

ExH. 4

FILED
April 10, 2019
Data Center
Missouri Public
Service Commission

February 25, 2019

VIA EFIS

Secretary Morris Woodruff
Missouri Public Service Commission
Governor Office Building
200 Madison Street
Jefferson City, MO 65101

Re: Files Nos. GO-2019-0115 and GO-2019-0116

Dear Secretary Woodruff:

On behalf of Spire Missouri Inc. and its two operating divisions, Spire East and Spire West, attached for filing in the above-referenced matters are updated actual ISRS investments figures for the months of December 2018 and January 2019. These actual amounts are set forth as a supplement to Appendix A, which was attached to the ISRS Applications submitted on behalf of Spire East (File No. GO-2019-0115) and Spire West (File No. GO-2019-0116), respectively. These actual investment amounts replace the proforma estimates that were initially included for these months in the ISRS applications.

Thank you for bringing this matter to the attention of the appropriate Commission personnel.

Sincerely,

Spire Exhibit No. 4
Date 4-3-19 Reporter TU
File No. GO-2019-0115 +
GO-2019-0116

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

ISRS Work Order Additions Jul18 - Jan19
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	800383	F0647	Reloc 2122F 2-4P Womall 85th Ph6	201807	\$ (12,02)	na	100%	(12,02)	8.5	0.00148333	(0.15)	(0.21)
376300-Mains - Plastic	800385	F0647	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201807	\$ 44,202.36	na	100%	44,202.36	8.5	0.00148333	557.32	786.80
376300-Mains - Plastic	800470	F0647	Reloc 1124F 6P Englewood Phase 1A	201807	\$ (331.97)	na	100%	(331.97)	8.5	0.00148333	(4.19)	(5.91)
376300-Mains - Plastic	800526	F0678	Rel w/ 1600F 2-4P Pacific & Sunrise	201807	\$ 0.16	na	100%	0.16	8.5	0.00148333	-	-
376300-Mains - Steel	800546	F0647	Rel w/ 70F 4S Green Hills&Parkdale	201807	\$ (168.80)	na	100%	(168.80)	8.5	0.00148333	(2.12)	(3.00)
376300-Mains - Steel	800552	F0647	Rel w/ 165F 2P 22nd St KC MO Sewer	201807	\$ 1.19	na	100%	1.19	8.5	0.00148333	0.02	0.02
376300-Mains - Steel	800553	F0647	Rel w/ 812F P Marlborough WestPh3	201807	\$ 0.01	na	100%	0.01	8.5	0.00148333	-	-
376300-Mains - Plastic	800553	F0647	Rel w/ 812F P Marlborough WestPh3	201807	\$ 0.73	na	100%	0.73	8.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800586	F0647	Rel w/ 8935F 2P Marlborough Ph5	201807	\$ 12,338.02	na	100%	12,338.02	8.5	0.00148333	155.56	216.62
376300-Mains - Plastic	800596	F0664	Reloc w/ 9209F 2-4P 6th Street	201807	\$ (1,89)	na	100%	(1,89)	8.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	800728	F0664	Reloc 2821F 2P Broadway & Zora	201807	\$ (0.79)	na	100%	(0.79)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800961	F0647	Reloc 6883F 2-6P Womall & 85th Ph3	201807	\$ (1,573.74)	na	100%	(1,573.74)	8.5	0.00148333	(19.84)	(28.01)
376300-Mains - Plastic	800966	F0647	Reloc 1895F 4-6P Womall & 85th Ph4	201807	\$ (362.58)	na	100%	(362.58)	8.5	0.00148333	(4.57)	(6.45)
376300-Mains - Plastic	800967	F0647	Reloc 7913F 2-4P Womall & 85th Ph6	201807	\$ 98,430.83	na	100%	98,430.83	8.5	0.00148333	1,203.22	1,686.67
376300-Mains - Plastic	800969	F0647	Reloc 2925F 2-4P Womall 85th Ph6	201807	\$ (943.62)	na	100%	(943.62)	8.5	0.00148333	(11.92)	(16.60)
376300-Mains - Plastic	800970	F0647	Reloc 9123F 2P Womall & 85th Ph7	201807	\$ 21,444.22	na	100%	21,444.22	8.5	0.00148333	270.38	381.71
376300-Mains - Plastic	800970	F0647	Reloc 1975F 2-6P Womall & 85th Ph8	201807	\$ (529.33)	na	100%	(529.33)	8.5	0.00148333	(6.67)	(9.42)
376300-Mains - Steel	801069	F0678	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	\$ (13.20)	na	100%	(13.20)	8.5	0.00148333	(0.17)	(0.23)
376300-Mains - Steel	801069	F0678	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	\$ (0.82)	na	100%	(0.82)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	801080	F0647	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	F0647	Reloc 2794F 6P Pleasant Valley Ph 5	201807	\$ (229.22)	na	100%	(229.22)	8.5	0.00148333	(2.89)	(4.08)
376300-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	\$ 0.02	na	100%	0.02	8.5	0.00148333	-	-
376300-Mains - Steel	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 431F 2-4P Oakwood & Hines	201807	\$ (1,133.74)	na	100%	(1,133.74)	8.5	0.00148333	(14.31)	(20.20)
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201807	\$ (21.26)	na	100%	(21.26)	8.5	0.00148333	(0.27)	(0.38)
376300-Mains - Plastic	801293	F0664	Reloc 1324F 6P 32nd St Central City	201807	\$ (1,684.03)	na	100%	(1,684.03)	8.5	0.00148333	(21.23)	(29.98)
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201807	\$ 41.61	na	100%	41.61	8.5	0.00148333	0.52	0.74
376300-Mains - Plastic	801383	F0678	Reloc 384F 4P S Chatham 5th of 64th	201807	\$ (58,292)	na	100%	(58,292)	8.5	0.00148333	(734)	(1,034)
376300-Mains - Plastic	801381	F0647	Reloc 370F 2P Bennington Widening	201807	\$ 496.75	na	100%	496.75	8.5	0.00148333	6.25	8.82
376300-Mains - Plastic	801386	F0664	Reloc 1820F 2-6P 15th & Delaware	201807	\$ (2,402.07)	na	100%	(2,402.07)	8.5	0.00148333	(30.29)	(42.76)
376300-Mains - Plastic	801407	F0647	Reloc 1792F 4P Pleasant Valley Ph 4	201807	\$ (149.87)	na	100%	(149.87)	8.5	0.00148333	(1.89)	(2.67)
376300-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)
376300-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	\$ (62.03)	na	100%	(62.03)	8.5	0.00148333	(0.78)	(1.07)
376300-Mains - Steel	801447	F0647	Reloc 16F 2S 7013 N Baltimore	201807	\$ 3.79	na	100%	3.79	8.5	0.00148333	0.05	0.07
376300-Mains - Plastic	801509	F0678	Reloc 260F 4P Englewood ArDistrict	201807	\$ (12.87)	na	100%	(12.87)	8.5	0.00148333	(0.16)	(0.23)
376300-Mains - Plastic	801555	F0678	Reloc 2730F 2-4P Ward-Tudor Donovan	201807	\$ (34.18)	na	100%	(34.18)	8.5	0.00148333	(0.43)	(0.61)
376300-Mains - Plastic	801578	F0647	Reloc 320F 4P N Chatham 5th of 64th	201807	\$ (2,680.00)	na	100%	(2,680.00)	8.5	0.00148333	(34.34)	(47.52)
376300-Mains - Plastic	801580	F0678	Reloc 1075F 4P 19th & Norwood	201807	\$ (265.04)	na	100%	(265.04)	8.5	0.00148333	(3.4)	(4.62)
376300-Mains - Steel	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201807	\$ (0.53)	na	100%	(0.53)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Steel	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201807	\$ (29.37)	na	100%	(29.37)	8.5	0.00148333	(0.37)	(0.52)
376300-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)
376300-Mains - Plastic	801682	F0678	Reloc 1922F 4-6P Griffith Place	201807	\$ 1,071.92	na	100%	1,071.92	8.5	0.00148333	13.58	19.17
376300-Mains - Plastic	801680	F0647	Reloc 15F 2P Bennington & 38th	201807	\$ 20.27	na	100%	20.27	8.5	0.00148333	0.26	0.36
376300-Mains - Plastic	801683	F0647	Reloc 15F 4P NE 45th & N Holmes	201807	\$ 76.14	na	100%	76.14	8.5	0.00148333	0.96	1.31
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201807	\$ (212.81)	na	100%	(212.81)	8.5	0.00148333	(2.68)	(3.79)
376300-Mains - Plastic	801733	F0678	Reloc 5310F 2-4-6P Crysler&70 MODOOT	201807	\$ (2,428.03)	na	100%	(2,428.03)	8.5	0.00148333	(30.82)	(43.22)
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201807	\$ (63.59)	na	100%	(63.59)	8.5	0.00148333	(0.80)	(1.13)
376300-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201807	\$ 89.23	na	100%	89.23	8.5	0.00148333	1.13	1.59
376300-Mains - Plastic	801829	F0647	Reloc 300F 2P Moore Drive & Amity	201807	\$ 576.17	na	100%	576.17	8.5	0.00148333	7.26	10.26
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201807	\$ 390.49	na	100%	390.49	8.5	0.00148333	4.92	6.85
376300-Mains - Plastic	801841	F0647	Reloc 60F 2P RD Mize	201807	\$ (77.12)	na	100%	(77.12)	8.5	0.00148333	(0.98)	(1.37)
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201807	\$ 2,168.41	na	100%	2,168.41	8.5	0.00148333	27.34	38.60
376300-Mains - Plastic	801866	F0647	Reloc 550F 6P 22nd-23rd Connector	201807	\$ (73.64)	na	100%	(73.64)	8.5	0.00148333	(0.93)	(1.31)
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highway & Florida	201807	\$ 1,718.21	na	100%	1,718.21	8.5	0.00148333	21.66	30.58
376300-Mains - Steel	801919	F0678	Reloc 373F 6-8S 39th & Noland Rd	201807	\$ (4,817.0)	na	100%	(4,817.0)	8.5	0.00148333	(60.62)	(83.26)
376300-Mains - Steel	801902	F0678	Reloc 110F 4P 42nd St Trinity Woods	201807	\$ 34.14	na	100%	34.14	8.5	0.00148333	0.43	0.61
376300-Mains - Plastic	801907	F0647	Reloc 58F 2P 86th & Eastern	201807	\$ 3,229.54	na	100%	3,229.54	8.5	0.00148333	40.72	57.49
376300-Mains - Steel	801925	F0678	Reloc 1735F 2-4P&4S N Main-8th/10th	201807	\$ (31.32)	na	100%	(31.32)	8.5	0.00148333	(0.39)	(0.56)
376300-Mains - Plastic	801925	F0678	Reloc 1735F 2-4P&4S N Main-8th/10th	201807	\$ (935.52)	na	100%	(935.52)	8.5	0.00148333	(11.80)	(16.65)
376300-Mains - Plastic	801927	F0647	Reloc 45F 2-4P Spring Valley & 96th	201807	\$ (2,074.82)	na	100%	(2,074.82)	8.5	0.00148333	(26.49)	(36.33)
376300-Mains - Plastic	801983	F0647	Reloc 395F 2-4P Lawson Main	201807	\$ (1,924.50)	na	100%	(1,924.50)	8.5	0.00148333	(24.26)	(34.20)
376300-Mains - Plastic	802000	F0678	Reloc 590F 2P 10418 Truman Rd	201807	\$ 42,918.23	na	100%	42,918.23	8.5	0.00148333	541.13	763.94
376300-Mains - Steel	802008	F0678	Reloc 15F 4S E 30th Ter & Gateway	201807	\$ 47,767.45	na	100%	47,767.45	8.5	0.00148333	602.27	850.26
376300-Mains - Plastic	800383	F0647	Target Marlborough East Ph 2 Reloc	201808	\$ (15.13)	na	100%	(15.13)	7.5	0.00148333	(0.17)	(0.27)
376300-Mains - Plastic	800385	F0647	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201808	\$ (642.87)	na	100%	(642.87)	7.5	0.00148333	(7.15)	(11.44)
376300-Mains - Plastic	800470	F0647	Reloc 1124F 6P Englewood Phase 1A	201808	\$ (0.16)	na	100%	0.16	7.5	0.00148333	-	-
376300-Mains - Plastic	800526	F0647	Rel w/ 1600F 2-4P Pacific & Sunrise	201808	\$ 0.16	na	100%	0.16	7.5	0.00148333	-	-
376300-Mains - Steel	800546	F0647	Rel w/ 70F 4S Green Hills&Parkdale	201808	\$ (1,423.53)	na	100%	(1,423.53)	7.5	0.00148333	(18.84)	(26.34)
376300-Mains - Steel	800552	F0647	Rel w/ 165F 2P 22nd St KC MO Sewer	201808	\$ 1.19	na	100%	1.19	7.5	0.00148333	0.02	0.02
376300-Mains - Steel	800553	F0647	Rel w/ 812F P Marlborough WestPh3	201808	\$ (420.16)	na	100%	(420.16)	7.5	0.00148333	(4.67)	(7.48)
376300-Mains - Steel	800553	F0647	Rel w/ 812F P Marlborough WestPh3	201808	\$ (1,110.53)	na	100%	(1,110.53)	7.5	0.00148333	(12.35)	(19.77)
376300-Mains - Plastic	800586	F0647	Rel w/ 8935F 2P Marlborough Ph5	201808	\$ 24,303.54							

Spire Missouri West
 IRSR - Case # GO-2019-0116
 IRSR Work Order Additions Jul18 - Jan19
 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	Depr Mo Rate	Accum Dep	Depr Expense
376300-Mains - Plastic	800596	F0664	Reloc W 9200F 2-4-6P 4th Street	201809	\$ (40,338.37)	na	100%	(40,338.37)	6.5	0.00148333	(386.93)	(718.02)
376300-Mains - Plastic	800779	F0664	Reloc 2912F 2-4-6P Brockway & Zora	201809	\$ (21,920.09)	na	100%	(21,920.09)	6.5	0.00148333	(209.01)	(418.02)
376300-Mains - Plastic	800960	F0664	Reloc 1170F 2-4-6P 4th & School Ph 1	201809	\$ 25,771.38	na	100%	25,771.38	6.5	0.00148333	248.48	458.73
376300-Mains - Plastic	800961	F0664	Reloc 6883F 2-4-6P 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	800966	F0647	Reloc 1859F 4-6P Wornall & 85th Ph4	201809	\$ (14,252.67)	na	100%	(14,252.67)	6.5	0.00148333	(137.42)	(253.70)
376300-Mains - Plastic	800967	F0647	Reloc 7915F 2-4-6P Wornall & 85th Ph5	201809	\$ (22,140.6)	na	100%	(22,140.6)	6.5	0.00148333	(212.14)	(404.84)
376300-Mains - Plastic	800968	F0647	Reloc 2942F 2-4-6P Wornall 85th Ph6	201809	\$ 4,587.84	na	100%	4,587.84	6.5	0.00148333	45.09	88.78
376300-Mains - Plastic	800969	F0647	Reloc 9123F 2-4-6P Wornall & 85th Ph7	201809	\$ (3,896.23)	na	100%	(3,896.23)	6.5	0.00148333	(37.57)	(69.35)
376300-Mains - Plastic	800970	F0647	Reloc 1975F 2-4-6P Wornall & 85th Ph8	201809	\$ (8,992.10)	na	100%	(8,992.10)	6.5	0.00148333	(83.12)	(338.06)
376100-Mains - Steel	801069	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	\$ (21.96)	na	100%	(21.96)	6.5	0.00148333	(0.21)	(0.39)
376300-Mains - Plastic	801069	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	\$ (14.86)	na	100%	(14.86)	6.5	0.00148333	(0.14)	(0.33)
376300-Mains - Plastic	801070	F0547	Reloc 290F 2P PBS CLAYCOMO LU	201809	\$ 30,084.15	na	100%	30,084.15	6.5	0.00148333	290.06	535.50
376300-Mains - Plastic	801080	F0647	Reloc 1212F 2-4-6P Pleasant Val Ph2	201809	\$ 16.71	na	100%	16.71	6.5	0.00148333	0.16	0.30
376300-Mains - Plastic	801082	F0647	Reloc 1862F 4-6P PleasantVal Phase3	201809	\$ 9,845.52	na	100%	9,845.52	6.5	0.00148333	94.93	175.25
376300-Mains - Plastic	801084	F0647	Reloc 2794F 6P PleasantVal Ph 5	201809	\$ (461.58)	na	100%	(461.58)	6.5	0.00148333	(4.45)	(8.22)
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4-6P 22nd - 15th Phase3	201809	\$ 0.01	na	100%	0.01	6.5	0.00148333	0.01	0.03
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4-6P 22nd - 15th Phase3	201809	\$ 1.72	na	100%	1.72	6.5	0.00148333	0.02	0.03
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4-6P Oakwood & Hines	201809	\$ (2,029.98)	na	100%	(2,029.98)	6.5	0.00148333	(19.57)	(36.13)
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TXAZ 20th to 22nd	201809	\$ (15,973.96)	na	100%	(15,973.96)	6.5	0.00148333	(154.02)	(284.24)
376300-Mains - Plastic	801287	F0664	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	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201809	\$ 77.54	na	100%	77.54	6.5	0.00148333	0.75	1.38
376300-Mains - Plastic	801363	F0578	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	801361	F0647	Reloc 370F 2P Bennington Widening	201809	\$ (145.91)	na	100%	(145.91)	6.5	0.00148333	(1.41)	(2.60)
376300-Mains - Plastic	801386	F0664	Reloc 1622F 2-4-6P 15th & Delaware	201809	\$ 6,103.15	na	100%	6,103.15	6.5	0.00148333	58.71	(10.2)
376300-Mains - Plastic	801405	F0647	Reloc 2665F 2-4-6P NW 72nd St - L29	201809	\$ (2,154.02)	na	100%	(2,154.02)	6.5	0.00148333	(20.77)	(38.54)
376100-Mains - Steel	801407	F0647	Reloc 1270F 4P Pleasant Valley Ph 4	201809	\$ 268.57	na	100%	268.57	6.5	0.00148333	2.59	4.78
376300-Mains - Plastic	801407	F0647	Reloc 1270F 4P Pleasant Valley Ph 4	201809	\$ (1,506.83)	na	100%	(1,506.83)	6.5	0.00148333	(14.53)	(26.82)
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	\$ (4.76)	na	100%	(4.76)	6.5	0.00148333	(0.05)	(0.08)
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	\$ (0.81)	na	100%	(0.81)	6.5	0.00148333	(0.01)	(0.02)
376100-Mains - Steel	801447	F0647	Reloc 16F 2S 7013 N Baltimore	201809	\$ 3.09	na	100%	3.09	6.5	0.00148333	0.03	0.06
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArDistrict	201809	\$ (41.57)	na	100%	(41.57)	6.5	0.00148333	(0.40)	(0.74)
376300-Mains - Plastic	801565	F0578	Reloc 2730F 2-4-6P Ward-Tutor Donovan	201809	\$ (71.94)	na	100%	(71.94)	6.5	0.00148333	(0.69)	(1.28)
376300-Mains - Plastic	801578	F0647	Reloc 395F 2-4-6P N Chatham N of 64th	201809	\$ (52.89)	na	100%	(52.89)	6.5	0.00148333	(0.51)	(0.94)
376300-Mains - Plastic	801579	F0647	Reloc 320F 4P N Chatham Sth of 64th	201809	\$ (131.45)	na	100%	(131.45)	6.5	0.00148333	(1.24)	(2.34)
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201809	\$ (502.44)	na	100%	(502.44)	6.5	0.00148333	(4.84)	(8.94)
376100-Mains - Steel	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201809	\$ (0.95)	na	100%	(0.95)	6.5	0.00148333	(0.01)	(0.02)
376300-Mains - Plastic	801586	F0647	Reloc 49F 2S Smithville @ Hawthorne	201809	\$ (54.30)	na	100%	(54.30)	6.5	0.00148333	(0.53)	(0.98)
376300-Mains - Steel	801598	F0647	Reloc 20F 4S 21st St	201809	\$ (201.82)	na	100%	(201.82)	6.5	0.00148333	(1.97)	(3.61)
376300-Mains - Plastic	801682	F0578	Reloc 1927F 4-6P Griffith Place	201809	\$ (535.04)	na	100%	(535.04)	6.5	0.00148333	(5.16)	(9.52)
376300-Mains - Plastic	801680	F0647	Reloc 15F 2P Bennington & 38th	201809	\$ 5.23	na	100%	5.23	6.5	0.00148333	0.05	0.09
376300-Mains - Plastic	801683	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	801706	F0664	Reloc 1305F 2-4-6P Turkey Creek Bridge	201809	\$ (6,348.35)	na	100%	(6,348.35)	6.5	0.00148333	(61.21)	(110.00)
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Chrysler/70 MODOOT	201809	\$ (1,914.68)	na	100%	(1,914.68)	6.5	0.00148333	(18.46)	(34.00)
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201809	\$ (135.16)	na	100%	(135.16)	6.5	0.00148333	(1.30)	(2.41)
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201809	\$ 37.19	na	100%	37.19	6.5	0.00148333	0.36	0.66
376300-Mains - Plastic	801829	F0647	Reloc 390F 2P Moore Drive & Amity	201809	\$ (69.48)	na	100%	(69.48)	6.5	0.00148333	(0.67)	(1.06)
376300-Mains - Plastic	801833	F0664	Reloc 285F 2-4-6P Miller to Ozark	201809	\$ (24.03)	na	100%	(24.03)	6.5	0.00148333	(0.23)	(0.44)
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201809	\$ 12.87	na	100%	12.87	6.5	0.00148333	0.12	0.23
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4-6P F4010 Reloc Joplin	201809	\$ (1,186.56)	na	100%	(1,186.56)	6.5	0.00148333	(11.44)	(21.12)
376300-Mains - Plastic	801856	F0647	Reloc 590F 6P 22nd-23rd Connector	201809	\$ (133.97)	na	100%	(133.97)	6.5	0.00148333	(1.29)	(2.38)
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4-6P Highway & Florida	201809	\$ 6,537.83	na	100%	6,537.83	6.5	0.00148333	63.04	116.37
376300-Mains - Plastic	801864	F0647	Reloc 3229F 2-4-6P Wornall 85th Ph8	201809	\$ (132,807.67)	na	100%	(132,807.67)	6.5	0.00148333	(1,279.79)	(2,382.69)
376100-Mains - Steel	801901	F0647	Reloc 373F 6-8S 38th & Noland Rd	201809	\$ (32.11)	na	100%	(32.11)	6.5	0.00148333	(0.31)	(0.57)
376300-Mains - Plastic	801902	F0578	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	801907	F0647	Reloc 58F 2P 86th & Eastern	201809	\$ (134.87)	na	100%	(134.87)	6.5	0.00148333	(1.30)	(2.40)
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4-6P Main-BH10h	201809	\$ (23.86)	na	100%	(23.86)	6.5	0.00148333	(0.23)	(0.42)
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4-6P Main-BH10h	201809	\$ (708.29)	na	100%	(708.29)	6.5	0.00148333	(6.81)	(12.57)
376300-Mains - Plastic	801927	F0647	Reloc 456F 2-4-6P SpringValley & 96th	201809	\$ (857.86)	na	100%	(857.86)	6.5	0.00148333	(8.27)	(15.27)
376300-Mains - Plastic	801939	F0647	Reloc 1822F 4P Mansfield-SW PkwyV4	201809	\$ (3,378.12)	na	100%	(3,378.12)	6.5	0.00148333	(32.55)	(60.09)
376300-Mains - Plastic	801983	F0647	Reloc 395F 2-4-6P Lawton Main	201809	\$ 19,427.67	na	100%	19,427.67	6.5	0.00148333	187.26	345.70
376300-Mains - Plastic	801978	F0578	Reloc 2018F 2-4-6P Truman Rd	201809	\$ (20,820.6)	na	100%	(20,820.6)	6.5	0.00148333	(200.82)	(378.40)
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
376300-Mains - Plastic	802044	F0647	Reloc 2517F 2-4-6P Prospect WalnutElm	201809	\$ (898.12)	na	100%	(898.12)	6.5	0.00148333	(8.77)	(16.40)
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4-6P 5th & GrandCarthage	201809	\$ 5,775.42	na	100%	5,775.42	6.5	0.00148333	55.68	102.80
376300-Mains - Plastic	802058	F0578	Reloc 15F 4S E 30th Ter & Gateway	201809	\$ 34,400.6)	na	100%	34,400.6)	6.5	0.00148333	332.89	612.23
376100-Mains - Steel	802008	F0578	Reloc 373F 6-8S 38th & Noland Rd	201810	\$ (6,605.72)	na	100%	(6,605.72)	6.5	0.00148333	(78.37)	(170.88)
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201810	\$ 94.96	na	100%	94.96	5.5	0.00148333	0.77	1.69
376100-Mains - Steel	800968	F0647	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	801945	F0578	Reloc 1735F 2-4-6P Main-BH10h	201810	\$ 311.54	na	100%	311.54	5.5	0.00148333	2.54	5.85
376300-Mains - Plastic	801945	F0578	Reloc 1735F 2-4-6P Main-BH10h	201810	\$ (4,026.33)	na	100%	(4,026.33)	5.5	0.00148333	(32.29)	(716.26)
376300-Mains - Plastic	801984	F0647										

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

ISRS Work Order Additions Jul18 - Jan19
 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		Revised Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense
						Result	Adjustment					
376300-Mains - Plastic	802202	F0664	Reloc 15F 4P Brick Street Upgrade	201812	\$ 23,334.23	na	100%	23,334.23	3.5	0.00148333	122.18	416.81
376300-Mains - Plastic	802205	F0647	Reloc 2065F 2-4P NW 72nd St L-29	201901	\$ 28,295.71	na	100%	28,295.71	2.5	0.00148333	131.03	449.24
376300-Mains - Plastic	801958	F0647	Reloc 393F 4P Prospect at 35th	201812	\$ 36,797.78	na	100%	36,797.78	3.5	0.00148333	191.04	655.00
376300-Mains - Plastic	801894	F0647	Reloc 3220F 2-4-6P Wornall 85th/90th	201901	\$ (39,515.83)	na	100%	(39,515.83)	2.5	0.00148333	(146.54)	(703.38)
376300-Mains - Plastic	800969	F0647	Reloc 9123F 2P Wornall & 85th Ph7	201901	\$ (13,918.37)	na	100%	(13,918.37)	2.5	0.00148333	(51.61)	(247.71)
376300-Mains - Plastic	801405	F0647	Reloc 2065F 2-4P NW 72nd St L-29	201901	\$ (11,680.19)	na	100%	(11,680.19)	2.5	0.00148333	(44.31)	(207.81)
376300-Mains - Plastic	802202	F0664	Reloc 15F 4P Brick Street Upgrade	201901	\$ (4,870.91)	na	100%	(4,870.91)	2.5	0.00148333	(18.06)	(86.70)
376100-Mains - Steel	802202	F0664	Reloc 15F 4P Brick Street Upgrade	201901	\$ (847.14)	na	100%	(847.14)	2.5	0.00148333	(3.14)	(15.08)
376300-Mains - Plastic	802222	F0647	Reloc 150F 6P 12th & Charlotte	201901	\$ (592.68)	na	100%	(592.68)	2.5	0.00148333	(2.20)	(10.55)
376300-Mains - Plastic	802220	F0647	Reloc 1959F 2P Edgerton - Bell Ave	201901	\$ (255.17)	na	100%	(255.17)	2.5	0.00148333	(0.96)	(4.54)
376300-Mains - Plastic	800968	F0647	Reloc 2942F 2-4-6P Wornall 85th Ph6	201901	\$ (214.31)	na	100%	(214.31)	2.5	0.00148333	(0.79)	(3.81)
376300-Mains - Plastic	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201901	\$ (84.89)	na	100%	(84.89)	2.5	0.00148333	(0.31)	(1.51)
376300-Mains - Plastic	801733	F0647	Reloc 5310F 2-4-6P Crysler&700 MDDT	201901	\$ (37.76)	na	100%	(37.76)	2.5	0.00148333	(0.14)	(0.67)
376300-Mains - Plastic	802044	F0647	Reloc 2517F 2-4P Prospect WalnutEim	201901	\$ (11.05)	na	100%	(11.05)	2.5	0.00148333	(0.04)	(0.20)
376300-Mains - Plastic	801361	F0647	Reloc 3305F 2P Remington Wornall	201901	\$ (7.29)	na	100%	(7.29)	2.5	0.00148333	(0.03)	(0.13)
376300-Mains - Plastic	800966	F0647	Reloc 1859F 4-6P Wornall & 85th Ph4	201901	\$ (4.81)	na	100%	(4.81)	2.5	0.00148333	(0.02)	(0.09)
376300-Mains - Plastic	800967	F0647	Reloc 7913F 2-4P Wornall & 85th Ph5	201901	\$ (2.21)	na	100%	(2.21)	2.5	0.00148333	(0.01)	(0.04)
376100-Mains - Steel	802028	F0678	Reloc 15F 4S E 30th Ter & Gateway	201901	\$ (0.57)	na	100%	(0.57)	2.5	0.00148333	-	(0.01)
376300-Mains - Plastic	801936	F0678	Reloc 145F 4P Ward Rd & 163rd	201901	\$ (0.51)	na	100%	(0.51)	2.5	0.00148333	-	(0.01)
376100-Mains - Steel	800968	F0647	Reloc 2942F 2-4-6P Wornall 85th Ph6	201901	\$ (0.27)	na	100%	(0.27)	2.5	0.00148333	-	(0.01)
376300-Mains - Plastic	802311	F0647	Reloc 735F 4P N Oak-Hill to Indiana	201901	\$ 4.21	na	100%	4.21	2.5	0.00148333	0.02	0.07
376300-Mains - Plastic	801939	F0647	Reloc 1822F 4P Mansfield-SW Pkwy14	201901	\$ 12.22	na	100%	12.22	2.5	0.00148333	0.05	0.22
376300-Mains - Plastic	800970	F0647	Reloc 1975F 2-6P Wornall & 85th Ph8	201901	\$ 98.31	na	100%	98.31	2.5	0.00148333	0.36	1.75
376100-Mains - Steel	802228	F0647	Reloc 6125F 2P Wornall & 85th Ph1	201901	\$ 495.24	na	100%	495.24	2.5	0.00148333	1.68	7.81
376300-Mains - Plastic	801082	F0647	Reloc 1862F 4-6P PleasantVal Phase3	201901	\$ 737.58	na	100%	737.58	2.5	0.00148333	2.74	13.13
376100-Mains - Steel	801405	F0647	Reloc 2065F 2-4P NW 72nd St L-29	201901	\$ 1,308.84	na	100%	1,308.84	2.5	0.00148333	4.85	23.30
376300-Mains - Plastic	802238	F0678	Reloc 150F 4P Main at Stone	201901	\$ 2,791.78	na	100%	2,791.78	2.5	0.00148333	10.35	49.69
376100-Mains - Steel	801958	F0647	Reloc 393F 4P Prospect at 35th	201901	\$ 5,185.27	na	100%	5,185.27	2.5	0.00148333	19.23	92.30
376300-Mains - Plastic	802170	F0647	Reloc 206F 2P PHS A/CYCMCO JH1	201901	\$ 6,374.44	na	100%	6,374.44	2.5	0.00148333	23.64	113.48
376100-Mains - Steel	801504	F0647	Reloc 2730F 4S 155th Kennington PHL	201901	\$ 8,874.63	na	100%	8,874.63	2.5	0.00148333	39.91	167.87
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4P 5th & GrantCarriage	201901	\$ 12,858.87	na	100%	12,858.87	2.5	0.00148333	47.68	228.89
376300-Mains - Plastic	801921	F0647	Reloc 2160F 2-4P Old Pike / NW 53rd	201901	\$ 14,669.68	na	100%	14,669.68	2.5	0.00148333	54.40	261.12
376300-Mains - Plastic	802250	F0647	Reloc 655F 2P W Main St & N Main	201901	\$ 45,517.46	na	100%	45,517.46	2.5	0.00148333	169.79	810.21
376300-Mains - Plastic	802259	F0647	Reloc 2400F 2-4P Monroe & Nicholson	201901	\$ 106,361.45	na	100%	106,361.45	2.5	0.00148333	384.42	1,833.23
376300-Mains - Plastic	802280	F0664	Reloc 820F 2-4P 3rd & South Ozark	201901	\$ 128,959.64	na	100%	128,959.64	2.5	0.00148333	478.22	2,295.48
376300-Mains - Plastic	800629	F0647	Reloc 2744F 2-4-6P Englewood PH1B	201901	\$ 280,503.85	na	100%	280,503.85	2.5	0.00148333	1,040.20	4,992.96
Total Main Relocations						3,072,464.50					25,649.48	54,689.79
Mains - Replacements												
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201807	\$ 22.98	2.20%	97.80%	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)	3.57%	96.41%	(25.73)	8.5	0.00148333	(0.32)	(0.46)
376300-Mains - Plastic	800094	F0604	Repl w/ 4644F 2P Belton Ph1	201807	\$ (53.32)	0.93%	99.07%	(51.67)	8.5	0.00148333	(0.19)	(0.34)
376300-Mains - Plastic	800093	F0604	Repl 3111F 2-4-6P Belton Phase 1C	201807	\$ 8,686.21	0.59%	99.43%	8,615.69	8.5	0.00148333	108.64	163.38
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	14.66	67.28
376300-Mains - Plastic	800122	F0699	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	F0699	Repl w/ 4556F 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	F0699	Repl w/ 4337F 2P Liberty PhA	201807	\$ (3.41)	0.46%	99.54%	(3.34)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800125	F0699	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	F0699	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	F0699	Repl 1827F 2-4P Liberty Phase J	201807	\$ (141.28)	-0.81%	100%	(141.28)	8.5	0.00148333	(1.78)	(2.51)
376300-Mains - Plastic	800130	F0604	Repl w/ 4462F 2-4P Belton Ph2B	201807	\$ (0.41)	0.09%	99.90%	(0.40)	8.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800131	F0604	Repl w/ 7363F 2-4P Belton Phase C	201807	\$ (14.94)	1.11%	98.89%	(14.77)	8.5	0.00148333	(0.19)	(0.28)
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	F0699	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	F0699	FY16 Strat Grid-St. Joe's South 1B	201807	\$ (14.60)	0.09%	100%	(14.60)	8.5	0.00148333	(0.18)	0.48
376300-Mains - Plastic	800147	F0699	Repl w/ 6372F 2-6P 71 & Gregory PhG	201807	\$ 6.85	-0.95%	99.05%	6.85	8.5	0.00148333	0.09	0.12
376300-Mains - Plastic	800148	F0699	Repl w/ 5255F 2P Hwy 71 & Gregory PhH	201807	\$ 0.78	0.62%	99.38%	0.78	8.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800149	F0699	Repl w/ 4561F 2-6P Hwy 71 & Gregory PhI	201807	\$ 1,987.29	1.32%	98.68%	1,829.29	8.5	0.00148333	149.15	210.56
376300-Mains - Plastic	800150	F0699	Repl w/ 4736F 2-6P 71 & Gregory Ph J	201807	\$ 7.62	2.59%	97.41%	7.42	8.5	0.00148333	0.09	0.13
376300-Mains - Plastic	800151	F0699	Repl w/ 4462F 2-4P Belton Ph2B	201807	\$ 48.84	0.69%	99.40%	47.84	8.5	0.00148333	0.24	0.31
376300-Mains - Plastic	800152	F0699	N Budd Park Cl Grid Reph Phase 1D	201807	\$ 39.79	2.95%	97.01%	38.60	8.5	0.00148333	0.43	0.69
376300-Mains - Plastic	800158	F0699	N Budd Park Cl Repl Phase 1G IUI	201807	\$ (103,982.43)	1.31%	98.69%	(129,263.48)	8.5	0.00148333	(1,629.79)	(2,300.88)
376300-Mains - Plastic	800159	F0699	N Budd Park Cl Repl Phase 1H	201807	\$ (10.34)	-0.21%	100%	(10.34)	8.5	0.00148333	(0.13)	(0.18)
376300-Mains - Plastic	800163	F0772	Webb City Phase 1D Bare Steel Repl	201807	\$ (11.40)	1.09%	98.91%	(11.38)	8.5	0.00148333	(0.02)	(0.02)
376100-Mains - Steel	800224	F0604	Repl w/ 2118F 2-4P Belton Ph1A	201807	\$ 91.84	0.91%	99.09%	91.84	8.5	0.00148333	1.51	16.24
376300-Mains - Plastic	800256	F0604	Repl w/ 8006F 2-4P Pleasant Hill Ph3	201807	\$ 75.10	-3.39%	100%	75.10	8.5	0.00148333	0.95	1.34
376300-Mains - Plastic	800257	F0604	Repl w/ 8327F 2-4P Pleasant Hill Ph4	201807	\$ (47.88)	4.45%	95.55%	(45.57)	8.5	0.00148333	(0.06)	(0.08)
376300-Mains - Plastic	800258	F0604	Repl w/ 11818F 2-4P Pleasant Hill Ph5	201807	\$ (22.43)	1.61%	98.39%	(22.07)	8.5	0.00148333	(0.28)	(0.39)
376300-Mains - Plastic	800259	F0604	Repl w/ 8609F 2-4P Pleasant Hill Ph6	201807	\$ (42,939.24)	2.28%	97.72%	(42,939.24)	8.5	0.00148333	(47.42)	(60.99)
376300-Mains - Plastic	800262	F0772	Webb City Phase 2A Grid Bars ST Rep	201807	\$ 2,509.50	0.67%	99.33%	2,452.71	8.5	0.00148333	17.43	44.37
376300-Mains - Plastic	800263	F0772	Repl w/ 1375F 2P Webb City Ph2B	201807	\$ 1,384.64	0.00%	100%	1,384.64	8.5	0.00148333	14.46	24.65
376300-Mains - Plastic	800264	F0772	Repl w/ 650									

