a	A, B, C, K
380100-Services - Steel	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201712	(57.60)	a	A, B, C, K
380100-Services - Steel	800146	F0599	Repl w/ 4506F 2P Hwy71 & Gregory-F	201712	(130.74)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201712	13.53	a	A, B, C, K
380100-Services - Steel	800834	F0572	Repl w 1590F 2P 8th & Geneva	201712	18.21	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201712	35.88	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201801	12,413.35	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201801	940.70	a	A, B, C, K
380100-Services - Steel	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201801	(459.58)	a	A, B, C, K
380100-Services - Steel	800146	F0599	Repl w/ 4506F 2P Hwy71 & Gregory-F	201801	(847.92)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201801	3.33	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201801	20.29	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201802	(2,982.17)	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201802	(172.92)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201802	4.27	a	A, B, C, K
380100-Services - Steel	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201802	24.60	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201802	(19.05)	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201803	15,058.54	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201803	439.31	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201803	11,715.59	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201803	0.53	a	A, B, C, K
380100-Services - Steel	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201803	(125.52)	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201803	(6.81)	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201804	2,074.89	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201804	(340.08)	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201804	189.51	a	A, B, C, K
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201804	1,892.22	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201804	(0.13)	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201804	657.86	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201804	(1.90)	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201805	(508.64)	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201805	51.25	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201805	2,758.41	a	A, B, C, K
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201805	0.03	a	A, B, C, K
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201805	1,326.44	a	A, B, C, K
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201805	44,677.21	a	A, B, C, K
380100-Services - Steel	801119	F0572	Repl 2794F 2P 34th and Pearl	201805	(744.52)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201805	(0.02)	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201805	(0.25)	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201806	(957.68)	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201806	(96.61)	a	A, B, C, K
380100-Services - Steel	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201806	(24.64)	a	A, B, C, K
380100-Services - Steel	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201806	(18.46)	a	A, B, C, K
380100-Services - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201806	(0.10)	a	A, B, C, K
380100-Services - Steel	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201806	0.68	a	A, B, C, K
380100-Services - Steel	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201806	93.59	a	A, B, C, K
380100-Services - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201806	2,351.24	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201806	4,013.27	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201806	4,457.40	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201806	5,981.41	a	A, B, C, K
Total Service Line Replacements - Steel					181,544.86		
Service Line Replacements - Plastic and Copper							
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201710	(874.43)	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201710	614,774.15	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201710	14,707.84	a	A, B, C, K
380200-Services - Plastic & Copper	004279	F0586	BWO SERVICE LINE MATERIAL CONTRACTO	201710	230.59	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201710	4,261.67	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201710	25,933.35	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201710	440.95	a	A, B, C, K