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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	800722	F0599	Repl 3015F 2-4P Hwy71 Gregory Ph C	201807	\$ 6,49	-0.18%	100%	6,49	8.5	0.0048333	0.08	0.12
376300-Mains - Plastic	800727	F0604	Repl w 236F 2-4P 31st & Mason St	201807	\$ 2,363	0.25%	100%	2,363	8.5	0.0048333	0.03	0.00
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-4P Concordia Phase A	201807	\$ 89.01	1.85%	98.15%	87.36	8.5	0.0048333	1.10	1.56
376300-Mains - Plastic	800759	F0604	Repl 7111F 2-4P Concordia Phase B	201807	\$ 43.34	0.94%	99.06%	42.93	8.5	0.0048333	0.54	0.76
376300-Mains - Plastic	800760	F0604	Repl 11666F 2-4P Concordia Phase C	201807	\$ (248,624.19)	2.01%	97.99%	(248,614.94)	8.5	0.0048333	(3,094.18)	(4,354.18)
376300-Mains - Plastic	800761	F0604	Repl 926F 2-4P Concordia Phase D	201807	\$ (11,426.44)	-0.22%	100%	(11,426.44)	8.5	0.0048333	(93.73)	(119.17)
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	201807	\$ (59,886.85)	-0.23%	100%	(59,886.85)	8.5	0.0048333	(1,755.97)	(1,965.98)
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201807	\$ (39.40)	1.01%	98.99%	(39.00)	8.5	0.0048333	(0.49)	(0.69)
376300-Mains - Plastic	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201807	\$ (1,786.04)	1.01%	98.99%	(1,788.07)	8.5	0.0048333	(22.29)	(31.47)
376300-Mains - Plastic	800794	F0599	Inst 5456F 12P Header Dunn Park#1	201807	\$ 3,111.80	0.00%	100%	3,111.80	8.5	0.0048333	39.23	55.39
376300-Mains - Plastic	800795	F0599	Repl w 6406F 2-4P Dunn Park Wt 71	201807	\$ 1,040.60	5.41%	94.59%	991.99	8.5	0.0048333	12.51	17.66
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201807	\$ 3,914.07	0.00%	100%	3,914.07	8.5	0.0048333	49.35	69.67
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201807	\$ (399.52)	1.47%	98.53%	(394.25)	8.5	0.0048333	(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	0.0048333	(7.21)	(10.17)
376300-Mains - Plastic	800799	F0599	Repl 8330F 2-4P Dunn Park Phase 1I	201807	\$ 1,735.11	0.83%	98.37%	1,725.15	8.5	0.0048333	22.58	34.11
376300-Mains - Plastic	800800	F0599	Repl w 10745F 2-4P Dunn Park Phase 1J	201807	\$ (521.38)	0.57%	99.43%	(518.41)	8.5	0.0048333	(6.54)	(9.23)
376300-Mains - Plastic	800801	F0599	Repl 6380F 2-4P Dunn Park W of 71 E	201807	\$ (63.11)	-0.59%	100%	(63.11)	8.5	0.0048333	(0.80)	(1.12)
376300-Mains - Plastic	800802	F0599	Inst 3425F 12P E Meyers Ph1 Header	201807	\$ (909.90)	0.00%	100%	(909.90)	8.5	0.0048333	(11.47)	(16.20)
376300-Mains - Plastic	800807	F0604	Repl w 2565F 2P Lee St & Main	201807	\$ (15.35)	-0.57%	100%	(15.35)	8.5	0.0048333	(0.07)	(0.10)
376300-Mains - Plastic	800855	F0604	Repl 8606F 2-4P Carrollton Grd Ph L	201807	\$ (8,771.10)	0.00%	100%	(8,771.10)	8.5	0.0048333	(85.45)	(120.63)
376300-Mains - Plastic	800866	F0604	Repl 3494F 2P Carrollton Grd Ph K	201807	\$ (8,589.94)	-0.69%	100%	(8,589.94)	8.5	0.0048333	(108.30)	(152.90)
376300-Mains - Plastic	800864	F0604	Repl w 3915F 2-4-6P 79th St. R30	201807	\$ (168.78)	-0.43%	100%	(168.78)	8.5	0.0048333	(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	0.0048333	(0.01)	(0.02)
376300-Mains - Plastic	800912	F0599	Repl 1645F 2-4P 135 E & Metter	201807	\$ (1,062)	0.00%	100%	(1,062)	8.5	0.0048333	(0.02)	(0.03)
376300-Mains - Plastic	800921	F0599	Repl 1448F 2-4P Barton & 55th	201807	\$ (2,255.44)	1.80%	98.20%	(2,214.84)	8.5	0.0048333	(27.93)	(39.43)
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201807	\$ 426.23	-2.52%	100%	426.23	8.5	0.0048333	5.37	7.59
376300-Mains - Plastic	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201807	\$ (1.14)	na	100.00%	(1.14)	8.5	0.0048333	(0.01)	(0.02)
376300-Mains - Plastic	800971	F0599	Repl 2143F 2-4P Wornall & 85th	201807	\$ 4,871.10	3.03%	98.87%	4,723.58	8.5	0.0048333	59.56	84.08
376300-Mains - Plastic	800977	F0604	Repl 8205F 2P Liberty & Stone	201807	\$ 108,928.17	0.00%	100%	108,928.17	8.5	0.0048333	1,374.40	1,938.92
376300-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201807	\$ (82,687.91)	0.00%	100%	(82,687.91)	8.5	0.0048333	(1,042.55)	(1,471.84)
376300-Mains - Plastic	801041	F0599	Inst 9410F 12-12 Budd Park HeaderPh2	201807	\$ 7,339.08	0.00%	100%	7,339.08	8.5	0.0048333	92.53	130.64
376300-Mains - Plastic	801042	F0599	Inst 8105F 6-8 Budd Park Header Ph3	201807	\$ (40)	-0.04%	100%	(40)	8.5	0.0048333	(0.52)	(0.73)
376300-Mains - Plastic	801057	F072	Repl w 8235F 2-4P Neosho C-001	201807	\$ (11.87)	2.48%	97.52%	(11.82)	8.5	0.0048333	(0.02)	(0.03)
376300-Mains - Plastic	801062	F0599	Repl 40F 6P ACR 3046 Holmes	201807	\$ (42.62)	0.00%	100%	(42.62)	8.5	0.0048333	(0.54)	(0.76)
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201807	\$ (231.70)	2.28%	97.72%	(226.42)	8.5	0.0048333	(2.85)	(4.03)
376300-Mains - Plastic	801069	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201807	\$ (778.74)	0.00%	100%	(778.74)	8.5	0.0048333	(9.82)	(13.86)
376100-Mains - Steel	801100	F0599	Repl 10846F 6P Saxton Phase 2	201807	\$ 201,219.86	0.00%	100%	201,219.86	8.5	0.0048333	2,567.07	3,507.00
376300-Mains - Plastic	801101	F0599	Repl 7509F 2P Big Blue Bluff Ph 1B	201807	\$ 1,537.67	-0.83%	100%	1,537.67	8.5	0.0048333	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	0.0048333	519.56	733.49
376300-Mains - Plastic	801119	F072	Repl 2794F 2P 34th and Pearl	201807	\$ 252.32	-3.44%	100%	252.32	8.5	0.0048333	3.18	4.49
376300-Mains - Plastic	801125	F072	Repl 3065F 2-4P 184th Blvd	201807	\$ (1348.01)	1.17%	98.83%	(1,317.00)	8.5	0.0048333	(15.68)	(22.37)
376100-Mains - Steel	801142	F072	Repl 4200F 6S Saxton Phase 3	201807	\$ (40,665)	0.00%	100%	(40,665)	8.5	0.0048333	(511.62)	(712.22)
376100-Mains - Steel	801148	F072	Repl 5305F 6S Saxton Ph 1	201807	\$ 11.81	0.00%	100%	11.81	8.5	0.0048333	0.15	0.21
376300-Mains - Plastic	801149	F072	Repl 4180F 2-4P 24th & Meadow	201807	\$ 1.48	-0.98%	100%	1.48	8.5	0.0048333	0.02	0.03
376300-Mains - Plastic	801156	F0599	Repl 57F 4P 29th and Bales	201807	\$ (43.49)	0.40%	99.60%	(43.32)	8.5	0.0048333	(0.55)	(0.77)
376300-Mains - Plastic	801167	F0604	Repl 829F 2P Jefferson & 22nd	201807	\$ 20,142.66	-0.69%	100%	20,142.66	8.5	0.0048333	(252.42)	(349.40)
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201807	\$ (15,894.44)	-0.23%	100%	(15,894.44)	8.5	0.0048333	(200.40)	(282.92)
376100-Mains - Steel	801193	F072	Repl 6790F 2-4P Carriage Area Ph 1A	201807	\$ (8.06)	0.78%	99.22%	(8.00)	8.5	0.0048333	(0.10)	(0.14)
376300-Mains - Plastic	801193	F072	Repl 6790F 2-4P Carriage Area Ph 1A	201807	\$ (189.55)	0.78%	99.22%	(188.06)	8.5	0.0048333	(2.37)	(3.35)
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201807	\$ (19,268.89)	0.00%	100%	(19,268.89)	8.5	0.0048333	(242.92)	(342.95)
376300-Mains - Plastic	801219	F0604	Repl 530F 2-4P 98th & S Main St	201807	\$ 1,518.46	0.00%	100%	1,518.46	8.5	0.0048333	19.46	27.98
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Tr	201807	\$ 158.27	9.12%	90.88%	143.83	8.5	0.0048333	1.81	2.56
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland/Holden	201807	\$ (3.09)	0.00%	100%	(3.09)	8.5	0.0048333	(0.04)	(0.06)
376300-Mains - Plastic	801224	F0604	Repl 1262F 2-4P 11th & Indiana	201807	\$ 7,359.42	1.17%	98.83%	7,273.49	8.5	0.0048333	91.71	129.47
376300-Mains - Plastic	801228	F0599	Repl 1305F 4-6P Kansas & 22nd	201807	\$ 1,022.16	0.00%	100%	1,022.16	8.5	0.0048333	12.85	17.83
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201807	\$ 2,494.91	-4.31%	95.66%	2,387.33	8.5	0.0048333	30.10	42.50
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201807	\$ (0.45)	0.00%	100%	(0.45)	8.5	0.0048333	(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	0.0048333	12.38	17.48
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201807	\$ 5,309.96	-0.69%	100%	5,309.96	8.5	0.0048333	66.84	94.36
376300-Mains - Plastic	801250	F0599	Repl 4892F 2-4P Carriage Area Ph 2A	201807	\$ (4,482.18)	-0.69%	100%	(4,482.18)	8.5	0.0048333	(56.85)	(79.56)
376300-Mains - Plastic	801253	F072	Repl 727F 2P 313 S Oak St.	201807	\$ 7.97	-8.00%	100.00%	7.97	8.5	0.0048333	0.10	0.14
376300-Mains - Plastic	801289	F0599	Repl 300F 4P Independence/Chestnut	201807	\$ 4,012.05	0.00%	100%	4,012.05	8.5	0.0048333	50.59	71.41
376300-Mains - Plastic	801284	F072	Repl 5625F 2-4P Elliot & Hwy K	201807	\$ 379.92	2.36%	97.64%	370.97	8.5	0.0048333	4.68	6.60
376300-Mains - Plastic	801285	F0599	Repl 386F 6P 18th & Hayward	201807	\$ 6,502.98	-1.55%	97.64%	6,397.63	8.5	0.0048333	81.29	113.23
376300-Mains - Plastic	801297	F0599	Repl 380F 2P Chemist and Callum Rd	201807	\$ 443.23	0.00%	100%	443.23	8.5	0.0048333	5.59	7.89
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201807	\$ (15,550.92)	2.18%	97.82%	(15,211.62)	8.5	0.0048333	(191.79)	(270.77)
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201807	\$ 1,588.89	-1.57%	100%	1,588.89	8.5	0.0048333	20.03	28.28
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grd Ph2B	201807	\$ 56,117.45	0.14%	99.86%	56,040.22	8.5	0.0048333	706.57	997.81
376300-Mains - Plastic	801315	F0599	Repl 1191F 2-4P Franklin & Jess	201807	\$ 1,097.11	0.89%	97.81%	1,089.01	8.5	0.0048333	13.67	19.23
376300-Mains - Plastic</												

Spire Missouri West
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 IRSR Work Order Additions Jul18 - Jan19
 Appendix A - Schedule 1

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

Plans 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	Depr Expense
376300-Mains - Plastic	800149	F0599	Repl w 4561F 2-4P Hwy 71&Gregory	201808	\$ 61,925.74	1.32%	98.68%	61,107.11	7.5	0.00148333	679.82	1,087.70
376300-Mains - Plastic	800150	F0599	Repl w 21967 2-4P Hwy 71 & Gregory	201808	\$ (7,411.29)	-0.13%	98.68%	(7,411.29)	7.5	0.00148333	(67.92)	(1.13)
376300-Mains - Plastic	800151	F0599	Repl w 7128F 2-4P Hwy71 & Gregory K	201808	\$ (136.59)	0.60%	99.40%	(136.77)	7.5	0.00148333	(1.51)	(2.42)
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 10	201808	\$ (311.87)	2.99%	97.01%	(302.56)	7.5	0.00148333	(3.37)	(5.39)
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 10 IUI	201808	\$ (27.16)	1.31%	98.69%	(26.80)	7.5	0.00148333	(0.30)	(0.49)
376300-Mains - Plastic	800163	F0599	Repl w 4055 2-4P Hwy 71 & Gregory	201808	\$ (112.23)	-0.12%	99.21%	(112.23)	7.5	0.00148333	(1.24)	(2.22)
376300-Mains - Plastic	800163	F0572	Webb City Phase 10 Bare Steel Repla	201808	\$ (11.78)	1.09%	98.91%	(11.78)	7.5	0.00148333	(0.02)	(0.03)
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nor	201808	\$ 4,008.82	0.07%	99.93%	4,005.97	7.5	0.00148333	44.57	71.31
376300-Mains - Plastic	800256	F0604	Repl w 8006F 2&P Pleasant Hill Ph3	201808	\$ 95.27	-0.39%	100%	95.27	7.5	0.00148333	1.06	1.70
376300-Mains - Plastic	800257	F0604	Repl w 8527F 2&P Pleasant Hill Ph1	201808	\$ (6.03)	4.49%	95.58%	(5.76)	7.5	0.00148333	(0.06)	(0.10)
376300-Mains - Plastic	800259	F0604	Repl w 11818F 2P Pleasant Hill Ph5	201808	\$ (7.27)	1.61%	98.39%	(7.27)	7.5	0.00148333	(0.01)	(0.59)
376300-Mains - Plastic	800262	F0572	Webb City Phase 2A Grid Bare ST Rep	201808	\$ (7.12)	0.67%	99.33%	(7.07)	7.5	0.00148333	(0.08)	(0.13)
376300-Mains - Plastic	800263	F0572	Repl w 1375F 2P Webb City Ph2B	201808	\$ (9.19)	0.00%	100%	(9.19)	7.5	0.00148333	(0.10)	(0.16)
376300-Mains - Plastic	800264	F0572	Repl w 6505F 2P Webb City Ph2C	201808	\$ (3.86)	0.02%	99.99%	(3.86)	7.5	0.00148333	(0.04)	(0.06)
376300-Mains - Plastic	800274	F0604	Repl w 4665F 5-4P Webb City Ph2D	201808	\$ (33.61)	-0.71%	100%	(33.61)	7.5	0.00148333	(0.37)	(0.60)
376300-Mains - Plastic	800276	F0604	Repl w 7005F 2-4P Carrollton PhA	201808	\$ (11.11)	-0.08%	100%	(11.11)	7.5	0.00148333	(0.12)	(0.20)
376300-Mains - Plastic	800276	F0604	Repl w 5332F 2P Carrollton Phase C	201808	\$ (65.19)	-0.58%	100%	(65.19)	7.5	0.00148333	(0.61)	(0.98)
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201808	\$ (50.22)	-0.94%	100%	(50.22)	7.5	0.00148333	(0.56)	(0.89)
376300-Mains - Plastic	800278	F0604	Repl w 8716F 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	Repl w 9003F 2P Carrollton Phase F	201808	\$ 9.34	1.48%	98.52%	9.20	7.5	0.00148333	0.10	0.16
376300-Mains - Plastic	800280	F0572	Repl w 2932F 2-4P Webb City Ph2E	201808	\$ (9,264.74)	-0.48%	100%	(9,264.74)	7.5	0.00148333	(103.07)	(164.91)
376300-Mains - Plastic	800281	F0572	Repl w 3357F 2-4P WebbCity Phase 2F	201808	\$ 18,553.71	-0.80%	100%	18,553.71	7.5	0.00148333	176.37	282.20
376100-Mains - Steel	800282	F0572	Repl w 3857F 2-4P Webb City Ph 2G	201808	\$ (1,700)	0.00%	98.20%	(1,629)	7.5	0.00148333	(0.02)	(0.03)
376300-Mains - Plastic	800283	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201808	\$ (320.10)	8.00%	92.20%	(317.54)	7.5	0.00148333	(3.53)	(5.65)
376300-Mains - Plastic	800283	F0572	Repl 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	Repl w 11888F 2-4P Carrollton Phs G	201808	\$ (65.48)	-0.41%	100%	(65.48)	7.5	0.00148333	(0.62)	(0.99)
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201808	\$ (0.72)	0.80%	99.20%	(0.71)	7.5	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	800286	F0604	Repl 2470F 2P Carrollton Phase H	201808	\$ (2,028)	0.00%	99.20%	(2,028)	7.5	0.00148333	(0.14)	(0.22)
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201808	\$ (43.89)	0.14%	99.86%	(43.83)	7.5	0.00148333	(0.49)	(0.78)
376100-Mains - Steel	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201808	\$ 175.93	0.61%	99.39%	174.85	7.5	0.00148333	1.95	3.11
376300-Mains - Plastic	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201808	\$ 114,767.46	0.61%	99.39%	114,063.16	7.5	0.00148333	1,269.95	2,030.42
376300-Mains - Plastic	800290	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	201808	\$ 49,200.10	3.01%	96.99%	47,727.23	7.5	0.00148333	530.96	849.54
376300-Mains - Plastic	800301	F0572	Repl w 10454F 2-4P Neosho Ph1	201808	\$ 16,706.86	1.50%	98.50%	16,455.38	7.5	0.00148333	183.07	292.91
376300-Mains - Plastic	800338	F0599	Repl w 4888F 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	F0599	Repl 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	F0599	Repl w 4794F 2-4P 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	F0599	Repl w 6292F 2-4P Neosho South - 2F	201808	\$ (93,609.99)	0.92%	99.69%	(93,609.99)	7.5	0.00148333	(1,022)	(1,622.01)
376300-Mains - Plastic	800405	F0572	Repl w 790F 3-8P 16th & Roosevelt	201808	\$ (801.70)	0.00%	100%	(801.70)	7.5	0.00148333	(8.92)	(14.27)
376300-Mains - Plastic	800414	F0604	Repl w 7387 2-4P Pleasant Hill Ph7	201808	\$ (1,296.79)	6.66%	93.34%	(1,210.37)	7.5	0.00148333	(13.47)	(21.54)
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph2	201808	\$ (18.53)	-0.18%	100%	(18.53)	7.5	0.00148333	(0.21)	(0.33)
376300-Mains - Plastic	800432	F0599	Repl w 11324F 2-4P Marlborough Ph2	201808	\$ (99.29)	-0.18%	100%	(98.79)	7.5	0.00148333	(1.08)	(1.72)
376300-Mains - Plastic	800435	F0604	Repl w 12650F 2-4P TC Lea & Knipf	201808	\$ 274.05	4.98%	97.54%	267.30	7.5	0.00148333	3.07	4.78
376300-Mains - Plastic	800440	F0599	KC-39th & State Line Cast Iron PhC	201808	\$ 0.66	0.38%	99.62%	0.66	7.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800444	F0604	Repl w 3600F 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	Repl w 830F 2P Keger N of Rt 24	201808	\$ (1,439.23)	0.00%	100%	(1,439.23)	7.5	0.00148333	(16.00)	(25.60)
376300-Mains - Plastic	800453	F0599	Repl 1004F 2-4-6P Maves-W Rca Ph1	201808	\$ 807,960.46	0.29%	97.01%	807,960.46	7.5	0.00148333	10,148.28	16,151.73
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	145.00	238.00
376300-Mains - Plastic	800463	F0599	Repl w 2144F 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	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	201808	\$ (3,325.41)	0.37%	99.63%	(3,310.08)	7.5	0.00148333	(36.86)	(58.97)
376300-Mains - Plastic	800489	F0604	Repl w 4716F 6P East Downtown Ph1	201808	\$ 401.23	6.27%	93.71%	375.98	7.5	0.00148333	4.18	6.89
376300-Mains - Plastic	800491	F0599	Repl w 3192F 2-4P East of Shelby	201808	\$ (1,019.29)	0.00%	100%	(1,019.29)	7.5	0.00148333	(11.22)	(18.02)
376300-Mains - Plastic	800496	F0599	Repl w 17303F 2-4P 63rd & 55th St	201808	\$ (1,023.03)	0.69%	99.33%	(1,016.20)	7.5	0.00148333	(11.31)	(18.09)
376300-Mains - Plastic	800497	F0599	Repl w 6280F 2P 63rd & 55th St 1B	201808	\$ (2,032.82)	0.00%	100%	(2,032.82)	7.5	0.00148333	(22.62)	(36.18)
376300-Mains - Plastic	800498	F0599	Repl w 5940F 2-4P 63rd & 55th - 1C	201808	\$ (6,537.05)	-0.28%	100%	(6,537.05)	7.5	0.00148333	(69.97)	(151.96)
376300-Mains - Plastic	800498	F0599	Repl w 2412F 2-4P 63rd & 55th Ph1D	201808	\$ (76,634.71)	-0.11%	100%	(76,634.71)	7.5	0.00148333	(852.86)	(1,364.85)
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201808	\$ (20,459.03)	-0.36%	100%	(20,459.03)	7.5	0.00148333	(227.61)	(364.17)
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201808	\$ (14,209.13)	0.27%	99.73%	(14,209.13)	7.5	0.00148333	(158.08)	(252.92)
376300-Mains - Plastic	800502	F0599	Repl w 5856F 2-4-6P 63rd & 55th St	201808	\$ 88,062.30	-0.69%	100%	88,062.30	7.5	0.00148333	979.58	1,567.33
376300-Mains - Plastic	800542	F0604	Repl w 14501F 2-4-12P Blue Ridge	201808	\$ (27,119)	2.15%	97.85%	(26,617)	7.5	0.00148333	(0.30)	(0.47)
376300-Mains - Plastic	800543	F0604	Repl w 2005F 2-4P Neosho C-2002	201808	\$ (68.50)	0.00%	92.39%	(68.50)	7.5	0.00148333	(0.74)	(1.19)
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
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201808	\$ 26.62	0.21%	99.79%	26.58	7.5	0.00148333	0.30	0.47
376300-Mains - Plastic	800597	F0604	Repl w 8866F 2-4P Alma Phase 1	201808	\$ 5.56	5.39%	94.64%	5.26	7.5	0.00148333	0.06	0.09
376300-Mains - Plastic	800600	F0604	Repl w 8240F 2-4P Blackhawk Phase 2	201808	\$ (2,456.98)	2.47%	95.28%	(2,456.98)	7.5	0.00148333	(27.42)	(43.22)
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackhawk Phase 1	201808	\$ (7,123)	9.84%	95.08%	(7,068)	7.5	0.00148333	(80.28)	(131.93)
376300-Mains - Plastic	800601	F0572	Repl w 2845F 2P Marionville PhA	201808	\$ 0.33	-0.14%	100%	0.33	7.5	0.00148333	-	0.01
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201808	\$ (6,151.46)	-1.15%	100%	(6,151.46)	7.5	0.00148333	(68.43)	(109.50)
376300-Mains - Plastic	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	201808	\$ (7.95)	-2.49%	100%	(7.95)	7.5	0.00148333	(0.09)	(0.14)
376300-Mains - Plastic	800619	F0599	Repl w 8695F 2-4P 57th & Bales IJ	201808	\$ (20,629.37)	0.01%	99.99%	(20,629.37)	7.5	0.00148333	(231.66)	

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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
376300-Mains-Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201808	\$ (31,821)	0.00%	100%	(31,821)	7.5	0.0048333	(0.35)	(0.57)
376300-Mains-Plastic	801243	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201808	\$ 30,193	0.00%	100%	30,193	7.5	0.0048333	(0.35)	(0.57)
376300-Mains-Plastic	801250	F0572	Repl 4805F 2-4P Carriage Area Ph 2A	201808	\$ (2,082.69)	-0.69%	100%	(2,082.69)	7.5	0.0048333	(23.17)	(37.07)
376300-Mains-Plastic	801253	F0572	Repl 72F 2P 313 S Oak St	201808	\$ 2.68	-0.80%	100%	2.68	7.5	0.0048333	0.03	0.05
376300-Mains-Plastic	801269	F0599	Repl 300F 4P Independence/Chestnut	201808	\$ (15,126.10)	0.00%	100%	(15,126.10)	7.5	0.0048333	(168.28)	(269.24)
376300-Mains-Plastic	801274	F0572	Repl 1520F 2-4P Ellis & Hwy 71	201808	\$ (1,429.8)	0.00%	99.54%	(1,429.8)	7.5	0.0048333	(17.87)	(27.87)
376300-Mains-Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201808	\$ (898.84)	1.55%	100%	(898.84)	7.5	0.0048333	(10.00)	(16.00)
376300-Mains-Plastic	801297	F0599	Repl 380F 2P Cherry and Gilliam Rd	201808	\$ 32,643.59	0.00%	100%	32,643.59	7.5	0.0048333	363.16	581.05
376300-Mains-Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201808	\$ (19,209.74)	2.18%	97.82%	(18,788.85)	7.5	0.0048333	(209.03)	(334.44)
376300-Mains-Plastic	801300	F0604	Repl 3615F 2P Northern & Rawlston	201808	\$ (26,111.44)	-1.57%	100%	(26,111.44)	7.5	0.0048333	(299.49)	(464.79)
376300-Mains-Plastic	801302	F0599	Repl 6000F 2-4P Budd Park Grid Ph2B	201808	\$ 89,523.63	0.14%	99.86%	89,416.21	7.5	0.0048333	994.75	1,591.69
376300-Mains-Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201808	\$ (12.12)	0.98%	99.92%	(12.12)	7.5	0.0048333	(0.02)	(0.04)
376300-Mains-Plastic	801323	F0604	Repl 2814F 2-4-8P Walnut/Noland/Crane	201808	\$ 6,137.14	0.17%	98.83%	6,126.68	7.5	0.0048333	68.16	109.05
376300-Mains-Plastic	801356	F0604	Repl 5950 2-4P Emma Grid Miller 1A	201808	\$ (10.11)	0.65%	99.35%	(10.04)	7.5	0.0048333	(0.11)	(0.19)
376300-Mains-Steel	801360	F0599	Aband 801F ES 1823 NE 60th Ter	201808	\$ (6,448.22)	6.24%	81.72%	(5,108.49)	7.5	0.0048333	(66.83)	(80.33)
376300-Mains-Plastic	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201808	\$ (3.95)	-0.23%	100.00%	(3.95)	7.5	0.0048333	(0.04)	(0.07)
376300-Mains-Plastic	801376	F0604	Repl 6760F 2-4P Waverly MO Phase 1	201808	\$ (551.50)	0.60%	99.40%	(548.19)	7.5	0.0048333	(6.10)	(9.76)
376300-Mains-Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201808	\$ (1,803.04)	1.21%	98.79%	(1,781.30)	7.5	0.0048333	(19.82)	(31.71)
376300-Mains-Plastic	801378	F0604	Repl 8810F 2-4P Waverly MO Phase 3	201808	\$ (1,829.62)	-0.51%	100%	(1,829.62)	7.5	0.0048333	(20.25)	(32.57)
376300-Mains-Plastic	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201808	\$ (20,306.65)	-1.59%	100%	(20,306.65)	7.5	0.0048333	(226.40)	(362.24)
376300-Mains-Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201808	\$ (599.11)	0.00%	100%	(599.11)	7.5	0.0048333	(6.67)	(10.66)
376300-Mains-Plastic	801450	F0604	Repl 1120F 2P Market-Waters to 2nd	201808	\$ (2.72)	-1.16%	100%	(2.72)	7.5	0.0048333	(0.03)	(0.05)
376300-Mains-Plastic	801472	F0604	Repl 14655F 2-4P VioS 23rd to 27th	201808	\$ 5,067.02	-0.45%	100%	5,067.02	7.5	0.0048333	56.37	90.19
376300-Mains-Plastic	801475	F0604	Repl 8200F 2-4P Waverly MO Phase 4	201808	\$ (21,475.00)	-0.71%	100%	(21,475.00)	7.5	0.0048333	(244.24)	(388.79)
376300-Mains-Plastic	801520	F0604	Repl 9740F 2P Windsor Phases A&B	201808	\$ 22,832.69	-1.78%	99.83%	22,801.01	7.5	0.0048333	249.01	388.41
376300-Mains-Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201808	\$ (2,005.30)	0.10%	99.90%	(1,994.59)	7.5	0.0048333	(22.33)	(35.72)
376300-Mains-Plastic	801528	F0572	Repl 2180F 2-4P Empire 5th to 8th	201808	\$ 11,727.13	-1.23%	100%	11,727.13	7.5	0.0048333	130.46	208.74
376300-Mains-Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	\$ 5.28	-1.15%	100%	5.28	7.5	0.0048333	0.06	0.09
376300-Mains-Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	\$ 29,554.13	-1.15%	100%	29,554.13	7.5	0.0048333	328.79	526.09
376300-Mains-Plastic	801602	F0599	Repl 30F 8P Topoging & Smart AOR	201808	\$ (146.84)	0.00%	100%	(146.84)	7.5	0.0048333	(1.63)	(2.61)
376300-Mains-Plastic	801625	F0599	Repl 663F 2P 59th & Kyrle	201808	\$ (213.91)	5.34%	94.66%	(202.49)	7.5	0.0048333	(2.25)	(3.60)
376300-Mains-Plastic	801626	F0599	Repl 1592F 2P 40th & Kensington	201808	\$ (733.68)	0.77%	99.23%	(728.00)	7.5	0.0048333	(8.10)	(12.96)
376300-Mains-Plastic	801627	F0572	Repl 1295F 2-3-4P Leaks on Fairview	201808	\$ (1,059.19)	-0.08%	100%	(1,059.19)	7.5	0.0048333	(11.79)	(18.80)
376300-Mains-Plastic	801628	F0599	Repl 400F 4P 8th & Cleveland AOR	201808	\$ (181.17)	0.00%	100%	(181.17)	7.5	0.0048333	(2.02)	(3.30)
376300-Mains-Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201808	\$ (5.91)	2.30%	97.70%	(5.77)	7.5	0.0048333	(0.06)	(0.10)
376300-Mains-Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201808	\$ (1,053.63)	2.30%	97.70%	(1,029.41)	7.5	0.0048333	(11.45)	(18.32)
376300-Mains-Plastic	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201808	\$ (1,392.63)	0.23%	99.77%	(1,389.47)	7.5	0.0048333	(15.46)	(24.73)
376300-Mains-Plastic	801649	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201808	\$ (2,618.44)	-0.05%	99.50%	(2,612.66)	7.5	0.0048333	(29.78)	(46.97)
376300-Mains-Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201808	\$ (719.40)	0.00%	100%	(719.40)	7.5	0.0048333	(8.00)	(12.81)
376300-Mains-Plastic	801651	F0604	Repl 4315F 2P Norborne Phase 5	201808	\$ (759.25)	3.52%	96.48%	(732.55)	7.5	0.0048333	(8.15)	(13.04)
376300-Mains-Plastic	801652	F0604	Repl 5820F 2P Norborne Phase 6	201808	\$ 16,433.01	4.59%	94.41%	15,679.55	7.5	0.0048333	174.43	279.10
376300-Mains-Plastic	801653	F0599	Repl 5381F 2P Norborne Collage	201808	\$ (4,097.48)	0.00%	100%	(4,097.48)	7.5	0.0048333	(47.33)	87.11
376300-Mains-Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201808	\$ (2,747.80)	0.00%	100%	(2,747.80)	7.5	0.0048333	(30.51)	(48.01)
376300-Mains-Plastic	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201808	\$ 176,409.68	0.00%	100%	176,409.68	7.5	0.0048333	1,952.55	3,140.09
376300-Mains-Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201808	\$ (648.31)	0.00%	100%	(648.31)	7.5	0.0048333	(7.21)	(11.54)
376300-Mains-Plastic	801710	F0599	Repl 1390F 4P 56th - Summit/Womall	201808	\$ 7,002.25	0.00%	100%	7,002.25	7.5	0.0048333	77.90	124.64
376300-Mains-Plastic	801712	F0599	Repl 1405F 2-4P Willis 51 Ter/51 St	201808	\$ (2,400.00)	0.00%	100%	(2,400.00)	7.5	0.0048333	(27.40)	(43.63)
376300-Mains-Plastic	801731	F0599	Repl 30F 8P Topoging & Smart AOR	201808	\$ (1,590.67)	-0.58%	100%	(1,590.67)	7.5	0.0048333	(17.70)	(28.31)
376300-Mains-Plastic	801770	F0599	Repl 5170F 8P Brooklyn 9th to 19th	201808	\$ 24,365.20	0.00%	100%	24,365.20	7.5	0.0048333	271.06	433.70
376300-Mains-Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201808	\$ (726.19)	-0.11%	100%	(726.19)	7.5	0.0048333	(8.08)	(12.93)
376300-Mains-Plastic	801815	F0604	Repl 2600F 2-4P Cherry & Noland Rd	201808	\$ 13,535.10	2.05%	97.95%	13,258.23	7.5	0.0048333	147.50	226.00
376300-Mains-Plastic	801827	F0604	Repl 840F 2-4P Highway and Minn	201808	\$ (752.29)	-0.12%	100%	(752.29)	7.5	0.0048333	(8.37)	(13.39)
376300-Mains-Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201808	\$ 10,584.79	-0.20%	100%	10,584.79	7.5	0.0048333	117.76	188.41
376300-Mains-Plastic	801834	F0604	Repl 881F 4P 29th & Cleveland AOR	201808	\$ (1,100.92)	0.00%	100%	(1,100.92)	7.5	0.0048333	(12.25)	(19.60)
376300-Mains-Plastic	801835	F0599	Repl 9745F 2-4P Budd Park Header	201808	\$ 303,870.86	0.00%	100%	303,870.86	7.5	0.0048333	3,399.56	5,408.89
376300-Mains-Plastic	801848	F0604	Repl 700F 2P Grid & Baltimore	201808	\$ (3,338.44)	0.00%	97.27%	(3,245.67)	7.5	0.0048333	(35.98)	(58.88)
376300-Mains-Plastic	801862	F0604	Repl 6500F 2-4-12P E 57th to E 50th	201808	\$ 1,285,594.22	0.29%	99.71%	1,282,848.00	7.5	0.0048333	14,771.65	22,834.64
376300-Mains-Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201808	\$ 36,144.58	0.00%	100%	36,144.58	7.5	0.0048333	402.11	643.37
376300-Mains-Plastic	801873	F0572	Repl 2178F 2-4P CP at Canterbury	201808	\$ 3,568.46	-1.56%	100%	3,568.46	7.5	0.0048333	39.68	63.48
376300-Mains-Plastic	801874	F0572	Repl 885F 4P 11 N Turk - Joplin	201808	\$ (12.93)	0.00%	100%	(12.93)	7.5	0.0048333	(0.14)	(0.23)
376300-Mains-Plastic	801875	F0599	Repl 211F 2-4P Harris Ave & Truman	201808	\$ (8,050.66)	0.00%	100%	(8,050.66)	7.5	0.0048333	(91.82)	(145.01)
376300-Mains-Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201808	\$ 16,657.84	0.00%	100%	16,657.84	7.5	0.0048333	207.57	332.11
376300-Mains-Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201808	\$ (1,552.66)	0.00%	100%	(1,552.66)	7.5	0.0048333	(17.27)	(27.64)
376300-Mains-Plastic	801909	F0599	Repl 4180F 2-4P Pitman and 38th St	201808	\$ 14,024.37	0.00%	100%	14,024.37	7.5	0.0048333	156.02	249.63
376300-Mains-Plastic	802001	F0604	Repl 121F 2-4P Maryland Ave	201808	\$ 29,182.15	0.00%	100%	29,182.15	7.5	0.0048333	329.23	518.86
376300-Mains-Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201808	\$ 83,146.87	0.125%	99.72%	83,073.25	7.5	0.0048333	929.75	1,487.59
376300-Mains-Plastic	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201808	\$ 42,508.32	0.38%	99.62%	42,347.25	7.5	0.0048333	471.11	753.78
376300-Mains-Plastic	802024	F0604	Repl 5F 4P 33rd & Grand Phase 1B	201808	\$ (1,450.33)	-5.56%	100%	(1,450.33)	7.5	0.0048333	(16.13)	(25.82)