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 ISRS Work Order Additions Oct17 - Apr18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800046	F0599	Liberty - Grid Phase B	201710	(20.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800069	F0604	Tipton Grid Phase C - Bare steel re	201710	6,941.25	a	A, B, C, K
380200-Services - Plastic & Copper	800070	F0604	Tipton Grid Phase D - Bare steel re	201710	1,518.64	a	A, B, C, K
380200-Services - Plastic & Copper	800072	F0604	Tipton Grid Phase B - Bare steel re	201710	(5.76)	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201710	10,047.72	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201710	24,722.08	a	A, B, C, K
380200-Services - Plastic & Copper	800112	F0599	Liberty - Grid Phase C	201710	(908.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201710	(897.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201710	11.25	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w/ 6463F 2-4P Belton Ph 2B	201710	2.10	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201710	65.22	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201710	(412.37)	a	A, B, C, K
380200-Services - Plastic & Copper	800137	F0599	St. Joe's South Phase 1C - MGE	201710	(57.54)	a	A, B, C, K
380200-Services - Plastic & Copper	800138	F0599	St. Joe's South Phase 1D - MGE	201710	(28.74)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201710	37,520.63	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201710	(436.51)	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201710	56.43	a	A, B, C, K
380200-Services - Plastic & Copper	800260	F0604	Repl w/ 10493F 2-4P Clarksburg PhA	201710	(17,557.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800261	F0604	Repl w/ 5647F 2P Clarksburg Ph B	201710	39.94	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201710	18.33	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w/ 5332F 2p Carrollton Phase C	201710	28.02	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201710	329.67	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201710	0.07	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201710	469.35	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201710	11.44	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201710	10.60	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201710	221.93	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201710	35,365.51	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201710	2,593.00	a	A, B, C, K
380200-Services - Plastic & Copper	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201710	47.76	a	A, B, C, K
380200-Services - Plastic & Copper	800468	F0599	Repl w/ 30F 6P 12th and AskewAOR	201710	(295.47)	a	A, B, C, F, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201710	0.89	a	A, B, C, K
380200-Services - Plastic & Copper	800493	F0604	Aband 2' Bare Steel St Louis St	201710	3,424.66	a	A, B, C, K
380200-Services - Plastic & Copper	800515	F0578	Rel w/ 3105F 2-4P Johnson Dr Storm	201710	5,902.17	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201710	(6.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201710	113.94	a	A, B, C, K
380200-Services - Plastic & Copper	800551	F0599	Repl w 2962F 2P 58th and Olive	201710	8,190.33	a	A, B, C, K
380200-Services - Plastic & Copper	800558	F0572	Repl w 3645F 2-4P Neosho Grid Ph1	201710	10.80	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201710	24.09	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	201710	87.88	a	A, B, C, K
380200-Services - Plastic & Copper	800622	F0604	Repl w/ 5785F 2P 29th & Northern	201710	7,286.56	a	A, B, C, K
380200-Services - Plastic & Copper	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201710	5,060.98	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201710	14,826.35	a	A, B, C, K
380200-Services - Plastic & Copper	800976	F0578	Reloc 1540F 2-6P Hwy291 & 50 -MODOT	201710	(1,658.40)	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201710	52.85	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201710	4.89	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201710	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201710	3,835.94	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201710	(17.68)	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201710	(0.64)	a	A, B, C, K
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201710	112.93	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201710	1,176.86	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201710	1,279.91	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201711	(300.34)	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201711	648,673.15	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201711	44,335.25	a	A, B, C, K
380200-Services - Plastic & Copper	004279	F0586	BWO SERVICE LINE MATERIAL CONTRACTO	201711	(230.36)	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201711	3,916.61	a	A, B, C, K
380200-Services - Plastic & Copper	004288	F0541	BWO-REPLACE SERVICE	201711	146.46	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201711	617.38	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201711	37,480.39	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201711	(6.78)	a	A, B, C, K
380200-Services - Plastic & Copper	800045	F0599	Liberty - Grid Phase A	201711	6.08	a	A, B, C, K
380200-Services - Plastic & Copper	800046	F0599	Liberty - Grid Phase B	201711	8,149.54	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201711	1.55	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201711	1,011.85	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201711	31.03	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201711	73.50	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201711	(0.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201711	46.42	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201711	17.98	a	A, B, C, K
380200-Services - Plastic & Copper	800137	F0599	St. Joe's South Phase 1C - MGE	201711	4,741.23	a	A, B, C, K
380200-Services - Plastic & Copper	800138	F0599	St. Joe's South Phase 1D - MGE	201711	(1,422.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800154	F0599	N Budd Park CI Grid Repl Phase 1C	201711	(3,281.88)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201711	57.81	a	A, B, C, K
380200-Services - Plastic & Copper	800163	F0572	Webb City Phase 1D Bare Steel Repla	201711	1.65	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201711	46.11	a	A, B, C, K
380200-Services - Plastic & Copper	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201711	11.83	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201711	0.49	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201711	21,159.69	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201711	0.42	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201711	(0.67)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201711	77.72	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201711	6.93	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201711	(0.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201711	(0.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201711	(7.00)	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201711	4.10	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201711	(32.42)	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201711	610.84	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201711	(34.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201711	36.05	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201711	(0.02)	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201711	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201711	5,197.40	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201711	(0.38)	a	A, B, C, K
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201711	8,862.93	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201711	(775.80)	a	A, B, C, K
380200-Services - Plastic & Copper	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	201711	(148,084.59)	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201711	22,327.44	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201711	(170.90)	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201711	22.58	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201711	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201711	79,650.39	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201711	214.14	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201711	456.78	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201711	7,624.63	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201711	1.63	a	A, B, C, K
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201711	10.85	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201711	(0.33)	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201711	(15.45)	a	A, B, C, K
380200-Services - Plastic & Copper	801383	F0578	Reloc 2727F 4-6P Truman Farm Trail	201711	(278.66)	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201711	10,508.27	a	A, B, C, K
380200-Services - Plastic & Copper	801436	F0578	Reloc 845F 2&6P 51st & Grand	201711	(34.77)	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201712	253.09	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201712	539,595.61	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201712	43,537.22	a	A, B, C, K
380200-Services - Plastic & Copper	004279	F0586	BWO SERVICE LINE MATERIAL CONTRACTO	201712	(0.15)	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201712	(8,172.20)	a	A, B, C, K
380200-Services - Plastic & Copper	004288	F0541	BWO-REPLACE SERVICE	201712	(292.92)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201712	1.10	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201712	17,913.97	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201712	0.33	a	A, B, C, K
380200-Services - Plastic & Copper	800028	F0599	Liberty Header - Phase 3	201712	2,419.63	a	A, B, C, K
380200-Services - Plastic & Copper	800041	F0599	Liberty Header - Phase 4 IUI	201712	14,017.34	a	A, B, C, K
380200-Services - Plastic & Copper	800044	F0599	Repl w/ 4105F 4P Liberty Header Ph5	201712	1,281.68	a	A, B, C, K
380200-Services - Plastic & Copper	800045	F0599	Liberty - Grid Phase A	201712	30,444.88	a	A, B, C, K
380200-Services - Plastic & Copper	800072	F0604	Tipton Grid Phase B - Bare steel re	201712	1,975.70	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201712	(0.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201712	133.48	a	A, B, C, K
380200-Services - Plastic & Copper	800100	F0604	Repl w/ 9461F 2P Kingsville Ph2	201712	(92.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201712	1,602.36	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201712	35,508.91	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201712	5,966.90	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201712	6,221.35	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201712	(0.41)	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201712	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800143	F0599	Hwy 71 & Gregory Grid Replace PhC	201712	586.96	a	A, B, C, K
380200-Services - Plastic & Copper	800144	F0547	Hwy 71 and Gregory Grid Repl PhD	201712	(3,261.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201712	(3,896.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800146	F0599	Repl w/ 4506F 2P Hwy71 & Gregory-F	201712	(4,159.90)	a	A, B, C, K
380200-Services - Plastic & Copper	800154	F0599	N Budd Park CI Grid Repl Phase 1C	201712	8,360.88	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201712	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800163	F0572	Webb City Phase 1D Bare Steel Repla	201712	(91,755.65)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201712	(0.77)	a	A, B, C, K
380200-Services - Plastic & Copper	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201712	14.67	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201712	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201712	716.63	a	A, B, C, K
380200-Services - Plastic & Copper	800261	F0604	Repl w/ 5647F 2P Clarksburg Ph B	201712	10,752.33	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201712	40.12	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201712	1.56	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201712	34.49	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201712	0.08	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201712	26.56	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201712	1.51	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201712	7.62	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201712	176.01	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St. Joe Grid Ph 2C	201712	8.15	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201712	6.85	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201712	(3.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201712	0.49	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201712	1,400.12	a	A, B, C, K
380200-Services - Plastic & Copper	800444	F0604	Repl w/ 3600F 2-4P Liberty Ph1	201712	(1,832.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800474	F0572	Repl w 2597F 4P 1201 Schifferdecker	201712	(86.30)	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201712	23.96	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201712	(0.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201712	0.12	a	A, B, C, K
380200-Services - Plastic & Copper	800549	F0599	Repl w 225F 2P Charlotte&PacificAOR	201712	25.27	a	A, B, C, F, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201712	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201712	67.56	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201712	(9,138.69)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201712	9,594.04	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201712	105.01	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201712	726.93	a	A, B, C, K
380200-Services - Plastic & Copper	800834	F0572	Repl w 1590F 2P 8th & Geneva	201712	979.99	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201712	6,155.74	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201712	3,108.04	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201712	1,365.91	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201712	0.19	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201712	3,990.34	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201712	(1.94)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201712	(0.4)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201712	542.82	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland&Holden	201712	152.93	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201712	(229.78)	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201712	13.48	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201712	96.93	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201712	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201712	0.05	a	A, B, C, K
380200-Services - Plastic & Copper	801383	F0578	Reloc 2727F 4-6P Truman Farm Trail	201712	(7,238.07)	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201712	651.70	a	A, B, C, K
380200-Services - Plastic & Copper	801436	F0578	Reloc 845F 2&6P 51st & Grand	201712	(5,353.46)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201712	9,607.10	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201712	768.78	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201801	3.72	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201801	653,951.23	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201801	40,833.40	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201801	2,140.89	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201801	7.09	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201801	19,942.96	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201801	24.40	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201801	(159.83)	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201801	(1.51)	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201801	23.12	a	A, B, C, K
380200-Services - Plastic & Copper	800100	F0604	Repl w/ 9461F 2P Kingsville Ph2	201801	73,255.76	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201801	0.40	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201801	4.48	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201801	0.10	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201801	(46.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201801	6,263.77	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201801	1,615.40	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201801	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201801	0.72	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201801	(5.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800143	F0599	Hwy 71 & Gregory Grid Replace PhC	201801	(3,899.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800144	F0547	Hwy 71 and Gregory Grid Repl PhD	201801	(15,700.33)	a	A, B, C, K
380200-Services - Plastic & Copper	800145	F0599	Repl w 4271F 4P- 71 & Gregory Ph E	201801	(15,309.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800146	F0599	Repl w/ 4506F 2P Hwy71 & Gregory-F	201801	(18,141.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201801	203.61	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201801	2,260.25	a	A, B, C, K
380200-Services - Plastic & Copper	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201801	85,339.43	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201801	61,215.92	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201801	4.03	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201801	(24.40)	a	A, B, C, K
380200-Services - Plastic & Copper	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201801	0.25	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201801	0.64	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201801	394.57	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201801	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201801	0.18	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201801	0.29	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201801	25.87	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201801	63.37	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201801	0.14	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201801	(0.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201801	1.41	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201801	37,884.43	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201801	22.91	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201801	14.59	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201801	6.54	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201801	(0.37)	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201801	43.95	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201801	6,616.24	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201801	14,133.64	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201801	6,968.75	a	A, B, C, K
380200-Services - Plastic & Copper	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201801	45.06	a	A, B, C, K
380200-Services - Plastic & Copper	800474	F0572	Repl w 2597F 4P 1201 Schifferdecker	201801	(3,438.68)	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201801	(408.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201801	(0.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201801	1.22	a	A, B, C, K
380200-Services - Plastic & Copper	800549	F0599	Repl w 225F 2P Charlotte&PacificAOR	201801	(326.26)	a	A, B, C, F, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201801	0.26	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201801	0.55	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201801	0.86	a	A, B, C, K
380200-Services - Plastic & Copper	800622	F0604	Repl w/ 5785F 2P 29th & Northern	201801	(151,432.25)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201801	17.44	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201801	345.46	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201801	539.13	a	A, B, C, K
380200-Services - Plastic & Copper	800826	F0599	Repl 670F 2-4-6P 10th & Benton	201801	(274.68)	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201801	8.61	a	A, B, C, K
380200-Services - Plastic & Copper	800830	F0604	Repl w 1500F 2P Green & Peyton	201801	(2,383.55)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201801	689.03	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201801	2,850.76	a	A, B, C, K
380200-Services - Plastic & Copper	800932	F0604	Repl w 750F 2P Nipper S of Spring	201801	(612.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201801	24.20	a	A, B, C, K
380200-Services - Plastic & Copper	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201801	1,035.48	a	A, B, C, K
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201801	173.84	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201801	0.45	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201801	2,256.28	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201801	2.37	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201801	45.60	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201801	5.13	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201801	625.44	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201801	0.94	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201801	(1,267.05)	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201801	6,382.64	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201801	32,102.24	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201801	0.10	a	A, B, C, K
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201801	(501.24)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201801	0.15	a	A, B, C, K