Spire Missouri West
 IRSR - Case # GO-2011-0116
 IRSR Work Order Additions Jul18 - Jan19
 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	Depr Mo Rate	Accum Depr	Depr Expense
376300-Mains - Plastic	800480	F0604	Repl 9439F 2-4P Pleasant Hill Ph 8	2018/09	\$ (24,016.52)	0.37%	99.63%	(23,927.44)	6.5	0.00148333	(239.70)	(425.91)
376300-Mains - Plastic	800489	F0604	Repl 2400F 4P East Downtown Ph1	2018/09	\$ 30,967.88	0.37%	97.71%	30,866.77	6.5	0.00148333	297.54	549.11
376300-Mains - Plastic	800491	F0604	Repl w 3182F 2-4P Harris S of Shely	2018/09	\$ (2.08)	-0.17%	100%	(2.08)	6.5	0.00148333	(0.02)	(0.04)
376300-Mains - Plastic	800496	F0599	Repl w 78.126 2-4P 63rd & 55th St	2018/09	\$ 78,126.18	0.67%	99.33%	78,182.23	6.5	0.00148333	729.08	1,346.00
376300-Mains - Plastic	800497	F0599	Repl w 6280F 2P 63rd & 55th St 1B	2018/09	\$ 173,288.01	0.00%	100%	173,288.01	6.5	0.00148333	1,679.78	3,084.52
376300-Mains - Plastic	800498	F0599	Repl w 7020F 2-4P 63rd & 55th Ph F	2018/09	\$ 104,952.93	-0.29%	100%	104,952.93	6.5	0.00148333	1,007.22	1,859.48
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	2018/09	\$ 9,729.26	-0.11%	100%	9,729.26	6.5	0.00148333	93.81	173.18
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	2018/09	\$ 8,317.51	-0.36%	100%	8,317.51	6.5	0.00148333	80.19	148.05
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	2018/09	\$ 37,540.09	0.27%	99.73%	37,440.37	6.5	0.00148333	360.99	666.44
376300-Mains - Plastic	800502	F0599	Repl w 5960F 2-4P 63rd & 55th St	2018/09	\$ (129,707.71)	-0.69%	100%	(129,707.71)	6.5	0.00148333	(1,250.80)	(2,308.79)
376300-Mains - Plastic	800512	F0604	Repl w 14500F 2-4P 12P Blue Ridge	2018/09	\$ 2,155	0.15%	97.85%	(38.49)	6.5	0.00148333	(0.69)	(1.06)
376300-Mains - Plastic	800518	F0599	Repl w 2920F 2-4P Neosho C-0002	2018/09	\$ (101.95)	2.61%	97.38%	(99.29)	6.5	0.00148333	(0.95)	(1.77)
376300-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	2018/09	\$ 2.57	0.21%	99.79%	2.58	6.5	0.00148333	0.02	0.05
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	2018/09	\$ 38.90	0.21%	99.79%	38.82	6.5	0.00148333	0.37	0.69
376300-Mains - Plastic	800597	F0604	Repl w 8800F 2-4P Aims Phase 1	2018/09	\$ 8.14	3.90%	94.44%	7.68	6.5	0.00148333	0.37	0.14
376300-Mains - Plastic	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	2018/09	\$ (8.71)	-0.47%	97.53%	(9.47)	6.5	0.00148333	(0.09)	(0.17)
376300-Mains - Plastic	800600	F0604	Repl w 7055F 2-4P Blackburn Phase 1	2018/09	\$ (10.33)	-0.64%	99.06%	(10.23)	6.5	0.00148333	(0.10)	(0.18)
376300-Mains - Plastic	800601	F0572	Repl w 2845F 2P Marionville Pha	2018/09	\$ 0.54	-0.14%	100%	0.54	6.5	0.00148333	0.01	0.01
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	2018/09	\$ 333.54	-4.15%	100%	333.54	6.5	0.00148333	3.22	5.94
376300-Mains - Plastic	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	2018/09	\$ (11.64)	-2.49%	100%	(11.64)	6.5	0.00148333	(0.11)	(0.21)
376300-Mains - Plastic	800626	F0599	Repl 8693F 2-4-6P 57th & Bales (U)	2018/09	\$ 24,592.40	-0.01%	100%	24,592.40	6.5	0.00148333	237.11	437.74
376300-Mains - Plastic	800627	F0599	Repl 40F 4P ACR 2026 48th Tr	2018/09	\$ 2,548.06	0.00%	100%	2,548.06	6.5	0.00148333	24.57	45.36
376300-Mains - Plastic	800639	F0604	Repl w 168F 2-4P Neosho C-001 Ph 2	2018/09	\$ 62,736.18	0.76%	99.24%	62,256.30	6.5	0.00148333	600.25	1,108.16
376300-Mains - Plastic	800654	F0599	Repl 5115F 2-4-6P Hwy71&Gregory Ph L	2018/09	\$ (102,351.37)	-0.90%	100%	(102,351.37)	6.5	0.00148333	(1,054)	(2,048)
376300-Mains - Plastic	800658	F0599	Repl 1920F 2P Liberty Grid Phase 1	2018/09	\$ (10,133.64)	-8.00%	94.00%	(9,501.21)	6.5	0.00148333	(96.27)	(170.80)
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	2018/09	\$ (27,117.65)	-0.15%	99.85%	(27,076.45)	6.5	0.00148333	(261.06)	(481.96)
376300-Mains - Plastic	800660	F0599	Repl 3680F 2-4P Liberty Grid PhaseN	2018/09	\$ 68,846.46	0.04%	99.96%	68,821.78	6.5	0.00148333	663.56	1,225.03
376300-Mains - Plastic	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	2018/09	\$ 309,232.96	7.57%	99.43%	285,839.70	6.5	0.00148333	2,756.96	5,087.92
376300-Mains - Plastic	800672	F0572	Repl 7315F 2-4P Neosho Phase 1H	2018/09	\$ 616,865.38	0.53%	97.92%	603,668.64	6.5	0.00148333	5,819.78	10,744.17
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	2018/09	\$ (3,561.92)	-0.51%	99.49%	(3,543.61)	6.5	0.00148333	(34.17)	(63.08)
376300-Mains - Plastic	800672	F0572	Repl 5280F 2P Neosho Phase 1 L	2018/09	\$ (1,549.27)	-0.34%	100%	(1,549.27)	6.5	0.00148333	(14.94)	(27.58)
376300-Mains - Plastic	800686	F0599	Repl w 50F 4P - 805 Bales CA/OR	2018/09	\$ (1,862.31)	0.00%	100%	(1,862.31)	6.5	0.00148333	(17.86)	(32.97)
376300-Mains - Plastic	800689	F0599	Repl 5115F 2-4-6P Hwy71&Gregory Ph L	2018/09	\$ (66.85)	-0.53%	99.65%	(66.85)	6.5	0.00148333	(0.64)	(1.24)
376300-Mains - Plastic	800702	F0599	Repl w 4442F 2-4-6P Wornall/85th	2018/09	\$ (137.23)	-0.43%	100.00%	(137.23)	6.5	0.00148333	(1.32)	(2.44)
376300-Mains - Steel	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	2018/09	\$ (4.20)	-0.10%	100%	(4.20)	6.5	0.00148333	(0.04)	(0.07)
376300-Mains - Plastic	800720	F0599	Repl w 4138F 2-4P Hwy 71 Gregory-M	2018/09	\$ (487.18)	-0.10%	100%	(487.18)	6.5	0.00148333	(4.70)	(8.67)
376300-Mains - Plastic	800721	F0599	Repl 5540F 2-4P Hwy71 Gregory Ph N	2018/09	\$ 2.00	-0.12%	100%	2.00	6.5	0.00148333	0.02	0.04
376300-Mains - Plastic	800722	F0599	Repl 3015F 2-4P Hwy71 Gregory Ph N	2018/09	\$ 4.24	-0.18%	100%	4.24	6.5	0.00148333	0.04	0.08
376300-Mains - Plastic	800727	F0604	Repl w 2380F 2-4P 31st & Mason St	2018/09	\$ (4.65)	-0.15%	99.85%	(4.64)	6.5	0.00148333	(0.04)	(0.08)
376300-Mains - Plastic	800756	F0599	Repl w 1353F 2P Grandview & 115th	2018/09	\$ 4,997.41	0.65%	99.35%	4,965.06	6.5	0.00148333	47.87	88.38
376300-Mains - Plastic	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	2018/09	\$ (106.60)	1.85%	98.15%	(104.82)	6.5	0.00148333	(1.01)	(1.88)
376300-Mains - Plastic	800759	F0604	Repl 711F 2-4P Concordia Phase B	2018/09	\$ (399.32)	0.94%	99.67%	(397.62)	6.5	0.00148333	(3.75)	(7.29)
376300-Mains - Plastic	800760	F0604	Repl 11565F 2-4P Concordia Phase C	2018/09	\$ (87.24)	2.01%	97.99%	(87.48)	6.5	0.00148333	(0.80)	(1.60)
376300-Mains - Plastic	800761	F0604	Repl 9898F 2-4P Concordia Phase D	2018/09	\$ (1,220.76)	6.20%	93.80%	(1,145.04)	6.5	0.00148333	(11.40)	(20.38)
376300-Mains - Plastic	800762	F0604	Repl 7093F 2-4P Concordia Phase E	2018/09	\$ 1,918.30	-0.23%	100%	1,918.30	6.5	0.00148333	18.50	34.15
376300-Mains - Steel	800763	F0604	Repl 1167F 2-4 P4S - Concordia Ph F	2018/09	\$ 38,880.62	1.01%	98.99%	38,489.92	6.5	0.00148333	371.10	685.11
376300-Mains - Plastic	800764	F0604	Repl 1167F 2-4 P4S - Concordia Ph F	2018/09	\$ (92,181.23)	-0.43%	100%	(92,181.23)	6.5	0.00148333	(824.55)	(1,679.24)
376300-Mains - Plastic	800794	F0599	Inst 5455F 12P Header Dunn Park#71	2018/09	\$ (1,259.08)	0.00%	100%	(1,259.08)	6.5	0.00148333	(12.14)	(22.41)
376300-Mains - Plastic	800795	F0599	Repl w 6405F 2-4P Dunn Park W of 71	2018/09	\$ (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	2018/09	\$ (4,616.84)	0.00%	100%	(4,616.84)	6.5	0.00148333	(44.51)	(82.18)
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	2018/09	\$ (1,682.58)	1.47%	98.53%	(1,657.89)	6.5	0.00148333	(15.98)	(29.51)
376300-Mains - Plastic	800798	F0599	Repl 750F 2-4P Dunn Park Phase 1H	2018/09	\$ (2,029.60)	0.00%	100%	(2,029.60)	6.5	0.00148333	(19.42)	(36.84)
376300-Mains - Plastic	800799	F0599	Repl 8330F 2-4P Dunn Park Phase 1I	2018/09	\$ (1,060.33)	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	2018/09	\$ (46,025.51)	0.57%	99.43%	(45,763.69)	6.5	0.00148333	(441.24)	(814.59)
376300-Mains - Plastic	800801	F0599	Repl 6360F 2-4P Dunn Park Ph W of 71 1E	2018/09	\$ 3,949.50	-0.59%	100%	3,949.50	6.5	0.00148333	38.08	70.30
376300-Mains - Plastic	800802	F0599	Repl 3425F 2-4P E Mays Park Ph1 Header	2018/09	\$ (2,028.20)	0.00%	100%	(2,028.20)	6.5	0.00148333	(19.42)	(36.83)
376300-Mains - Plastic	800827	F0604	Repl w 2565F 2P Lee St & Main	2018/09	\$ (9.90)	-0.57%	100%	(9.90)	6.5	0.00148333	(0.10)	(0.18)
376300-Mains - Plastic	800853	F0604	Repl 285F 2P Byers Joplin	2018/09	\$ (7,707.58)	0.00%	100%	(7,707.58)	6.5	0.00148333	(70.13)	(137.19)
376300-Mains - Plastic	800855	F0604	Repl 8660F 2-4P Carrollton Grd Ph L	2018/09	\$ (3.62)	0.00%	100%	(3.62)	6.5	0.00148333	(0.03)	(0.06)
376300-Mains - Plastic	800856	F0604	Repl 3440F 2P Carrollton Grd Ph R	2018/09	\$ (10.33)	-0.69%	100%	(10.33)	6.5	0.00148333	(0.10)	(0.19)
376300-Mains - Plastic	800867	F0599	Repl w 2038F 2-4P 72th St, RT 360	2018/09	\$ (7,448.02)	-0.43%	100%	(7,448.02)	6.5	0.00148333	(72.12)	(133.25)
376300-Mains - Plastic	800867	F0599	Repl w 3574F 2-4P Marlborough Ph 4	2018/09	\$ 421.08	-3.55%	100.00%	421.08	6.5	0.00148333	4.06	7.50
376300-Mains - Plastic	800889	F0599	Repl w 175F 2P 2722 Raytown RdAOR	2018/09	\$ 528.94	0.00%	100%	528.94	6.5	0.00148333	5.10	9.42
376300-Mains - Plastic	800912	F0572	Repl w 1675F 2-4P 135 & Moffet	2018/09	\$ (2.98)	-0.04%	100%	(2.98)	6.5	0.00148333	(0.03)	(0.05)
376300-Mains - Plastic	800920	F0604	Repl 1445F 2-4P Bales & 55th	2018/09	\$ 1,445.33	1.69%	99.20%	1,445.33	6.5	0.00148333	13.93	26.15
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Clarendon & 25th	2018/09	\$ 70,163.33	2.52%	99.00%	70,163.33	6.5	0.00148333	676.50	1,248.92
376300-Mains - Plastic	800960	F0599	Repl 1219F 2-4P Wornall & 85th Ph2	2018/09	\$ (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	2018/09	\$ 1							

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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
376300-Mains - Plastic	801681	F0604	Repl 4315F 2P Norbome Phase 5	201809	\$ (1,075.60)	3.52%	98.48%	(1,037.78)	6.5	0.00148333	(10.01)	(18.47)
376300-Mains - Plastic	801682	F0604	Repl 2116F 2P Norbome Phase 8	201809	\$ (2,624.35)	3.52%	98.48%	(2,586.53)	6.5	0.00148333	(10.01)	(18.47)
376300-Mains - Plastic	801673	F0599	Repl 530F 2P William Jewell College	201809	\$ 17,303.21	0.00%	100%	17,303.21	6.5	0.00148333	166.83	308.00
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201809	\$ 296.48	-2.18%	100%	296.48	6.5	0.00148333	2.86	5.28
376300-Mains - Plastic	801708	F0599	Repl 3920F 2P 64th Bellview/Summit	201809	\$ 8,759.30	0.00%	100%	8,759.30	6.5	0.00148333	84.45	155.92
376300-Mains - Plastic	801710	F0599	Repl 1430F 2P 64th Bellview/Kansas	201809	\$ 14,029.33	0.00%	100%	14,029.33	6.5	0.00148333	138.87	258.00
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Wornall	201809	\$ (492.33)	0.00%	100%	(492.33)	6.5	0.00148333	(4.75)	(8.78)
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 TerV51	201809	\$ (774.88)	1.04%	98.96%	(766.85)	6.5	0.00148333	(7.39)	(13.65)
376300-Mains - Plastic	801731	F0599	Repl 580F 2P Blue Pkwy & Elwyn Rd	201809	\$ (15,335.05)	-0.58%	100%	(15,335.05)	6.5	0.00148333	(147.86)	(272.90)
376300-Mains - Plastic	801770	F0599	Repl 5170F 8P Brooklyn 9th to 19th	201809	\$ 29,960.94	0.00%	100%	29,960.94	6.5	0.00148333	285.01	526.18
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 56th & Crosscut Rd	201809	\$ (171.35)	-0.11%	100%	(171.35)	6.5	0.00148333	(1.68)	(3.20)
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201809	\$ (463.00)	2.95%	97.95%	(453.53)	6.5	0.00148333	(4.37)	(8.07)
376300-Mains - Plastic	801827	F0599	Repl 648F 2-4P Hiogrove and 10th	201809	\$ 9,290.10	-0.51%	100%	9,290.10	6.5	0.00148333	89.57	165.36
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201809	\$ (1,209.13)	-0.20%	100%	(1,209.13)	6.5	0.00148333	(11.66)	(21.52)
376300-Mains - Plastic	801834	F0599	Repl 881F 4P 20th & Cleveland AOR	201809	\$ 199.59	0.00%	100%	199.59	6.5	0.00148333	1.92	3.58
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201809	\$ 5,644.90	0.00%	100%	5,644.90	6.5	0.00148333	54.43	100.48
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201809	\$ (560.13)	2.73%	97.27%	(544.82)	6.5	0.00148333	(5.25)	(9.70)
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201809	\$ 20,447.66	0.29%	99.71%	20,388.12	6.5	0.00148333	196.58	362.91
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201809	\$ 17,863.19	0.00%	100%	17,863.19	6.5	0.00148333	172.23	317.86
376300-Mains - Plastic	801873	F072	Repl 2115F 2-4P CP at Canterbury	201809	\$ 124.24	-1.56%	100%	124.24	6.5	0.00148333	1.20	2.21
376300-Mains - Plastic	801874	F072	Repl 885F 4P 111 N Turk - Joplin	201809	\$ (19.89)	0.00%	100%	(19.89)	6.5	0.00148333	(0.19)	(0.35)
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201809	\$ 4,834.03	-0.60%	100%	4,834.03	6.5	0.00148333	46.61	86.05
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201809	\$ (2,609.50)	0.00%	100%	(2,609.50)	6.5	0.00148333	(25.16)	(46.45)
376100-Mains - Steel	801885	F0599	Repl 1003F 12S Coblen Under Creek	201809	\$ (1,278.33)	0.00%	100%	(1,278.33)	6.5	0.00148333	(14.33)	(26.49)
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pitman and 38th St	201809	\$ (4,043.58)	0.00%	100%	(4,043.58)	6.5	0.00148333	(38.39)	(71.98)
376300-Mains - Plastic	802002	F0604	Repl 1215F 2P Maywood Ave	201809	\$ (952.55)	0.00%	100%	(952.55)	6.5	0.00148333	(9.18)	(16.96)
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201809	\$ (19,399.83)	10.28%	98.72%	13,819.97	6.5	0.00148333	133.22	245.94
376300-Mains - Plastic	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201809	\$ (9,949.01)	0.39%	99.62%	(9,742.52)	6.5	0.00148333	(87.73)	(164.58)
376300-Mains - Plastic	802024	F0604	Repl 4F 4P 33rd & Grand Phase 1B	201809	\$ (10,340.43)	0.00%	100%	(10,340.43)	6.5	0.00148333	(99.26)	(184.00)
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201809	\$ (9,609.50)	0.00%	100%	9,609.50	6.5	0.00148333	-0.87	-1.61
376300-Mains - Plastic	802154	F0599	Repl 205F 4P 33rd & Chestnut AOR	201809	\$ (1,716.52)	0.00%	100%	(1,716.52)	6.5	0.00148333	(16.55)	(30.59)
376300-Mains - Plastic	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201809	\$ 10,163.36	0.00%	100%	10,163.36	6.5	0.00148333	97.99	180.91
376100-Mains - Steel	802442	F0599	Repl W 1324F 2-4P Marlborough Ph 2	201809	\$ (95,409.39)	-0.18%	100%	(95,409.39)	5.5	0.00148333	(772.31)	(1,688.14)
376100-Mains - Steel	802282	F072	Repl W 3885F 2-4P Webb City Ph 2G	201810	\$ (1,850.37)	0.80%	99.20%	(1,850.37)	6.5	0.00148333	(14.88)	(27.87)
376100-Mains - Steel	801179	F0604	Repl 1151F 2-4 P&S -Concordia Ph F	201810	\$ (9.88)	1.01%	98.99%	(9.78)	5.5	0.00148333	(0.08)	(0.15)
376100-Mains - Steel	801179	F0604	Repl 8770F 2-4-6-12P 58th & Woodson	201810	\$ (0.48)	-0.23%	100%	(0.48)	5.5	0.00148333	-0.01	(0.01)
376100-Mains - Steel	800584	F0599	Repl W 10385F 2-4-6-8P Target Phase3	201810	\$ 0.59	0.21%	99.79%	0.59	5.5	0.00148333	0.01	0.01
376100-Mains - Steel	801545	F0599	Repl 3205F 2-4P Windsor Ph 1 Miller	201810	\$ 1.56	-1.51%	100%	1.56	5.5	0.00148333	0.01	0.02
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 5390F 4-8P Norbome MO Phase 1	201810	\$ (3.18)	2.30%	97.70%	(3.11)	5.5	0.00148333	(0.03)	(0.06)
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-6P Walnut/Kennett	201810	\$ (17,801.90)	0.17%	99.62%	(17,777.03)	6.5	0.00148333	(168.31)	(319.07)
376300-Mains - Plastic	801995	F0599	Repl W 640E 2-4P Dunn Park Wd Ph 7	201810	\$ (1,412.76)	4.14%	98.59%	(1,412.48)	6.5	0.00148333	(15.80)	(30.02)
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201810	\$ (2,601.28)	0.00%	100%	(2,601.28)	6.5	0.00148333	(21.22)	(46.30)
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6-8P Big Blue Bf Ph 1A	201810	\$ 193.80	0.00%	100%	193.80	6.5	0.00148333	1.58	3.45
376300-Mains - Plastic	801101	F0599	Repl 752F 2P Big Blue Battle Ph 1B	201810	\$ 633.07	-0.83%	100%	633.07	6.5	0.00148333	5.16	11.27
376300-Mains - Plastic	801206	F0599	Repl W 702E 2-4-12P 63rd & 55th Ph 1D	201810	\$ 740.69	0.00%	100%	740.69	6.5	0.00148333	6.04	13.17
376300-Mains - Plastic	801501	F0599	Repl W 490F 2P 63rd & 55th	201810	\$ 862.76	0.27%	99.73%	860.47	6.5	0.00148333	7.02	15.32
376300-Mains - Plastic	801555	F0599	N Budd Park CI Grid Repl Phase 1D	201810	\$ 1,160.34	2.99%	97.01%	1,125.70	5.5	0.00148333	9.18	20.04
376300-Mains - Plastic	800502	F0599	Repl W 5855F 2-4-6P 63rd & 55th St	201810	\$ 10,416.12	-0.69%	100%	10,416.12	5.5	0.00148333	84.98	165.41
376300-Mains - Plastic	800971	F0599	Repl 2143F 2P Wornall & 85th	201810	\$ 12,555.65	3.03%	96.97%	12,175.39	6.5	0.00148333	99.83	216.72
376300-Mains - Plastic	800704	F0599	Repl 340F 2P Header Dunn Park7	201810	\$ 545.00	0.00%	100%	545.00	6.5	0.00148333	4.89	9.23
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6-8P Budd Park Header	201810	\$ 25,729.25	0.00%	100%	25,729.25	6.5	0.00148333	218.07	475.78
376300-Mains - Plastic	800500	F0599	Repl W 6805F 2-4P 63rd & 55th St 1E	201810	\$ 55,094.26	-0.36%	100%	55,094.26	5.5	0.00148333	449.48	980.68
376300-Mains - Plastic	800890	F0599	Repl W 10745F 2-4P Dunn Park Hw 71	201810	\$ 65,084.42	0.57%	99.43%	65,725.57	5.5	0.00148333	454.68	992.04
376300-Mains - Plastic	801304	F0599	Repl 8935F 2-4-6P 57th & Ixalee LU	201810	\$ 7,689.64	-0.11%	100%	7,689.64	6.5	0.00148333	60.12	131.55
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201810	\$ 76,391.95	-0.25%	100%	76,391.95	6.5	0.00148333	626.82	1,367.61
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grd Ph2B	201810	\$ 76,920.11	0.14%	98.86%	76,815.95	6.5	0.00148333	626.67	1,367.29
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201810	\$ 341,292.99	0.28%	99.72%	340,292.72	6.5	0.00148333	2,776.13	6,057.02
376300-Mains - Plastic	801103	F0599	Repl 7320F 2-4P BigBlueBattle Ph 1D	201810	\$ 426,952.56	-0.32%	100%	426,952.56	6.5	0.00148333	3,475.82	7,883.72
376300-Mains - Plastic	801105	F0599	Repl 7690F 2-4P Budd Park Phase 2E	201810	\$ 680,792.52	0.00%	100%	680,792.52	6.5	0.00148333	5,554.15	12,183.92
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201810	\$ 814,720.69	0.00%	100%	814,720.69	6.5	0.00148333	6,646.75	14,502.00
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue Bf Ph1F	201810	\$ 1,276,704.96	-0.63%	100%	1,276,704.96	5.5	0.00148333	10,415.76	22,225.30
376300-Mains - Plastic	800627	F0599	Repl 40F 4P AOR 2025 48th Ter	201810	\$ 891.87	0.00%	100%	891.87	5.5	0.00148333	7.28	15.48
376300-Mains - Plastic	801260	F0599	Repl 99F 11th & Myrtle Ave - AOR	201810	\$ 2,145.07	0.00%	100%	2,145.07	5.5	0.00148333	17.11	34.61
376300-Mains - Plastic	801026	F0599	Repl 3205F 2-4P Liberty Phase 1	201810	\$ (56,027.88)	0.555%	100%	(56,027.88)	6.5	0.00148333	(457.09)	(997.29)
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 TerV51	201810	\$ (3,362.73)	1.04%	98.96%	(3,291.78)	6.5	0.00148333	(26.55)	(58.94)
376300-Mains - Plastic	800660	F0599	Repl 3690F 2-4P LibertyGrid Phase N	2								

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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	800502	F0599	Repl w 5955F 2-4P 63rd & 55th St	201811	\$ (194.94)	-0.69%	100%	(194.94)	4.5	0.00148333	(1.30)	(3.47)
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201811	\$ (183.77)	-0.71%	100%	(183.77)	4.5	0.00148333	(1.30)	(3.35)
376300-Mains - Plastic	801862	F0604	Repl 6505F 2-4P 12P E 57th to E 50th	201811	\$ (171.67)	0.29%	99.71%	(171.17)	4.5	0.00148333	(1.14)	(3.00)
376300-Mains - Plastic	801649	F0604	Repl 8115F 2-4P Norborne Phase 3	201811	\$ (103.19)	3.50%	96.50%	(99.57)	4.5	0.00148333	(0.66)	(1.77)
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201811	\$ (87.35)	0.00%	100%	(87.35)	4.5	0.00148333	(0.65)	(1.73)
376300-Mains - Plastic	801108	F0599	Repl 3235F 2-4P Biobattle Ph 1E	201811	\$ (87.23)	0.26%	99.72%	(84.28)	4.5	0.00148333	(0.65)	(1.65)
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201811	\$ (74.60)	-0.94%	100%	(74.60)	4.5	0.00148333	(0.50)	(1.33)
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1	201811	\$ (59.80)	0.63%	99.37%	(59.42)	4.5	0.00148333	(0.40)	(1.06)
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201811	\$ (57.04)	0.00%	100%	(57.04)	4.5	0.00148333	(0.38)	(1.02)
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201811	\$ (26.82)	8.54%	91.46%	(24.26)	4.5	0.00148333	(0.16)	(0.43)
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201811	\$ (19.48)	0.14%	99.86%	(19.47)	4.5	0.00148333	(0.05)	(0.17)
376300-Mains - Plastic	800475	F0604	Repl w 4030F 2-4P Park and Jackson	201811	\$ (18.82)	-0.53%	100%	(18.82)	4.5	0.00148333	(0.06)	(0.16)
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201811	\$ (8.27)	10.28%	89.72%	(2.58)	4.5	0.00148333	(0.02)	(0.05)
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6P Target Phase3	201811	\$ (0.92)	0.21%	99.73%	(0.90)	4.5	0.00148333	(0.01)	(0.02)
376300-Mains - Steel	801546	F0604	Repl w 3705F 2-4P Windsor Ph4 Miller	201811	\$ (0.03)	-1.51%	100%	(0.03)	4.5	0.00148333	-	-
376300-Mains - Plastic	801647	F0604	Repl 5300F 2-4P Norborne MO Phase 1	201811	\$ 3.17	2.30%	97.70%	3.10	4.5	0.00148333	0.02	0.06
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201811	\$ 22.17	-2.19%	100%	22.17	4.5	0.00148333	0.15	0.39
376300-Mains - Plastic	800407	F0599	Repl w 6260F 2P 63rd & 55th St 1B	201811	\$ (23.66)	0.00%	100%	(23.66)	4.5	0.00148333	0.15	0.42
376300-Mains - Plastic	801284	F0722	Repl 5625F 2-4P Elliot & Hwy K	201811	\$ 24.11	2.36%	97.64%	23.54	4.5	0.00148333	0.15	0.42
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201811	\$ 28.07	-0.60%	100%	28.07	4.5	0.00148333	0.19	0.50
376300-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201811	\$ 28.60	1.30%	98.70%	28.23	4.5	0.00148333	0.19	0.50
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201811	\$ (40.32)	-2.99%	100%	(40.32)	4.5	0.00148333	0.27	0.71
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Raleigh	201811	\$ 50.39	1.57%	100%	50.39	4.5	0.00148333	0.34	0.91
376300-Mains - Plastic	800448	F0599	Repl w 5940F 2-4P 63rd & 55th -1C	201811	\$ 55.70	-0.28%	100%	55.70	4.5	0.00148333	0.37	0.99
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201811	\$ 59.02	4.11%	95.69%	56.48	4.5	0.00148333	0.38	1.01
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201811	\$ 68.91	2.18%	97.82%	67.41	4.5	0.00148333	0.45	1.20
376300-Mains - Plastic	801220	F0604	Repl 11075F 2-4P Shelby & E33rd Ter	201811	\$ 69.53	0.00%	100%	69.53	4.5	0.00148333	0.47	1.33
376300-Mains - Plastic	800342	F0599	Repl w 6935F 2-4P St Joe South -2F	201811	\$ 91.08	1.32%	98.68%	89.88	4.5	0.00148333	0.60	1.60
376300-Mains - Steel	800276	F0599	Repl 139F 2P 20th & Jackson	201811	\$ 92.20	0.00%	100%	92.20	4.5	0.00148333	0.62	1.64
376300-Mains - Plastic	800341	F0599	Repl w 4794F 2-6P St Joe's Ph2E	201811	\$ 97.88	-0.44%	100%	97.88	4.5	0.00148333	0.65	1.74
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mayses W RdA Ph 1	201811	\$ 105.28	2.49%	97.01%	102.13	4.5	0.00148333	0.68	1.82
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201811	\$ 157.62	0.30%	100%	157.62	4.5	0.00148333	1.05	2.81
376300-Mains - Plastic	800283	F0722	Repl 7916F 2-4-6P Webb City Ph 2H	201811	\$ 342.25	-0.04%	100%	342.25	4.5	0.00148333	2.28	6.09
376300-Mains - Plastic	801103	F0599	Repl 7332F 2-4P Biobattle Ph-1D	201811	\$ 447.15	-0.32%	100%	447.15	4.5	0.00148333	2.98	7.96
376300-Mains - Plastic	801647	F0604	Repl 5300F 2-4P Norborne MO Phase 1	201811	\$ 568.38	2.30%	97.70%	555.30	4.5	0.00148333	3.71	9.88
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow St & Truman	201811	\$ 602.82	0.00%	100%	602.82	4.5	0.00148333	4.04	11.27
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201811	\$ 896.92	2.05%	97.95%	879.57	4.5	0.00148333	5.86	15.64
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201811	\$ 1,195.61	0.00%	100%	1,195.61	4.5	0.00148333	7.98	21.28
376300-Mains - Plastic	801254	F0599	Repl 205F 4P 33rd & Chestnut AOR	201811	\$ 1,331.20	0.00%	100%	1,331.20	4.5	0.00148333	8.89	23.70
376300-Mains - Plastic	800469	F0599	Repl 1029F 2-4P 63rd & 55th PH1D	201811	\$ 2,869.43	-0.11%	100%	2,869.43	4.5	0.00148333	19.15	51.08
376300-Mains - Plastic	800092	F0604	Repl 4644F 2P Babels Ph	201811	\$ 2,869.43	-1.64%	100%	2,869.43	4.5	0.00148333	19.15	51.08
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201811	\$ 3,279.51	-0.11%	100%	3,279.51	4.5	0.00148333	21.89	58.38
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201811	\$ 3,563.87	1.30%	98.70%	3,517.60	4.5	0.00148333	23.48	62.61
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Primm and 38th St	201811	\$ 4,400.34	0.00%	100%	4,400.34	4.5	0.00148333	29.37	78.33
376300-Mains - Plastic	801837	F0722	Repl 8745F 2-4-6P Forest to 20th	201811	\$ 4,541.45	0.00%	100%	4,541.45	4.5	0.00148333	31.47	78.60
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P Biobattle BF PH1	201811	\$ 4,701.16	-0.63%	100%	4,701.16	4.5	0.00148333	31.38	83.68
376300-Mains - Plastic	800276	F0599	Repl 139F 2P 20th & Jackson	201811	\$ 4,915.14	0.00%	100%	4,915.14	4.5	0.00148333	32.81	87.49
376300-Mains - Plastic	802235	F0599	Repl 35F 4P 53rd St & Troost APR	201811	\$ 4,924.87	0.00%	100%	4,924.87	4.5	0.00148333	32.87	87.66
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201811	\$ 5,340.18	1.31%	98.69%	5,270.10	4.5	0.00148333	35.18	93.81
376300-Mains - Plastic	801304	F0599	Repl 638F 2-4P Budd Park Phase 2D	201811	\$ 6,821.87	0.00%	100%	6,821.87	4.5	0.00148333	44.14	117.47
376300-Mains - Plastic	800960	F0599	Repl 3860F 2-4P LibertyGrid Phase N	201811	\$ 6,719.34	0.04%	99.96%	6,716.93	4.5	0.00148333	44.84	119.61
376300-Mains - Plastic	801306	F0599	Repl 7890F 2-4P Budd Park Phase 2F	201811	\$ 7,647.73	0.87%	98.13%	7,581.50	4.5	0.00148333	50.61	134.95
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201811	\$ 10,531.85	0.00%	100%	10,531.85	4.5	0.00148333	70.30	187.47
376300-Mains - Plastic	801548	F0604	Repl 3215F 2-4P Windsor Ph 6 Miller	201811	\$ 11,644.69	0.00%	100%	11,644.69	4.5	0.00148333	74.52	193.73
376300-Mains - Plastic	801982	F0604	Repl 9105F 2-4P Hognsville Ph1C	201811	\$ 11,528.46	3.02%	98.98%	11,180.65	4.5	0.00148333	74.63	199.02
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201811	\$ 12,535.12	0.00%	100%	12,535.12	4.5	0.00148333	83.67	223.12
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201811	\$ 12,848.01	0.96%	99.04%	12,724.90	4.5	0.00148333	84.94	226.50
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201811	\$ 16,713.12	0.14%	99.86%	16,690.12	4.5	0.00148333	111.41	297.08
376300-Mains - Plastic	800204	F0604	Repl 4712F 2P Babels Phase 1E	201811	\$ 21,482.92	0.00%	100%	21,482.92	4.5	0.00148333	141.92	378.50
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201811	\$ 25,164.72	0.92%	99.08%	25,052.14	4.5	0.00148333	153.21	405.55
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201811	\$ 28,352.06	0.19%	98.85%	28,308.98	4.5	0.00148333	188.96	503.90
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VnoS 23rd to 27th	201811	\$ 29,225.21	-0.45%	100%	29,225.21	4.5	0.00148333	195.08	520.63
376300-Mains - Plastic	800661	F0599	Repl 566F 2-4P Liberty Phase 2B	201811	\$ 40,286.54	0.00%	100%	40,286.54	4.5	0.00148333	272.88	704.86
376300-Mains - Plastic	800795	F0599	Repl w 8405F 2-4P Dunn Park W of 71	201811	\$ 80,987.30	5.41%	94.58%	76,698.05	4.5	0.00148333	511.36	1,361.21
376300-Mains - Plastic	800248	F0599	Repl 1075F 2-6P N Bridge & E Church	201811	\$ 98,668.16	11.03%	88.97%	86,010.29	4.5	0.00148333	574.12	1,530.98
376300-Mains - Plastic	800206	F0604	Repl 1306F 2-4P 33rd & Grand PH 1D	201811	\$ 101,528.49	-1.57%	100%	101,528.49	4.5	0.00148333	677.70	1,807.20
376300-Mains - Plastic	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201811	\$ 199,787.87	0.00%	100%	199,787.87	4.5	0.00148333	1,338.68	3,556.49
376300-Mains - Plastic	800217	F0599	Repl 302F 2P 70th E Hwy Exposed	201811	\$ 215,940.23	0.00%	100%	215,940.23	4.5	0.00148333	1,429.72	3,923.29
376300-Mains - Plastic	800344	F0599	Repl w 2500F 2P St Joe South 2H	201811	\$ 236,220.65	0.00%	100%					