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 ISRS Work Order Additions Oct17 - Apr18
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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201801	0.09	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201801	144.49	a	A, B, C, K
380200-Services - Plastic & Copper	801410	F0599	Repl 612F 2P 26th Terr & Topping	201801	1,132.69	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201801	174.11	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201801	4,977.41	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201801	487.52	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201802	(15.11)	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201802	643,109.60	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201802	34,643.81	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201802	(1,295.85)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201802	0.27	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201802	13,272.63	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201802	0.19	a	A, B, C, K
380200-Services - Plastic & Copper	800039	F0599	Pickett Rd and 29th St - Main Repla	201802	11,358.00	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201802	0.18	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201802	1.61	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201802	27.19	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201802	0.13	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201802	0.55	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201802	7.95	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201802	(0.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201802	(0.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201802	(0.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800142	F0599	Hwy 71 and Gregory Grid Replace PhB	201802	(3,141.39)	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201802	(5.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201802	0.33	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201802	0.13	a	A, B, C, K
380200-Services - Plastic & Copper	800230	F0599	5227 Norton CI Replacement - IUI	201802	(816.86)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201802	(0.55)	a	A, B, C, K
380200-Services - Plastic & Copper	800257	F0604	Repl w/ 9327F 2&P Pleasant Hill Ph4	201802	(685.62)	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201802	(130.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201802	466.64	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201802	54.27	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201802	(0.16)	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w/ 9003F 2P Carrollton Phase F	201802	(1.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w/ 11888F 2-4P Carrollton Phs G	201802	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201802	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w/ 12516F 2-4P Carrollton Ph I	201802	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201802	7,375.49	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w/ 4888F 2-8P St Joe Grid Ph 2C	201802	(6.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201802	(3.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201802	5,084.42	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201802	0.13	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201802	0.46	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201802	833.34	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w/ 930F 2P Kiger N of Rt 24	201802	(1,812.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201802	86.04	a	A, B, C, K
380200-Services - Plastic & Copper	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201802	(6.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800475	F0572	Repl w/ 4030F 2-4P Park and Jackson	201802	(38.41)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w/ 14507F 2-6-12P Blue Ridge	201802	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	800566	F0604	Repl w/ 3425F 2P 12th & Lipper	201802	(1,969.73)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w/ 7055F 2-4P Blackburn Phase 1	201802	77.22	a	A, B, C, K
380200-Services - Plastic & Copper	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201802	(20.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201802	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201802	2,201.93	a	A, B, C, K
380200-Services - Plastic & Copper	800624	F0578	Rel w/ 3970F 2-4-6P 155th E of I-49	201802	(5,391.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201802	(0.15)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w/ 1011F 2-6P Concordia Phase A	201802	29.59	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201802	0.06	a	A, B, C, K
380200-Services - Plastic & Copper	800824	F0599	Repl w/ 420F 2-4P 9th & Bales	201802	583.57	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w/ 2565F 2P Lee St & Main	201802	(440.42)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w/ 3915F 2-4-6P 75th St RT 350	201802	581.10	a	A, B, C, K
380200-Services - Plastic & Copper	800912	F0572	Repl w/ 1645F 2-4P 135 E & Moffet	201802	50.43	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201802	(29.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800932	F0604	Repl w/ 750F 2P Nipper S of Spring	201802	(24,592.59)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201802	80,665.68	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201802	(19,753.07)	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201802	(0.10)	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201802	(2,121.04)	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201802	(487.36)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201802	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	801173	F0599	Aband 340F 4C 8th & Forest AOR	201802	1,933.98	a	A, B, C, F, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201802	89,062.62	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201802	0.16	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201802	(133.25)	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201802	0.05	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201802	(0.27)	a	A, B, C, K
380200-Services - Plastic & Copper	801253	F0572	Repl 727F 2P 313 S Oak St	201802	(1,492.59)	a	A, B, C, K
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201802	1,472.18	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201802	(22.29)	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201802	(349.09)	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201802	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201802	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grd Miller 1A	201802	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201802	0.33	a	A, B, C, K
380200-Services - Plastic & Copper	801501	F0578	Reloc 35F 2P 83rd & Ash	201802	(135.86)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201802	1,021.95	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201802	17,853.42	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201802	1,601.95	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201802	(250.90)	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201803	21.51	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201803	739,845.36	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201803	44,024.09	a	A, B, C, K

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Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201803	(14.58)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201803	66.29	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201803	6,444.53	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201803	344.64	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201803	383.26	a	A, B, C, K
380200-Services - Plastic & Copper	800039	F0599	Pickett Rd and 29th St - Main Repla	201803	(163,640.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201803	2.54	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201803	1.46	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201803	(26.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201803	(0.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201803	(6.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201803	(0.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201803	0.39	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201803	(11.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201803	(5.98)	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201803	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201803	(98.56)	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201803	7.77	a	A, B, C, K
380200-Services - Plastic & Copper	800142	F0599	Hwy 71 and Gregory Grid Replace PhB	201803	(46,430.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800152	F0599	N Budd Park CI Grid Repl Phase 1A	201803	(55.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201803	(3.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201803	(13.56)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201803	(5.51)	a	A, B, C, K
380200-Services - Plastic & Copper	800230	F0599	5227 Norton CI Replacement - IUI	201803	(6,964.76)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201803	32.60	a	A, B, C, K
380200-Services - Plastic & Copper	800257	F0604	Repl w 9327F 2&P Pleasant Hill Ph4	201803	13,710.15	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201803	(2,000.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201803	(96.11)	a	A, B, C, K
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201803	17.99	a	A, B, C, K
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201803	17.32	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201803	3.65	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201803	19.51	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201803	(0.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201803	(0.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201803	(4.50)	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201803	1.06	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201803	(17.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201803	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201803	(5.69)	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201803	(717.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201803	(548.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201803	(15.52)	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St. Joe's Ph2E	201803	(581.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201803	(8.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201803	0.48	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201803	66.42	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201803	(58.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800439	F0599	KC-39th & State Line Cast Iron PhB	201803	(9,657.89)	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201803	(9,719.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800441	F0599	KC-39th & State Line Cast Iron PhA	201803	(6,377.91)	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201803	(556.97)	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201803	(23.39)	a	A, B, C, K
380200-Services - Plastic & Copper	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201803	1.13	a	A, B, C, K
380200-Services - Plastic & Copper	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201803	(16.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201803	(7,868.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201803	0.10	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201803	(1.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800558	F0572	Repl w 3645F 2-4P Neosho Grid Ph1	201803	(21.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800566	F0604	Repl w/ 3425F 2P 12th & Lipper	201803	(38,273.50)	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201803	(0.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201803	(1.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800606	F0572	Repl w/ 1450F 4P 33rd to 35th	201803	16,998.33	a	A, B, C, K
380200-Services - Plastic & Copper	800610	F0572	Repl w/ 6055F 2-4P Marionville PhC	201803	69,703.54	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201803	(1.16)	a	A, B, C, K
380200-Services - Plastic & Copper	800623	F0599	Repl w/ 824F 4P 13th & Brooklyn	201803	(11,241.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800624	F0578	Rel w 3970F 2-4-6P 155th E of I-49	201803	(25,311.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201803	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201803	(11.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201803	(1,041.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201803	24,407.90	a	A, B, C, K
380200-Services - Plastic & Copper	800824	F0599	Repl w 420F 2-4P 9th & Bales	201803	14,010.43	a	A, B, C, K
380200-Services - Plastic & Copper	800826	F0599	Repl 670F 2-4-6P 10th & Benton	201803	(3,583.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201803	(45,092.69)	a	A, B, C, K
380200-Services - Plastic & Copper	800830	F0604	Repl w 1500F 2P Green & Peyton	201803	(24,210.91)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201803	(124.83)	a	A, B, C, K
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201803	70,394.84	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201803	(255.76)	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201803	70,721.22	a	A, B, C, K
380200-Services - Plastic & Copper	800957	F0664	Reloc 1782F 2-4P 27th-31st Phase 1	201803	7,791.16	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201803	10,027.73	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201803	(144,531.64)	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxcie Phase 2	201803	9.72	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201803	(756.79)	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4-6-12P Meadow	201803	5,532.55	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201803	(6,913.65)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201803	(1.69)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201803	(295.90)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201803	300.15	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201803	(3,953.37)	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201803	328,803.50	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201803	(294.80)	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201803	0.39	a	A, B, C, K
380200-Services - Plastic & Copper	801253	F0572	Repl 727F 2P 313 S Oak St	201803	(11,018.66)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201803	947.24	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201803	(101.28)	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201803	(2,170.33)	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201803	(0.16)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201803	22.32	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201803	(0.14)	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201803	4,456.60	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201803	(18.74)	a	A, B, C, K
380200-Services - Plastic & Copper	801501	F0578	Reloc 35F 2P 83rd & Ash	201803	236.52	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201803	(49.25)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201803	7,554.95	a	A, B, C, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201803	1,633.41	a	A, B, C, F, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201803	827.34	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201803	4,649.38	a	A, B, C, F, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201803	(34.91)	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201804	18.14	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201804	723,710.91	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201804	42,739.72	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201804	(6.79)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201804	(5.42)	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201804	19,230.67	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201804	(2.45)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201804	(6.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201804	1.29	a	A, B, C, K
380200-Services - Plastic & Copper	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201804	(75.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201804	1.15	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201804	(8.71)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201804	2,178.12	a	A, B, C, K
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201804	13,664.57	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201804	(0.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w/ 4550F 2P Liberty Phase F	201804	(3.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201804	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201804	0.19	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201804	(5.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201804	(2.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201804	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201804	0.10	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201804	4.05	a	A, B, C, K
380200-Services - Plastic & Copper	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201804	2,845.61	a	A, B, C, K
380200-Services - Plastic & Copper	800152	F0599	N Budd Park CI Grid Repl Phase 1A	201804	3,193.62	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201804	18.70	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201804	(6.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201804	(2.78)	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201804	17.09	a	A, B, C, K
380200-Services - Plastic & Copper	800257	F0604	Repl w 9327F 2&4P Pleasant Hill Ph4	201804	(0.41)	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201804	(0.22)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201804	(528.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201804	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201804	(0.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201804	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201804	(1.04)	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201804	(2.84)	a	A, B, C, K
380200-Services - Plastic & Copper	800275	F0604	Repl w 6004F 2-4P Carrollton Ph B	201804	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201804	(0.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201804	(2.25)	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201804	1.11	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201804	9,689.41	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201804	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201804	(2.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201804	(340.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201804	9,571.99	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201804	223.31	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6468F 2P St. Joe's Ph2D	201804	(2.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201804	39.22	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201804	1,235.09	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201804	(1,069.04)	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201804	(18.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201804	372.66	a	A, B, C, K
380200-Services - Plastic & Copper	800431	F0599	Target Marlborough West Phase 1	201804	(8,117.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201804	1.87	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201804	(209.97)	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201804	160.20	a	A, B, C, K
380200-Services - Plastic & Copper	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201804	(3.75)	a	A, B, C, K
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201804	11,449.31	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201804	(0.11)	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201804	(1,477.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201804	(0.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800558	F0572	Repl w 3645F 2-4P Neosho Grid Ph1	201804	9,551.71	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w 8935F 2P Marlborough Ph5	201804	153,491.14	a	A, B, C, K
380200-Services - Plastic & Copper	800598	F0604	Repl w 7500F 2-4P Alma Phase 2	201804	(696.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201804	(102.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201804	(1,798.28)	a	A, B, C, K
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201804	(2.74)	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201804	(0.59)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201804	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201804	503.85	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201804	1,370.51	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201804	225.20	a	A, B, C, K
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201804	19,178.25	a	A, B, C, K
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201804	18,002.51	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201804	35,489.92	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201804	(0.39)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201804	14.09	a	A, B, C, K