Spire Missouri West

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ISRS Work Order Additions Jul18 - Jan19
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	800500	F0599	Repl w 8805F 2-4P 63rd & 55th St 1E	201812	\$ 272.54	-0.36%	100%	272.54	3.5	0.00148333	1.41	4.85
376300-Mains - Plastic	800409	F0599	Repl 2102F 2-4P 33rd & 55th Ph 1D	201812	\$ 291.12	0.00%	100%	291.12	3.5	0.00148333	1.50	5.13
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Maves-W R24 Ph1	201812	\$ 390.05	2.99%	97.01%	378.39	3.5	0.00148333	1.96	6.74
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201812	\$ 391.05	0.00%	100%	391.05	3.5	0.00148333	2.03	6.96
376300-Mains - Plastic	801547	F0604	Repl 4785F 2P Windsor Phase5 Miller	201812	\$ 391.75	0.43%	99.57%	390.05	3.5	0.00148333	2.03	6.94
376300-Mains - Plastic	800693	F0604	Repl 7332F 2-4P Norbome Phase 1H	201812	\$ 391.82	2.00%	97.90%	385.62	3.5	0.00148333	2.03	6.96
376300-Mains - Plastic	800441	F0599	KC-39th & State Line Cast Iron PHA	201812	\$ 619.73	0.08%	100%	619.73	3.5	0.00148333	3.22	11.03
376300-Mains - Plastic	802276	F0599	Repl 135F 2P 20th & Jackson	201812	\$ 701.53	0.00%	100%	701.53	3.5	0.00148333	3.64	12.49
376300-Mains - Plastic	801303	F0599	Repl 8340F 2-4P Budd Park Phase 2C	201812	\$ 717.73	0.00%	100%	717.73	3.5	0.00148333	3.73	12.78
376300-Mains - Plastic	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201812	\$ 920.63	0.53%	99.47%	915.73	3.5	0.00148333	4.75	16.30
376300-Mains - Plastic	801243	F0599	Repl 8940F 2-4P Budd Park Phase 2A	201812	\$ 924.92	-0.69%	100%	924.92	3.5	0.00148333	4.80	16.46
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201812	\$ 1,021.04	2.73%	97.27%	993.14	3.5	0.00148333	5.16	17.68
376300-Mains - Plastic	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201812	\$ 1,086.15	0.00%	100%	1,086.15	3.5	0.00148333	5.64	19.33
376300-Mains - Plastic	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201812	\$ 1,089.34	0.00%	100%	1,089.34	3.5	0.00148333	5.66	19.39
376300-Mains - Plastic	801304	F0599	Repl 8300F 2-4P Budd Park Phase 2D	201812	\$ 1,174.17	-0.25%	100%	1,174.17	3.5	0.00148333	6.30	20.51
376300-Mains - Plastic	802026	F0604	Repl 1300F 2-4P 33rd & Grand PH 1D	201812	\$ 2,227.14	0.00%	100%	2,227.14	3.5	0.00148333	11.56	39.64
376300-Mains - Plastic	800467	F0599	Rel w/ 50F 6P 54th Terrace AOR	201812	\$ 2,353.03	0.00%	100%	2,353.03	3.5	0.00148333	12.22	41.88
376300-Mains - Plastic	801715	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201812	\$ 3,490.79	0.00%	100%	3,490.79	3.5	0.00148333	18.12	62.14
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201812	\$ 3,551.15	-0.20%	100%	3,551.15	3.5	0.00148333	18.44	63.21
376300-Mains - Plastic	801110	F0599	Repl 1300F 4P 56th -Summit/Wornall	201812	\$ 3,688.92	0.00%	100%	3,688.92	3.5	0.00148333	19.15	65.66
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201812	\$ 3,948.42	0.00%	100%	3,948.42	3.5	0.00148333	20.50	70.28
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201812	\$ 4,560.01	0.00%	100%	4,560.01	3.5	0.00148333	23.67	81.17
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201812	\$ 4,834.77	0.00%	100%	4,834.77	3.5	0.00148333	25.10	86.06
376300-Mains - Plastic	801712	F0599	Repl 1405F 2-4P Walnut-51 Ter/51 St	201812	\$ 5,208.12	0.00%	96.96%	5,054.62	3.5	0.00148333	26.76	91.74
376300-Mains - Plastic	802287	F0604	Repl 85F 4P 29th St & College AOR	201812	\$ 5,600.26	0.00%	100%	5,600.26	3.5	0.00148333	29.07	96.68
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201812	\$ 6,111.93	0.28%	99.72%	6,094.55	3.5	0.00148333	31.64	108.48
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201812	\$ 6,781.94	0.00%	100%	6,781.94	3.5	0.00148333	35.21	120.72
376300-Mains - Plastic	802260	F0599	Repl 92F 2P 11th & Myrtle Ave -AOR	201812	\$ 8,451.45	0.00%	100%	8,451.45	3.5	0.00148333	43.88	150.44
376300-Mains - Plastic	802055	F0604	Repl 750F 2-4P Neosho Phase 1H	201812	\$ 8,515.72	0.00%	99.87%	8,415.72	3.5	0.00148333	44.37	156.92
376300-Mains - Plastic	801708	F0599	Repl 3020F 2P 84th Bellevue/Summit	201812	\$ 10,098.10	0.00%	100%	10,098.10	3.5	0.00148333	52.43	179.75
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201812	\$ 10,254.36	-1.55%	100%	10,254.36	3.5	0.00148333	53.24	182.53
376300-Mains - Plastic	801224	F0599	Repl 1262F 2P 61st & Indiana	201812	\$ 10,933.21	1.17%	98.83%	10,805.55	3.5	0.00148333	56.10	192.34
376300-Mains - Plastic	800344	F0599	Repl w 2500F 2P St Joe South 2H	201812	\$ 11,759.40	0.00%	100%	11,759.40	3.5	0.00148333	61.05	209.32
376300-Mains - Plastic	801873	F0604	Repl 2125F 2-4P CP at Canterbury	201812	\$ 12,862.40	1.56%	100%	12,862.40	3.5	0.00148333	66.75	228.85
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201812	\$ 13,099.66	-0.63%	100%	13,099.66	3.5	0.00148333	68.06	233.35
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201812	\$ 13,702.00	8.54%	91.46%	12,532.10	3.5	0.00148333	65.06	223.07
376300-Mains - Plastic	800342	F0599	Repl w 8935F 2-4P St Joe South - 2F	201812	\$ 16,553.67	1.32%	98.68%	16,355.72	3.5	0.00148333	84.81	290.78
376300-Mains - Plastic	802171	F0599	Repl 420F 2-4P 702 S F Hwy Exposed	201812	\$ 18,388.86	0.00%	100%	18,388.86	3.5	0.00148333	95.37	326.87
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201812	\$ 20,296.30	0.92%	99.08%	20,100.73	3.5	0.00148333	104.36	367.79
376300-Mains - Plastic	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201812	\$ 20,319.53	0.62%	98.38%	20,194.26	3.5	0.00148333	104.84	369.46
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand PH 1C	201812	\$ 20,599.44	0.79%	99.21%	20,438.21	3.5	0.00148333	106.10	363.76
376300-Mains - Plastic	800641	F0604	Repl 9105F 2-4P Higginsville Ph1E	201812	\$ 21,415.63	3.00%	98.98%	20,770.29	3.5	0.00148333	109.63	369.21
376300-Mains - Plastic	801306	F0599	Repl 7600F 2-4P Budd Park Phase 2C	201812	\$ 22,078.84	0.87%	99.13%	21,885.63	3.5	0.00148333	113.62	389.66
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201812	\$ 22,520.80	0.00%	100%	22,520.80	3.5	0.00148333	116.92	400.87
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201812	\$ 25,253.85	0.00%	100%	25,253.85	3.5	0.00148333	131.11	449.52
376300-Mains - Plastic	802248	F0599	Repl 1075F 2-4P N Bridge & E Church	201812	\$ 30,655.59	11.03%	88.97%	27,275.75	3.5	0.00148333	141.81	485.51
376300-Mains - Plastic	801811	F0599	Repl 801F 4P Wm. Wm. Linwood	201812	\$ 31,481.71	0.00%	100%	31,481.71	3.5	0.00148333	160.31	556.78
376300-Mains - Plastic	801101	F0599	Repl 7502F 2P Big Blue Battle Ph 1B	201812	\$ 43,771.52	-0.83%	100%	43,771.52	3.5	0.00148333	227.25	779.13
376300-Mains - Plastic	800502	F0599	Repl w 5955F 2-4-6P 63rd & 55th St	201812	\$ 48,523.82	-0.69%	100%	48,523.82	3.5	0.00148333	251.92	863.72
376300-Mains - Plastic	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201812	\$ 59,232.82	0.00%	100%	59,232.82	3.5	0.00148333	307.52	1,054.34
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-4P Forest to 8th	201812	\$ 73,695.86	0.06%	99.94%	73,692.99	3.5	0.00148333	382.38	1,311.02
376300-Mains - Plastic	800501	F0599	Repl w 63rd & 55th St	201812	\$ 82,193.54	0.27%	99.29%	82,193.54	3.5	0.00148333	429.77	1,483.92
376300-Mains - Plastic	802144	F0599	Repl 1815F 4P Newman btw AA & Irwin	201812	\$ 82,772.00	0.00%	100%	82,772.00	3.5	0.00148333	429.73	1,473.34
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201812	\$ 113,431.06	-0.55%	100%	113,431.06	3.5	0.00148333	588.89	2,019.07
376300-Mains - Plastic	802188	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201812	\$ 202,319.40	-1.64%	100%	202,319.40	3.5	0.00148333	1,059.37	3,601.28
376300-Mains - Plastic	801801	F0572	Repl 2102F 2-4P 33rd & W. Lincoln	201812	\$ 217,448.19	0.00%	98.17%	216,851.51	3.5	0.00148333	1,104.41	6,529.41
376300-Mains - Plastic	801570	F0604	Repl 5870F 2-4P Forest & Grand	201812	\$ 390,586.55	1.72%	98.26%	374,039.68	3.5	0.00148333	1,941.88	6,657.89
376300-Mains - Plastic	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201812	\$ 544,338.24	2.51%	97.49%	528,847.91	3.5	0.00148333	2,745.60	9,413.47
376300-Mains - Plastic	801549	F0604	Repl 10195F 2-4P Windsor BS Phase 7	201812	\$ 566,809.30	0.13%	99.87%	564,991.74	3.5	0.00148333	2,933.24	10,056.83
376300-Mains - Plastic	800640	F0604	Repl w 5125F 2-4P E Dwindler Phase 3	201812	\$ 572,854.68	0.79%	99.21%	568,355.51	3.5	0.00148333	2,950.71	10,116.71
376300-Mains - Plastic	801908	F0599	Repl 5019F 2-4P Mayes W of R24	201812	\$ 607,102.99	0.00%	100%	607,102.99	3.5	0.00148333	3,147.03	10,739.80
376300-Mains - Plastic	801108	F0599	Repl 5635F 6P BigBlueBattlefield 1G	201812	\$ 663,087.27	0.00%	100%	663,087.27	3.5	0.00148333	3,442.52	11,802.93
376300-Mains - Plastic	800393	F0572	Repl 7305F 2-4P County St to Scott	201812	\$ 726,986.94	-1.03%	100%	726,986.94	3.5	0.00148333	3,769.07	12,922.54
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201901	\$ (91,244.44)	-0.63%	100%	(91,244.44)	2.5	0.00148333	(336.36)	(1,624.15)
376300-Mains - Plastic	800641	F0604	Repl 9105F 2-4P Higginsville Ph1E	201901	\$ (26,190.26)	0.79%	98.21%	(26,190.26)	2.5	0.00148333	(104.23)	(499.23)
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand PH 1C	201901	\$ (43,408.40)	0.79%	99.21%	(43,658.82)	2.5	0.00148333	(159.70)	(786.67)
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201901	\$ (39,639.99)							

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ISRS Work Order Additions Jul18 - Jan19
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SPIRE - MISSOURI WEST
ISRS Work Order Additions Jul 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
376300-Mains - Plastic	800487	F0599	Repl w/ 6285F 2P 63rd & 55th St 1B	201901	\$ 17.64	0.00%	100%	17.64	2.5	0.00148333	0.07	0.31
376300-Mains - Plastic	800484	F0572	Repl 240F 24P 63rd & Hwy K	201901	\$ 97.44	0.00%	100%	97.44	17.57	0.00148333	0.17	0.81
376300-Mains - Plastic	800343	F0599	Repl w/ 8730F 2-4P St Joe South 2G	201901	\$ 22.34	8.54%	91.46%	20.43	2.5	0.00148333	0.08	0.36
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201901	\$ 27.64	1.30%	98.70%	27.28	2.5	0.00148333	0.10	0.49
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201901	\$ 28.04	-0.60%	100%	28.04	2.5	0.00148333	0.10	0.50
376300-Mains - Plastic	800240	F0604	Repl w/ 2282F 2P Claver & 19th St	201901	\$ 28.04	0.00%	100%	28.04	2.5	0.00148333	0.11	0.54
376300-Mains - Plastic	800613	F0572	Repl w/ 2480F 2-4P Marionville Ph F	201901	\$ 34.85	-1.51%	100%	34.85	2.5	0.00148333	0.13	0.62
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201901	\$ 38.08	-1.57%	100%	38.08	2.5	0.00148333	0.14	0.68
376300-Mains - Plastic	801789	F0604	Repl 2118F 2-4P 55th & Crescent Rd	201901	\$ 40.35	-0.11%	100%	40.35	2.5	0.00148333	0.15	0.72
376300-Mains - Plastic	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201901	\$ 41.56	-0.28%	100%	41.56	2.5	0.00148333	0.15	0.74
376300-Mains - Plastic	801240	F0604	Repl 3810F 2-4P Beverly St of Truman	201901	\$ 48.28	4.31%	98.69%	46.20	2.5	0.00148333	0.17	0.82
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201901	\$ 51.46	-0.20%	100%	50.34	2.5	0.00148333	0.19	0.90
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201901	\$ 58.41	0.10%	99.90%	58.35	2.5	0.00148333	0.22	1.04
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201901	\$ 62.67	1.31%	98.69%	61.85	2.5	0.00148333	0.23	1.10
376300-Mains - Plastic	801220	F0604	Repl 11195F 2-4P Shaw & E 33rd Ter	201901	\$ 66.34	3.12%	90.90%	60.29	2.5	0.00148333	0.22	1.07
376300-Mains - Plastic	800341	F0599	Repl w/ 4794F 2-6P St Joe's Phase 2	201901	\$ 73.11	-0.46%	100%	73.11	2.5	0.00148333	0.27	1.30
376300-Mains - Plastic	800443	F0599	Repl w/ 2500F 2P St Joe South 2H	201901	\$ 88.88	0.00%	100%	88.88	2.5	0.00148333	0.33	1.58
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mayes-W R14 Ph 1	201901	\$ 104.99	2.99%	97.01%	101.85	2.5	0.00148333	0.38	1.81
376300-Mains - Plastic	800499	F0599	Repl w/ 7020F 2-12P 63rd & 55th PH 1D	201901	\$ 105.98	-0.11%	100%	105.98	2.5	0.00148333	0.39	1.89
376300-Mains - Plastic	800500	F0599	Repl w/ 6805F 2-4P 63rd & 55th St 1E	201901	\$ 117.70	-0.36%	100%	117.70	2.5	0.00148333	0.44	2.10
376300-Mains - Steel	800287	F0572	Repl w/ 1183F 2-4-6P Webb City Ph 2I	201901	\$ 125.41	0.61%	99.39%	124.64	2.5	0.00148333	0.46	2.22
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201901	\$ 129.45	0.96%	99.04%	128.21	2.5	0.00148333	0.48	2.28
376300-Mains - Plastic	800276	F0599	Repl 139F 2P 29th & Jackson	201901	\$ 142.11	0.00%	100%	142.11	2.5	0.00148333	0.53	2.53
376300-Mains - Plastic	800234	F0599	Repl 360F 2P 33rd & Highland	201901	\$ 202.53	0.00%	100%	202.53	2.5	0.00148333	0.75	3.61
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201901	\$ 634.23	-0.94%	100%	634.23	2.5	0.00148333	2.35	11.29
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201901	\$ 647.47	0.00%	100%	647.47	2.5	0.00148333	2.40	11.52
376300-Mains - Plastic	801304	F0599	Repl 6300F 2-4P Budd Park Phase 2D	201901	\$ 689.38	-0.25%	100%	689.38	2.5	0.00148333	2.56	12.27
376300-Mains - Plastic	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201901	\$ 749.52	0.00%	100%	749.52	2.5	0.00148333	2.75	13.18
376300-Mains - Plastic	800769	F0599	Repl 4805F 2-4P 19th & 24th Ter	201901	\$ 1,212.46	0.00%	100%	1,212.46	2.5	0.00148333	4.63	22.03
376300-Mains - Plastic	800760	F0604	Repl 11565F 2-4P Concordia Phase C	201901	\$ 1,337.50	2.01%	97.99%	1,310.66	2.5	0.00148333	4.86	23.33
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201901	\$ 1,355.29	0.00%	100%	1,355.29	2.5	0.00148333	5.03	24.12
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201901	\$ 1,827.30	0.29%	99.71%	1,821.98	2.5	0.00148333	6.76	32.43
376300-Mains - Plastic	801302	F0599	Repl 6005F 2-4P Budd Park Grid Ph 2B	201901	\$ 2,033.85	0.14%	99.86%	2,031.75	2.5	0.00148333	7.53	36.15
376300-Mains - Plastic	801673	F0599	Repl 530F 2P William Jewell College	201901	\$ 5,188.24	0.00%	100%	5,188.24	2.5	0.00148333	19.13	91.82
376300-Mains - Plastic	800243	F0599	Repl 5485F 2P 8th & Hardesty Ph 1B	201901	\$ 5,347.08	0.62%	99.38%	5,314.12	2.5	0.00148333	19.71	94.59
376300-Mains - Plastic	800639	F0604	Repl w/ 5742F 2-4P East Downtown Ph 2	201901	\$ 6,843.06	0.76%	99.24%	6,790.72	2.5	0.00148333	25.18	120.87
376300-Mains - Steel	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Phase3	201901	\$ 10,267.87	0.21%	99.79%	10,246.64	2.5	0.00148333	38.00	182.39
376300-Mains - Plastic	800585	F0599	Repl 5205F 2P Wines Wineyard	201901	\$ 12,251.77	0.00%	100%	12,251.77	2.5	0.00148333	45.43	218.07
376300-Mains - Plastic	800655	F0572	Repl 7809F 2-4-6P Neosho Phase 1C	201901	\$ 12,353.54	0.03%	99.97%	12,349.54	2.5	0.00148333	45.80	219.82
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201901	\$ 13,529.86	-1.56%	100%	13,529.86	2.5	0.00148333	50.17	240.83
376300-Mains - Plastic	800266	F0599	Aband 47F ACI 18th St and Lydia St	201901	\$ 13,795.25	0.00%	100%	13,795.25	2.5	0.00148333	51.16	245.55
376300-Mains - Plastic	801865	F0572	Repl 5005F 2-4P 19th 20th 21st IUI	201901	\$ 17,664.12	-0.77%	100%	17,664.12	2.5	0.00148333	63.14	314.42
376300-Mains - Plastic	800237	F0599	Repl 85F 4P 28th St & College ACR	201901	\$ 18,112.39	0.00%	100%	18,112.39	2.5	0.00148333	67.17	322.40
376300-Mains - Plastic	800218	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201901	\$ 18,723.43	-1.64%	100%	18,723.43	2.5	0.00148333	69.43	333.28
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201901	\$ 20,053.06	-0.04%	100%	20,053.06	2.5	0.00148333	74.36	366.94
376300-Mains - Plastic	801980	F0604	Repl 5070F 2P Mayes Rd W of R1 2d	201901	\$ 20,711.78	-0.32%	100%	20,711.78	2.5	0.00148333	76.81	368.67
376300-Mains - Plastic	800235	F0599	Repl 38F 4-6P 19th & Trost Park	201901	\$ 23,580.19	0.00%	100%	23,580.19	2.5	0.00148333	87.48	419.60
376300-Mains - Plastic	801108	F0599	Repl 5635F 6P BigBlueBattledfield 1G	201901	\$ 25,701.58	0.00%	100%	25,701.58	2.5	0.00148333	95.31	457.49
376300-Mains - Plastic	801549	F0604	Repl 10195F 2-4P Windsor BS Phase 7	201901	\$ 26,172.17	0.13%	99.87%	26,139.43	2.5	0.00148333	96.93	465.28
376300-Mains - Plastic	800248	F0599	Repl 1075F 2-6P N Bridge & E Church	201901	\$ 29,846.02	11.03%	89.97%	26,555.43	2.5	0.00148333	98.48	472.69
376300-Mains - Plastic	801801	F0572	Repl 3240F 2-4-6P 13th W Tr18ate	201901	\$ 44,082.41	1.59%	99.41%	43,381.44	2.5	0.00148333	160.87	772.19
376300-Mains - Plastic	801507	F0572	Repl 8745F 4-6P Forest to 8th	201901	\$ 43,741.86	-0.76%	100%	43,741.86	2.5	0.00148333	163.39	800.97
376300-Mains - Plastic	800287	F0572	Repl w/ 1183F 2-4-6P Webb City Ph 2I	201901	\$ 81,809.94	0.61%	99.39%	81,307.83	2.5	0.00148333	301.52	1,447.28
376300-Mains - Plastic	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Phase3	201901	\$ 157,194.36	0.21%	99.79%	154,873.51	2.5	0.00148333	572.34	2,756.74
376300-Mains - Plastic	801210	F0572	Repl 1740F 2-4-6P East Ozark 10th St	201901	\$ 167,740.98	0.00%	100%	167,740.98	2.5	0.00148333	624.02	2,985.78
376300-Mains - Plastic	801952	F0599	Repl 2105F 2-4P 18th to E Truman	201901	\$ 252,868.99	0.00%	100%	252,868.99	2.5	0.00148333	937.82	4,501.65
376300-Mains - Plastic	800275	F0572	Repl 3255F 2-4P CP 43rd & Main	201901	\$ 304,826.98	1.53%	98.47%	300,154.37	2.5	0.00148333	1,113.07	5,342.74
376300-Mains - Plastic	800231	F0604	Repl 7120F 2P Colone & Liberty	201901	\$ 327,376.53	-0.13%	100%	327,376.53	2.5	0.00148333	1,214.02	5,827.29
376300-Mains - Plastic	801959	F0599	Repl 3695F 2-4P Prospect 50th-51st	201901	\$ 328,578.76	-0.12%	100%	328,578.76	2.5	0.00148333	1,218.47	5,848.65
376300-Mains - Plastic	801799	F0599	Repl 5314F 2-4-6P 200 W Ruth Eng	201901	\$ 359,939.74	0.63%	99.37%	356,830.34	2.5	0.00148333	1,323.24	6,351.87
376300-Mains - Plastic	800243	F0599	Repl 3858F 2P 8th & Hardesty Ph 1C	201901	\$ 437,415.86	-0.76%	100%	437,415.86	2.5	0.00148333	1,623.58	7,720.11
376300-Mains - Plastic	801309	F0599	Repl 4360F 2-4P Budd Park Phase 2I	201901	\$ 459,493.12	0.20%	99.80%	456,566.37	2.5	0.00148333	1,700.51	8,162.46
376300-Mains - Plastic	801308	F0599	Repl 4815F 2-4P Budd Park Phase 2H	201901	\$ 490,492.14	0.61%	99.38%	487,479.68	2.5	0.00148333	1,807.73	8,677.12
376300-Mains - Plastic	800239	F0599	Repl 5105F 2-4-6P 8th & Hardesty Ph 1A	201901	\$ 503,586.09	0.00%	100%	503,586.09	2.5	0.00148333	1,867.46	8,963.81
376300-Mains - Plastic	800232	F0599	Repl 5105F 2-4-6P 8th & Hardesty Ph 1A	201901	\$ 503,586.09	0.00%	100%	503,586.09	2.5	0.00148333	1,867.46	8,963.81
376300-Mains - Plastic	801866	F0599	Repl 5410F 4-8P E 55th St Woodland	201901	\$ 899,671.22	0.00%	100%	899,671.22	2.5	0.00148333	3,337.01	16,017.67
376300-Mains - Plastic	800336	F0572	Repl w/ 11630F 2-4P Baxter/Randolph	201901	\$ 985,395.67	1.13%	98.87%	974,260.78	2.5	0.00148333	3,612.88	17,341.80
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Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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	800284	F0604	Repl w 11888F 2-4P Carrollton Phs G	2018/07	\$ (14,32)	-0.41%	100%	(14,32)	8.5	0.0022333	(0.08)	(0.12)
380200-Services - Plastic & Copper	800285	F0604	Repl w 240F 2P Carrollton Phase H	2018/07	\$ (2,311)	99.20%	99.20%	(2,311)	8.5	0.0022333	(12.29)	(0.00)
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph 1	2018/07	\$ (3,63)	0.14%	99.86%	(3,62)	8.5	0.0022333	(0.07)	(0.10)
380200-Services - Plastic & Copper	800289	F0604	Repl 4735F 1-2-4P Rt 24 & Sterling	2018/07	\$ (81,57)	3.01%	96.99%	(79,11)	8.5	0.0022333	(1.50)	(2.12)
380200-Services - Plastic & Copper	800301	F0722	Repl w 10454F 2-4P Republic Ph1	2018/07	\$ (3,181)	1.50%	98.50%	(7,98)	8.5	0.0022333	(0.15)	(0.21)
380200-Services - Plastic & Copper	800305	F0699	Repl w 3083F 2-4P Grd Phase 2A - I&E	2018/07	\$ 16,517	-0.33%	99.37%	16,439	8.5	0.0022333	312.1	441.75
380200-Services - Plastic & Copper	800336	F0699	Repl w 3147F 4-8P St Joe's Ph2B	2018/07	\$ (8,115)	5.10%	94.90%	(3,212.60)	8.5	0.0022333	69.89	86.10
380200-Services - Plastic & Copper	800338	F0699	Repl w 4888F 2-8P St Joe Grd Ph 2C	2018/07	\$ 3,20	-0.41%	100%	3,20	8.5	0.0022333	0.06	0.09
380200-Services - Plastic & Copper	800340	F0699	Repl w 6488F 2P St Joe's Ph2D	2018/07	\$ 4,71	-0.21%	100%	4,71	8.5	0.0022333	0.09	0.13
380200-Services - Plastic & Copper	800341	F0699	Repl w 4794F 2-4P St Joe's Ph2E	2018/07	\$ (533.59)	-0.48%	100%	(533.59)	8.5	0.0022333	(10.13)	(14.20)
380200-Services - Plastic & Copper	800342	F0699	Repl w 6936F 2-4P St Joe South - 2P	2018/07	\$ 10,13	1.32%	98.68%	10,09	8.5	0.0022333	0.36	0.51
380200-Services - Plastic & Copper	800343	F0547	Target Marlborough East Ph 2 Reloc	2018/07	\$ (0.57)	na	100.00%	(0.57)	8.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	2018/07	\$ (44,203.68)	0.00%	100.00%	(44,203.68)	8.5	0.0022333	(839.13)	(1,184.66)
380200-Services - Plastic & Copper	800413	F0622	Repl w 8139F Purcell Ph 1C	2018/07	\$ (8,34)	0.63%	99.37%	(8,29)	8.5	0.0022333	(0.16)	(0.22)
380200-Services - Plastic & Copper	800414	F0604	Repl w 7381 2-4P Pleasant Hill Ph	2018/07	\$ (23,03)	6.66%	93.34%	(28,16)	8.5	0.0022333	(0.50)	(0.70)
380200-Services - Plastic & Copper	800432	F0699	Repl w 11324F 2-4P Marlborough Ph 2	2018/07	\$ 132.88	-0.16%	100%	132.88	8.5	0.0022333	2.52	3.58
380200-Services - Plastic & Copper	800435	F0604	Repl w 12550F 2-4P TC Lea & Kriger	2018/07	\$ 16,777.67	4.48%	97.54%	16,071.94	8.5	0.0022333	305.10	430.73
380200-Services - Plastic & Copper	800440	F0699	KC-39th & State Line Cast Iron PhC	2018/07	\$ 0.02	0.38%	99.62%	0.02	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800449	F0604	Repl w 930F 2P Kiger N of Rt 24	2018/07	\$ 58.28	0.00%	100%	58.28	8.5	0.0022333	1.11	1.58
380200-Services - Plastic & Copper	800453	F0699	Repl w 2144F 2-4-8P 13 & Virginia	2018/07	\$ 0.90	0.00%	100%	0.90	8.5	0.0022333	0.02	0.02
380200-Services - Plastic & Copper	800480	F0604	Repl 9430F 2-4P Pleasant Hill Ph 8	2018/07	\$ (27,36)	0.37%	99.63%	(27,26)	8.5	0.0022333	(0.52)	(0.73)
380200-Services - Plastic & Copper	800489	F0604	Repl w 4716F 6P East Downtown Ph1	2018/07	\$ (103.58)	6.29%	93.71%	(122,38)	8.5	0.0022333	(2.23)	(3.28)
380200-Services - Plastic & Copper	800491	F0604	Repl w 3182F 2-4P Harris S of Shelby	2018/07	\$ (0.06)	-0.17%	100%	(0.06)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800496	F0699	Repl w 7550F 2-4P 63rd & 55th St	2018/07	\$ (3,86)	0.69%	97.39%	(4,00)	8.5	0.0022333	(0.19)	(0.26)
380200-Services - Plastic & Copper	800499	F0699	Repl w 6280F 5P 63rd & 55th St 1B	2018/07	\$ 98.19	0.00%	100%	98.19	8.5	0.0022333	1.86	2.63
380200-Services - Plastic & Copper	800498	F0699	Repl w 5940F 2-4P 63rd & 55th - 1C	2018/07	\$ 2,933.45	-0.28%	100%	2,933.45	8.5	0.0022333	55.69	76.62
380200-Services - Plastic & Copper	800499	F0699	Repl w 7020F 2-12P 63rd & 55th Ph1D	2018/07	\$ 33.66	-0.11%	100%	33.66	8.5	0.0022333	0.64	0.90
380200-Services - Plastic & Copper	800500	F0699	Repl w 8805F 2-4P 63rd & 55th St 1E	2018/07	\$ (7,540.35)	-0.39%	100%	(7,540.35)	8.5	0.0022333	(144.14)	(202.08)
380200-Services - Plastic & Copper	800501	F0699	Repl w 8201F 2-4P 63rd & 55th St 1F	2018/07	\$ (2,917.59)	0.00%	97.73	(2,918)	8.5	0.0022333	(54.18)	(76.62)
380200-Services - Plastic & Copper	800502	F0699	Repl w 5955F 2-4-8P 63rd & 55th St	2018/07	\$ 20,938.52	-0.68%	100%	20,938.52	8.5	0.0022333	397.48	561.15
380200-Services - Plastic & Copper	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	2018/07	\$ 0.03	na	100.00%	0.03	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800542	F0604	Repl w 14507F 2-4-12P Blue Ridge	2018/07	\$ (0.36)	2.15%	97.85%	(0.36)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800572	F0604	Repl w 2920F 2-4P Neosho C-002	2018/07	\$ (1,414.59)	2.07%	97.29%	(1,376.61)	8.5	0.0022333	(26.92)	(38.69)
380200-Services - Plastic & Copper	800584	F0699	Repl w 10355F 2-4-8-8P Target Phase3	2018/07	\$ 2,49	0.21%	98.79%	2,49	8.5	0.0022333	0.05	0.07
380200-Services - Plastic & Copper	800586	F0547	Rel w 8935F 2P Marlborough Ph5	2018/07	\$ 4,405.66	na	100.00%	4,405.66	8.5	0.0022333	83.63	116.07
380200-Services - Plastic & Copper	800597	F0604	Repl w 8850F 2-4P Alma Phase 1	2018/07	\$ 0.20	5.36%	94.64%	0.19	8.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	800599	F0604	Repl w 9540F 2-4P Blackburn Phase 2	2018/07	\$ (0.15)	2.47%	97.53%	(0.15)	8.5	0.0022333	-	0.01
380200-Services - Plastic & Copper	800610	F0699	Repl w 7055F 2-4P Blackburn Phase 1	2018/07	\$ (9.86)	0.61%	99.68%	(9.94)	8.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800616	F0604	Repl w 5800F 2-4P Liberty Ph2	2018/07	\$ (4.26)	-2.49%	100%	(4.26)	8.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	800626	F0699	Repl 8693F 2-4-6P 57th & Bales IUI	2018/07	\$ (14.65)	-0.01%	100%	(14.65)	8.5	0.0022333	(0.09)	(0.12)
380200-Services - Plastic & Copper	800658	F0699	Repl 1820F 2P Library Grd Phase L	2018/07	\$ (9.09)	6.00%	94.00%	(8.54)	8.5	0.0022333	(0.16)	(0.23)
380200-Services - Plastic & Copper	800659	F0699	Repl 8623F 2P Library Grd PhaseM	2018/07	\$ 35.80	0.15%	98.55%	35.85	8.5	0.0022333	0.68	0.98
380200-Services - Plastic & Copper	800671	F0722	Repl 5730F 2-4P Neosho Phase 1 K	2018/07	\$ 21.87	0.51%	99.49%	21.78	8.5	0.0022333	0.41	0.58
380200-Services - Plastic & Copper	800672	F0722	Repl 5280F 2P Neosho Phase 1 L	2018/07	\$ (1,085.02)	-0.34%	100%	(1,085.02)	8.5	0.0022333	(20.60)	(29.08)
380200-Services - Plastic & Copper	800680	F0699	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	2018/07	\$ 1,192.68	-0.53%	100%	1,192.68	8.5	0.0022333	22.64	31.96
380200-Services - Plastic & Copper	800718	F0722	Repl w 22F 4P - Purcell Phase D	2018/07	\$ (777.54)	0.00%	100%	(777.54)	8.5	0.0022333	(14.76)	(20.84)
380200-Services - Plastic & Copper	800720	F0699	Repl w 4138F 2-4P Hwy 71 Gregory-M	2018/07	\$ (1,029.19)	0.00%	100%	(1,029.19)	8.5	0.0022333	(19.59)	(28.02)
380200-Services - Plastic & Copper	800721	F0699	Repl 5540F 2-4P Hwy71, Gregory Ph N	2018/07	\$ (2,714.25)	-0.12%	100%	(2,714.25)	8.5	0.0022333	(51.53)	(72.74)
380200-Services - Plastic & Copper	800728	F0664	Reloc 2621F 2P Broadway & Zora	2018/07	\$ (0.02)	na	100.00%	(0.02)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800758	F0604	Repl w 1011F 2-6P Concordia Phase A	2018/07	\$ 21.62	1.85%	98.15%	21.22	8.5	0.0022333	0.40	0.57
380200-Services - Plastic & Copper	800759	F0604	Repl 7111F 2-4P Concordia Phase B	2018/07	\$ 1.85	0.94%	99.06%	1.93	8.5	0.0022333	0.04	0.05
380200-Services - Plastic & Copper	800760	F0604	Repl 7052F 2-4P Concordia Phase C	2018/07	\$ 248.00	0.20%	99.68%	248.00	8.5	0.0022333	4.63	6.53
380200-Services - Plastic & Copper	800761	F0604	Repl 9898F 2-4P Concordia Phase D	2018/07	\$ (446.66)	6.20%	93.80%	(419.98)	8.5	0.0022333	(7.95)	(11.23)
380200-Services - Plastic & Copper	800762	F0604	Repl 7093F 2-4P Concordia Phase E	2018/07	\$ (2,959.06)	-0.23%	100%	(2,959.06)	8.5	0.0022333	(56.17)	(79.30)
380200-Services - Plastic & Copper	800763	F0604	Repl 11671F 2-4 P&S Concordia Ph F	2018/07	\$ (100.81)	1.01%	98.99%	(99.80)	8.5	0.0022333	(1.89)	(2.67)
380200-Services - Plastic & Copper	800764	F0699	Repl 5455F 2P Healdorff Dunn Ph4&71	2018/07	\$ 57.72	0.99%	99.99%	57.72	8.5	0.0022333	1.09	1.57
380200-Services - Plastic & Copper	800765	F0699	Repl w 6405F 2-4P Dunn Park W of 71	2018/07	\$ 367.65	5.41%	94.59%	347.77	8.5	0.0022333	6.80	9.32
380200-Services - Plastic & Copper	800796	F0699	Repl 5325F 2-4-6-12P Dunn Park Ph1D	2018/07	\$ 38.56	0.00%	100%	38.56	8.5	0.0022333	0.73	1.03
380200-Services - Plastic & Copper	800797	F0699	Repl 8070F 2-4P Dunn Park Phase 1G	2018/07	\$ (91.14)	1.47%	98.53%	(89.80)	8.5	0.0022333	(1.70)	(2.41)
380200-Services - Plastic & Copper	800798	F0699	Repl 7953F 2-4P Dunn Park Phase 1H	2018/07	\$ (214.23)	0.53%	99.47%	(213.10)	8.5	0.0022333	(4.06)	(5.71)
380200-Services - Plastic & Copper	800800	F0699	Repl 8330F 2-4P Dunn Park Phase 1I	2018/07	\$ 1,227.94	0.63%	98.92%	1,209.29	8.5	0.0022333	23.65	33.29
380200-Services - Plastic & Copper	800801	F0699	Repl w 10745F 2-4P Dunn Park Hwy 71	2018/07	\$ (63.91)	0.57%	99.43%	(63.43)	8.5	0.0022333	(1.58)	(2.24)
380200-Services - Plastic & Copper	800809	F0699	Repl 6360F 2-4P Dunn Park W of 71 E	2018/07	\$ (16.94)	-0.59%	100%	(16.94)	8.5	0.0022333	(0.32)	(0.45)
380200-Services - Plastic & Copper	800827	F0604	Repl w 2565F 2P Lee St & Main	2018/07	\$ (0.18)	-0.57%	100%	(0.18)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800845	F0604	Repl 8695F 2-4P Lincoln Ph 1 L	2018/07	\$ 267.18	0.00%	99.99%	267.17	8.5	0.0022333	5.01	6.77
380200-Services - Plastic & Copper	800856	F0604	Repl 3494F 2P Carrollton Grd Ph K	2018/07	\$ 8,533.21	0.669%	100%	8,533.21	8.5	0.0022333	162.95	230.04
380200-Services - Plastic & Copper	800864	F0604	Repl w 3915F 2-4-6P 75th St Rt 350	2018/07	\$ (3.82)	-0.43%	100%	(3.82)	8.5	0.0022333	(0.07)	(0.10)
380200-Services - Plastic & Copper	800899	F0699	Repl w 175F 2P 2722 Raytown rdAOR	2018/07	\$ (0.05)	0.00%	100%	(0.05)	8.5	0.0022333	-	-
380200-Services - Plastic & Copper	800912	F0722	Repl w 1645F 2-4P 13									

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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	801835	F0599	Repl 9745F 2-4P Budd Park Header	201807	\$ 7,321.65	0.00%	100%	7,321.65	8.5	0.0022333	150.38	212.30
380200-Services - Plastic & Copper	801841	F0578	Reloc 169 2P M&E	201807	\$ 10,193.86	0.00%	100%	10,193.86	8.5	0.0022333	0.00	0.00
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201807	\$ (10.43)	2.73%	97.27%	(10.44)	8.5	0.0022333	(0.19)	(0.27)
380200-Services - Plastic & Copper	801845	F0664	Reloc 1109F 2-4P F4010 Reloc Joplin	201807	\$ 590.07	na	100.00%	590.07	8.5	0.0022333	11.20	15.81
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highway & Florida	201807	\$ 150.06	na	100.00%	150.06	8.5	0.0022333	2.85	4.02
380200-Services - Plastic & Copper	801869	F0599	Repl 850F 2P 30th & Oakley Ct	201807	\$ 1,490.17	0.00%	100%	1,490.17	8.5	0.0022333	28.29	39.33
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201807	\$ 10.04	-1.56%	100%	10.04	8.5	0.0022333	0.19	0.27
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201807	\$ 1,380.53	-0.60%	100%	1,380.53	8.5	0.0022333	26.21	37.00
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201807	\$ 10,200.54	0.00%	100%	10,200.54	8.5	0.0022333	193.64	273.37
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Marnele-SW Pkwy/14	201807	\$ 3,641.77	na	100.00%	3,641.77	8.5	0.0022333	69.13	97.80
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201807	\$ 297.38	0.00%	100%	297.38	8.5	0.0022333	5.65	7.97
380200-Services - Plastic & Copper	802023	F0604	Repl 2895 2-4P 33rd & Grand I4	201807	\$ 2,434.37	0.98%	99.62%	2,434.37	8.5	0.0022333	46.21	65.24
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201807	\$ 127.70	0.00%	100%	127.70	8.5	0.0022333	2.42	3.42
380200-Services - Plastic & Copper	802085	F0604	Aband 235F 2-4P Clark Ave & Holden	201807	\$ 2,467.01	0.00%	100%	2,467.01	8.5	0.0022333	46.83	66.12
380200-Services - Plastic & Copper	802125	F0604	Tipon Grid Phase E - State Street	201808	\$ 0.11	0.62%	99.89%	0.01	7.5	0.0022333	0.01	0.02
380200-Services - Plastic & Copper	802053	F0604	Holden Grid Phase C	201808	\$ 0.61	8.84%	99.16%	0.60	7.5	0.0022333	0.01	0.03
380200-Services - Plastic & Copper	802091	F0604	Repl w/ 2119F 2-4P Belton Ph1A	201808	\$ (80.99)	-3.59%	96.41%	(80.88)	7.5	0.0022333	(1.45)	(2.22)
380200-Services - Plastic & Copper	802092	F0604	Inst 4644F 2P Belton Ph	201808	\$ 4,556.05	-1.64%	100%	4,556.05	7.5	0.0022333	76.31	122.10
380200-Services - Plastic & Copper	802093	F0604	Repl 3111F 2-4P Belton Phase 1C	201808	\$ 1,394.82	0.57%	99.43%	1,388.73	7.5	0.0022333	23.23	37.17
380200-Services - Plastic & Copper	802107	F0604	FY16 Strategic Grid M&E - Belton Ph	201808	\$ (158.22)	-0.65%	100%	(158.22)	7.5	0.0022333	(2.65)	(4.24)
380200-Services - Plastic & Copper	802122	F0599	Repl w/ 4565F 2P Liberty PhE	201808	\$ (0.13)	0.68%	99.32%	(0.13)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802123	F0599	Repl w/ 4550F 2P Liberty Phase F	201808	\$ (1.71)	2.72%	97.28%	(1.68)	7.5	0.0022333	(0.03)	(0.04)
380200-Services - Plastic & Copper	802124	F0599	Repl w/ 3375F 2P Liberty PhG	201808	\$ (0.03)	-0.46%	100%	(0.03)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802125	F0599	Repl w/ 3265F 2P Liberty PhH	201808	\$ 0.11	0.62%	99.89%	0.01	7.5	0.0022333	0.01	0.02
380200-Services - Plastic & Copper	802126	F0599	Repl 3205F 2-4P Liberty Phase I	201808	\$ (3.24)	-0.55%	100%	(3.24)	7.5	0.0022333	(0.05)	(0.09)
380200-Services - Plastic & Copper	802128	F0599	Repl 1827F 2-4P Liberty Phase J	201808	\$ 96.79	-0.61%	100%	96.73	7.5	0.0022333	1.62	2.59
380200-Services - Plastic & Copper	802130	F0604	Repl w/ 6463F 2-4P Belton Ph 2B	201808	\$ (0.05)	0.05%	99.95%	(0.05)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802131	F0604	Repl w/ 7363F 2-4P Belton Ph2C	201808	\$ (0.44)	1.11%	98.89%	(0.44)	7.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	802132	F0604	FY16 Strategic Grid M&E - Belton Ph	201808	\$ (1.92)	-1.31%	99.69%	(1.92)	7.5	0.0022333	(0.03)	(0.05)
380200-Services - Plastic & Copper	802133	F0599	Repl 5823F 2P Liberty Grid Phase K	201808	\$ (268.23)	-1.49%	99.51%	(264.22)	7.5	0.0022333	(4.43)	(7.08)
380200-Services - Plastic & Copper	802136	F0599	FY16 Strat Grid-St. Joe's South 1B	201808	\$ 2.19	0.00%	100%	2.19	7.5	0.0022333	0.04	0.06
380200-Services - Plastic & Copper	802147	F0599	Repl w/ 8372F 2-4P 71 & Gregory PhG	201808	\$ (70,726.11)	0.05%	99.99%	(70,689.27)	7.5	0.0022333	(1,184.04)	(1,894.47)
380200-Services - Plastic & Copper	802148	F0599	Repl w/ 8259F 2P Hwy 71 & Gregory PhH	201808	\$ 0.11	0.68%	99.99%	0.11	7.5	0.0022333	0.00	0.01
380200-Services - Plastic & Copper	802149	F0599	Repl w/ 4812F 2-4P Hwy 71 & Gregory PhJ	201808	\$ (15,168.16)	-1.32%	98.68%	(14,967.64)	7.5	0.0022333	(250.71)	(401.13)
380200-Services - Plastic & Copper	802150	F0599	Repl w/ 4734F 2-4P 71 & Gregory PhI	201808	\$ (29.09)	2.59%	97.41%	(28.34)	7.5	0.0022333	(0.47)	(0.76)
380200-Services - Plastic & Copper	802155	F0599	N Budd Park CI Grid Repl Phase 1D	201808	\$ (46.98)	2.99%	97.01%	(45.88)	7.5	0.0022333	(0.76)	(1.22)
380200-Services - Plastic & Copper	802158	F0599	N Budd Park CI Repl Phase 1G IUI	201808	\$ (3.91)	1.31%	98.69%	(3.86)	7.5	0.0022333	(0.06)	(0.10)
380200-Services - Plastic & Copper	802159	F0599	Repl w/ 8026F 2P Pleasant Hill Ph3	201808	\$ 2.19	-3.99%	99.01%	2.19	7.5	0.0022333	0.15	0.25
380200-Services - Plastic & Copper	802258	F0604	Repl w/ 11818F 2P Pleasant Hill Ph5	201808	\$ (0.12)	1.61%	98.39%	(0.12)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802259	F0604	Repl w/ 8606F 2P Pleasant Hill Ph6	201808	\$ (68.08)	2.28%	97.72%	(66.53)	7.5	0.0022333	(1.11)	(1.78)
380200-Services - Plastic & Copper	802264	F0572	Repl w/ 8505F 2P Webb City Ph2C	201808	\$ (0.01)	0.02%	99.98%	(0.01)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802265	F0572	Repl w/ 8490F 2-4P Webb City Ph2D	201808	\$ (2,371.27)	-0.71%	99.71%	(2,368.84)	7.5	0.0022333	(40.04)	(60.28)
380200-Services - Plastic & Copper	802274	F0604	Repl w/ 7005F 2-4P Carrollton PhA	201808	\$ (0.43)	0.08%	100%	(0.43)	7.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	802276	F0604	Repl w/ 5332I 2P Carrollton Phase C	201808	\$ (4.81)	-0.58%	100%	(4.81)	7.5	0.0022333	(0.08)	(0.13)
380200-Services - Plastic & Copper	802277	F0604	Repl 11776F 2-4P Carrollton Ph D	201808	\$ (7.64)	-0.94%	100%	(7.64)	7.5	0.0022333	(0.13)	(0.20)
380200-Services - Plastic & Copper	802278	F0604	Repl w/ 5718F 2P Carrollton Phase E	201808	\$ (11.41)	0.94%	99.06%	(11.40)	7.5	0.0022333	(0.02)	(0.04)
380200-Services - Plastic & Copper	802280	F0604	Repl w/ 9032F 2P Carrollton Phase F	201808	\$ 2.05	1.32%	99.69%	2.05	7.5	0.0022333	0.03	0.05
380200-Services - Plastic & Copper	802281	F0572	Repl w/ 2932F 2-4P Webb City Ph2E	201808	\$ (9.85)	-0.48%	100%	(9.85)	7.5	0.0022333	(0.16)	(0.28)
380200-Services - Plastic & Copper	802281	F0572	Repl w/ 3357F 2-4P WebbCity Phase 2F	201808	\$ 15.50	-0.80%	100%	15.50	7.5	0.0022333	0.26	0.42
380200-Services - Plastic & Copper	802282	F0572	Repl w/ 3885F 2-4P Webb City Ph 2G	201808	\$ (8.24)	0.80%	99.20%	(8.17)	7.5	0.0022333	(0.14)	(0.22)
380200-Services - Plastic & Copper	802283	F0572	Repl 7916F 2-4P Webb City Ph 2H	201808	\$ 64.65	-0.04%	100%	64.65	7.5	0.0022333	1.08	1.73
380200-Services - Plastic & Copper	802284	F0604	Repl w/ 10129F 2-4P Carrollton Ph E	201808	\$ (1.42)	0.29%	99.71%	(1.42)	7.5	0.0022333	(0.02)	(0.03)
380200-Services - Plastic & Copper	802285	F0604	Repl 2470F 2P Carrollton Phase H	201808	\$ (1.31)	0.80%	99.20%	(1.30)	7.5	0.0022333	(0.02)	(0.03)
380200-Services - Plastic & Copper	802286	F0604	Repl w/ 12516F 2-4P Carrollton Ph I	201808	\$ (7.65)	0.14%	99.86%	(7.64)	7.5	0.0022333	(0.13)	(0.20)
380200-Services - Plastic & Copper	802287	F0572	Repl w/ 1183F 2-4P Webb City Ph 2I	201808	\$ 478.47	0.61%	99.39%	475.53	7.5	0.0022333	7.97	12.74
380200-Services - Plastic & Copper	802288	F0604	Repl w/ 1124F 2-4P Webb City Ph 2J	201808	\$ (9,148.00)	-3.19%	98.89%	(8,870.98)	7.5	0.0022333	(836.32)	(1,336.52)
380200-Services - Plastic & Copper	802301	F0572	Repl w/ 10454F 2-4P Republic Ph1	201808	\$ 188.11	1.50%	98.50%	186.28	7.5	0.0022333	3.10	4.97
380200-Services - Plastic & Copper	802338	F0599	Repl w/ 4888F 2-8P St Joe Grid Ph 2C	201808	\$ (11.21)	-0.41%	100%	(11.21)	7.5	0.0022333	(0.19)	(0.30)
380200-Services - Plastic & Copper	802340	F0599	Repl w/ 6488F 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	802341	F0599	Repl w/ 4794F 2-4P St Joe's Ph2E	201808	\$ (142.60)	-0.48%	100%	(142.60)	7.5	0.0022333	(2.39)	(3.82)
380200-Services - Plastic & Copper	802342	F0599	Repl w/ 8209F 2-4P St Joe South - 2F	201808	\$ (17.32)	1.32%	99.69%	(16.89)	7.5	0.0022333	(0.09)	(0.15)
380200-Services - Plastic & Copper	802383	F0547	Target Marlborough East Ph 2 Reloc	201808	\$ (0.72)	na	100.00%	(0.72)	7.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	802385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201808	\$ (0.09)	0.00%	100.00%	(0.09)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802414	F0604	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	802429	F0604	Repl w/ 1254F 2-4P Pleasant Hill Ph8	201808	\$ (18.22)	-0.98%	100%	(18.22)	7.5	0.0022333	(0.28)	0.28
380200-Services - Plastic & Copper	802435	F0604	Repl w/ 12650F 2-4P TC L&C Kriger	201808	\$ 97.30	2.46%	97.54%	95.15	7.5	0.0022333	1.43	2.23
380200-Services - Plastic & Copper	802440	F0604	KC-39th & State Line Cast Iron PhC	201808	\$ 0.03	0.38%	99.62%	0.03	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	802449	F0604	Repl w/ 930F 2P Kiger N of Rt 24	201808	\$ (3,732.33)	0.00%	100%	(3,732.33)	7.5	0.0022333	(6.25)	(10.01)
380200-Services - Plastic & Copper	802453	F0604	Repl 10635F 2-4P Mayes-W R24 Ph1	201808	\$ 3,202.31	2.99%	97.01%	3,198.62	7.5	0.0022333	52.04	83.28
380200-Services - Plastic & Copper	802454	F0604	Repl w/ 2146F 2-4P 13 & Virginia	201808	\$ (6,663.14)	-3.29						

Spire Missouri West
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ISRS Work Order Additions Jul18 - Jan19
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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 Degr	Depr Expense
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201808	\$ 1,069.97	0.4%	100.00%	1,069.97	7.5	0.0022333	17.92	26.68
380200-Services - Plastic & Copper	801204	F0664	Reloc 1707 2-4P 20th & Basin	201808	\$ 94.00	0.0%	100.00%	94.00	7.5	0.0022333	24.64	39.42
380200-Services - Plastic & Copper	801167	F0604	Repl 925F 6P Jefferson St	201808	\$ (0.50)	-0.22%	100%	(0.50)	7.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201808	\$ (166.77)	-0.23%	100%	(166.77)	7.5	0.0022333	(2.79)	(4.47)
380200-Services - Plastic & Copper	801181	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201808	\$ (633.09)	-1%	100.00%	(633.09)	7.5	0.0022333	(10.60)	(16.87)
380200-Services - Plastic & Copper	801219	F0604	Reloc 8702F 2-4P Carthage Area Ph 1A	201808	\$ (1.65)	-0.09%	99.22%	(1.65)	7.5	0.0022333	(0.25)	(0.25)
380200-Services - Plastic & Copper	801219	F0604	Reloc 5080F 2-4P 38th & S Main St	201808	\$ (31.09)	-1%	100%	(31.09)	7.5	0.0022333	(0.52)	(0.83)
380200-Services - Plastic & Copper	801220	F0604	Reloc 11975F 2-4P Shelley & E33rd Ter	201808	\$ 11,686.61	9.12%	90.88%	10,620.63	7.5	0.0022333	177.90	284.63
380200-Services - Plastic & Copper	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201808	\$ (0.28)	0.00%	100%	(0.28)	7.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	801228	F0699	Repl 1368F 4-6P Kansas & 22nd	201808	\$ 0.32	0.48%	99.52%	0.32	7.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	801240	F0604	Repl 3910F 2-4P Beverly St of Truman	201808	\$ 1,523.26	4.31%	96.69%	1,471.01	7.5	0.0022333	24.64	39.42
380200-Services - Plastic & Copper	801241	F0699	Repl 30F 6P 50th & Agnes AOR	201808	\$ (0.03)	0.00%	100%	(0.03)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	801243	F0699	Repl 6840F 2-4P Budd Park Phase 2A	201808	\$ 5,234.61	-0.69%	100%	5,234.61	7.5	0.0022333	87.68	140.29
380200-Services - Plastic & Copper	801250	F0672	Repl 4865F 2-4P Carthage Area Ph 2A	201808	\$ (22.67)	-0.69%	100%	(22.67)	7.5	0.0022333	(0.38)	(0.61)
380200-Services - Plastic & Copper	801269	F0699	Repl 300F 4P Independence@Chestnut	201808	\$ (3,869.77)	0.00%	100%	(3,869.77)	7.5	0.0022333	(64.82)	(103.71)
380200-Services - Plastic & Copper	801284	F0672	Repl 5625F 2-4P Elliot & Hwy K	201808	\$ (106.02)	2.36%	97.64%	(103.50)	7.5	0.0022333	(1.73)	(2.79)
380200-Services - Plastic & Copper	801287	F0664	Reloc 1010F 4P 20th St, Connecticut	201808	\$ (584.15)	-	100.00%	(584.15)	7.5	0.0022333	(9.78)	(15.66)
380200-Services - Plastic & Copper	801297	F0699	Repl 380F 2P Cherry and Gilham Rd	201808	\$ 5,462.03	0.00%	100%	5,462.03	7.5	0.0022333	91.49	146.38
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 52nd St & Shady Bend	201808	\$ 8,406.15	2.18%	97.82%	8,222.74	7.5	0.0022333	137.73	220.37
380200-Services - Plastic & Copper	801300	F0604	Repl 3915F 2P Northern & Raitson	201808	\$ (7,079.64)	-1.57%	100%	(7,079.64)	7.5	0.0022333	(118.58)	(189.73)
380200-Services - Plastic & Copper	801302	F0699	Repl 6060F 2-4P Budd Park Grid Ph2B	201808	\$ 6,818.14	0.14%	99.86%	6,808.76	7.5	0.0022333	114.05	182.47
380200-Services - Plastic & Copper	801315	F0604	Repl 1182F 2P Franklin and Jewell	201808	\$ (0.04)	0.08%	99.92%	(0.04)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-6P Walnut@Nolan@Crane	201808	\$ 63.85	0.17%	99.83%	63.74	7.5	0.0022333	1.07	1.71
380200-Services - Plastic & Copper	801356	F0699	Repl 5982 2-4P Emma Grid Miller 1A	201808	\$ (0.68)	0.05%	99.35%	(0.68)	7.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	801360	F0699	Repl 5848 2P 6th Ter	201808	\$ 5,448.22	6.24%	93.78%	5,108.42	7.5	0.0022333	85.27	136.91
380200-Services - Plastic & Copper	801365	F0604	Repl 3365F 2-4P Emma 1B - Miller	201808	\$ (0.07)	-0.29%	100%	(0.07)	7.5	0.0022333	-	-
380200-Services - Plastic & Copper	801376	F0604	Repl 6700F 2-4P Waverly MO Phase 1	201808	\$ (9.99)	0.60%	99.40%	(9.94)	7.5	0.0022333	(0.15)	(0.24)
380200-Services - Plastic & Copper	801377	F0604	Repl 3880F 2-4P Waverly MO Phase 2	201808	\$ (22.03)	1.21%	99.79%	(21.76)	7.5	0.0022333	(0.36)	(0.58)
380200-Services - Plastic & Copper	801378	F0604	Repl 8910F 2-4P Waverly MO Phase 3	201808	\$ (32.06)	-0.51%	100%	(32.06)	7.5	0.0022333	(0.52)	(0.86)
380200-Services - Plastic & Copper	801386	F0664	Reloc 1892F 2-4P 15th & Delaware	201808	\$ (5.23)	-	100.00%	(5.23)	7.5	0.0022333	(0.09)	(0.14)
380200-Services - Plastic & Copper	801407	F0647	Reloc 1270F 4P Pleasant Valley Ph 4	201808	\$ 9.54	-	100.00%	9.54	7.5	0.0022333	0.16	0.26
380200-Services - Plastic & Copper	801472	F0604	Reloc 14655F 2-4P Hwy 23rd to 27th	201808	\$ 8.35	-0.45%	100%	8.35	7.5	0.0022333	0.31	0.49
380200-Services - Plastic & Copper	801475	F0604	Reloc 8630F 2-4P Waverly MO Phase 4	201808	\$ (33.21)	-0.71%	100%	(33.21)	7.5	0.0022333	(0.56)	(0.89)
380200-Services - Plastic & Copper	801520	F0604	Reloc 9740F 2P Windsor Phase3 Miller	201808	\$ 967.07	-1.7%	100%	967.07	7.5	0.0022333	16.20	25.92
380200-Services - Plastic & Copper	801528	F072	Repl 2180F 2-4P Empire 5th to 8th	201808	\$ 622.11	-2.13%	100%	622.11	7.5	0.0022333	10.42	16.67
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Phd Miller	201808	\$ 64.95	-1.51%	100%	64.95	7.5	0.0022333	1.09	1.74
380200-Services - Plastic & Copper	801580	F0678	Reloc 1075F 4P 19th & Norwood	201808	\$ 5,225.39	na	100.00%	5,225.39	7.5	0.0022333	87.53	140.04
380200-Services - Plastic & Copper	801608	F0699	Repl 4912 2P Smithville @ Hawthorne	201808	\$ (0.26)	-0.09%	100%	(0.26)	7.5	0.0022333	(0.02)	(0.03)
380200-Services - Plastic & Copper	801625	F0699	Repl 663F 2P 50th & Cypress Place	201808	\$ (112.22)	5.34%	94.66%	(111.57)	7.5	0.0022333	(0.19)	(0.31)
380200-Services - Plastic & Copper	801626	F0699	Repl 1592F 2P 40th & Kensington	201808	\$ (235.59)	9.77%	99.23%	(233.77)	7.5	0.0022333	(3.82)	(6.26)
380200-Services - Plastic & Copper	801628	F0699	Repl 400F 4P 6th & Cleveland AOR	201808	\$ (2.17)	0.00%	100%	(2.17)	7.5	0.0022333	(0.04)	(0.06)
380200-Services - Plastic & Copper	801647	F0604	Repl 5380F 2-4P Norborne MO Phase 1	201808	\$ (240.59)	2.30%	99.77%	(238.29)	7.5	0.0022333	(3.33)	(5.40)
380200-Services - Plastic & Copper	801648	F0604	Repl 7145F 2-4P Norborne Ph2 Miller	201808	\$ (19.58)	0.23%	99.82%	(19.58)	7.5	0.0022333	(0.32)	(0.52)
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201808	\$ (9.32)	3.50%	96.50%	(9.32)	7.5	0.0022333	(0.15)	(0.24)
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201808	\$ (16.25)	0.00%	100%	(16.25)	7.5	0.0022333	(0.27)	(0.44)
380200-Services - Plastic & Copper	801651	F0604	Repl 4315F 2P Norborne Phase 5	201808	\$ (31.21)	3.52%	96.48%	(30.11)	7.5	0.0022333	(0.50)	(0.81)
380200-Services - Plastic & Copper	801652	F0604	Repl 5920F 2-4P Norborne Phase 6	201808	\$ (10.24)	4.59%	96.48%	(10.24)	7.5	0.0022333	(0.17)	(0.27)
380200-Services - Plastic & Copper	801662	F0678	Reloc 1927F 4-6P Griffith Place	201808	\$ (6,935.78)	na	100.00%	(6,935.78)	7.5	0.0022333	(116.17)	(185.88)
380200-Services - Plastic & Copper	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201808	\$ (30.02)	na	100.00%	(30.02)	7.5	0.0022333	(0.50)	(0.80)
380200-Services - Plastic & Copper	801708	F0699	Repl 3920F 2P 84th Bellevue@Summit	201808	\$ 6,887.11	0.00%	100%	6,887.11	7.5	0.0022333	115.36	184.57
380200-Services - Plastic & Copper	801712	F0699	Repl 1450F 2-4P Walnut-51 TerV1	201808	\$ (70.75)	1.04%	99.99%	(70.02)	7.5	0.0022333	(1.17)	(1.89)
380200-Services - Plastic & Copper	801731	F0699	Repl 5807 2P Blue Pkwy Egan Rd	201808	\$ (19.24)	-0.09%	100%	(19.24)	7.5	0.0022333	(0.32)	(0.52)
380200-Services - Plastic & Copper	801733	F0678	Reloc 5013F 2-4-6P Crysler&70 MODOOT	201808	\$ (23.11)	na	100.00%	(23.11)	7.5	0.0022333	(0.39)	(0.62)
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201808	\$ (16.08)	na	100.00%	(16.08)	7.5	0.0022333	(0.27)	(0.43)
380200-Services - Plastic & Copper	801789	F0604	Reloc 2116F 2-4P 55th & Crescent Rd	201808	\$ (39.32)	-0.11%	100%	(39.32)	7.5	0.0022333	(0.66)	(1.05)
380200-Services - Plastic & Copper	801827	F0699	Repl 845F 2-4P High 10th	201808	\$ (113.86)	-0.51%	100%	(113.86)	7.5	0.0022333	(2.02)	(3.34)
380200-Services - Plastic & Copper	801828	F0699	Repl 2524F 2-4P 23rd & Topgna	201808	\$ 999.62	-0.20%	100%	999.62	7.5	0.0022333	16.74	26.79
380200-Services - Plastic & Copper	801834	F0699	Repl 881F 4P 29th & Cleveland AOR	201808	\$ 712.23	0.00%	100%	712.23	7.5	0.0022333	11.93	19.09
380200-Services - Plastic & Copper	801835	F0699	Repl 9745F 2-4P Budd Park Header	201808	\$ 15,419.12	0.00%	100%	15,419.12	7.5	0.0022333	254.27	413.23
380200-Services - Plastic & Copper	801841	F0678	Reloc 60F 2P RD Muzi	201808	\$ (20.74)	n/A	100.00%	(20.74)	7.5	0.0022333	(0.35)	(0.56)
380200-Services - Plastic & Copper	801842	F0699	Repl 700F 2P 6th & Baltimore	201808	\$ (0.84)	2.1%	99.99%	(0.84)	7.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201808	\$ 513.70	na	100.00%	513.70	7.5	0.0022333	8.60	13.77
380200-Services - Plastic & Copper	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201808	\$ (43.92)	na	100.00%	(43.92)	7.5	0.0022333	(0.74)	(1.18)
380200-Services - Plastic & Copper	801862	F0604	Reloc 6550F 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	801875	F0699	Repl 8520F 2-4P 23rd & Oak-C3	201808	\$ 1,298.63	0.09%	100%	1,298.63	7.5	0.0022333	21.50	34.43
380200-Services - Plastic & Copper	801873	F0672	Reloc 2175F 2-4P CP at Canterbury	201808	\$ 78.90	-1.56%	100%	78.90	7.5	0.0022333	1.32	2.11
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201808	\$ (219.17)	-0.60%	100%	(219.17)	7.5	0.0022333	(3.67)	(5.87)
380200-Services - Plastic & Copper	801894	F0647	Reloc 3229F 2-4-6P Wornall 85th&9th	201808	\$ 36,902.84	n/A	100.00%	36,902.84	7.5	0.0022333	618.12	988.99
380200-Services - Plastic & Copper	801909	F0699	Repl 4180F 2-4P Pittman and 38th St	201808	\$ 920.57	0.00%	100%	920.57	7.5	0.0022333		

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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	380498	F0999	Repl w/ 6940F 2-4P 63rd & 59th - 1C	201809	\$ (99,122.34)	-0.28%	100%	(99,122.34)	6.5	0.0022333	(1,438.92)	(2,686.47)
380200-Services - Plastic & Copper	380509	F0999	Repl w/ 2019F 2-4P 63rd & 59th PH1D	201809	\$ 33,193.18	0.00%	100%	33,193.18	6.5	0.0022333	4.89	9.03
380200-Services - Plastic & Copper	380500	F0999	Repl w/ 6805F 2-4P 63rd & 55th St 1E	201809	\$ 1,139.62	-0.36%	100%	1,139.62	6.5	0.0022333	16.64	30.54
380200-Services - Plastic & Copper	380501	F0999	Repl w/ 4890F 2P 63rd & 55th	201809	\$ 3,704.53	0.27%	99.73%	3,694.69	6.5	0.0022333	53.63	99.02
380200-Services - Plastic & Copper	380502	F0999	Repl w/ 5956F 2-4P 63rd & 55th St	201809	\$ (11,144.92)	-0.69%	100%	(11,144.92)	6.5	0.0022333	(161.79)	(298.68)
380200-Services - Plastic & Copper	380542	F0647	Repl w/ 1607F 2-4P 63rd & 59th St	201809	\$ 1,607.47	0.00%	100%	1,607.47	6.5	0.0022333	21.77	41.65
380200-Services - Plastic & Copper	380542	F0647	Repl w/ 1456F 2-6P 12P Blue Ridge	201809	\$ (0.66)	-0.15%	97.85%	(0.65)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	380553	F0647	Repl w/ 812F 2P Marlborough WestPh3	201809	\$ 0.11	na	100.00%	0.11	6.5	0.0022333	-	-
380200-Services - Plastic & Copper	380578	F0647	Repl w/ 2920F 2-4P Neosho C-0002	201809	\$ (2.98)	2.61%	97.39%	(2.90)	6.5	0.0022333	(0.04)	(0.08)
380200-Services - Plastic & Copper	380594	F0999	Repl w/ 10368F 2-4P 63rd Target Phase3	201809	\$ 4.61	0.21%	99.79%	4.49	6.5	0.0022333	0.07	0.12
380200-Services - Plastic & Copper	380596	F0647	Repl w/ 8936F 2P Marlborough Ph5	201809	\$ (72.85)	na	100.00%	(72.85)	6.5	0.0022333	(0.69)	(1.28)
380200-Services - Plastic & Copper	380596	F0647	Reloc w/ 9290F 2-4-6P 4th Street	201809	\$ 40,169.98	na	100.00%	40,169.98	6.5	0.0022333	583.13	1,076.55
380200-Services - Plastic & Copper	380597	F0647	Repl w/ 8860F 2-4P Alma Phase 1	201809	\$ 0.40	5.36%	94.64%	0.38	6.5	0.0022333	0.01	0.01
380200-Services - Plastic & Copper	380599	F0647	Repl w/ 9540F 2-4P Blackburn Phase 2	201809	\$ (0.27)	2.47%	97.53%	(0.26)	6.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	380600	F0647	Repl w/ 1055F 2-4P Blackburn Phase 1	201809	\$ (0.91)	-0.94%	99.06%	(0.90)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	380601	F0647	Repl w/ 2845F 2P Marcellonville PhA	201809	\$ 0.01	-0.14%	100%	0.01	6.5	0.0022333	-	-
380200-Services - Plastic & Copper	380616	F0647	Repl w/ 5800F 2-4P Liberty Ph2	201809	\$ (0.49)	-2.49%	100%	(0.49)	6.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	380626	F0999	Repl 8693F 2-4-6P 57th & Bales IU	201809	\$ 5,033.48	-0.01%	100%	5,033.48	6.5	0.0022333	73.07	134.90
380200-Services - Plastic & Copper	380627	F0999	Repl 40F ACR 2026 48th Tr	201809	\$ 78.62	0.00%	100%	78.62	6.5	0.0022333	1.14	2.11
380200-Services - Plastic & Copper	380629	F0647	Repl w/ 9742F 2-4P East Downtown Ph 2	201809	\$ 7,423.39	0.76%	99.24%	7,365.61	6.5	0.0022333	106.92	197.40
380200-Services - Plastic & Copper	380654	F0647	Repl w/ 5185F 2-6P Neosho C-001 1B	201809	\$ 12,251.10	-0.30%	100%	12,251.10	6.5	0.0022333	177.84	328.33
380200-Services - Plastic & Copper	380658	F0999	Repl 1820F 2P Liberty Grd Phase L	201809	\$ (369.03)	6.00%	94.00%	(346.90)	6.5	0.0022333	(5.04)	(9.30)
380200-Services - Plastic & Copper	380659	F0999	Repl 8623F 2-4P Liberty Grd PhaseM	201809	\$ (154.25)	0.15%	98.85%	(154.02)	6.5	0.0022333	(2.24)	(4.13)
380200-Services - Plastic & Copper	380660	F0999	Repl 3609F 2-4P LibertyGrd Phase N	201809	\$ 4,276.64	0.68%	94.26%	4,201.61	6.5	0.0022333	64.96	114.47
380200-Services - Plastic & Copper	380661	F0999	Repl 5897F 2-4-6P Liberty Phase O	201809	\$ 1,074.94	5.57%	92.43%	993.62	6.5	0.0022333	14.42	26.63
380200-Services - Plastic & Copper	380668	F0772	Repl 7315F 2-4P Neosho Phase 1H	201809	\$ 19,863.60	2.10%	97.90%	19,445.48	6.5	0.0022333	282.28	521.14
380200-Services - Plastic & Copper	380671	F0772	Repl 5730F 2-4P Neosho Phase 1 K	201809	\$ (86.59)	0.51%	99.49%	(86.14)	6.5	0.0022333	(1.25)	(2.31)
380200-Services - Plastic & Copper	380672	F0772	Repl 5280F 2-4P Neosho Phase 1 L	201809	\$ (87.85)	-0.34%	100%	(87.85)	6.5	0.0022333	(0.84)	(1.65)
380200-Services - Plastic & Copper	380673	F0999	Repl w/ 80F 4P 1801 Bales CA0R	201809	\$ 1,893.88	0.29%	99.89%	1,893.88	6.5	0.0022333	28.38	49.63
380200-Services - Plastic & Copper	380690	F0999	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201809	\$ (9.42)	-0.53%	100%	(9.42)	6.5	0.0022333	(0.14)	(0.26)
380200-Services - Plastic & Copper	380720	F0999	Repl w/ 4138F 2-4P Hwy 71 Gregory Ph N	201809	\$ (20.16)	-1.00%	100%	(20.16)	6.5	0.0022333	(0.29)	(0.54)
380200-Services - Plastic & Copper	380721	F0999	Repl 5540F 2-4P Hwy71 Gregory Ph N	201809	\$ 0.16	-1.12%	100%	0.16	6.5	0.0022333	-	-
380200-Services - Plastic & Copper	380728	F0999	Reloc 2621F 2P Broadway & Zora	201809	\$ (0.86)	0.04%	100%	(0.86)	6.5	0.0022333	-	-
380200-Services - Plastic & Copper	380734	F0999	Repl w/ 1353F 2P Grandview & 115th	201809	\$ 348.81	0.65%	99.35%	346.58	6.5	0.0022333	5.03	9.29
380200-Services - Plastic & Copper	380758	F0647	Repl w/ 1011F 2-6P Concordia Phase A	201809	\$ (26.29)	1.85%	98.15%	(25.80)	6.5	0.0022333	(0.37)	(0.69)
380200-Services - Plastic & Copper	380759	F0647	Repl 7111F 2-4P Concordia Phase B	201809	\$ (17.86)	0.94%	99.06%	(17.69)	6.5	0.0022333	(0.26)	(0.47)
380200-Services - Plastic & Copper	380760	F0647	Repl 1166F 2-4P Concordia Phase C	201809	\$ (79.31)	2.01%	97.99%	(78.31)	6.5	0.0022333	(1.14)	(2.10)
380200-Services - Plastic & Copper	380761	F0647	Repl 989F 2-4P Concordia Phase D	201809	\$ (93.20)	0.20%	99.89%	(93.20)	6.5	0.0022333	(0.93)	(1.72)
380200-Services - Plastic & Copper	380762	F0647	Repl 7093F 2-4P Concordia Phase E	201809	\$ (2,876.43)	-0.23%	100%	(2,876.43)	6.5	0.0022333	(41.76)	(77.09)
380200-Services - Plastic & Copper	380763	F0647	Repl 11671F 2-4 P&S-Concordia Ph F	201809	\$ 13,147.32	1.03%	98.99%	13,015.07	6.5	0.0022333	168.94	348.80
380200-Services - Plastic & Copper	380774	F0999	Inst 5455F 12P Header Dunn Park7	201809	\$ (23.36)	0.00%	100%	(23.36)	6.5	0.0022333	(0.34)	(0.63)
380200-Services - Plastic & Copper	380775	F0999	Repl w/ 6482F 2-4P Dunn Park Wt 71	201809	\$ (375.10)	-1.61%	94.69%	(369.59)	6.5	0.0022333	(5.47)	(10.42)
380200-Services - Plastic & Copper	380776	F0999	Repl 5320F 2-4-6P 12P Dunn Park Ph1D	201809	\$ (65.47)	0.00%	100%	(65.47)	6.5	0.0022333	(1.06)	(2.02)
380200-Services - Plastic & Copper	380777	F0999	Repl 8070F 2-4P Dunn Park Phase 1G	201809	\$ (426.50)	1.47%	98.53%	(420.24)	6.5	0.0022333	(6.10)	(11.26)
380200-Services - Plastic & Copper	380778	F0999	Repl 7525F 2-4P Dunn Park Phase 1H	201809	\$ (754.74)	0.53%	99.47%	(750.78)	6.5	0.0022333	(10.90)	(20.12)
380200-Services - Plastic & Copper	380779	F0999	Repl 8320F 2-4P Dunn Park Phase 1I	201809	\$ (324.00)	0.63%	99.37%	(321.96)	6.5	0.0022333	(4.47)	(8.63)
380200-Services - Plastic & Copper	380780	F0999	Repl w/ 1074F 2-4P Dunn Park Hwy 71	201809	\$ 1,074.00	0.57%	97.36%	1,059.24	6.5	0.0022333	(18.77)	(36.39)
380200-Services - Plastic & Copper	380901	F0999	Repl 6306F 2-4P Dunn Park W of 71 1E	201809	\$ 1,059.24	-0.59%	100%	1,059.24	6.5	0.0022333	15.38	28.38
380200-Services - Plastic & Copper	380827	F0647	Repl w/ 2565F 2P Lee St & Main	201809	\$ (0.33)	-0.57%	100%	(0.33)	6.5	0.0022333	-	(0.01)
380200-Services - Plastic & Copper	380853	F0772	Repl 285F 2P Byers Joplin	201809	\$ 7,707.58	0.00%	100%	7,707.58	6.5	0.0022333	111.89	206.56
380200-Services - Plastic & Copper	380854	F0647	Repl 8660F 2-4P Carleton Grd Ph L	201809	\$ (0.12)	0.00%	100%	(0.12)	6.5	0.0022333	-	-
380200-Services - Plastic & Copper	380856	F0647	Repl 340F 2P Carron Grd Ph K	201809	\$ (0.85)	-0.69%	100%	(0.85)	6.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	380864	F0647	Repl w/ 3915F 2-4-6P 75th St, RT 350	201809	\$ 6,635.47	-0.43%	100%	6,635.47	6.5	0.0022333	98.32	177.83
380200-Services - Plastic & Copper	380867	F0999	Repl w/ 3574F 2-4P Marlborough Ph A	201809	\$ 51.50	-3.55%	100%	51.50	6.5	0.0022333	0.75	1.38
380200-Services - Plastic & Copper	380899	F0999	Repl w/ 175F 2P 2722 Raytown RdAOR	201809	\$ 27.49	0.00%	100%	27.49	6.5	0.0022333	0.40	0.74
380200-Services - Plastic & Copper	380912	F0647	Reloc 2742F 2-4P 15th & Moffet	201809	\$ (0.71)	-0.04%	100%	(0.71)	6.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	380921	F0999	Repl 1448F 2-4P Benton & 55th	201809	\$ 14.21	1.80%	98.20%	13.95	6.5	0.0022333	0.20	0.37
380200-Services - Plastic & Copper	380924	F0999	Aband 992F 4&6C1 54th & Ter	201809	\$ (42.43)	0.00%	100%	(42.43)	6.5	0.0022333	(0.62)	(1.14)
380200-Services - Plastic & Copper	380940	F0647	Repl w/ 2220F 2P Claremont & 25th	201809	\$ (69,640.14)	-2.52%	100%	(69,640.14)	6.5	0.0022333	(1,010.94)	(1,866.35)
380200-Services - Plastic & Copper	380959	F0647	Repl 1170F 2-4P 4th & School Ph 1	201809	\$ (25,771.39)	na	100.00%	(25,771.39)	6.5	0.0022333	(374.11)	(690.87)
380200-Services - Plastic & Copper	380969	F0999	Repl 870F 2-4P Wornall & 85th Ph2	201809	\$ (19.31)	na	100.00%	(19.31)	6.5	0.0022333	(0.29)	(0.52)
380200-Services - Plastic & Copper	380966	F0647	Reloc 1859F 4-6P Wornall & 85th Ph4	201809	\$ (1,809.60)	na	100.00%	(1,809.60)	6.5	0.0022333	(26.27)	(48.50)
380200-Services - Plastic & Copper	380967	F0647	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	380968	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	380975	F0647	Reloc 1975F 2-4P Wornall & 85th Ph6	201809	\$ 2,566.32	3.03%	98.79%	2,498.56	6.5	0.0022333	34.47	64.68
380200-Services - Plastic & Copper	380977	F0647	Repl 8085F 2P Liberty & Stone	201809	\$ (1.12)	3.43%	96.57%	(1.08)	6.5	0.0022333	(0.02)	(0.03)
380200-Services - Plastic & Copper	380987	F0772	Repl w/ 8238F 2-6P Neosho C-001	201809	\$ 18,563.32	2.48%	97.52%	18,103.22	6.5	0.0022333	262.80	485.17
380200-Services - Plastic & Copper	380980	F0647	Reloc 2127F 2-4-6P Pleasant Val Ph2	201809	\$ 1.09	na	100.00%	1.09	6.5	0.		