Spire Missouri West
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 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201804	(0.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201804	(99.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201804	(7,823.67)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201804	2,768.99	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201804	(1.97)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201804	3,721.45	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Saroxie Phase 2	201804	(0.18)	a	A, B, C, K
380200-Services - Plastic & Copper	801115	F0599	Repl 535F 2-4P 9th & Forest AOR	201804	303.86	a	A, B, C, F, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201804	(209.94)	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201804	0.12	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201804	(0.24)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201804	(0.92)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201804	(187.85)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201804	(6.24)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5808F 2-4P 39th & S Main St	201804	(65,057.60)	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Sheley & E33rd Ter	201804	(2,487.17)	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201804	(1,524.47)	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201804	0.53	a	A, B, C, K
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201804	295.86	a	A, B, C, F, K
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201804	(35.42)	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201804	(54.27)	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201804	(609.92)	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201804	49,338.90	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin & Jewell	201804	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201804	(5.43)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201804	9,157.94	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201804	(14.50)	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201804	1.25	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201804	4,145.00	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201804	4,913.67	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201804	(9.47)	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201804	2,610.54	a	A, B, C, K
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201804	4,570.97	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201804	(74.49)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201804	(453.60)	a	A, B, C, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201804	(4.33)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201804	(80.90)	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201804	23,437.73	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201804	2,912.30	a	A, B, C, K
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201804	8,335.41	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201804	174.90	a	A, B, C, F, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201804	(11.10)	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201805	(3.82)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201805	(2.03)	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201805	(1.99)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201805	433.13	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201805	808.91	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201805	46,262.96	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201805	47,085.16	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201805	751,697.23	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201805	(13,193.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201805	(8,508.70)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201805	(5,520.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800441	F0599	KC-39th & State Line Cast Iron PhA	201805	(4,438.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201805	(3,900.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201805	(147.25)	a	A, B, C, K
380200-Services - Plastic & Copper	800156	F0599	N Budd Park CI Grid Repl Phase 1E	201805	(27.45)	a	A, B, C, K
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201805	(7.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201805	(2.57)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201805	(2.00)	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201805	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201805	0.07	a	A, B, C, K
380200-Services - Plastic & Copper	801297	F0599	Repl 380F 2P Cherry and Gillham Rd	201805	936.80	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201805	5,757.73	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201805	9,999.81	a	A, B, C, K
380200-Services - Plastic & Copper	800439	F0599	KC-39th & State Line Cast Iron PhB	201805	19,891.68	a	A, B, C, K
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201805	22,450.90	a	A, B, C, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201805	33,759.58	a	A, B, C, K
380200-Services - Plastic & Copper	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-I	201805	35,890.41	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201805	41,314.51	a	A, B, C, K
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201805	53,441.93	a	A, B, C, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201805	79,055.29	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201805	99,353.18	a	A, B, C, K
380200-Services - Plastic & Copper	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201805	103,356.99	a	A, B, C, K
380200-Services - Plastic & Copper	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201805	104,863.53	a	A, B, C, K
380200-Services - Plastic & Copper	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201805	113,738.82	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201805	117,562.46	a	A, B, C, K
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 1E	201805	130,181.67	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201805	132,818.12	a	A, B, C, K
380200-Services - Plastic & Copper	800496	F0599	Repl w 7350F 2-4P 63rd & 55th St	201805	148,804.12	a	A, B, C, K
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201805	164,232.00	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w 5940F 2-4P 63rd & 55th -1C	201805	180,516.21	a	A, B, C, K
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201805	182,399.96	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201805	(7.09)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201805	(2.28)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201805	(0.02)	a	A, B, C, F, K
380200-Services - Plastic & Copper	800627	F0599	Repl 40F 4P AOR 2026 48th Ter	201805	680.62	a	A, B, C, F, K
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201805	899.35	a	A, B, C, F, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201805	(78,659.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800431	F0599	Target Marlborough West Phase 1	201805	(26,962.32)	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201805	(12,123.59)	a	A, B, C, K
380200-Services - Plastic & Copper	800076	F0604	Repl w/ 4914 2-8P Tipton PhG	201805	(3,943.60)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201805	(2,715.68)	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201805	(2,542.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201805	(1,411.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201805	(1,395.42)	a	A, B, C, K
380200-Services - Plastic & Copper	800598	F0604	Repl w 7500F 2-4P Alma Phase 2	201805	(1,319.78)	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201805	(1,166.43)	a	A, B, C, K
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201805	(617.56)	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201805	(588.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201805	(503.10)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201805	(334.48)	a	A, B, C, K
380200-Services - Plastic & Copper	800335	F0599	St. Joe's South Grid Phase 2A - MGE	201805	(244.91)	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201805	(155.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201805	(91.37)	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201805	(87.48)	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201805	(31.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201805	(24.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201805	(22.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201805	(19.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201805	(18.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332F 2p Carrollton Phase C	201805	(13.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201805	(9.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201805	(8.65)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201805	(8.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201805	(8.34)	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	201805	(2.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201805	(2.61)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201805	(0.90)	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201805	(0.64)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201805	(0.36)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201805	(0.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201805	(0.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201805	(0.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201805	(0.26)	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201805	(0.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201805	(0.16)	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201805	(0.13)	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201805	(0.13)	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	201805	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201805	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201805	(0.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201805	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201805	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201805	0.06	a	A, B, C, K
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201805	0.18	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201805	0.38	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201805	1.10	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201805	3.05	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201805	4.63	a	A, B, C, K
380200-Services - Plastic & Copper	800127	F0604	FY16 Strategic Grid MGE-Belton Ph2A	201805	8.39	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201805	15.52	a	A, B, C, K
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201805	21.58	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201805	30.96	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201805	33.87	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201805	36.05	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201805	36.54	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201805	41.77	a	A, B, C, K
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201805	72.80	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201805	94.75	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201805	98.71	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201805	102.23	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201805	168.05	a	A, B, C, K
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201805	220.28	a	A, B, C, K
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201805	252.12	a	A, B, C, K
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201805	252.69	a	A, B, C, K
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201805	323.30	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201805	693.12	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201805	720.12	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201805	1,476.67	a	A, B, C, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201805	1,542.49	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201805	1,614.04	a	A, B, C, K
380200-Services - Plastic & Copper	800756	F0599	Repl w 1353F 2P Grandview & 115th	201805	2,678.73	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201805	3,051.28	a	A, B, C, K
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201805	3,097.44	a	A, B, C, K
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201805	3,381.56	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201805	4,030.78	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201805	4,043.43	a	A, B, C, K
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201805	5,260.15	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201805	5,467.73	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201805	6,023.89	a	A, B, C, K
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201805	6,302.71	a	A, B, C, K
380200-Services - Plastic & Copper	800073	F0604	Tipton Grid Phase F - Bare steel re	201805	6,867.13	a	A, B, C, K
380200-Services - Plastic & Copper	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201805	7,288.98	a	A, B, C, K
380200-Services - Plastic & Copper	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201805	7,638.79	a	A, B, C, K
380200-Services - Plastic & Copper	800275	F0604	Repl w 6004F 2-4P Carrollton Ph B	201805	9,290.88	a	A, B, C, K
380200-Services - Plastic & Copper	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201805	9,412.94	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w/ 6488F 2P St. Joe's Ph2D	201805	9,677.73	a	A, B, C, K
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201805	14,094.55	a	A, B, C, K
380200-Services - Plastic & Copper	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201805	17,278.83	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201805	23,005.73	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201805	36,817.37	a	A, B, C, K
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201805	39,877.31	a	A, B, C, K
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201805	44,669.90	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201805	65,923.34	a	A, B, C, K
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201805	89,528.80	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201805	201,477.39	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201805	(6.54)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201805	(0.25)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201805	4.58	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201805	237.89	a	A, B, C, K
380200-Services - Plastic & Copper	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201805	13,063.03	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201805	(0.68)	a	A, B, C, K
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201805	1,539.58	a	A, B, C, K
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201805	3,956.67	a	A, B, C, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201805	43,029.76	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201805	(166.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201805	(69.94)	a	A, B, C, K
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201805	(2.67)	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201805	(0.11)	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201805	0.03	a	A, B, C, K
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201805	5,516.22	a	A, B, C, K
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201805	11,817.87	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201805	34,282.02	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201805	(31,545.52)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201805	(201.23)	a	A, B, C, K
380200-Services - Plastic & Copper	801136	F0664	Reloc 1187F 4P 27th - 22nd Phase 2	201805	(70.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201805	(53.71)	a	A, B, C, K
380200-Services - Plastic & Copper	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201805	(36.26)	a	A, B, C, K
380200-Services - Plastic & Copper	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201805	(6.71)	a	A, B, C, K
380200-Services - Plastic & Copper	801293	F0664	Reloc 1324F 6P 32nd St Central City	201805	(4.00)	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201805	(2.78)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201805	(1.77)	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201805	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201805	141.90	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201805	214.30	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201805	357.43	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201805	494.88	a	A, B, C, K
380200-Services - Plastic & Copper	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201805	543.80	a	A, B, C, K
380200-Services - Plastic & Copper	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201805	608.66	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201805	868.75	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201805	2,343.52	a	A, B, C, K
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201805	5,508.07	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201805	12,156.09	a	A, B, C, K
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201805	15,614.45	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201805	18,908.21	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201805	34,670.25	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201805	68,504.78	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201806	(33,082.84)	a	A, B, C, K
380200-Services - Plastic & Copper	800496	F0599	Repl w/ 7350F 2-4P 63rd & 55th St	201806	(20,800.17)	a	A, B, C, K
380200-Services - Plastic & Copper	801136	F0664	Reloc 1187F 4P 27th - 22nd Phase 2	201806	(20,064.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201806	(15,088.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201806	(9,083.20)	a	A, B, C, K
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	201806	(6,960.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201806	(4,407.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800157	F0599	N Budd Park CI Grid Repl Phase 1F	201806	(2,641.59)	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201806	(1,705.08)	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shaley & E33rd Ter	201806	(1,678.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201806	(1,432.28)	a	A, B, C, K
380200-Services - Plastic & Copper	800405	F0572	Repl w/ 790F 3-8P 16th & Roosevelt	201806	(1,422.93)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201806	(1,376.63)	a	A, B, C, K
380200-Services - Plastic & Copper	801841	F0578	Reloc 60F 2P RD Mize	201806	(813.37)	a	A, B, C, K
380200-Services - Plastic & Copper	800301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201806	(704.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201806	(622.49)	a	A, B, C, K
380200-Services - Plastic & Copper	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201806	(593.26)	a	A, B, C, K
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201806	(568.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201806	(460.18)	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201806	(441.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201806	(368.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201806	(365.86)	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201806	(317.41)	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201806	(308.24)	a	A, B, C, K
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201806	(278.83)	a	A, B, C, K
380200-Services - Plastic & Copper	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201806	(271.86)	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201806	(265.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800336	F0599	Repl w/ 3147F 4-8P St Joe's Ph2B	201806	(264.70)	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201806	(218.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201806	(193.70)	a	A, B, C, K
380200-Services - Plastic & Copper	800133	F0599	Repl 5823F 2P Liberty Grid Phase K	201806	(180.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St RT 350	201806	(155.20)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201806	(144.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800800	F0599	Repl w 10745F 2-4P Dunn Park Hwy 71	201806	(131.41)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201806	(97.74)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201806	(87.31)	a	A, B, C, K
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201806	(80.29)	a	A, B, C, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201806	(72.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Park W of 71 1E	201806	(66.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201806	(65.82)	a	A, B, C, K
380200-Services - Plastic & Copper	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201806	(63.15)	a	A, B, C, K
380200-Services - Plastic & Copper	800924	F0599	Aband 992F 4&6CI 54th & Ter	201806	(52.95)	a	A, B, C, K
380200-Services - Plastic & Copper	800259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201806	(49.14)	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201806	(46.60)	a	A, B, C, K
380200-Services - Plastic & Copper	800091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201806	(46.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201806	(42.62)	a	A, B, C, K
380200-Services - Plastic & Copper	801662	F0578	Reloc 1927F 4-6P Griffith Place	201806	(40.99)	a	A, B, C, K
380200-Services - Plastic & Copper	800148	F0599	Repl w 3259F 2P Hwy 71&Gregory PhH	201806	(37.05)	a	A, B, C, K
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201806	(35.09)	a	A, B, C, K
380200-Services - Plastic & Copper	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	201806	(34.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	201806	(20.76)	a	A, B, C, K