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SPIRE - MISSOURI WEST
ISRS Work Order Additions Jul 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	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201809	\$ 2,75	-1.56%	100%	2,75	6.5	0.0022333	0.04	0.07
380200-Services - Plastic & Copper	F0604	F0604	Reloc 2-4P Harris Ave & Truman	201809	\$ 174.11	-0.6%	100%	174.11	6.5	0.0022333	2.56	4.73
380200-Services - Plastic & Copper	801894	F047	Reloc 3229F 2-4P Wornall 85th-89th	201809	\$ 14,075.88	na	100.00%	14,075.88	6.5	0.0022333	204.33	377.23
380200-Services - Plastic & Copper	801902	F0578	Reloc 1100F 4P 42nd St Trinity Woods	201809	\$ 1,100.51	na	100.00%	1,100.51	6.5	0.0022333	15.98	29.49
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201809	\$ (265.42)	0.00%	100%	(265.42)	6.5	0.0022333	(3.85)	(7.11)
380200-Services - Plastic & Copper	802002	F0604	Repl 1822F 2-4P Mansfield SW Pkwy14	201809	\$ (232.37)	0.00%	100%	(232.37)	6.5	0.0022333	(3.40)	(6.49)
380200-Services - Plastic & Copper	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201809	\$ (33.10)	0.38%	99.62%	(33.10)	6.5	0.0022333	(0.48)	(0.89)
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201809	\$ 1.29	0.00%	100%	1.29	6.5	0.0022333	0.02	0.03
380200-Services - Plastic & Copper	802044	F0547	Reloc 2817F 2-4P Prospect WalnutElm	201809	\$ (339.53)	na	100.00%	(339.53)	6.5	0.0022333	(4.93)	(9.10)
380200-Services - Plastic & Copper	802057	F0604	Reloc 3614F 2-4P 5th & GrandCarthage	201809	\$ (1,238.29)	na	100.00%	(1,238.29)	6.5	0.0022333	(17.88)	33.19
380200-Services - Plastic & Copper	802065	F0604	Aband 235F 2-4P Clark Ave & Holden	201809	\$ (405.13)	0.00%	100%	(405.13)	6.5	0.0022333	(5.88)	(10.86)
380200-Services - Plastic & Copper	802078	F0578	Reloc 192F 4P Main at Stone	201809	\$ 2,338.48	na	100.00%	2,338.48	6.5	0.0022333	33.95	62.87
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201809	\$ 1,305.15	0.00%	100%	1,305.15	6.5	0.0022333	18.95	34.98
380200-Services - Plastic & Copper	802026	F0599	Repl 8635F 2-4P 57th & Bates UJ	201810	\$ (7,169.84)	-0.1%	100%	(7,169.84)	6.5	0.0022333	(94.91)	(187.34)
380200-Services - Plastic & Copper	802030	F0599	Repl w 10745F 2-4P Dunn Park Hwy 1E	201810	\$ (56,517.54)	0.57%	99.43%	(56,517.54)	6.5	0.0022333	(684.58)	(1,483.63)
380200-Services - Plastic & Copper	802050	F0599	Repl w 6805F 2-4P 63rd & 55th St 1	201810	\$ (5,117.54)	-0.36%	100%	(5,117.54)	6.5	0.0022333	(67.03)	(1,477.15)
380200-Services - Plastic & Copper	802074	F0599	Inst 5455F 12P Header Dunn Park#1	201810	\$ (18,216.09)	0.00%	100%	(18,216.09)	6.5	0.0022333	(223.75)	(488.19)
380200-Services - Plastic & Copper	802091	F0599	Repl 2143F 2P Wornall & 85th	201810	\$ (12,603.93)	3.03%	99.97%	(12,222.21)	6.5	0.0022333	(159.13)	(327.55)
380200-Services - Plastic & Copper	802102	F0599	Repl w 6405F 2-4P Dunn Park W of 71	201810	\$ (4,332.31)	5.41%	94.59%	(4,116.86)	6.5	0.0022333	(50.57)	(110.33)
380200-Services - Plastic & Copper	802133	F0604	Repl 2814F 2-4P WalnutNolandCarthage	201810	\$ (1,852.14)	0.17%	99.83%	(1,848.98)	6.5	0.0022333	(22.71)	(49.55)
380200-Services - Plastic & Copper	802196	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201810	\$ (25.63)	0.00%	100%	(25.63)	6.5	0.0022333	(0.31)	(0.69)
380200-Services - Plastic & Copper	802199	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201810	\$ 25.62	-0.11%	100%	25.62	6.5	0.0022333	0.31	0.69
380200-Services - Plastic & Copper	802201	F0599	Repl w 4892F 2P 63rd & 55th	201810	\$ 85.14	0.07%	99.73%	82.96	6.5	0.0022333	1.04	2.04
380200-Services - Plastic & Copper	802205	F0599	Repl 7529F 2P Big Blue Battle Ph 1B	201810	\$ (161.85)	-0.83%	100%	(161.85)	6.5	0.0022333	(1.95)	(4.34)
380200-Services - Plastic & Copper	802155	F0599	N Budd Park Cl Grid Repl Phase 1D	201810	\$ 174.19	2.99%	97.01%	169.93	6.5	0.0022333	2.08	4.53
380200-Services - Plastic & Copper	802058	F0599	Repl w 5955F 2-4-6P 63rd & 55th St	201810	\$ 894.98	-0.69%	100%	894.98	6.5	0.0022333	10.99	23.99
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201810	\$ 1,356.30	0.00%	100%	1,356.30	6.5	0.0022333	16.86	36.35
380200-Services - Plastic & Copper	801902	F0599	Repl 8206F 2-4P Liberty Grid Ph2B	201810	\$ (2,838.26)	1.49%	99.86%	(2,838.26)	6.5	0.0022333	(35.87)	(75.61)
380200-Services - Plastic & Copper	801304	F0599	Repl 6390F 2-4P Budd Park Phase 2D	201810	\$ 6,909.84	-0.25%	100%	6,909.84	6.5	0.0022333	84.88	185.18
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1E	201810	\$ 37,341.57	-0.63%	100%	37,341.57	6.5	0.0022333	458.68	1,000.75
380200-Services - Plastic & Copper	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201810	\$ 43,902.81	0.28%	99.72%	43,779.99	6.5	0.0022333	537.74	1,173.26
380200-Services - Plastic & Copper	801103	F0599	Repl 7329F 2-4P BigBlueBattle Ph1D	201810	\$ 178,129.00	-0.32%	100%	178,129.00	6.5	0.0022333	2,186.02	4,773.86
380200-Services - Plastic & Copper	801306	F0599	Repl 7620F 2-4P Budd Park Phase 2F	201810	\$ 185,737.27	0.87%	99.13%	185,120.06	6.5	0.0022333	2,273.85	4,961.21
380200-Services - Plastic & Copper	802027	F0599	Repl 40F 4P ACR 2026 48th Tr	201810	\$ (891.87)	0.00%	100%	(891.87)	6.5	0.0022333	(10.96)	(23.90)
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201810	\$ 228.02	0.00%	100%	228.02	6.5	0.0022333	2.80	6.11
380200-Services - Plastic & Copper	802032	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201810	\$ (116,686.25)	-0.18%	100%	(116,686.25)	6.5	0.0022333	(1,433.29)	(3,127.19)
380200-Services - Plastic & Copper	802033	F0599	Repl 1823F 2-4P Liberty Grid Phase K	201810	\$ (2,838.26)	1.49%	99.86%	(2,838.26)	6.5	0.0022333	(35.87)	(75.61)
380200-Services - Plastic & Copper	801731	F0599	Repl 580F 2P Blue Pkwy & Ehwn Rd	201810	\$ (18,643.49)	-0.58%	100%	(18,643.49)	6.5	0.0022333	(229.00)	(499.64)
380200-Services - Plastic & Copper	801626	F0599	Repl 1592F 2P 40th & Kensington	201810	\$ (1,029.63)	0.77%	99.23%	(1,029.63)	6.5	0.0022333	(17.10)	(37.08)
380200-Services - Plastic & Copper	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201810	\$ (9,067.46)	-0.60%	100%	(9,067.46)	6.5	0.0022333	(111.38)	(243.01)
380200-Services - Plastic & Copper	801874	F0604	Repl 8810F 2-4P Weyerhaeuser Ph3	201810	\$ (3,112.02)	-0.61%	100%	(3,112.02)	6.5	0.0022333	(38.62)	(83.40)
380200-Services - Plastic & Copper	801828	F0599	Repl 1812F 2-4P Liberty Phase J	201810	\$ (2,838.04)	0.61%	100%	(2,838.04)	6.5	0.0022333	(35.59)	(75.63)
380200-Services - Plastic & Copper	802060	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201810	\$ (1,974.30)	0.04%	99.96%	(1,973.59)	6.5	0.0022333	(24.24)	(52.89)
380200-Services - Plastic & Copper	802002	F0604	Repl 1215F 2P Maywood Ave	201810	\$ (1,754.50)	0.00%	100%	(1,754.50)	6.5	0.0022333	(21.55)	(47.02)
380200-Services - Plastic & Copper	802126	F0599	Repl 3260F 2-4P Liberty Phase 1	201810	\$ (1,628.50)	-0.55%	100%	(1,628.50)	6.5	0.0022333	(20.00)	(43.64)
380200-Services - Plastic & Copper	801259	F0572	Repl w 4892F 2-4P Carthage Area Ph 2A	201810	\$ (1,329.25)	0.69%	99.86%	(1,329.25)	6.5	0.0022333	(16.43)	(35.65)
380200-Services - Plastic & Copper	802156	F0599	Repl w 1353F 2P Grandview & 115th	201810	\$ (1,306.85)	-0.65%	99.35%	(1,298.39)	6.5	0.0022333	(15.85)	(34.60)
380200-Services - Plastic & Copper	802039	F0604	Repl w 5742F 2-4P East Downtown Ph 2	201810	\$ (866.43)	0.76%	99.24%	(849.88)	6.5	0.0022333	(10.44)	(22.78)
380200-Services - Plastic & Copper	801862	F0604	Repl 6560F 2-4-12P E 57th to E 50th	201810	\$ (62.95)	0.29%	99.71%	(62.90)	6.5	0.0022333	(0.65)	(1.41)
380200-Services - Plastic & Copper	801103	F0599	Repl 3615F 2-4P Northern & Ralston	201810	\$ (265.86)	-1.57%	100%	(265.86)	6.5	0.0022333	(3.00)	(6.69)
380200-Services - Plastic & Copper	802073	F0604	Repl 11517F 2-4 P&S -Concotta Ph F	201810	\$ (35.61)	0.01%	99.99%	(35.61)	6.5	0.0022333	(0.45)	(0.95)
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201810	\$ (3.95)	-0.23%	100%	(3.95)	6.5	0.0022333	(0.12)	(0.26)
380200-Services - Plastic & Copper	802087	F0599	Repl w 3574F 2-4P Marlborough Ph 4	201810	\$ (3.29)	-0.35%	100%	(3.29)	6.5	0.0022333	(0.04)	(0.09)
380200-Services - Plastic & Copper	802094	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201810	\$ 1.03	0.21%	99.79%	1.03	6.5	0.0022333	0.01	0.03
380200-Services - Plastic & Copper	802092	F0599	Repl w 6932F 2-4P Target Phase 3	201810	\$ 1.22	0.21%	99.79%	1.22	6.5	0.0022333	0.01	0.03
380200-Services - Plastic & Copper	802032	F0604	FY16 Strategic Grid MGE - Belton Ph	201810	\$ 7.87	1.31%	98.69%	7.77	6.5	0.0022333	0.10	0.21
380200-Services - Plastic & Copper	802045	F0572	Repl w 4030F 2-4P Park and Jackson	201810	\$ 10.22	-0.53%	100%	10.22	6.5	0.0022333	0.13	0.27
380200-Services - Plastic & Copper	802083	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201810	\$ 15.61	-0.04%	100%	15.61	6.5	0.0022333	0.19	0.42
380200-Services - Plastic & Copper	802048	F0604	Repl 3705F 2-4P Wornall & 85th	201810	\$ 18.80	-0.15%	100%	18.80	6.5	0.0022333	0.23	0.48
380200-Services - Plastic & Copper	802096	F0604	Repl w 1216F 2-4P Carrollton Ph 1	201810	\$ 23.79	0.14%	99.86%	23.78	6.5	0.0022333	0.29	0.61
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201810	\$ 25.60	3.50%	96.50%	24.70	6.5	0.0022333	0.30	0.66
380200-Services - Plastic & Copper	802043	F0604	Repl 10635F 2-4-6-12P Mayes-W R124 Ph1	201810	\$ 27.08	2.99%	97.01%	26.27	6.5	0.0022333	0.32	0.70
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201810	\$ 44.85	-1.56%	100%	44.85	6.5	0.0022333	0.55	1.20
380200-Services - Plastic & Copper	802044	F0604	Repl 3102F 2-4P Norborne Phase 2	201810	\$ 98.36	-0.94%	100%	98.36	6.5	0.0022333	1.21	2.64
380200-Services - Plastic & Copper	802077	F0604	Repl 11776F 2-4P Carrollton Ph D	201810	\$ 98.36	-0.94%	100%	98.36	6.5	0.0022333	1.21	2.64
380200-Services - Plastic & Copper	802043	F0599	Repl w 8730F 2-4P St Joe South 2G	201810	\$ 174.01	8.54%	91.46%	159.15	6.5	0.0022333	1.95	4.27
380200-Services - Plastic & Copper	802058	F0599	Repl 1820F 2P Liberty Grid Phase L	201810	\$ 638.09	6.00%	94.00%	599.13	6.5	0.0022333	7.37	16.08
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P Wro3 23rd to 27th									

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380200-Services - Plastic & Copper	801837	F0572	Repl 7145F 2-4-6P Forest to 6th	201811	\$ 37.08	0.06%	99.94%	37.06	4.5	0.0022333	0.37	0.99
380200-Services - Plastic & Copper	801838	F0572	Repl 7915F 2-4-6P West City Ph 2H	201811	\$ 10.43	0.06%	100%	10.43	4.5	0.0022333	0.39	1.04
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4-6P Hagginsville Ph1C	201811	\$ 39.70	3.02%	98.98%	38.50	4.5	0.0022333	0.39	1.03
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201811	\$ 53.78	-1.64%	100%	53.78	4.5	0.0022333	0.54	1.44
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201811	\$ 57.17	-0.11%	100%	57.17	4.5	0.0022333	0.57	1.63
380200-Services - Plastic & Copper	801745	F0604	Repl 9745F 2-4-6P Budd Park Header	201811	\$ 67.36	-0.09%	100%	67.36	4.5	0.0022333	0.67	1.83
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4-6P 55th & Crescent Rd	201811	\$ 75.53	-0.11%	100%	75.53	4.5	0.0022333	0.76	2.03
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201811	\$ 90.55	na	100.00%	90.55	4.5	0.0022333	0.91	2.43
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201811	\$ 131.03	2.30%	97.70%	128.02	4.5	0.0022333	1.29	3.43
380200-Services - Plastic & Copper	801214	F0604	Repl 1235F 2-4P Winner Rd	201811	\$ 131.60	0.96%	99.04%	130.34	4.5	0.0022333	1.31	3.49
380200-Services - Plastic & Copper	801107	F0599	Repl 8895F 2-4-6P Budd Park Ph1F	201811	\$ 137.51	-0.63%	100%	137.61	4.5	0.0022333	1.38	3.69
380200-Services - Plastic & Copper	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201811	\$ 153.69	7.57%	92.43%	142.06	4.5	0.0022333	1.43	3.81
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201811	\$ 161.28	0.15%	98.85%	161.03	4.5	0.0022333	1.62	4.32
380200-Services - Plastic & Copper	801103	F0599	Repl 7322F 2-4P BigBlueBattl Ph-D	201811	\$ 186.96	-0.32%	100%	186.96	4.5	0.0022333	1.88	5.01
380200-Services - Plastic & Copper	800260	F0599	Repl 3600F 2-4P BerryRd Ph3	201811	\$ 417.40	0.04%	98.96%	417.25	4.5	0.0022333	4.19	11.18
380200-Services - Plastic & Copper	800003	F0604	Repl 3111F 2-4-6P Budd Park Phase 1C	201811	\$ 475.59	0.57%	99.43%	472.87	4.5	0.0022333	4.75	12.67
380200-Services - Plastic & Copper	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201811	\$ 594.73	-0.25%	100%	594.73	4.5	0.0022333	5.98	15.94
380200-Services - Plastic & Copper	800970	F0647	Reloc 1975F 2-4P Wornall & 85th Ph2	201811	\$ 610.70	na	100.00%	610.70	4.5	0.0022333	6.14	16.37
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201811	\$ 700.24	-0.45%	100%	700.24	4.5	0.0022333	7.04	18.77
380200-Services - Plastic & Copper	800158	F0599	N Budd Park Cl Grid Phase 1G IUI	201811	\$ 723.47	1.31%	98.69%	713.98	4.5	0.0022333	7.18	19.13
380200-Services - Plastic & Copper	800153	F0599	N Budd Park Cl Grid Repl Phase 1B	201811	\$ 748.49	1.30%	98.70%	738.77	4.5	0.0022333	7.42	19.80
380200-Services - Plastic & Copper	801082	F0647	Reloc 1862F 4-6P PleasantVal Phase3	201811	\$ 749.86	na	100.00%	749.86	4.5	0.0022333	7.54	20.10
380200-Services - Plastic & Copper	801785	F0599	Repl 4850F 8P 19th, Flora, 24th, Ter	201811	\$ 961.21	0.00%	100%	961.21	4.5	0.0022333	9.66	25.76
380200-Services - Plastic & Copper	800344	F0578	Reloc 1445F 4P Ward Rd & 163rd	201811	\$ 1,163.13	0.19%	100.00%	1,163.13	na	0.0022333	11.69	31.17
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201811	\$ 1,272.56	0.14%	98.86%	1,270.96	4.5	0.0022333	12.77	34.06
380200-Services - Plastic & Copper	801527	F072	Repl 1885F 2-4P McConnell Av to 7th	201811	\$ 1,475.80	0.10%	99.90%	1,474.27	4.5	0.0022333	14.82	39.51
380200-Services - Plastic & Copper	800613	F072	Repl w 2490F 2-4P Marionville Ph F	201811	\$ 1,750.44	-6.15%	100%	1,750.44	4.5	0.0022333	17.59	46.91
380200-Services - Plastic & Copper	801428	F0604	Repl 1530F 2-4P S Pearl & E Angus	201811	\$ 1,803.16	-1.59%	100%	1,803.16	4.5	0.0022333	18.12	48.32
380200-Services - Plastic & Copper	801023	F0599	Repl 7600F 2-4P Budd Park Phase 2F	201811	\$ 2,079.56	-0.09%	100%	2,079.56	4.5	0.0022333	20.74	55.25
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201811	\$ 2,098.09	0.92%	99.08%	2,078.84	4.5	0.0022333	20.89	55.71
380200-Services - Plastic & Copper	801873	F072	Repl 2175F 2-4P CP at Canterbury	201811	\$ 2,668.39	-1.56%	100%	2,668.39	4.5	0.0022333	26.82	71.51
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201811	\$ 2,916.35	1.10%	98.90%	2,894.38	4.5	0.0022333	29.29	77.40
380200-Services - Plastic & Copper	800044	F0599	Repl w 2500F 2P St Joe South 2H	201811	\$ 2,921.01	0.09%	100%	2,921.01	4.5	0.0022333	29.39	78.37
380200-Services - Plastic & Copper	800126	F0599	Repl 3260F 2-4P Liberty Phase 1	201811	\$ 3,303.54	0.55%	100%	3,303.54	4.5	0.0022333	33.20	88.63
380200-Services - Plastic & Copper	800163	F0599	Repl 1840F 4P 24th and Denver AOR	201811	\$ 3,841.14	0.00%	100%	3,841.14	4.5	0.0022333	38.60	102.94
380200-Services - Plastic & Copper	801806	F072	Repl 5080F 4-6P Wl 19th, 20th, JL, LN	201811	\$ 5,223.97	-0.17%	100%	5,223.97	4.5	0.0022333	52.50	140.00
380200-Services - Plastic & Copper	800672	F072	Repl 5290F 2P Neosho Phase L	201811	\$ 6,625.55	-0.34%	100%	6,625.55	4.5	0.0022333	66.59	177.58
380200-Services - Plastic & Copper	800320	F072	Repl w 2935F 2-4P Webb City Ph2F	201811	\$ 6,687.41	0.63%	99.8%	6,687.41	4.5	0.0022333	67.21	229.62
380200-Services - Plastic & Copper	800281	F072	Repl w 3357F 2-4P WebbCity Phase 2F	201811	\$ 8,697.78	-0.80%	100%	8,697.78	4.5	0.0022333	87.41	233.10
380200-Services - Plastic & Copper	800242	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201811	\$ 9,283.64	0.69%	98.38%	9,286.41	4.5	0.0022333	92.73	247.27
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-6P WalnutNolandCrane	201811	\$ 10,246.59	0.17%	99.83%	10,229.13	4.5	0.0022333	102.80	274.14
380200-Services - Plastic & Copper	800681	F0599	Repl 5275F 2-4P 55th to Cleveland	201811	\$ 10,191.71	0.09%	100%	10,191.71	4.5	0.0022333	102.83	282.53
380200-Services - Plastic & Copper	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201811	\$ 44,223.15	0.00%	100%	44,223.15	4.5	0.0022333	444.44	1,185.18
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue Ph F, 1C	201812	\$ (100,605.22)	-0.55%	100%	(100,605.22)	3.5	0.0022333	(856.75)	(2,537.42)
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201812	\$ (69,349.25)	0.27%	99.73%	(69,349.25)	3.5	0.0022333	(542.08)	(1,858.56)
380200-Services - Plastic & Copper	801101	F0599	Repl 7525F 2P Big Blue Battl Phase 1B	201812	\$ (36,047.83)	-0.83%	100%	(36,047.83)	3.5	0.0022333	(281.77)	(966.08)
380200-Services - Plastic & Copper	800502	F0599	Repl w 6985F 2-4-6P 55th & 5th	201812	\$ (21,745.23)	-0.99%	100%	(21,745.23)	3.5	0.0022333	(242.11)	(826.66)
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201812	\$ (26,590.44)	1.47%	98.53%	(26,200.30)	3.5	0.0022333	(204.80)	(702.17)
380200-Services - Plastic & Copper	801103	F0599	Repl 7320F 2-4P BigBlueBattl Ph-D	201812	\$ (24,161.18)	-0.32%	100%	(24,161.18)	3.5	0.0022333	(188.86)	(647.52)
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Park Ph 7-1E	201812	\$ (21,546.65)	-0.59%	100%	(21,546.65)	3.5	0.0022333	(168.42)	(577.45)
380200-Services - Plastic & Copper	800798	F0599	Repl 7652F 2-4P Dunn Park Phase 1H	201812	\$ (18,680.59)	0.53%	99.47%	(18,582.12)	3.5	0.0022333	(145.25)	(498.00)
380200-Services - Plastic & Copper	800899	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201812	\$ (15,209.26)	0.63%	99.8%	(15,199.61)	3.5	0.0022333	(119.12)	(405.61)
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201812	\$ (18,123.01)	na	100.00%	(18,123.01)	3.5	0.0022333	(65.49)	(217.70)
380200-Services - Plastic & Copper	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201812	\$ (11,101.89)	0.00%	100%	(11,101.89)	3.5	0.0022333	(86.11)	(293.53)
380200-Services - Plastic & Copper	801868	F0599	Repl 8500F 2P 26th, Ter & Oakley, -CJ	201812	\$ (968.35)	0.00%	100%	(968.35)	3.5	0.0022333	(7.49)	(25.68)
380200-Services - Plastic & Copper	801527	F072	Reloc 3735F 2-4P 2nd - 15th Phase3	201812	\$ (693.23)	na	100.00%	(693.23)	3.5	0.0022333	(5.37)	(17.67)
380200-Services - Plastic & Copper	800970	F0647	Reloc 1975F 2-4P Wornall & 85th Ph8	201812	\$ (607.08)	na	100.00%	(607.08)	3.5	0.0022333	(4.75)	(16.27)
380200-Services - Plastic & Copper	800158	F0599	N Budd Park Cl Repl Phase 1G IUI	201812	\$ (215.32)	1.31%	98.69%	(212.49)	3.5	0.0022333	(1.66)	(5.69)
380200-Services - Plastic & Copper	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201812	\$ (49.30)	7.57%	92.43%	(45.57)	3.5	0.0022333	(0.36)	(1.22)
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4-6P 55th & Crescent Rd	201812	\$ (42.49)	-0.11%	100%	(42.49)	3.5	0.0022333	(0.33)	(1.14)
380200-Services - Plastic & Copper	801837	F0572	Repl w 2935F 2-4P Webb City Ph2F	201812	\$ (42.49)	0.12%	99.8%	(42.49)	3.5	0.0022333	(0.33)	(1.14)
380200-Services - Plastic & Copper	801806	F072	Repl 5080F 4-6P Wl 19th, 20th, JL, LN	201812	\$ (8.40)	-0.17%	100%	(8.40)	3.5	0.0022333	(0.07)	(0.23)
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201812	\$ (7.28)	0.14%	98.86%	(7.27)	3.5	0.0022333	(0.06)	(0.19)
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201812	\$ (3.71)	4.31%	96.69%	(3.55)	3.5	0.0022333	(0.03)	(0.10)
380200-Services - Plastic & Copper	800681	F0599	Repl 5275F 2-4P 55th to Cleveland	201812	\$ (1.26)	0.09%	100%	(1.26)	3.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201812	\$ (1.11)	3.30%	97.70%	(1.08)	3.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201812	\$ (0.64)	-1.64%	100%	(0.64)	3.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3									

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Additions Jul18 - Jan19
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	Account Depr	Depr Expense
380200-Services - Plastic & Copper	801172	F0599	Repl 1450F 2-4P Walnut-St 1st/51 St	201812	\$ 1,784.78	1.04%	98.96%	1,768.28	3.5	0.0022333	13.81	47.34
380200-Services - Plastic & Copper	801207	F0599	Repl 4717F 2-4P Budd Park Phase 2G	201812	\$ 1,837.23	0.39%	98.62%	1,818.27	3.5	0.0022333	14.23	48.73
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201812	\$ 1,848.02	1.17%	98.83%	1,826.44	3.5	0.0022333	14.28	48.85
380200-Services - Plastic & Copper	8010149	F0604	Repl 10159F 2-4P Windsor BS Phase 7	201812	\$ 2,366.75	0.13%	99.87%	2,363.79	3.5	0.0022333	18.48	63.35
380200-Services - Plastic & Copper	8010244	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201812	\$ 2,873.33	na	100.00%	2,873.33	3.5	0.0022333	22.47	77.03
380200-Services - Plastic & Copper	8011079	F0599	Repl 5234F 2-4P 55th to Cleveland	201812	\$ 2,221.62	0.20%	99.21%	2,215.16	3.5	0.0022333	20.21	66.43
380200-Services - Plastic & Copper	801108	F0599	Repl 5635F 6P BioBlueBattfield1G	201812	\$ 5,864.60	0.00%	100%	5,864.60	3.5	0.0022333	45.84	157.17
380200-Services - Plastic & Copper	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201812	\$ 6,003.06	0.87%	99.13%	5,951.07	3.5	0.0022333	46.52	159.49
380200-Services - Plastic & Copper	802198	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201812	\$ 6,003.06	-1.84%	100%	6,000.78	3.5	0.0022333	47.37	162.43
380200-Services - Plastic & Copper	801980	F0604	Repl 5070F 2P Mayes Rd W of Rl 24	201812	\$ 7,850.93	-0.32%	100%	7,850.93	3.5	0.0022333	61.37	210.40
380200-Services - Plastic & Copper	802023	F0604	Repl 4717F 2P Botton Phase 1D	201901	\$ (3,014.60)	1.10%	98.90%	(2,981.55)	2.5	0.0022333	(15.85)	(78.91)
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201812	\$ 18,474.77	0.15%	99.85%	18,176.23	3.5	0.0022333	146.30	501.60
380200-Services - Plastic & Copper	800640	F0604	Repl w 5715F 2-4P E Downtown Phase 3	201812	\$ 21,777.90	0.79%	99.21%	21,608.88	3.5	0.0022333	168.89	579.06
380200-Services - Plastic & Copper	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201812	\$ 62,842.28	2.51%	97.49%	61,267.82	3.5	0.0022333	478.91	1,641.98
380200-Services - Plastic & Copper	801089	F0599	Repl 5415F 2-4P Big Blue BF Ph 1A	201812	\$ 7,771.22	0.00%	100%	7,771.22	3.5	0.0022333	60.24	202.68
380200-Services - Plastic & Copper	802057	F0604	Reloc 531F 2-4P 5th & Grant/Carriage	201901	\$ (12,588.87)	na	100.00%	(12,588.87)	2.5	0.0022333	(78.80)	(344.62)
380200-Services - Plastic & Copper	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201901	\$ (5,099.35)	0.28%	99.72%	(5,084.85)	2.5	0.0022333	(28.35)	(136.27)
380200-Services - Plastic & Copper	801647	F0604	Repl 5309F 2-4P Norborne MO Phase 1	201901	\$ (4,358.93)	2.30%	97.70%	(4,258.74)	2.5	0.0022333	(23.78)	(114.13)
380200-Services - Plastic & Copper	800640	F0604	Repl w 5715F 2-4P E Downtown Phase 3	201901	\$ (3,088.50)	0.79%	99.21%	(3,064.24)	2.5	0.0022333	(17.11)	(82.12)
380200-Services - Plastic & Copper	802004	F0604	Repl 4717F 2P Botton Phase 1D	201901	\$ (3,014.60)	1.10%	98.90%	(2,981.55)	2.5	0.0022333	(15.85)	(78.91)
380200-Services - Plastic & Copper	802238	F0578	Reloc 150F 4P Main at Stone	201901	\$ (2,799.39)	na	100.00%	(2,799.39)	2.5	0.0022333	(15.63)	(75.02)
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph 1F	201901	\$ (2,668.75)	-0.63%	100%	(2,668.75)	2.5	0.0022333	(14.90)	(71.52)
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201901	\$ (1,882.40)	0.29%	99.71%	(1,876.92)	2.5	0.0022333	(10.48)	(50.30)
380200-Services - Plastic & Copper	801307	F0599	Repl 9740F 2P Windsor PhaseM Miller	201901	\$ (1,441.45)	0.92%	99.09%	(1,429.65)	2.5	0.0022333	(9.25)	(48.64)
380200-Services - Plastic & Copper	801082	F0547	Reloc 1852F 4-6P PleasantVal Phase3	201901	\$ (1,008.27)	na	100.00%	(1,008.27)	2.5	0.0022333	(6.53)	(32.02)
380200-Services - Plastic & Copper	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201901	\$ (587.86)	0.00%	100%	(587.86)	2.5	0.0022333	(3.28)	(15.75)
380200-Services - Plastic & Copper	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201901	\$ (351.27)	2.51%	97.49%	(342.47)	2.5	0.0022333	(1.91)	(9.18)
380200-Services - Plastic & Copper	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201901	\$ (158.68)	0.87%	99.13%	(157.31)	2.5	0.0022333	(0.88)	(4.22)
380200-Services - Plastic & Copper	801177	F0604	Repl 9802F 2-4P Windsor MO Phase 2	201901	\$ (134.18)	1.21%	98.79%	(132.09)	2.5	0.0022333	(0.75)	(3.55)
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-St 1st/51 St	201901	\$ (92.82)	1.04%	98.96%	(91.86)	2.5	0.0022333	(0.51)	(2.40)
380200-Services - Plastic & Copper	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph 1D	201901	\$ (71.14)	-0.32%	100%	(71.14)	2.5	0.0022333	(0.40)	(1.91)
380200-Services - Plastic & Copper	801546	F0604	Repl 3702F 2-4P Windsor Ph 1 Miller	201901	\$ (69.05)	-1.19%	100%	(69.05)	2.5	0.0022333	(0.39)	(1.86)
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201901	\$ (37.86)	0.92%	99.09%	(37.71)	2.5	0.0022333	(0.21)	(1.04)
380200-Services - Plastic & Copper	800502	F0599	Repl w 5852F 2-4-6P 53rd & 55th St	201901	\$ (32.76)	0.69%	98.83%	(32.76)	2.5	0.0022333	(0.18)	(0.88)
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201901	\$ (27.76)	1.17%	98.83%	(27.44)	2.5	0.0022333	(0.15)	(0.74)
380200-Services - Plastic & Copper	800467	F0599	Rel w 50F 6P 54th Terrace AOR	201901	\$ (21.16)	0.00%	100%	(21.16)	2.5	0.0022333	(0.12)	(0.57)
380200-Services - Plastic & Copper	801979	F0599	Repl 5275F 2-4P E 55th to Cleveland	201901	\$ (16.22)	0.00%	100%	(16.22)	2.5	0.0022333	(0.09)	(0.43)
380200-Services - Plastic & Copper	802004	F0604	Repl 4717F 2P Botton Phase 1D	201901	\$ (13.58)	1.10%	98.90%	(13.58)	2.5	0.0022333	(0.08)	(0.36)
380200-Services - Plastic & Copper	802144	F072	Repl 1815F 4P Newman Bw AA & Irwin	201901	\$ (13.58)	0.00%	100%	(13.58)	2.5	0.0022333	(0.08)	(0.36)
380200-Services - Plastic & Copper	800501	F0599	Repl w 4890F 2P 63rd & 55th	201901	\$ (11.80)	0.27%	99.73%	(11.77)	2.5	0.0022333	(0.07)	(0.32)
380200-Services - Plastic & Copper	802153	F0604	Reloc 1434F 2-4P Storm Improv 17th	201901	\$ (11.26)	na	100.00%	(11.26)	2.5	0.0022333	(0.06)	(0.30)
380200-Services - Plastic & Copper	801307	F0599	Repl 14655F 2-4P Wornall 23rd to 27th St	201901	\$ (10.04)	-0.45%	100%	(10.04)	2.5	0.0022333	(0.05)	(0.21)
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4P Wornall 85th Phs	201901	\$ (7.96)	0.21%	99.80%	(7.96)	2.5	0.0022333	(0.04)	(0.21)
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201901	\$ (7.92)	2.73%	97.27%	(7.70)	2.5	0.0022333	(0.04)	(0.21)
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201901	\$ (6.41)	0.15%	99.85%	(6.40)	2.5	0.0022333	(0.04)	(0.17)
380200-Services - Plastic & Copper	801101	F0599	Repl 7528F 2P Big Blue Battle Ph 1B	201901	\$ (5.53)	-0.83%	100%	(5.53)	2.5	0.0022333	(0.03)	(0.15)
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph 1F	201901	\$ (4.57)	-0.20%	100%	(4.57)	2.5	0.0022333	(0.02)	(0.12)
380200-Services - Plastic & Copper	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201901	\$ (4.55)	na	100.00%	(4.55)	2.5	0.0022333	(0.03)	(0.12)
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201901	\$ (3.57)	-0.55%	100%	(3.57)	2.5	0.0022333	(0.02)	(0.09)
380200-Services - Plastic & Copper	801708	F0599	Repl 3520F 2P 84th Bellevue/Summit	201901	\$ (3.20)	0.00%	100%	(3.20)	2.5	0.0022333	(0.02)	(0.09)
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2	201901	\$ (2.85)	-0.89%	100%	(2.85)	2.5	0.0022333	(0.02)	(0.09)
380200-Services - Plastic & Copper	802004	F0604	Repl 5311F 2-4P Botton Phase 1D	201901	\$ (2.85)	1.10%	98.90%	(2.85)	2.5	0.0022333	(0.02)	(0.09)
380200-Services - Plastic & Copper	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph 2	201901	\$ (2.45)	na	100.00%	(2.45)	2.5	0.0022333	(0.01)	(0.07)
380200-Services - Plastic & Copper	801709	F0599	Repl 1430F 4P 58th - Indiana/Kansas	201901	\$ (2.34)	0.00%	100%	(2.34)	2.5	0.0022333	(0.01)	(0.06)
380200-Services - Plastic & Copper	800441	F0599	KC-39th & State Line East Iron PhA	201901	\$ (1.54)	-0.08%	100%	(1.54)	2.5	0.0022333	(0.01)	(0.04)
380200-Services - Plastic & Copper	801243	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201901	\$ (1.42)	1.02%	99.51%	(1.42)	2.5	0.0022333	(0.01)	(0.04)
380200-Services - Plastic & Copper	801361	F0547	Reloc 370F 2P Bennington Widening	201901	\$ (1.28)	na	100.00%	(1.28)	2.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201901	\$ (1.20)	3.02%	96.98%	(1.18)	2.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	800961	F0599	Repl 5687F 2-4-6P Liberty Phase O	201901	\$ (1.18)	7.57%	92.43%	(1.09)	2.5	0.0022333	(0.01)	(0.03)
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4P WalnutNolanandCrane	201901	\$ (0.70)	0.17%	99.83%	(0.70)	2.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800929	F0599	Repl 4844F 2P Botton Ph	201901	\$ (0.46)	0.80%	98.84%	(0.46)	2.5	0.0022333	(0.01)	(0.02)
380200-Services - Plastic & Copper	800029	F0599	AOR - 2601 Smart Ave	201901	\$ (0.47)	0.00%	100%	(0.47)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800227	F0599	Valentine and Terrace St Replacemen	201901	\$ (0.46)	1.20%	98.80%	(0.45)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201901	\$ (0.46)	0.00%	100%	(0.46)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801305	F0599	Repl 1450F 2-4P Walnut-St 1st/51 St	201901	\$ (0.27)	0.00%	100%	(0.27)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	801088	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201901	\$ (0.27)	0.00%	100%	(0.27)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800286	F0604	Repl w 1251F 2-4P Carrollton Ph 1	201901	\$ (0.27)	0.14%	99.86%	(0.27)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201901	\$ (0.25)	-0.21%	100%	(0.25)	2.5	0.0022333	(0.01)	(0.01)
380200-Services - Plastic & Copper	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201901	\$ (0.17)							