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380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201806	(17.94)	a	A, B, C, K
380200-Services - Plastic & Copper	800794	F0599	Inst 5455F 12P Header Dunn Park&71	201806	(17.00)	a	A, B, C, K
380200-Services - Plastic & Copper	801625	F0599	Repl 663F 2P 59th & Cypress Place	201806	(15.88)	a	A, B, C, K
380200-Services - Plastic & Copper	800658	F0599	Repl 1820F 2P Liberty Grid Phase L	201806	(15.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800149	F0599	Repl w 4561F 2-6P Hwy 71&Gregory-l	201806	(14.85)	a	A, B, C, K
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	201806	(14.63)	a	A, B, C, K
380200-Services - Plastic & Copper	800340	F0599	Repl w 6468F 2P St. Joe's Ph2D	201806	(12.32)	a	A, B, C, K
380200-Services - Plastic & Copper	801119	F0572	Repl 2794F 2P 34th and Pearl	201806	(10.92)	a	A, B, C, K
380200-Services - Plastic & Copper	801219	F0604	Repl 5080F 2-4P 39th & S Main St	201806	(9.46)	a	A, B, C, K
380200-Services - Plastic & Copper	800284	F0604	Repl w 11888F 2-4P Carrolton Phs G	201806	(5.46)	a	A, B, C, K
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201806	(5.25)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201806	(3.76)	a	A, B, C, K
380200-Services - Plastic & Copper	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201806	(3.32)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201806	(3.19)	a	A, B, C, K
380200-Services - Plastic & Copper	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201806	(3.12)	a	A, B, C, K
380200-Services - Plastic & Copper	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201806	(2.53)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201806	(1.99)	a	A, B, C, K
380200-Services - Plastic & Copper	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201806	(1.88)	a	A, B, C, K
380200-Services - Plastic & Copper	800123	F0599	Repl w 4550F 2P Liberty Phase F	201806	(1.72)	a	A, B, C, K
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201806	(1.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800721	F0599	Repl 5540F 2-4P Hwy71 /Gregory Ph N	201806	(1.43)	a	A, B, C, K
380200-Services - Plastic & Copper	800440	F0599	KC-39th & State Line Cast Iron PhC	201806	(1.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800383	F0547	Target Marlborough East Ph 2 Reloc	201806	(0.79)	a	A, B, C, K
380200-Services - Plastic & Copper	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201806	(0.71)	a	A, B, C, K
380200-Services - Plastic & Copper	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	201806	(0.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800912	F0572	Repl w 1645F 2-4P 135 E & Moffet	201806	(0.54)	a	A, B, C, K
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201806	(0.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800274	F0604	Repl w/ 7005F 2-4P Carrolton PhA	201806	(0.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-6-12P Blue Ridge	201806	(0.46)	a	A, B, C, K
380200-Services - Plastic & Copper	800616	F0604	Repl w/ 5800F 2-4P Liberty Ph2	201806	(0.33)	a	A, B, C, K
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201806	(0.29)	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	201806	(0.23)	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201806	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800122	F0599	Repl w/ 4565F 2P Liberty PhE	201806	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201806	(0.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800280	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201806	(0.10)	a	A, B, C, K
380200-Services - Plastic & Copper	800263	F0572	Repl w/ 1375F 2P Webb City Ph2B	201806	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201806	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201806	(0.08)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201806	(0.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Franklin S of Shely	201806	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201806	(0.05)	a	A, B, C, K
380200-Services - Plastic & Copper	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201806	(0.04)	a	A, B, C, F, K
380200-Services - Plastic & Copper	800124	F0599	Repl w/ 3375F 2P Liberty PhG	201806	(0.04)	a	A, B, C, K
380200-Services - Plastic & Copper	800264	F0572	Repl w/ 6503F 2P Webb City Ph2C	201806	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201806	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201806	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800601	F0572	Repl w/ 2845F 2P Marionville PhA	201806	0.06	a	A, B, C, K
380200-Services - Plastic & Copper	801149	F0572	Repl 4180F 2-4P 24th & Meadow	201806	0.06	a	A, B, C, K
380200-Services - Plastic & Copper	800125	F0599	Repl w/ 1365F 2P Liberty PhH	201806	0.11	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201806	0.13	a	A, B, C, K
380200-Services - Plastic & Copper	801238	F0599	Repl 1368F 4-6P Kansas & 22nd	201806	0.29	a	A, B, C, K
380200-Services - Plastic & Copper	800597	F0604	Repl w 8860F 2-4P Alma Phase 1	201806	0.30	a	A, B, C, K
380200-Services - Plastic & Copper	800083	F0604	Holden Grid Phase 2I	201806	0.33	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0604	Repl 8085F 2P Liberty & Stone	201806	0.51	a	A, B, C, K
380200-Services - Plastic & Copper	800075	F0604	Tipton Grid Phase E - Bare steel re	201806	0.71	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P St Joe Grid Ph 2C	201806	1.21	a	A, B, C, K
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-St. Joe's South 1B	201806	2.25	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201806	3.06	a	A, B, C, K
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201806	6.03	a	A, B, C, K
380200-Services - Plastic & Copper	800256	F0604	Repl w/ 8006F 2&P Pleasant Hill Ph3	201806	9.47	a	A, B, C, K
380200-Services - Plastic & Copper	801156	F0599	Repl 572F 4P 29th and Bales	201806	25.37	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201806	28.68	a	A, B, C, K
380200-Services - Plastic & Copper	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201806	32.74	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201806	33.49	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201806	36.44	a	A, B, C, K
380200-Services - Plastic & Copper	800626	F0599	Repl 8693F 2-4-6P 57th & Bales IUI	201806	51.90	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201806	52.25	a	A, B, C, K
380200-Services - Plastic & Copper	800128	F0599	Repl 1827F 2-4P Liberty Phase J	201806	60.99	a	A, B, C, K
380200-Services - Plastic & Copper	800265	F0572	Repl w/ 4646F 2-4P Webb City Ph2D	201806	67.45	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201806	85.19	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201806	106.46	a	A, B, C, K
380200-Services - Plastic & Copper	801475	F0604	Repl 8630F 2-4P Waverly MO Phase 4	201806	119.82	a	A, B, C, K
380200-Services - Plastic & Copper	800578	F0572	Repl w/ 2920F 2-4P Neosho C-0002	201806	121.96	a	A, B, C, K
380200-Services - Plastic & Copper	800097	F0604	Repl w/ 1385F 2P Belton Ph1F	201806	141.83	a	A, B, C, K
380200-Services - Plastic & Copper	800763	F0604	Repl 11571F 2.4 P&S -Concordia Ph F	201806	141.92	a	A, B, C, K
380200-Services - Plastic & Copper	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201806	157.17	a	A, B, C, K
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201806	166.40	a	A, B, C, K
380200-Services - Plastic & Copper	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201806	172.66	a	A, B, C, F, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201806	179.32	a	A, B, C, K
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201806	190.29	a	A, B, C, K
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201806	192.38	a	A, B, C, K
380200-Services - Plastic & Copper	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201806	237.13	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201806	301.76	a	A, B, C, K
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	201806	302.50	a	A, B, C, K
380200-Services - Plastic & Copper	801652	F0604	Repl 5820F 2P Norborne Phase 6	201806	302.86	a	A, B, C, K
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201806	316.05	a	A, B, C, K
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201806	319.16	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201806	358.84	a	A, B, C, K
380200-Services - Plastic & Copper	801250	F0572	Repl 4805F 2-4P Carthage Area Ph 2A	201806	366.40	a	A, B, C, K
380200-Services - Plastic & Copper	801827	F0599	Repl 649F 2-4P Highgrove and 10th	201806	383.23	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201806	415.41	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201806	452.03	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Oct17 - Apr18
 Appendix B - Schedule 5