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions Jul18 - Jan19
 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		Revised Addition		Months	Depr Mo Rate	Accum Depr	Depr Expense
						Result	Adjustment	Amount					
380200-Services - Plastic & Copper	801308	F1699	Repl 4815F 2-4P Budd Park Phase 2H	201901	\$ 49,283.80	0.61%	99.39%	48,980.91	2.5	0.0022333	273.48	1,312.89	
380200-Services - Plastic & Copper	801643	F1604	Repl 11545F 4-SP Hogsneville PH1A	201901	\$ 76,478.84	0.00%	100%	76,478.84	2.5	0.0022333	427.01	2,049.63	
Total Services Plastic and Copper						280,215.73			366,941.94			2,626.70	2,512.08
Total Services						229,742.01			297,079.85			1,865.74	1,175.77
TOTAL						40,799,184.88			40,529,480.99			279,499.07	718,023.07

48,648,991.90

46,825,092.59

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 Addition Amount	Months	Depr Mo Rate	Accum Depr	Depr Expense	
Mains Cathodic 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)	(0.26)
378100-Mains - Steel	D	017435	F1194	Ground Bed Replace -Greenfield(SW)	201807	(10.23)	100%	(10.23)	8.5	0.0014833	(0.13)	(0.18)
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)	(0.32)
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
378100-Mains - Steel	D	025256	F0503	Install anode bed - Liberty, MO	201901	10,828.52	100%	10,828.52	2.5	0.0014833	40.16	192.75
378100-Mains - Steel	D	024453	F1194	Repl ground bed 9th & Davis	201901	11,199.47	100%	11,199.47	2.5	0.0014833	41.53	199.35
378100-Mains - Steel	D	024413	F1194	Install new rectifier - Main St	201901	17,715.93	100%	17,715.93	2.5	0.0014833	65.70	315.34
Total Mains Cathodic Protection						79,871.35		79,871.35		472.11	1,421.70	
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	201911	7,468.43	100%	7,468.43	4.5	0.0014833	49.85	132.94
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201812	1,913.21	100%	1,913.21	3.5	0.0014833	9.93	34.06
376200-Mains - Cast Iron	C	003969	F0524	BWO-Encapsulation Cast Iron Joints	201901	(248.40)	100%	(248.40)	2.5	0.0014833	(0.92)	(4.42)
Total Main Leak Clamps						128,527.45		128,527.45		1,244.91	2,287.79	
Measuring and Regulator Station Equipment												
378000-Meas & Reg Station Equipment	E	015654	F1191	Rebuild regulator #29	201807	4,397.32	100%	4,397.32	8.5	0.0023833	89.08	125.76
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)
378000-Meas & Reg Station Equipment	E	015653	F1191	Replace regulator on DRS #11	201901	5,072.72	100%	5,072.72	2.5	0.0023833	30.22	148.08
378000-Meas & Reg Station Equipment	E	020413	F0741	Rebuild Higginsville DRS #2	201901	40,460.56	100%	40,460.56	2.5	0.0023833	241.08	1,157.17
Total Measuring and Regulator Station Equipment						49,886.31		49,886.31		359.65	1,426.75	
Mains - Replacements												
378100-Mains - Steel	B	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201807	57.04	42.42%	24.20	8.5	0.0014833	0.31	0.43
378100-Mains - Steel	B	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201808	(30.82)	42.42%	(13.12)	7.5	0.0014833	(0.15)	(0.23)
378100-Mains - Steel	B	003838	F0636	Mayfair Ph2 Repl CS w 8000'-20in TF	201809	3.12	42.42%	1.32	6.5	0.0014833	0.01	0.02
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201807	32,363.99	42.42%	13,730.18	8.5	0.0014833	173.11	244.40
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201807	12,632.66	42.42%	5,359.31	8.5	0.0014833	67.57	95.40
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201807	102.80	42.42%	43.61	8.5	0.0014833	0.55	0.78
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201808	8,978.02	42.42%	3,808.86	7.5	0.0014833	42.37	67.80
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201808	(3,103.62)	42.42%	(1,316.69)	7.5	0.0014833	(14.65)	(23.44)
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201808	19,368.32	42.42%	8,216.86	7.5	0.0014833	91.41	146.26
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201809	4,889.96	42.42%	2,074.53	6.5	0.0014833	20.00	36.93
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201809	(713.21)	42.42%	(302.57)	6.5	0.0014833	(2.82)	(5.39)
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201809	(1,262.76)	42.42%	(532.72)	6.5	0.0014833	(5.17)	(9.54)
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201810	174.22	42.42%	73.91	5.5	0.0014833	0.60	1.32
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201810	3,810.57	42.42%	1,616.61	5.5	0.0014833	13.19	28.78
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201810	68,676.50	42.42%	29,135.48	5.5	0.0014833	237.70	518.61
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201811	20.65	42.42%	8.76	4.5	0.0014833	0.06	0.16
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201811	44.96	42.42%	19.07	4.5	0.0014833	0.13	0.34
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201911	23,942.90	42.42%	10,157.89	4.5	0.0014833	67.80	180.80
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201812	46.28	42.42%	19.63	3.5	0.0014833	0.10	0.35
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201812	6,726.85	42.42%	2,853.82	3.5	0.0014833	14.82	50.80
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201812	28,941.13	42.42%	12,278.06	3.5	0.0014833	63.74	218.55
378100-Mains - Steel	B	007054	F0604	BWO Mains Installed Mtcce-Southwest	201901	8,101.87	42.42%	3,437.16	2.5	0.0014833	12.75	61.18
378100-Mains - Steel	B	007053	F0604	BWO Mains Installed Mtcce -South Reg	201901	9,888.59	42.42%	4,195.16	2.5	0.0014833	15.56	74.67
378100-Mains - Steel	B	007052	F0599	BWO Main Installed Mtcce-North Reg	201901	32,851.14	42.42%	13,936.85	2.5	0.0014833	51.68	248.08
Total Main Replacements						256,511.06		108,822.87		850.57	1,937.06	
Service Line Replacements - Steel												
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201807	2,898.70	80.82%	2,181.22	8.5	0.0022333	41.41	58.46
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201807	66.40	80.82%	53.67	8.5	0.0022333	1.02	1.44
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201807	6,126.62	80.82%	4,951.82	8.5	0.0022333	94.00	132.71
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201808	(4,764.19)	80.82%	(3,850.64)	7.5	0.0022333	(64.50)	(103.20)
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201808	3,313.40	80.82%	2,678.05	7.5	0.0022333	44.86	71.77
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201808	4,242.60	80.82%	3,429.07	7.5	0.0022333	57.44	91.90
380100-Services - Steel	A	009217	F0608	BWO-Replace Svc w/ Steel (North)	201809	347.47	80.82%	280.84	6.5	0.0022333	4.08	7.53
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201809	8,167.30	80.82%	6,601.20	6.5	0.0022333	85.83	176.91
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201809	4,243.77	80.82%	3,430.02	6.5	0.0022333	49.78	91.82
380100-Services - Steel	A	009218	F0513	BWO-Replace Svc w/ Steel (South)	201810	2.50	80.82%	2.02	5.5	0.0022333	0.02	0.05
380100-Services - Steel	A	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201810	4,019.13	8					

Spire Missouri West
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 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
380200-Services - Plastic & Copper	A	004153	F0513	BWO-Rep'l Svc w/ Pts (South Reg)	201809	37,763.89	80.82%	30,522.57	6.5	0.0022333	443.09	818.00
380200-Services - Plastic & Copper	A	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201809	(239.74)	80.82%	(183.77)	6.5	0.0022333	(2.81)	(5.19)
380200-Services - Plastic & Copper	A	004416	F0561	BWO-REPLACE SERVICE	201809	606.82	80.82%	490.46	6.5	0.0022333	7.12	13.14
380200-Services - Plastic & Copper	A	004501	F0659	BWO-Rep'l Svc w/ Pts (SW Reg)	201809	88,319.08	80.82%	71,383.67	6.5	0.0022333	1,036.25	1,913.08
380200-Services - Plastic & Copper	A	004600	F0669	BWO SERVICE LINE REPL MODIFIED BLOC	201809	(3.25)	80.82%	(2.63)	6.5	0.0022333	(0.04)	(0.07)
380200-Services - Plastic & Copper	A	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201809	(5.05)	80.82%	(4.08)	6.5	0.0022333	(0.06)	(0.11)
380200-Services - Plastic & Copper	A	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201809	223.73	80.82%	180.83	6.5	0.0022333	2.63	4.85
380200-Services - Plastic & Copper	A	004153	F0513	BWO-Rep'l Svc w/ Pts (South Reg)	201810	52,453.94	80.82%	42,395.76	5.5	0.0022333	520.76	1,136.20
380200-Services - Plastic & Copper	A	004501	F0659	BWO-Rep'l Svc w/ Pts (SW Reg)	201810	65,998.65	80.82%	53,343.24	5.5	0.0022333	655.23	1,429.60
380200-Services - Plastic & Copper	A	004152	F0608	BWO-Rep'l Svc w/ Pts (North Reg)	201810	699,726.73	80.82%	565,552.33	5.5	0.0022333	6,946.86	15,156.78
380200-Services - Plastic & Copper	A	004501	F0659	BWO-Rep'l Svc w/ Pts (SW Reg)	201811	38,236.81	80.82%	30,904.80	4.5	0.0022333	310.59	828.25
380200-Services - Plastic & Copper	A	004153	F0513	BWO-Rep'l Svc w/ Pts (South Reg)	201811	48,062.19	80.82%	38,846.14	4.5	0.0022333	390.40	1,041.08
380200-Services - Plastic & Copper	A	004152	F0608	BWO-Rep'l Svc w/ Pts (North Reg)	201811	758,345.12	80.82%	612,930.49	4.5	0.0022333	6,159.94	16,426.51
380200-Services - Plastic & Copper	A	004153	F0513	BWO-Rep'l Svc w/ Pts (South Reg)	201812	19,336.95	80.82%	15,629.04	3.5	0.0022333	122.17	418.86
380200-Services - Plastic & Copper	A	004501	F0659	BWO-Rep'l Svc w/ Pts (SW Reg)	201812	34,101.99	80.82%	27,562.36	3.5	0.0022333	215.45	736.67
380200-Services - Plastic & Copper	A	004152	F0608	BWO-Rep'l Svc w/ Pts (North Reg)	201812	34,467.92	80.82%	27,874.77	3.5	0.0022333	217.89	747.04
380200-Services - Plastic & Copper	A	004153	F0513	BWO-Rep'l Svc w/ Pts (South Reg)	201901	34,533.66	80.82%	27,911.74	2.5	0.0022333	155.84	748.03
380200-Services - Plastic & Copper	A	004501	F0659	BWO-Rep'l Svc w/ Pts (SW Reg)	201901	47,689.18	80.82%	38,544.66	2.5	0.0022333	215.21	1,033.00
380200-Services - Plastic & Copper	A	004152	F0608	BWO-Rep'l Svc w/ Pts (North Reg)	201901	608,269.05	80.82%	491,631.89	2.5	0.0022333	2,744.94	13,175.72
Total Services Plastic and Copper						7,289,158.17		5,891,443.30			82,901.47	157,890.45
Total Services						7,335,010.85		5,928,503.61			83,357.44	158,883.66
TOTAL						7,849,807.02		6,295,611.60			86,284.68	165,956.96

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Retirements Jul 18 - Jan 19
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 2-4P Pleasant Val Ph2	F0547	201807	(27,160.30)	8.5	0.0014833	(245.80)	(483.45)
376100-Mains - Steel	801084	Reloc 2794F 6P Pleasant Valley Ph 5	F0547	201807	(15,529.54)	8.5	0.0014833	(136.80)	(276.43)
376100-Mains - Steel	801580	Reloc 1075F 4P 19th & Nonwood	F0578	201807	(644.27)	8.5	0.0014833	(8.12)	(11.47)
376100-Mains - Steel	801733	Reloc 5310F 2-4-6P Crysler&70 MDDOT	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	801191	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	(15,445.76)	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 W/turning	F0547	201809	(699.44)	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)	(70.09)
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 85th&89th	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)	(69.84)
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&S 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)
376100-Mains - Steel	801405	Reloc 2665F 2-4P NW 72nd St - I-29	F0547	201812	(10,163.08)	3.5	0.0014833	(52.76)	(180.90)
376100-Mains - Steel	802044	Reloc 2517F 2-4P Prospect WalnutElm	F0547	201812	(3,633.01)	3.5	0.0014833	(18.86)	(64.67)
376100-Mains - Steel	802057	Reloc 531F 2-4P 5th & GrantCarthage	F0664	201812	(538.14)	3.5	0.0014833	(2.79)	(9.58)
376100-Mains - Steel	802202	Reloc 15F 4P Brnk Street Uprate	F0664	201901	(461.74)	2.5	0.0014833	(1.71)	(6.22)
376100-Mains - Steel	801070	Reloc 250F 2P PBS CLAYCOMO IUI	F0547	201901	(197.23)	2.5	0.0014833	(0.73)	(3.51)
Total Retirements - Main Relocation - Steel					(261,714.65)			(2,552.18)	(4,658.51)
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	801555	Reloc 2730F 2-6P Ward-Tudor Donovan	F0578	201807	(4,054.60)	8.5	0.0014833	(51.12)	(72.17)
376300-Mains - Plastic	800624	Repl w 3970F 2-4-6P 155th E of I-49	F0578	201807	(135.81)	8.5	0.0014833	(1.71)	(2.42)
376300-Mains - Plastic	800957	Reloc 1782F 2-4P 27th-31st Phase 1	F0664	201807	(208.71)	8.5	0.0014833	(2.63)	(3.72)
376300-Mains - Plastic	801556	Reloc 325F 4P 155th & Barat Ave	F0578	201807	(949.84)	8.5	0.0014833	(11.98)	(18.91)
376300-Mains - Plastic	801349	Reloc 297F 4P F2005 Project Joplin	F0664	201808	(10,641.82)	7.5	0.0014833	(118.39)	(189.42)
376300-Mains - Plastic	801381	Reloc 447F 2-4-8 S&P Gene Field	F0547	201808	(113.82)	7.5	0.0014833	(1.27)	(2.03)
376300-Mains - Plastic	800383	Target Marlborough East Ph 2 Reloc	F0547	201808	(1,332.27)	7.5	0.0014833	(14.82)	(23.71)
376300-Mains - Plastic	800470	Reloc 1124F 6P Englewood Phase 1A	F0547	201808	(36,789.82)	7.5	0.0014833	(408.29)	(654.86)
376300-Mains - Plastic	801829	Reloc 300F 2P Moore Drive & Amity	F0547	201808	(4,603.73)	7.5	0.0014833	(51.22)	(81.95)
376300-Mains - Plastic	801136	Reloc 1187F 4P 27th - 22nd Phase 2	F0664	201808	(1,234.44)	7.5	0.0014833	(13.73)	(21.97)
376300-Mains - Plastic	800728	Reloc 2821F 2P Broadway & Zora	F0664	201808	(16,130.52)	7.5	0.0014833	(179.45)	(287.12)
376300-Mains - Plastic	801443	Reloc 863F 4S 4-6P 20th & Murphy	F0664	201808	(5,521.95)	7.5	0.0014833	(61.43)	(98.28)
376300-Mains - Plastic	801579	Reloc 320F 4P N Chatham Sth of 64th	F0547	201809	(470.16)	6.5	0.0014833	(4.53)	(8.37)
376300-Mains - Plastic	801841	Reloc 60F 2P RD Mize	F0578	201809	(12,234.31)	6.5	0.0014833	(117.96)	(217.77)
376300-Mains - Plastic	800526	Rel w 1600F 2-4P Pacific & Sunrise	F0578	201809	(74,709.69)	6.5	0.0014833	(720.32)	(1,329.83)
376300-Mains - Plastic	801293	Reloc 1324F 6P 32nd St Central City	F0664	201809	(2,790.15)	6.5	0.0014833	(26.90)	(49.66)
376300-Mains - Plastic	800385	Rel w 2320F 2P 22nd&23rd St-Wabash	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	(3,679.14)	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	(53.08)	(141.55)
376300-Mains - Plastic	801925	Reloc 1735F 2-4P&S 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)	(7.61)
376300-Mains - Plastic	802057	Reloc 531F 2-4P 5th & GrantCarthage	F0664	201812	(11,680.67)	3.5	0.0014833	(60.64)	(207.92)
376300-Mains - Plastic	801405	Reloc 2665F 2-4P NW 72nd St - I-29	F0547	201812	(1,327.27)	3.5	0.0014833	(6.89)	(23.63)
376300-Mains - Plastic	801958	Reloc 393F 4P Prospect at 35th	F0547	201901	(27,919.37)	2.5	0.0014833	(103.53)	(496.96)
376300-Mains - Plastic	802222	Reloc 150F 6P 12th & Charlotte	F0547	201901	(5,464.76)	2.5	0.0014833	(20.27)	(97.27)
Total Retirements - Main Relocations - Plastic					(294,951.95)			(2,513.46)	(5,250.14)
Total Retirements - Main Relocations					(564,183.91)			(5,138.12)	(10,042.46)
376100-Mains - Steel	800147	Repl w 8372F 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 & 55th	F0599	201807	(649.64)	8.5	0.0014833	(8.19)	(11.56)
376100-Mains - Steel	800924	Aband 992F 4&6C1 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	(14,646.16)	8.5	0.0014833	(184.66)	(260.70)
376100-Mains - Steel	801360	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 38							

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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	800224	Repl w 2710F 20S Hwy291MoRiver Nort	F0599	201809	(27,378.85)	6.5	0.0014833	(263.98)	(487.34)
376100-Mains - Steel	800432	Repl w 11324F 2-4P Marlborough Ph 2	F0599	201809	(10,904.98)	6.5	0.0014833	(106.13)	(194.99)
376100-Mains - Steel	800502	Repl w 5965F 2-4-6P 63rd & 55th St	F0599	201809	(2,599.02)	6.5	0.0014833	(26.06)	(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 1353P 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	(36.36)	(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 Sarcoxie 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)	5.5	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	(13.29)	(28.87)
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)
376100-Mains - Steel	801179	Repl 8770F 2-4-6-12P 59th & Woodson	F0604	201812	(70,220.52)	3.5	0.0014833	(364.56)	(1,249.92)
376100-Mains - Steel	800763	Repl 11571F 2-4 P&S -Concordia Ph F	F0604	201812	(51,999.33)	3.5	0.0014833	(269.96)	(925.59)
376100-Mains - Steel	800867	Repl w 3574F 2-4P Marlborough Ph 4	F0599	201812	(37,862.31)	3.5	0.0014833	(196.57)	(673.95)
376100-Mains - Steel	800661	Repl 5687F 2-4-6P Liberty Phase O	F0599	201812	(21,434.25)	3.5	0.0014833	(111.28)	(381.53)
376100-Mains - Steel	800342	Repl w 6935F 2P St Joe South - 2F	F0599	201812	(19,474.81)	3.5	0.0014833	(101.11)	(346.62)
376100-Mains - Steel	800343	Repl w 8730F 2-4P St Joe South 2G	F0599	201812	(17,524.65)	3.5	0.0014833	(90.98)	(311.94)
376100-Mains - Steel	800344	Repl w 2500F 2P St Joe South 2H	F0599	201812	(11,238.76)	3.5	0.0014833	(58.35)	(200.05)
376100-Mains - Steel	800718	Repl w 22F 4P - Purcell Phase D	F0572	201812	(4,042.02)	3.5	0.0014833	(20.98)	(71.95)
376100-Mains - Steel	801378	Repl 8810F 2-4P Waverly MO Phase 3	F0604	201812	(1,392.70)	3.5	0.0014833	(7.23)	(24.79)
376100-Mains - Steel	801883	Repl 200F 4P 49th & Chelsea	F0599	201812	(953.52)	3.5	0.0014833	(4.95)	(16.97)
376100-Mains - Steel	801295	Repl 380F 2P Willis & Hayward	F0604	201812	(180.02)	3.5	0.0014833	(0.93)	(3.20)
376100-Mains - Steel	800283	Repl 7916F 2-4-6P Webb City Ph 2H	F0572	201901	(26,176.03)	2.5	0.0014833	(97.07)	(465.93)
376100-Mains - Steel	801546	Repl 3705F 2-4P Windsor Ph4 Miller	F0604	201901	(18,526.38)	2.5	0.0014833	(68.70)	(329.77)
376100-Mains - Steel	800640	Repl w 5715F 2-4P E Downtwn Phase 3	F0604	201901	(16,053.64)	2.5	0.0014833	(59.53)	(285.75)
376100-Mains - Steel	801547	Repl 4795F 2P Windsor Phase5 Miller	F0604	201901	(14,783.46)	2.5	0.0014833	(54.12)	(263.14)
376100-Mains - Steel	802025	Repl 7400F 2-4P 33rd & Grand PH 1C	F0604	201901	(14,068.36)	2.5	0.0014833	(52.87)	(250.42)
376100-Mains - Steel	801377	Repl 9880F 2-4P Waverly MO Phase 2	F0604	201901	(13,440.66)	2.5	0.0014833	(49.84)	(239.24)
376100-Mains - Steel	800797	Repl 8070F 2-4P Dunn Park Phase 1G	F0599	201901	(11,410.75)	2.5	0.0014833	(42.31)	(203.11)
376100-Mains - Steel	801647	Repl 5390F 2-4P Norborne MO Phase 1	F0604	201901	(9,214.77)	2.5	0.0014833	(34.17)	(164.02)
376100-Mains - Steel	801570	Repl 5870F 2-4P Forest & Grand	F0604	201901	(7,273.40)	2.5	0.0014833	(26.97)	(129.47)
376100-Mains - Steel	800799	Repl 8320F 2-4P Dunn Park Phase 1H	F0599	201901	(6,538.96)	2.5	0.0014833	(24.25)	(116.39)
376100-Mains - Steel	801548	Repl 3215F 2-4P Windsor Ph 6 Miller	F0604	201901	(5,969.45)	2.5	0.0014833	(21.77)	(104.49)
376100-Mains - Steel	800094	Repl 4717F 2P Belton Phase 1D	F0604	201901	(5,254.19)	2.5	0.0014833	(19.49)	(93.52)
376100-Mains - Steel	801708	Repl 3920F 2P 84th Bellevue/Summit	F0599	201901	(4,118.02)	2.5	0.0014833	(15.27)	(73.30)
376100-Mains - Steel	802171	Repl 3020F 2-4P 702 S F Hwy Exposed	F0599	201901	(3,624.39)	2.5	0.0014833	(13.44)	(64.51)
376100-Mains - Steel	800287	Repl w 1183F 2-4-6P Webb City Ph 2I	F0572	201901	(2,771.13)	2.5	0.0014833	(10.28)	(49.33)
376100-Mains - Steel	800798	Repl 7525F 2-4P Dunn Park Phase 1H	F0599	201901	(2,616.18)	2.5	0.0014833	(9.70)	(46.57)
376100-Mains - Steel	802026	Repl 1305F 2-4P 33rd & Grand PH 1D	F0604	201901	(2,242.19)	2.5	0.0014833	(8.31)	(39.91)
376100-Mains - Steel	801103	Repl 7332F 2-4P BigBlueBattle Ph-1D	F0599	201901	(1,340.94)	2.5	0.0014833	(4.97)	(23.87)
376100-Mains - Steel	801576	Repl 2140F 2-4P Willow S of Truman	F0604	201901	(1,124.49)	2.5	0.0014833	(4.17)	(20.02)
376100-Mains - Steel	801673	Repl 530F 2P William Jewell College	F0599	201901	(539.14)	2.5	0.0014833	(2.00)	(9.60)
Total Retirements - Main Replacements - Steel					(1,108,859.91)			(9,521.46)	(19,737.64)
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	(559.06)	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	(107.78)	(198.99)
376200-Mains - Cast Iron	800827	Repl 40F 4P AOR 2026 48th Ter	F0599	201809	(6,244.19)	6.5	0.0014833	(60.95)	(109.92)
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)	(299.96)
376200-Mains - Cast Iron	800971	Repl 2143F 2P Wornall & 85th	F0599	201809	(7,503.93)	6.5	0.0014833	(72.35)	(133.57)
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 6							

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Retirements Jul 18 - Jan 19
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
376300-Mains - Plastic	801378	Repl 8810F 2-4P Waverly MO Phase 3	F0604	201807	(339.69)	8.5	0.00148333	(4.28)	(6.05)
376300-Mains - Plastic	801529	Repl 2180F 2-4P Empire 5th to 8th	F0572	201807	(4,869.44)	8.5	0.00148333	(61.40)	(86.87)
376300-Mains - Plastic	801627	Repl 1295F 2-3-4P Leaks on Fairview	F0572	201807	(813.36)	8.5	0.00148333	(10.33)	(14.58)
376300-Mains - Plastic	801712	Repl 1450F 2-4P Walnut-51 Ter/51 St	F0599	201807	(1,872.26)	8.5	0.00148333	(23.61)	(33.33)
376300-Mains - Plastic	801834	Repl 881F 4P 29th & Cleveland AOR	F0599	201807	(285.07)	8.5	0.00148333	(3.59)	(5.07)
376300-Mains - Plastic	801875	Repl 2121F 2-4P Harris Ave & Truman	F0604	201807	(51.63)	8.5	0.00148333	(0.65)	(0.92)
376300-Mains - Plastic	800093	Repl 3111F 2-4-6P Belton Phase 1C	F0604	201808	(21,660.33)	7.5	0.00148333	(240.97)	(385.56)
376300-Mains - Plastic	800280	Repl w/ 2932F 2-4P Webb City Ph2E	F0572	201808	(6,124.48)	7.5	0.00148333	(68.13)	(109.02)
376300-Mains - Plastic	800281	Repl w 3357F 2-4P WebbCity Phase 2F	F0572	201808	(4,394.98)	7.5	0.00148333	(48.89)	(78.23)
376300-Mains - Plastic	800413	Repl w/ 8139F Purcell Ph 1C	F0572	201808	(4,600.08)	7.5	0.00148333	(51.18)	(81.88)
376300-Mains - Plastic	800672	Repl 5280F 2P Neosho Phase 1 L	F0572	201808	(112.26)	7.5	0.00148333	(1.25)	(2.00)
376300-Mains - Plastic	800762	Repl 7093F 2-4P Concordia Phase E	F0604	201808	(5,109.37)	7.5	0.00148333	(56.84)	(90.95)
376300-Mains - Plastic	800940	Repl w 2220F 2P Claremont & 25th	F0604	201808	(7,436.87)	7.5	0.00148333	(82.73)	(132.38)
376300-Mains - Plastic	801220	Repl 11975F 2-4P Sheley & E33rd Ter	F0604	201808	(109,807.94)	7.5	0.00148333	(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	0.00148333	(56.79)	(90.86)
376300-Mains - Plastic	801472	Repl 14655F 2-4P VioS 23rd to 27th	F0604	201808	(28,979.06)	7.5	0.00148333	(322.39)	(515.83)
376300-Mains - Plastic	801909	Repl 4180F 2-4P Pittman and 38th St	F0599	201808	(886.02)	7.5	0.00148333	(9.86)	(15.77)
376300-Mains - Plastic	800128	Repl 1827F 2-4P Liberty Phase J	F0599	201809	(13,869.69)	6.5	0.00148333	(133.73)	(246.88)
376300-Mains - Plastic	800133	Repl 5823F 2P Liberty Grnd Phase K	F0599	201809	(9,096.11)	6.5	0.00148333	(87.70)	(161.91)
376300-Mains - Plastic	800432	Repl w 11324F 2-4P Marlborough Ph 2	F0599	201809	(1,509.81)	6.5	0.00148333	(14.86)	(26.87)
376300-Mains - Plastic	800502	Repl w 5965F 2-4-6P 63rd & 55th St	F0599	201809	(696.29)	6.5	0.00148333	(6.71)	(12.39)
376300-Mains - Plastic	800626	Repl 8693F 2-4-6P 57th & Bales IUI	F0599	201809	(493.60)	6.5	0.00148333	(4.76)	(8.79)
376300-Mains - Plastic	800658	Repl 1820F 2P Liberty Grid Phase L	F0599	201809	(12,398.33)	6.5	0.00148333	(119.54)	(220.69)
376300-Mains - Plastic	800659	Repl 8623F 2-4P Liberty Grid PhaseM	F0599	201809	(7,513.73)	6.5	0.00148333	(72.44)	(133.74)
376300-Mains - Plastic	800756	Repl w 1353F 2P Grandview & 115th	F0599	201809	(766.54)	6.5	0.00148333	(7.39)	(13.64)
376300-Mains - Plastic	800800	Repl w 10745F 2-4P Dunn Park Hwy 71	F0599	201809	(37,498.17)	6.5	0.00148333	(361.54)	(667.47)
376300-Mains - Plastic	800971	Repl 2143F 2P Wornall & 85th	F0599	201809	(4,271.54)	6.5	0.00148333	(41.18)	(76.03)
376300-Mains - Plastic	801101	Repl 7526F 2P Big Blue Battle Ph 1B	F0599	201809	(34,636.11)	6.5	0.00148333	(333.95)	(616.52)
376300-Mains - Plastic	801626	Repl 1592F 2P 40th & Kensington	F0599	201809	(5,654.11)	6.5	0.00148333	(54.51)	(100.64)
376300-Mains - Plastic	801731	Repl 580F 2P Blue Pkwy & Elwyn Rd	F0599	201809	(21,593.93)	6.5	0.00148333	(208.20)	(384.37)
376300-Mains - Plastic	802023	Repl 2895 2-4P 33rd & Grand 1A	F0604	201809	(25.96)	6.5	0.00148333	(0.25)	(0.46)
376300-Mains - Plastic	802024	Repl 5F 4P 33rd & Grand Phase B	F0604	201809	(1,682.74)	6.5	0.00148333	(16.22)	(29.95)
376300-Mains - Plastic	801862	Repl 6550F 2-4-12P E 57th to E 50th	F0604	201810	(12,955.33)	5.5	0.00148333	(105.69)	(230.60)
376300-Mains - Plastic	800613	Repl w 2490F 2-4P Manionville Ph F	F0572	201810	(9,210.14)	5.5	0.00148333	(75.14)	(163.94)
376300-Mains - Plastic	800795	Repl w 8405F 2-4P Dunn Park Wl of 71	F0599	201810	(6,947.38)	5.5	0.00148333	(73.20)	(153.29)
376300-Mains - Plastic	802003	Repl 1510F 2-4P Walnut & Willis	F0604	201810	(6,107.73)	5.5	0.00148333	(70.25)	(153.77)
376300-Mains - Plastic	800639	Repl w 5742F 2-4P East Downtwn Ph 2	F0604	201810	(1,269.17)	5.5	0.00148333	(10.35)	(22.59)
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	(56.48)	(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	(19.33)	(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)
376300-Mains - Plastic	800661	Repl 5687F 2-4-6P Liberty Phase O	F0599	201812	(16,906.39)	3.5	0.00148333	(87.77)	(300.93)
376300-Mains - Plastic	800343	Repl w 8730F 2-4P St Joe South 2G	F0599	201812	(12,033.39)	3.5	0.00148333	(62.47)	(214.19)
376300-Mains - Plastic	800763	Repl 11571F 2-4 P&S -Concordia Ph F	F0604	201812	(5,938.89)	3.5	0.00148333	(30.83)	(105.71)
376300-Mains - Plastic	800867	Repl w 3574F 2-4P Marlborough Ph 4	F0599	201812	(3,091.65)	3.5	0.00148333	(16.05)	(51.02)
376300-Mains - Plastic	801179	Repl 8770F 2-4-6-12P 59th & Woodson	F0604	201812	(2,891.62)	3.5	0.00148333	(14.86)	(45.29)
376300-Mains - Plastic	802154	Repl 205F 4P 33rd & Chestnut AOR	F0599	201812	(678.96)	3.5	0.00148333	(3.52)	(12.09)
376300-Mains - Plastic	800718	Repl w 22F 4P - Purcell Phase D	F0572	201812	(67.27)	3.5	0.00148333	(0.47)	(11.89)
376300-Mains - Plastic	800921	Repl 1448F 2-4P Benton & 55th	F0599	201812	(568.14)	3.5	0.00148333	(2.95)	(10.11)
376300-Mains - Plastic	800342	Repl w/ 6935F 2-2P St Joe South - 2F	F0599	201812	(547.49)	3.5	0.00148333	(2.84)	(9.75)
376300-Mains - Plastic	801295	Repl 380F 2P Willis & Hayward	F0604	201812	(73.16)	3.5	0.00148333	(0.38)	(1.30)
376300-Mains - Plastic	800801	Repl 6360F 2-4P Dunn Prk W of 71 1E	F0599	201901	(44,249.42)	2.5	0.00148333	(164.09)	(787.64)
376300-Mains - Plastic	800283	Repl 7916F 2-4-6P Webb City Ph 2H	F0572	201901	(22,690.90)	2.5	0.00148333	(84.15)	(403.90)
376300-Mains - Plastic	801547	Repl 4795F 2P Windsor Phase5 Miller	F0604	201901	(15,171.85)	2.5	0.00148333	(56.28)	(270.06)
376300-Mains - Plastic	800640	Repl w 5715F 2-4P E Downtwn Phase 3	F0604	201901	(10,547.55)	2.5	0.00148333	(38.11)	(187.75)
376300-Mains - Plastic	800287	Repl w 1183F 2-4-6P Webb City Ph 2I	F0572	201901	(4,695.99)	2.5	0.00148333	(17.41)	(83.59)
376300-Mains - Plastic	801103	Repl 7332F 2-4P BigBlueBattle Ph-1D	F0599	201901	(3,120.78)	2.5	0.00148333	(11.57)	(55.55)
376300-Mains - Plastic	802025	Repl 7400F 2-4P 33rd & Grand PH 1C	F0604	201901	(3,002.99)	2.5	0.00148333	(11.14)	(53.45)
376300-Mains - Plastic	801546	Repl 3705F 2-4P Windsor Ph4 Miller	F0604	201901	(2,914.97)	2.5	0.00148333	(10.81)	(51.89)
376300-Mains - Plastic	800798	Repl 7525F 2-4P Dunn Park Phase 1H	F0599	201901	(2,849.15)	2.5	0.00148333	(10.57)	(50.71)
376300-Mains - Plastic	801570	Repl 5870F 2-4P Forest & Grand	F0604	201901	(2,775.34)	2.5	0.00148333	(10.29)	(49.40)
376300-Mains - Plastic	801377	Repl 9890F 2-4P Waverly MO Phase 2	F0604	201901	(2,613.38)	2.5	0.00148333	(9.69)	(46.52)
376300-Mains - Plastic	800797	Repl 8070F 2-4P Dunn Park Phase 1G	F0599	201901	(2,028.41)	2.5	0.00148333	(6.29)	(36.11)
376300-Mains - Plastic	802032	Repl 360F 2P 33rd & Highland	F0599	201901	(1,897.40)	2.5	0.00148333	(6.29)	(30.21)
376300-Mains - Plastic	802026	Repl 1305F 2-4P 33rd & Grand PH 1D	F0604	201901	(939.76)	2.5	0.00148333	(3.48)	(16.73)
376300-Mains - Plastic	802171	Repl 3020F 2-4P 702 S F Hwy Exposed	F0599	201901	(482.44)	2.5	0.00148333	(1.79)	(8.59)
376300-Mains - Plastic	800094	Repl 4717F 2P Belton Phase 1D	F0604	201901	(466.84)	2.5	0.00148333	(1.73)	(8.31)
376300-Mains - Plastic	801673	Repl 530F 2P William Jewell College	F0599	201901	(282.31)	2.5	0.00148333	(1.05)	(5.03)
376300-Mains - Plastic	801647	Repl 5390F 2-4P Norborne MO Phase 1	F0604	201901	(103.77)	2.5	0.00148333	(0.38)	(1.85)
Total Retirements - Main Replacement - Plastic					(676,371.87)			(6,050.16)	(12,039.42)
					(1,955,049.68)				
Service Line Retirements - Steel									
380100-Services - Steel	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	201807	(16,103.69)	8.5	0.00223333	(305.70)	(431.58)
380100-Services - Steel	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	201807	(155.09)	8.5	0.00223333	(2.94)	(4.16)
380100-Services - Steel	004501	BWO-Repl Svc w/ Pls (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 PhG	F0599	201807	(714.76)	8.5	0.00223333	(13.57)	(19.16