Plant Account	Work Order	Funding Project	Work Order Description	Addition Month	Addition Amount	ISRS Statute	State or Federal Safety Requirement
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201806	458.08	a	A, B, C, K
380200-Services - Plastic & Copper	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	201806	493.04	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BLOC	201806	493.78	a	A, B, C, K
380200-Services - Plastic & Copper	801269	F0599	Repl 300F 4P Independence/Chestnut	201806	693.25	a	A, B, C, K
380200-Services - Plastic & Copper	801125	F0572	Repl 3065F 2-4P 16th & Bird	201806	718.81	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201806	764.94	a	A, B, C, K
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201806	940.01	a	A, B, C, K
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201806	1,014.56	a	A, B, C, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201806	1,130.94	a	A, B, C, K
380200-Services - Plastic & Copper	801066	F0547	Reloc 1560F 4P Forest @ Hwy 291	201806	1,142.43	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201806	1,156.31	a	A, B, C, K
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201806	1,198.85	a	A, B, C, K
380200-Services - Plastic & Copper	800693	F0547	Reloc 2235F 2-4P Blacksnake Creek	201806	1,451.59	a	A, B, C, K
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201806	1,490.26	a	A, B, C, K
380200-Services - Plastic & Copper	800412	F0572	Repl w/ 5734F 2-4P Purcell 1B	201806	1,959.65	a	A, B, C, K
380200-Services - Plastic & Copper	800150	F0599	Repl w 4743F 2-6P 71 & Gregory Ph J	201806	2,400.23	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201806	2,726.43	a	A, B, C, K
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201806	2,765.57	a	A, B, C, K
380200-Services - Plastic & Copper	800489	F0604	Repl w/ 4716F 6P East Downtown Ph1	201806	2,971.61	a	A, B, C, K
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201806	3,576.89	a	A, B, C, K
380200-Services - Plastic & Copper	801360	F0599	Aband 891F 6S 1803 NE 60th Terr	201806	4,153.48	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201806	4,433.83	a	A, B, C, K
380200-Services - Plastic & Copper	800414	F0604	Repl w/ 7387 2-4P Pleasant Hill Ph7	201806	5,940.48	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201806	6,114.33	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201806	6,885.82	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201806	7,078.82	a	A, B, C, K
380200-Services - Plastic & Copper	800147	F0599	Repl w 6372F 2-6P 71 & Gregory PhG	201806	7,397.71	a	A, B, C, K
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201806	7,582.59	a	A, B, C, K
380200-Services - Plastic & Copper	800131	F0604	Repl w/ 7363F 2&4P Belton Ph2C	201806	8,467.72	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201806	10,114.61	a	A, B, C, K
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	201806	11,019.71	a	A, B, C, K
380200-Services - Plastic & Copper	800276	F0604	Repl w 5332f 2p Carrollton Phase C	201806	11,045.85	a	A, B, C, K
380200-Services - Plastic & Copper	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201806	11,158.79	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201806	12,548.12	a	A, B, C, K
380200-Services - Plastic & Copper	800921	F0599	Repl 1448F 2-4P Benton & 55th	201806	12,789.76	a	A, B, C, K
380200-Services - Plastic & Copper	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201806	13,217.07	a	A, B, C, K
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Wornall & 85th	201806	15,023.09	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201806	15,866.52	a	A, B, C, K
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201806	16,802.72	a	A, B, C, K
380200-Services - Plastic & Copper	800867	F0599	Repl w 3574F 2-4P Mariborough Ph 4	201806	19,038.07	a	A, B, C, K
380200-Services - Plastic & Copper	800278	F0604	Repl w 5716F 2P Carrollton Phase E	201806	19,972.69	a	A, B, C, K
380200-Services - Plastic & Copper	800285	F0604	Repl 2470F 2P Carrollton Phase H	201806	20,330.03	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201806	22,059.68	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph 1	201806	22,400.63	a	A, B, C, K
380200-Services - Plastic & Copper	800130	F0604	Repl w 6463F 2-4P Belton Ph 2B	201806	23,086.54	a	A, B, C, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201806	25,870.06	a	A, B, C, K
380200-Services - Plastic & Copper	800127	F0604	FY16 Strategic Grid MGE-Belton Ph2A	201806	29,538.10	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ Pls (SW Reg)	201806	30,106.37	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201806	32,893.74	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201806	35,798.97	a	A, B, C, K
380200-Services - Plastic & Copper	800279	F0604	Repl w 9003F 2P Carrollton Phase F	201806	42,018.07	a	A, B, C, K
380200-Services - Plastic & Copper	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201806	42,678.93	a	A, B, C, K
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201806	56,325.16	a	A, B, C, K
380200-Services - Plastic & Copper	800156	F0599	N Budd Park CI Grid Repl Phase 1E	201806	58,091.35	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ Pls (South Reg)	201806	65,041.61	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201806	74,805.17	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201806	75,822.52	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201806	87,359.83	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201806	99,548.47	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201806	102,614.18	a	A, B, C, K
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201806	118,913.37	a	A, B, C, K
380200-Services - Plastic & Copper	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	201806	149,343.55	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ Pls (North Reg)	201806	908,413.97	a	A, B, C, K
Total Services Plastic and Copper					11,448,365.75		

TOTAL 80,441,339.39

Spire Missouri West
ISRS - Case # GO-2019-0116
Legend for State or Federal Safety Requirements
Appendix B - Schedule 6

		Regulatory Section Description	Description of Capital Expenditure Rehabilitation or Replacement
A	393.130 RSMo	Safe and Adequate Service	Replace, repair or remove unsafe pipeline segments
B	4 CSR 240-40.030(13)(B)	General Requirements for Maintenance	Replace, repair or remove unsafe pipeline segments
C	4 CSR 240-40.030(15)	Replacement Programs	Replacement program requirements for certain pipelines
D	4 CSR 240-40.030(14)	Gas Leaks	Repair of system leaks through pipeline rehabilitation and replacements
E	4 CSR 240-40.030(9)(T) and (U)	Corrosion Control	Remedial action in response to graphitization and corrosion through pipeline rehabilitation and replacements
F	4 CSR 240-40.030(13)(Z)	Protecting or Replacing Disturbed Cast Iron Pipelines	Replacement of cast iron pipelines where support has been disturbed
G	4 CSR 240-40.030(7)	Construction requirements	Construction expense associated with relocating and replacing pipelines
H	4 CSR 240-40.030(10)	Testing Requirements	Testing expense associated with relocating and replacing pipelines
I	4 CSR 240-40.030(13)(Y)	Maintenance - Caulked Bell and Spigot Joints	Install clamps and other sealing on exposed cast iron joints
J	4 CSR 240-40.030(16)	Gas Transmission Pipeline Integrity Management	Replace, repair or remove unsafe transmission pipeline segments
K	4 CSR 240-40.030(17)	Gas Distribution Pipeline Integrity Management	Replace, repair or remove unsafe distribution pipeline segments
L	4 CSR 240-40.030(13)(S)(1)	Telemetry Requirement	Replace Worn or Deteriorated Telemetry/SCADA Equipment
M	4 CSR 240-40.030(12)(P)(1)	Requirements for Odorization of Gas	Replace Worn or Deteriorated Odorization Equipment

References to state safety rules should be interpreted to include the corresponding federal safety rule.

Spire Missouri West
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ISRS Statute 393.1009(5)
Appendix B - Schedule 6

- (a) Mains, valves, service lines, regulator stations, vaults and other pipeline system components installed to comply with state or federal safety requirements as replacements for existing facilities that have worn out or are in deteriorated condition;
- (b) Main relining projects, service line insertion projects, joint encapsulation projects, and other similar projects extending the useful life or enhancing the integrity of pipeline system components undertaken to comply with state or federal safety requirements;
- (c) Facilities relocations required due to construction or improvement of a highway, road, street, public way, or other public work;

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Revenue Requirement Calculation
Appendix B - Schedule 7

ISRS Activity:

Gas Utility Plant Projects - Main Replacements and Other Projects Extending Useful Life of Mains:

<u>Work Orders Placed in Service</u>	
Gross Additions	61,946,242
Deferred Taxes	(911,878)
Accumulated Depreciation	(1,161,996)
Total Net	59,872,368

Gas Utility Plant Projects - Service Line Replacements and Insertion Projects:

<u>Work Orders Placed in Service</u>	
Gross Additions	11,629,911
Deferred Taxes	(139,106)
Accumulated Depreciation	(344,260)
Total Net	11,146,545

Gas Utility Plant Projects - Regulator Stations:

<u>Work Orders Placed in Service</u>	
Gross Additions	-
Deferred Taxes	-
Accumulated Depreciation	-
Total Net	-

Gas Utility Plant Projects - Main Relocations net of Reimbursements:

<u>Work Orders Placed in Service</u>	
Gross Additions	6,865,186
Deferred Taxes	(101,312)
Accumulated Depreciation	(127,782)
Total Net	6,636,092

Increase in Accumulated Deferred Income Taxes and Accumulated Depreciation
Associated with Eligible Infrastructure System Replacements which are included in a
Currently Effective ISRS

Total Incremental Accumulated Depreciation	-
Total Incremental Accumulated Deferred Taxes	-

Total ISRS Rate Base	77,655,005
Overall Rate of Return per GR-2017-0216	7.20%
UOI Required	5,589,374
Income Tax Conversion Factor	1.34135
Revenue Requirement Before Interest Deductibility	7,497,307

Total ISRS Rate Base	77,655,005
Weighted Cost of Debt per GR-2017-0216	1.8900%
Interest Deduction	1,467,680
Marginal Income Tax Rate	25.4482%
Income Tax Reduction due to Interest	373,499
Income Tax Conversion Factor	1.34135
Revenue Requirement Impact of Interest Deductibility	500,993

Total Revenue Requirement on Capital	6,996,314
Depreciation Expense	1,414,655
Net Property Taxes	200,858
ISRS Revenue Overcollection January 2014 through May 2018	(1,834,513)

Total ISRS Revenues per Company	6,777,314
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Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Depreciation Expense
Appendix B - Schedule 8

	<u>Additions</u> <u>Annual Depreciation</u>	<u>Retirements</u> <u>Annual Depreciation</u>
Main Replacements	1,092,526.02	(32,054.75)
Service Line Replacements and Insertion Projects	311,681.12	(80,543.86)
Regulator Stations	-	(1,059.11)
Main Relocations net of Reimbursements	122,199.97	(8,209.43)
Main Clamps/Cathodic Protection	10,114.67	-
Main Reinforcements	-	-
	<hr/>	
Total	<u>1,536,521.78</u>	<u>(121,867.15)</u>
Total Net Increase in Depreciation Expense	<hr/> <u>1,414,654.63</u> <hr/>	

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Calculation of Property Taxes
Appendix B - Schedule 9

Spire Missouri West
ISRS Calculation of Property Taxes

DISTRIBUTION REAL ESTATE

		<u>CY 2018</u>
<u>Service Additions</u>		
Total Service Additions		2,263,217.86
Specific Real Additions		-
	376.10	
	Mains - 376s	6,309,366.84
Total Specific Additions		<u>6,309,366.84</u>
Retirements		
	Services	(586,067.43)
	Mains - Cast Iron	(40,161.41)
	Mains - Steel	(273,727.72)
	Mains - Plastic	(131,875.54)
		<u>(1,031,832.10)</u>
Net Real Estate		7,540,752.60
Assessment Rate		32%
Assessed Value		<u>2,413,040.83</u>
Real Estate Rate/\$100		8.3415
Real Estate Taxes		<u>201,283.92</u>

DISTRIBUTION PERSONAL PROPERTY

		<u>CY 2018</u>
	378.00	
	379.00	
Total Specific Personal		<u>-</u>
Specific Personal Retirements		
	378.00	(15,330.53)
	379.00	-
Total Specific Personal		<u>(15,330.53)</u>
Net Personal Property		(15,330.53)
Assessment Rate		33.33%
Assessed Value		<u>(5,109.67)</u>
Personal Prop. Rate/\$100		8.3415
Personal Property Taxes		<u>(426.22)</u>
Total Property Taxes		<u><u>200,857.70</u></u>

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Main Replacements
Appendix B - Schedule 10

Spire Missouri West
ISRS Deferred Taxes — Rate Base Reduction

	Oct 1, 2017 - Sept 15, 2018		Total
	Oct 1 2017 - June 30 2018		
	B	C	
	20 Year Life 50% Bonus	20 Year Life 0% Bonus	
Depreciation for the period for Plant in Service			
<u>Main Replacements, etc.</u> Additions	-	61,946,242.47	61,946,242.47
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	-	61,946,242.47	61,946,242.47
Bonus Depreciation for Period			
Sept 1 - Sept 30, 2014	-	-	-
Oct 1, 2014 - Feb 28, 2015	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	-	2,322,984.09	2,322,984.09
Fiscal Year 2019 (Oct 1 - Sep 30)	-	2,422,278.76	2,422,278.76
	-	-	-
Total Tax Depreciation	-	4,745,262.85	4,745,262.85
Total Book Depreciation			1,161,996.20
Difference Between Book and Tax Depreciation			3,583,266.65
Deferred Income Taxes (@25.4482%)			911,878.38

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Services
Appendix B - Schedule 11

Spire Missouri West
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period for Plant in Service	Oct 1, 2017 - Sept 15, 2018		Total
	B 20 Year Life 50% Bonus	C 20 Year Life 0% Bonus	
<u>Services</u> Additions	-	11,629,910.60	11,629,910.60
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	-	11,629,910.60	11,629,910.60
Bonus Depreciation for Period Sept 1 - Sept 30, 2014	-	-	-
Oct 1, 2014 - Feb 28, 2015	-	-	-
Tax Depreciation On Adj. Basis Fiscal Year 2018 (Oct 1 - Sep 30)	-	436,121.65	436,121.65
Fiscal Year 2019 (Oct 1 - Sep 30)	-	454,763.43	454,763.43
	-	-	-
Total Tax Depreciation	-	890,885.08	890,885.08
Total Book Depreciation			344,259.96
Difference Between Book and Tax Depreciation			546,625.12
Deferred Income Taxes (@25.4482%)			139,106.49

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Regulator Stations
Appendix B - Schedule 12

Spire Missouri West
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period for Plant in Service	Oct 1 - Dec 31 2017 Jan 1 - June 30 2018		Total
	20 Year Life 50% Bonus	20 Year Life 0% Bonus	
<u>Regulator Stations</u> Additions	-	-	-
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	-	-	-
Bonus Depreciation for Period			
Sept 1 - Sept 30, 2014	-	-	-
Oct 1, 2014 - Feb 28, 2015	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	-	-	-
Fiscal Year 2019 (Oct 1 - Sep 30)	-	-	-
	-	-	-
Total Tax Depreciation	-	-	-
Total Book Depreciation			-
Difference Between Book and Tax Depreciation			-
Deferred Income Taxes (@25.4482%)			-

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Deferred Taxes — Rate Base Reduction - Main Relocations
Appendix B - Schedule 13

Spire Missouri West
ISRS Deferred Taxes — Rate Base Reduction

Depreciation for the period	Oct 1, 2017 - Sept 15, 2018		
for Plant in Service	Oct 1 2017 - June 30 2018		
	B	C	Total
	20 Year Life	20 Year Life	
	50% Bonus	0% Bonus	
<u>Main Relocations</u>			
Additions	-	6,865,186.31	6,865,186.31
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	-	6,865,186.31	6,865,186.31
Bonus Depreciation for Period			
Sept 1 - Sept 30, 2014	-	-	-
Oct 1, 2014 - Feb 28, 2015	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	-	257,444.49	257,444.49
Fiscal Year 2019 (Oct 1 - Sep 30)	-	268,448.81	268,448.81
	-	-	-
Total Tax Depreciation	-	525,893.30	525,893.30
Total Book Depreciation			<u>127,782.17</u>
Difference Between Book and Tax Depreciation			<u>398,111.13</u>
Deferred Income Taxes (@25.4482%)			<u><u>101,312.29</u></u>

**Spire Missouri West
 ISRS - Case # GO-2019-0116
 Capital Structure/Rate of Return for ISRS
 Appendix B - Schedule 14**

**Spire Missouri West
 Capital Structure/Rate of Return for ISRS
 Case GR-2017-0216**

	% of Cap Structure	Embedded Cost	Weighted Cost	
LTD	45.84%	4.12%	1.8900%	1.89%
Preferred Stock	0.00%	0.00%	0.0000%	
Common Equity	54.16%	9.80%	5.3077%	7.12%
Total Capital *			<u>7.20%</u>	<u>9.0095%</u>
Tax Multiplier			1.34135	
Composite Weighted Cost of Debt			1.8900%	

* Reflects Missouri PSC's Amended Report and Order in GR-2017-0216

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Rate Design
Appendix B - Schedule 15

Spire Missouri West
ISRS Rate Design

Total ISRS Revenues 6,777,314

<u>Customer Rate Class</u>	<u>Number of Customers*</u>	<u>Customer Charge</u>	<u>Ratio to Residential Customer Charge</u>	<u>Weighted Customer Nos.</u>	<u>Customer Percentage</u>	<u>Current ISRS Charge</u>	<u>Current ISRS Revenues</u>
Residential	469,947	20.00	1.0000	469,947	82.9798%	1.00	5,623,804
SGS	31,727	30.00	1.5000	47,591	8.4033%	1.50	569,516
LGS	3,628	130.17	6.5085	23,610	4.1688%	6.49	282,533
LV	460	1,095.27	54.7635	25,191	4.4481%	54.61	301,460
Total	505,762				100.0000%		<u>6,777,314</u>

*Average customers - GR-2017-0216

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri West

INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE
ISRS

Description: Rate ISRS is designed to recover the costs associated with the Company's eligible infrastructure replacements in accordance with the provisions of sections 393.1009, 393.1012 and 393.1015, RSMo.

Applicability: Rate ISRS is applicable to each customer billing for service during the effectiveness of the ISRS rate element.

ISRS Rate Element: In addition to the other charges provided for in the Company's tariff, a monthly ISRS Rate Element shall be added to each bill for service on and after the effective date of the ISRS rate. The amount of the ISRS Rate Element, by customer class, is as follows:

Residential	\$ 2.26
Small General Service	\$ 3.59
Large General Service	\$ 12.83
Large Volume Service	\$ 93.86
Intrastate Transportation Service	\$ 93.86

DATE OF ISSUE: January 14, 2019

DATE EFFECTIVE: February 13, 2019

ISSUED BY: Scott A. Weitzel, Director, Rates & Regulatory Affairs
Spire Missouri Inc., St. Louis, MO. 63101

Context and talking points for Customer Service Infrastructure System replacement Surcharge (ISRS)

January 2019

What is the ISRS charge for?

The ISRS charge is authorized by a Missouri statute (section 393.1009-1015). It allows us to recover costs for two specific reasons – (1) performing mandated safety work and (2) complying with government requirements to relocate our pipelines.

We're committed to bringing the people we serve reliable energy that's safe. In 2011, we developed a pipeline upgrade program to comply with a safety requirement to replace hundreds of miles of old pipe over time with a safer, more reliable material (plastic). The ISRS charge covers a portion of the upfront cost we pay for these pipeline upgrades. The ISRS charge also covers costs we incur to meet government requirements to relocate our pipelines for the greater good of the communities we serve, such as for road expansions.

How does the charge work?

In April 2018, we began charging new rates as a result of a “rate case” we filed with the Missouri Public Service Commission (MoPSC). Since the new rates covered all of our costs through September 30, 2017, our previous ISRS charge was reset to \$0.

Since September 30, 2017, we have continued to perform mandated pipeline upgrade safety and relocation work. As of October 2018, our customers saw a new ISRS charge for that work for the period from October 1, 2017 through June 30, 2018. On January 14th, the Company filed ISRS petitions for the recovery of costs associated with work for the period July 1, 2018 through January 31, 2019.

As a result of this filing, residential customers will now see a \$1.40 ISRS charge on their bill in Missouri East, and a \$2.26 ISRS charge in Missouri West. Again, this only covers a portion of the cost needed to upgrade our infrastructure.

Throughout the year, we'll continue working with the MoPSC to determine a fair rate for the ISRS charge. This charge can change up to twice a year.

How do customers learn about the charge?

At the time, the ISRS charge was renewed we provided our customers with an initial notice about the change through a bill insert. We'll also send, once a year, a bill message to further educate customers about the charge.

What should I tell a customer who calls?

Appendix C

Here is some helpful information for you to share with customers inquiring about the ISRS charge.

- We care about your safety, so in 2011, we developed a pipeline upgrade program to comply with a safety requirement to replace hundreds of miles of old pipe over time with safer, more reliable plastic pipes. The ISRS charge covers a portion of the costs of those pipeline upgrades, as well as a portion of what we spend on projects for the greater good of the communities we serve (i.e. road improvements).
- We work with MoPSC closely to make sure rates are fair, and we're following Missouri law. And according to those laws, we can work with the MoPSC to adjust the charge up to two times a year.
- Even with this charge, it will take us decades to fully recover our costs.
- We always try to keep this charge as low as possible for customers. This charge has generally been an increase of less than 2 percent of your annual bill. This charge is lower for residential customers than for commercial and industrial customers.

The screenshot shows a web browser window with the URL <https://www.spireenergy.com/rates-and-tariffs>. The page features the Spire Energy logo and navigation links: "Natural gas energy", "Ways to save", and "Customer service". There are two buttons: "Pay My Bill" and "Get Started".

Terms Explained

Customer charge	+
Usage	+
Infrastructure System Replacement Surcharge (ISRS)	-
A portion of the cost to upgrade our pipelines to bring you even safer, more reliable service.	
Natural gas cost	+
Therm	+

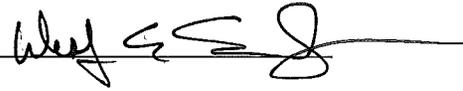
More Information

Rate schedules and clauses +

The Windows taskbar at the bottom shows the time as 10:13 AM on 6/26/2018. Various application icons are visible, including Outlook, Word, Excel, and the Spire Energy application.

CERTIFICATE OF SERVICE

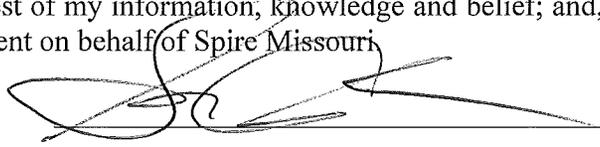
The undersigned certifies that a true and correct copy of the foregoing Application and Petition was served on the General Counsel of the Staff of the Missouri Public Service Commission and the Office of the Public Counsel on this 14th day of January, 2019 by hand-delivery, fax, electronic or regular mail.

/s/ 

VERIFICATION

State of Missouri)
)
City of St. Louis) ss

I, Scott Carter, being of lawful age state: that I am for Spire Missouri, that I have read the foregoing Application and Petition and the documents attached thereto; that the statements and information set forth in such Application and Petition and attached documents are true and correct to the best of my information, knowledge and belief; and, that I am authorized to make this statement on behalf of Spire Missouri



Subscribed and sworn to before me this 14th day of January, 2019.


Notary Public

My Commission Expires: OCTOBER, 29, 2022