Spire Missouri West
ISRS - Case # GO-2019-0116
ISRS Work Order Retirements Jul 18 - Jan 19
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
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/ 335F 2-4P Webb City 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	(44.98)	(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	(112.69)	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 2P Pittman and 38th St	F0599	201808	(526.62)	7.5	0.00223333	(8.82)	(14.11)
380100-Services - Steel	004152	BWO-Rep Svc w/ Pls (North Reg)	F0608	201809	(13,382.68)	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 8693F 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 1	F0599	201809	(61.49)	6.5	0.00223333	(0.91)	(1.42)
380100-Services - Steel	800900	Repl w/ 10745F 2-4P Dunn Park Hwy 71	F0599	201809	(668.41)	6.5	0.00223333	(9.90)	(17.91)
380100-Services - Steel	800961	Reloc 6883F 2-6P Wornall & 85th Ph 3	F0547	201809	(1,275.81)	6.5	0.00223333	(18.52)	(34.19)
380100-Services - Steel	800966	Reloc 1859F 4-6P Wornall & 85th Ph 4	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-Rep Svc w/ Pls (North Reg)	F0608	201810	(8,306.79)	5.5	0.00223333	(102.03)	(222.62)
380100-Services - Steel	004153	BWO-Rep Svc w/ Pls (South Reg)	F0513	201810	(3,692.91)	5.5	0.00223333	(45.36)	(98.97)
380100-Services - Steel	800586	Rel 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 3225F 2-4-6P Wornall 85th 89th	F0547	201810	(897.31)	5.5	0.00223333	(10.28)	(22.44)
380100-Services - Steel	800795	Repl w/ 6405F 2-4P Dunn Park W of 71	F0599	201810	(626.96)	5.5	0.00223333	(10.16)	(22.10)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201810	(665.77)	5.5	0.00223333	(8.95)	(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 Downtown Ph 2	F0604	201810	(11.77)	5.5	0.00223333	(0.14)	(0.32)
380100-Services - Steel	801323	Repl 2814F 2-4-8P WalnutNolandCrane	F0604	201810	(0.93)	5.5	0.00223333	(0.01)	(0.02)
380100-Services - Steel	801939	Reloc 1822F 4P Mansfield-SW Pkwy/14	F0547	201810	(0.53)	5.5	0.00223333	(0.01)	(0.01)
380100-Services - Steel	004152	BWO-Rep Svc w/ Pls (North Reg)	F0608	201811	(9,444.88)	4.5	0.00223333	(94.92)	(253.12)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201811	(3,676.54)	4.5	0.00223333	(36.95)	(98.53)
380100-Services - Steel	801102	Repl 6019F 2-4P Big Blue BF Ph 1C	F0599	201811	(1,946.59)	4.5	0.00223333	(19.56)	(52.17)
380100-Services - Steel	800501	Repl w/ 4890F 2P 63rd & 55th	F0599	201811	(1,552.80)	4.5	0.00223333	(15.61)	(41.61)
380100-Services - Steel	800282	Repl w/ 3883F 2-4P Webb City Ph 2G	F0572	201811	(615.98)	4.5	0.00223333	(6.19)	(16.51)
380100-Services - Steel	800596	Reloc w/ 9290F 2-4-6P 4th Street	F0664	201811	(112.20)	4.5	0.00223333	(1.13)	(3.01)
380100-Services - Steel	800126	Repl 3260F 2-4P Liberty Phase 1	F0599	201811	(14.41)	4.5	0.00223333	(0.14)	(0.39)
380100-Services - Steel	801300	Repl 3615F 2P Northern & Ralston	F0604	201811	(12.61)	4.5	0.00223333	(0.13)	(0.34)
380100-Services - Steel	004153	BWO-Rep Svc w/ Pls (South Reg)	F0513	201811	(5.39)	4.5	0.00223333	(0.05)	(0.14)
380100-Services - Steel	009222	BWO-Abandon Service (SW Region)	F0659	201811	(1.07)	4.5	0.00223333	(0.01)	(0.03)
380100-Services - Steel	004152	BWO-Rep Svc w/ Pls (North Reg)	F0608	201812	(6,791.00)	3.5	0.00223333	(53.08)	(192.00)
380100-Services - Steel	800661	Repl 5687F 2-4-6P Liberty Phase O	F0599	201812	(757.53)	3.5	0.00223333	(5.92)	(20.30)
380100-Services - Steel	800763	Repl 11571F 2-4 P&S -Concordia Ph F	F0604	201812	(449.31)	3.5	0.00223333	(3.51)	(12.04)
380100-Services - Steel	800702	Repl w/ 4442F 2-4-6-8P Wornall@85th	F0599	201812	(281.40)	3.5	0.00223333	(2.20)	(7.54)
380100-Services - Steel	800867	Repl w/ 3574F 2-4P Marlborough Ph 4	F0599	201812	(191.26)	3.5	0.00223333	(1.50)	(5.13)
380100-Services - Steel	801405	Reloc 2665F 2-4P NW 72nd St - 1-29	F0547	201812	(87.34)	3.5	0.00223333	(0.68)	(2.34)
380100-Services - Steel	800343	Repl w/ 8730F 2-4P St Joe South 2G	F0599	201812	(24.73)	3.5	0.00223333	(0.19)	(0.66)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201812	(23.69)	3.5	0.00223333	(0.19)	(0.63)
380100-Services - Steel	004153	BWO-Rep Svc w/ Pls (South Reg)	F0513	201812	(23.44)	3.5	0.00223333	(0.18)	(0.63)
380100-Services - Steel	801179	Repl 8770F 2-4-6-12P 59th & Woodson	F0604	201812	(18.74)	3.5	0.00223333	(0.15)	(0.50)
380100-Services - Steel	009220	BWO-Abandon Service (North)	F0608	201812	(11.93)	3.5	0.00223333	(0.09)	(0.32)
380100-Services - Steel	800342	Repl w/ 6935F 2-P St Joe South - 2F	F0599	201812	(3.20)	3.5	0.00223333	(0.03)	(0.09)
380100-Services - Steel	004152	BWO-Rep Svc w/ Pls (North Reg)	F0608	201901	(9,745.32)	2.5	0.00223333	(54.41)	(261.17)
380100-Services - Steel	800799	Repl 8320F 2-4P Dunn Park Phase 1I	F0599	201901	(3,743.13)	2.5	0.00223333	(29.90)	(100.32)
380100-Services - Steel	801103	Repl 7322F 2-4P BigBlueBattle Ph-1D	F0599	201901	(3,095.53)	2.5	0.00223333	(17.28)	(62.96)
380100-Services - Steel	800283	Repl 7916F 2-4-6P Webb City Ph 2H	F0572	201901	(1,796.94)	2.5	0.00223333	(10.03)	(48.15)
380100-Services - Steel	800798	Repl 7525F 2-4P Dunn Park Phase 1H	F0599	201901	(1,790.71)	2.5	0.00223333	(8.95)	(47.99)
380100-Services - Steel	800797	Repl 8070F 2-4P Dunn Park Phase 1G	F0599	201901	(1,759.42)	2.5	0.00223333	(8.82)	(47.15)
380100-Services - Steel	800640	Repl w/ 5715F 2-4P E Downtown Phase 3	F0604	201901	(1,129.65)	2.5	0.00223333	(6.31)	(30.27)
380100-Services - Steel	800801	Repl 6360F 2-4P Dunn Prk W of 71 1E	F0599	201901	(920.75)	2.5	0.00223333	(5.14)	(24.68)
380100-Services - Steel	801708	Repl 3920F 2P 84th Bellevue/Summit	F0599	201901	(507.16)	2.5	0.00223333	(2.83)	(13.59)
380100-Services - Steel	802025	Repl 7400F 2-4P 33rd & Grand PH1C	F0604	201901	(326.99)	2.5	0.00223333	(1.83)	(8.76)
380100-Services - Steel	800094	Repl 4717F 2P Belton Phase 1D	F0604	201901	(114.30)	2.5	0.00223333	(0.64)	(3.06)
380100-Services - Steel	801546	Repl 3705F 2-4P Windsor Ph4 Miller	F0604	201901	(102.62)	2.5	0.00223333	(0.57)	(2.75)
380100-Services - Steel	802163	Repl 1840F 4P 24th and Denver AOR	F0599	201901	(80.92)	2.5	0.00223333	(0.45)	(2.17)
380100-Services - Steel	801570	Repl 5870F 2-4P Forest & Grand	F0604	201901	(77.60)	2.5	0.00223333	(0.43)	(2.08)
380100-Services - Steel	009217	BWO-Replace Svc w/ Steel (North)	F0608	201901	(74.03)	2.5	0.00223333	(0.41)	(1.98)
380100-Services - Steel	801647	Repl 5390F 2-4P Norborne MO Phase 1	F0604	201901	(58.85)	2.5	0.00223333	(0.33)	(1.58)
380100-Services - Steel	801548	Repl 3215F 2-4P Windsor Ph 6 Miller	F0604	201901	(30.79)	2.5	0.00223333	(0.17)	(0.83)
380100-Services - Steel	801547	Repl 4795F 2P Windsor Phase5 Miller	F0604	201901	(20.52)	2.5	0.00223333	(0.11)	(0.55)
380100-Services - Steel	004501	BWO-Rep Svc w/ Pls (SW Reg)	F0659	201901	(15.31)	2.5	0.00223333	(0.09)	(0.41)
380100-Services - Steel	801377	Repl 9880F 2-4P Waverly MO Phase 2	F0604	201901	(3.27)	2.5	0.00223333	(0.02)	(0.09)
Total Retirements - Services Steel					(166,826.71)			(2,242.73)	(4,470.94)
Service Line Retirements - Plastic and Copper									
380200-Services - Plastic & Copper	004152	BWO-Rep Svc w/ Pls (North Reg)	F0608	201807	(13,477.15)	8.5	0.00223333	(255.84)	(611.19)
380200-Services - Plastic & Copper	004153	BWO-Rep Svc w/ Pls (South Reg)	F0513	201807	(8,942.83)	8.5	0.00223333	(169.76)	(239.67)
380200-Services - Plastic & Copper	004501	BWO-Rep Svc w/ Pls (SW Reg)	F0659	201807	(1,027.39)	8.5	0.00223333	(19.50)	(27.53)
380200-Services - Plastic & Copper	009219	BWO-Replace Svc w/ Steel (Southwest)	F0659	201807	(572.93)	8.5	0.00223333	(10.88)	(15.35)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201807	(28,606.43)	8.5	0.00223333	(543.04)	(766.65)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201807	(13,599.47)	8.5	0.00223333	(258.16)	(364.47)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201807	(37,285.09)	8.5	0.00223333	(707.41)	(998.70)
380200-Services - Plastic & Copper	800147	Repl w/ 6372F 2-6P 71 & Gregory PhG	F0599	201807	(20,244.32)	8.5	0.00223333	(384.30)	(542.55)
380200-Services - Plastic & Copper	800149	Repl w/ 4561F 2-6P Hwy 71&Gregory-I							

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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
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	801128	Repl 2180F 2-4P Empire 5th to 8th	F0672	201807	(5,391.45)	8.5	0.0022333	(102.35)	(144.49)
380200-Services - Plastic & Copper	801580	Reloc 1075F 4P 19th & Norwood	F0578	201807	(2,436.02)	8.5	0.0022333	(27.48)	(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 Cryster/70 MODOOT	F0578	201807	(8,731.26)	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&4S 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)	(157.06)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	201808	(7,871.85)	7.5	0.0022333	(131.85)	(210.97)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	201808	(420.58)	7.5	0.0022333	(7.04)	(11.27)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ Pls (SW Reg)	F0659	201808	(593.49)	7.5	0.0022333	(9.94)	(15.91)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201808	(26,886.88)	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	800093	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)	(114.26)
380200-Services - Plastic & Copper	800281	Repl w 3357F 2-4P WebbCity Phase 2F	F0572	201808	(72,439.35)	7.5	0.0022333	(1,213.88)	(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 Sheley & 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 VioS 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 23rd & S McCoy Ave	F0572	201808	(2,892.13)	7.5	0.0022333	(48.44)	(77.11)
380200-Services - Plastic & Copper	801844	Reloc 7700F 2P 63rd & Baltimore	F0599	201808	(3,392.82)	7.5	0.0022333	(54.11)	(84.11)
380200-Services - Plastic & Copper	801902	Reloc 110F 4P 42nd St Trinity Woods	F0578	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	(2,977.25)	7.5	0.0022333	(49.87)	(79.79)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	201809	(23,268.92)	6.5	0.0022333	(337.79)	(623.61)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	201809	(4,483.65)	6.5	0.0022333	(65.09)	(120.16)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ Pls (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)	(388.77)
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 IUI	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	800659	Repl 1820F 2P Liberty Grd Phase L	F0599	201809	(6,539.05)	6.5	0.0022333	(94.93)	(153.46)
380200-Services - Plastic & Copper	800659	Repl 8623F 2-4P Liberty Grd PhaseM	F0599	201809	(24,123.64)	6.5	0.0022333	(350.28)	(646.67)
380200-Services - Plastic & Copper	800756	Repl w 1353F 2P Grandview & 115th	F0599	201809	(2,899.02)	6.5	0.0022333	(41.85)	(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 1392F 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 & Elwyn 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	201809	(52.83)	6.5	0.0022333	(0.77)	(1.42)
380200-Services - Plastic & Copper	801927	Reloc 456F 2-4P SpringValley & 9th	F0547	201809	(90.86)	6.5	0.0022333	(1.32)	(2.43)
380200-Services - Plastic & Copper	802023	Repl 2895 2-4P 33rd & Grand 1A	F0604	201809	(8,694.07)	6.5	0.0022333	(126.21)	(233.00)
380200-Services - Plastic & Copper	802024	Repl 5F 4P 33rd & Grand Phase 1B	F0604	201809	(2,592.92)	6.5	0.0022333	(37.64)	(72.49)
380200-Services - Plastic & Copper	802085	Aband 235F 2-4P Clark Ave & Holden	F0604	201809	(827.55)	6.5	0.0022333	(12.01)	(22.18)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201810	(74,856.14)	5.5	0.0022333	(919.48)	(2,006.14)
380200-Services - Plastic & Copper	800795	Repl w 6405F 2-4P Dunn Park W of 71	F0599	201810	(39,105.11)	5.5	0.0022333	(480.34)	(1,048.02)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201810	(30,953.40)	5.5	0.0022333	(380.21)	(829.55)
380200-Services - Plastic & Copper	800586	Rel w/ 8935F 2P Marlborough Ph5	F0547	201810	(24,846.69)	5.5	0.0022333	(309.22)	(665.94)
380200-Services - Plastic & Copper	800639	Repl w 5742F 2-4P East Downtwn Ph 2	F0604	201810	(20,857.35)	5.5	0.0022333	(256.20)	(558.98)
380200-Services - Plastic & Copper	801323	Repl 2814F 2-4-8P WalnutNolandCrane	F0604	201810	(10,756.43)	5.5	0.0022333	(132.12)	(288.27)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	201810	(10,184.14)	5.5	0.0022333	(125.09)	(272.93)
380200-Services - Plastic & Copper	801894	Reloc 3229F 2-4-6P Wornall 85th89th	F0547	201810	(9,746.98)	5.5	0.0022333	(119.73)	(261.22)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201810	(9,072.96)	5.5	0.0022333	(111.45)	(243.15)
380200-Services - Plastic & Copper	801862	Repl 6550F 2-4-12P E 57th to E 50th	F0604	201810	(6,319.37)	5.5	0.0022333	(77.62)	(169.36)
380200-Services - Plastic & Copper	800660	Repl 3680F 2-4P LibertyGrid Phase N	F0599	201810	(6,255.30)	5.5	0.0022333	(76.84)	(167.64)
380200-Services - Plastic & Copper	801873	Repl 2175F 2-4P CP at Canterbury	F0						

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 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	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201812	(1,974.35)	3.5	0.0022333	(15.43)	(52.91)
380200-Services - Plastic & Copper	803044	Repl w 250V 2P S Jose South 2H	F0599	201912	(1,821.40)	3.5	0.0022333	(14.24)	(48.81)
380200-Services - Plastic & Copper	800867	Repl w 3574F 2-4P Marlborough Ph 4	F0599	201812	(1,634.36)	3.5	0.0022333	(11.99)	(41.12)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201812	(735.08)	3.5	0.0022333	(5.75)	(19.70)
380200-Services - Plastic & Copper	801295	Repl 380F 2P Willis & Hayward	F0604	201812	(696.49)	3.5	0.0022333	(5.37)	(18.40)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201812	(266.97)	3.5	0.0022333	(2.09)	(7.15)
380200-Services - Plastic & Copper	802057	Reloc 531F 2-4P 5th & GrantCarthage	F0664	201812	(248.80)	3.5	0.0022333	(1.94)	(6.67)
380200-Services - Plastic & Copper	800798	Repl 7525F 2-4P Dunn Park Phase 1H	F0599	201901	(47,908.93)	2.5	0.0022333	(267.49)	(1,283.96)
380200-Services - Plastic & Copper	800640	Repl w 5715F 2-4P E Downtwn Phase 3	F0604	201901	(42,895.51)	2.5	0.0022333	(239.50)	(1,149.60)
380200-Services - Plastic & Copper	009220	BWO-Abandon Service (North)	F0608	201901	(39,698.03)	2.5	0.0022333	(221.65)	(1,063.91)
380200-Services - Plastic & Copper	800799	Repl 8320F 2-4P Dunn Park Phase 1I	F0599	201901	(39,330.89)	2.5	0.0022333	(219.60)	(1,054.07)
380200-Services - Plastic & Copper	800797	Repl 8070F 2-4P Dunn Park Phase 1G	F0599	201901	(34,964.28)	2.5	0.0022333	(195.22)	(937.04)
380200-Services - Plastic & Copper	800801	Repl 6360F 2-4P Dunn Prk W of 71 1E	F0599	201901	(33,960.58)	2.5	0.0022333	(189.61)	(910.14)
380200-Services - Plastic & Copper	801103	Repl 7332F 2-4P BigBlueBattle Ph-1D	F0599	201901	(29,715.67)	2.5	0.0022333	(165.91)	(796.38)
380200-Services - Plastic & Copper	801547	Repl 4795F 2P Windsor Phase5 Miller	F0604	201901	(28,160.45)	2.5	0.0022333	(157.23)	(754.70)
380200-Services - Plastic & Copper	800283	Repl 7916F 2-4-6P Webb City Ph 2H	F0572	201901	(27,150.49)	2.5	0.0022333	(151.59)	(727.63)
380200-Services - Plastic & Copper	009222	BWO-Abandon Service (SW Region)	F0659	201901	(21,844.90)	2.5	0.0022333	(121.97)	(585.44)
380200-Services - Plastic & Copper	800094	Repl 4717F 2P Belton Phase 1D	F0604	201901	(19,678.98)	2.5	0.0022333	(109.87)	(527.39)
380200-Services - Plastic & Copper	801546	Repl 3705F 2-4P Windsor Ph4 Miller	F0604	201901	(18,263.21)	2.5	0.0022333	(101.97)	(499.45)
380200-Services - Plastic & Copper	801647	Repl 5390F 2-4P Norborne MO Phase 1	F0604	201901	(17,697.68)	2.5	0.0022333	(98.78)	(474.03)
380200-Services - Plastic & Copper	802163	Repl 1840F 4P 24th and Denver AOR	F0599	201901	(17,578.82)	2.5	0.0022333	(98.15)	(471.11)
380200-Services - Plastic & Copper	802025	Repl 7400F 2-4P 33rd & Grand PH 1C	F0604	201901	(15,117.12)	2.5	0.0022333	(84.40)	(405.14)
380200-Services - Plastic & Copper	801548	Repl 3215F 2-4P Windsor Ph 6 Miller	F0604	201901	(14,765.69)	2.5	0.0022333	(82.44)	(395.72)
380200-Services - Plastic & Copper	801377	Repl 9880F 2-4P Waverly MO Phase 2	F0604	201901	(14,211.24)	2.5	0.0022333	(79.35)	(380.86)
380200-Services - Plastic & Copper	801206	Repl 6020F 2-4-6P Windsor Phase 1	F0604	201901	(13,152.20)	2.5	0.0022333	(73.43)	(352.48)
380200-Services - Plastic & Copper	801570	Repl 5870F 2-4P Forest & Grand	F0604	201901	(10,772.99)	2.5	0.0022333	(60.15)	(288.72)
380200-Services - Plastic & Copper	802171	Repl 3020F 2-4P 702 S F Hwy Exposed	F0599	201901	(10,737.56)	2.5	0.0022333	(59.95)	(287.77)
380200-Services - Plastic & Copper	009221	BWO-Abandon Service (South Region)	F0513	201901	(9,456.67)	2.5	0.0022333	(52.10)	(253.44)
380200-Services - Plastic & Copper	801708	Repl 3920F 2P 84th Belleview/Summit	F0599	201901	(9,342.19)	2.5	0.0022333	(52.16)	(250.37)
380200-Services - Plastic & Copper	004152	BWO-Repl Svc w/ PIs (North Reg)	F0608	201901	(9,041.18)	2.5	0.0022333	(50.48)	(242.30)
380200-Services - Plastic & Copper	801785	Repl 4850F 8P 19th, Flora, 24th Ter	F0599	201901	(3,194.33)	2.5	0.0022333	(17.83)	(85.61)
380200-Services - Plastic & Copper	801070	Reloc 250F 2P PBS CLAYCOMO IUI	F0547	201901	(2,157.96)	2.5	0.0022333	(12.05)	(57.83)
380200-Services - Plastic & Copper	801958	Reloc 393F 4P Prospect at 35th	F0547	201901	(2,004.58)	2.5	0.0022333	(11.19)	(53.72)
380200-Services - Plastic & Copper	802032	Repl 360F 2P 33rd & Highland	F0599	201901	(1,690.32)	2.5	0.0022333	(9.44)	(45.30)
380200-Services - Plastic & Copper	004153	BWO-Repl Svc w/ PIs (South Reg)	F0513	201901	(1,356.84)	2.5	0.0022333	(7.58)	(36.39)
380200-Services - Plastic & Copper	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	201901	(1,338.51)	2.5	0.0022333	(7.46)	(35.82)
380200-Services - Plastic & Copper	801868	Repl 850F 2P 28th Ter & Oakley - CI	F0599	201901	(1,187.71)	2.5	0.0022333	(6.63)	(31.83)
380200-Services - Plastic & Copper	801673	Repl 530F 2P William Jewell College	F0599	201901	(430.34)	2.5	0.0022333	(2.40)	(11.53)
Total Retirements - Services - Plastic and Copper					(2,372,886.46)			(28,564.50)	(63,593.29)
Regulator Station - Retirements									
376100-Mains - Steel	012175	Ret rectifier #152 Mitchell & 4th	F1191	201812	(12,599.73)	3.5	0.00148333	(65.41)	(224.27)
376100-Mains - Steel	012178	Ret rectifier #557 W 7th	F1191	201812	(11,506.53)	3.5	0.00148333	(59.74)	(204.62)
376100-Mains - Steel	013654	Aband rectifier #539Frederick/Alley	F1191	201812	(10,054.77)	3.5	0.00148333	(52.20)	(178.97)
376100-Mains - Steel	014654	Ret rectifier E Bolen St #0531	F1191	201812	(10,033.47)	3.5	0.00148333	(52.09)	(178.60)
376100-Mains - Steel	012176	Ret rectifier #466 Ash & High	F1191	201812	(9,665.51)	3.5	0.00148333	(50.18)	(172.05)
378000-Meas & Reg Station Equipment	011615	Ret reg stn-SW290 & Mo state Rd	F1191	201901	(17,886.31)	2.5	0.00148333	(66.33)	(318.38)
378000-Meas & Reg Station Equipment	013813	Ret reg stn-Genie Field/Belt Hwy#177	F0600	201901	(15,123.84)	2.5	0.00148333	(56.08)	(269.20)
378000-Meas & Reg Station Equipment	012162	Aband reg stn-Magdalen W.4th #6	F1191	201901	(11,766.38)	2.5	0.00148333	(43.63)	(209.44)
378000-Meas & Reg Station Equipment	011616	Ret reg stn-MO PAC RR & Madison	F1191	201901	(10,565.88)	2.5	0.00148333	(39.18)	(188.07)
378000-Meas & Reg Station Equipment	012138	Aband Reg Stn-Baltic/Vine #7	F1191	201901	(9,906.95)	2.5	0.00148333	(38.74)	(176.34)
378000-Meas & Reg Station Equipment	012161	Aband reg stn-Alley-Main&Orange #4	F1191	201901	(6,888.91)	2.5	0.00148333	(25.55)	(122.62)
378000-Meas & Reg Station Equipment	011598	Ret reg stn-Lexington & 5th	F1191	201901	(6,292.99)	2.5	0.00148333	(23.34)	(112.01)
378000-Meas & Reg Station Equipment	011605	Ret reg stn-Madison & Royal	F1191	201901	(5,733.12)	2.5	0.00148333	(21.26)	(102.05)
378000-Meas & Reg Station Equipment	012148	Aband reg stn-Pine & Leonard #9	F0600	201901	(4,582.69)	2.5	0.00148333	(16.99)	(81.57)
378000-Meas & Reg Station Equipment	012160	Aband reg stn-Main&Orange #3	F1191	201901	(3,677.30)	2.5	0.00148333	(13.64)	(65.46)
378000-Meas & Reg Station Equipment	012142	Aband reg stn-Prairie #127	F0600	201901	(3,488.90)	2.5	0.00148333	(12.94)	(62.10)
378000-Meas & Reg Station Equipment	012158	Aband reg stn- 14th & Orange #2	F1191	201901	(3,211.41)	2.5	0.00148333	(11.91)	(57.16)
378000-Meas & Reg Station Equipment	012147	Aband reg stn-Richfield & Vernon #8	F0600	201901	(2,762.37)	2.5	0.00148333	(10.24)	(49.17)
378000-Meas & Reg Station Equipment	011606	Ret reg stn-Valley & Belding	F1191	201901	(2,028.86)	2.5	0.00148333	(7.52)	(36.11)
378000-Meas & Reg Station Equipment	012159	Aband reg stn-Alley #8	F1191	201901	(1,927.23)	2.5	0.00148333	(7.15)	(34.30)
378000-Meas & Reg Station Equipment	011743	Ret reg stn - 36th & Bell	F0600	201901	(1,237.31)	2.5	0.00148333	(4.59)	(22.02)
378000-Meas & Reg Station Equipment	010227	Ret Reg Station 58 Hwy & OliveDRS15	F1191	201901	(811.38)	2.5	0.00148333	(3.01)	(14.44)
378000-Meas & Reg Station Equipment	014658	Ret reg stn-Hillside&Liberty #1C	F1191	201901	(806.49)	2.5	0.00148333	(2.99)	(14.36)
379000-Meas & Reg Station Eopt-City	011741	Ret reg stn - Main & West St	F1190	201901	(3,611.12)	2.5	0.00148333	(13.39)	(64.28)
Total Regulator Station Retirements					(166,169.45)			(279.62)	(958.71)
Mains Cathodic Protection Retirements									
376100-Mains - Steel	017439	Ground Bed Replace -16&Belleview(N)	F0503	201901	(68,638.38)	2.50	0.00148333	(254.53)	(1,221.76)
376100-Mains - Steel	014077	Ret rectifier #0250 Lindy Ln	F1191	201901	(32,327.79)	2.50	0.00148333	(119.88)	(575.43)
376100-Mains - Steel	012183	Ret rectifier #659 6th & Grand	F1192	201901	(17,922.54)	2.50	0.00148333	(66.46)	(319.02)
376100-Mains - Steel	012181	Ret rectifier #257 2nd & School	F1192	201901	(13,750.98)	2.50	0.00148333	(50.99)	(244.77)
376100-Mains - Steel	016335	Aband rectifier #0479-Broad/Wilow	F0503	201901	(9,807.32)	2.50	0.00148333	(36.37)	(174.57)
376100-Mains - Steel	014653	Ret rectifier Whiteman&Waterworks	F1191	201901	(9,398.41)	2.50	0.00148333	(34.82)	(167.11)
376100-Mains - Steel	012179	Ret rectifier #189 Hwy 58/Pacific	F1191	201901	(9,298.23)	2.50	0.00148333	(34.48)	(165.51)
376100-Mains - Steel	012180	Ret rectifier #633 Webster&Harrison	F1191	201901	(7,842.45)	2.50	0.00148333	(29.08)	(139.60)
376100-Mains - Steel	012182	Ret rectifier #278 3rd & Custer	F1192	201901	(4,456.35)	2.50	0.00148333	(16.53)	(79.32)
376100-Mains - Steel	016160	Aband rectifier - Truman&Hwy78 #155	F1193	201901	(3,989.10)	2.50	0.00148333	(14.79)	(71.01)
Total Cathodic Protection Retirements					(177,421.55)			(657.93)	(3,158.10)
TOTAL					(5,402,537.76)			(53,708.72)	(117,023.35)

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

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

WO Number	Project	Based Off	Description	Category	Agrees cost to replace plastic	Approx cost to utilize plastic	% difference	Comments
1442484	80072		Tipton Grid Phase B - Bare steel repl - Miller	3	\$921,825.17	\$1,149,956.82	-24.5%	*** 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.
14857482	800613		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 PL Main. Upgrade existing 220' of 2" PL PL Main.
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
14584914	800256		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.
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.
16425563	801546		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
14981179	801119		Repl P85 34th and Pearl Joplin due to Leakage - MGE - Smith	2	\$201,721.10	\$208,059.22	-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 2x60 elbows must be added along with a new segment to get the pipe heading the right direction again.
14984215	800474		Replacement due to CP15-059 at 1201 Schff. - IUI - Merl	2	\$288,655.69	\$297,226.41	-2.97%	Several small segments of PL were abandoned with work. 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%	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.
15163519	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.
16941605	801703		E 36th St & Sterling - MGE	2	\$105,465.47	\$107,769.59	-2.18%	Plastic main abandoned on E 36th St due to construction convenience.
15827479	801528		Empire 5th to 8th Street due to BSt and Leaks	3	\$224,593.49	\$235,379.95	-2.13%	Main replaced instead of reused for ease of construction and lower cost
16407237	801520		Windsor Bare Steel Replacement Phase 3-Miller	2	\$599,020.89	\$609,795.87	-1.78%	Main abandoned and replaced rather than leak survey and utilize
14482987	800144		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 4x60 elbow to tuen the existing PL main north
14451215	800092		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 PL main and 46' of 4" PL PL Main.
18797602	802198	ASBUILT	Budd Park Grid Main Replacement Phase 2F - IUI	2	\$251,936.53	\$256,058.22	-1.64%	Existing Main LP. New main installed at IP. 1 PL service was replaced when it should have been tied over. Tie in's can be moved to utilize existing 78' of PL Main. 20' of PL main could have been tied into to utilize all existing PL Main.
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
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
15831810	801300		Northern & Radnor-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 1/2" PL Main using 2-2" Tap Fees and 4-2" PL Caps.
17611805	801873		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.
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	\$258,695.70	-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.
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 into 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
16224040	801450		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
14772033	800393	Estimate	BST Replacement County St to Scott St in Monett - MGE	2	\$546,850.97	\$552,488.52	-1.03%	New main and abandoned main has not been added to GIS yet so we do not know what was abandoned since the job has not been completed in the office yet. This was IP replacing IP so no upgrades needed. For ISRS, we will estimate saving the plastic footage that we estimated to abandon. 192 feet less of install, 96 feet we would save in version 2 where we wouldn't install regardless.
14980955	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 fees were not available at the time of this WO in the Southern district. 2" PL Main on W 26th St. for convenience.
14591914	800277		Carrollton Grid Main Replacement Phase D - Miller	2	\$936,367.06	\$945,188.30	-0.94%	Avoided additional tie-in holes and leak surveying main.
14451077	800100		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 2-2" Tap Fees and 4-2" PL Caps.
18979207	801101		Big Blue Battelfield BS and Cast Iron Main Replacement Phase 1B	3	\$722,284.41	\$728,285.00	-0.83%	No pressure records, cost to tie test higher than cost to replace
1584915	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
15845572	801253		Replacement 313 S Oak St Aurora due to leak - MGE	2	\$67,556.57	\$68,096.90	-0.80%	5ft of PL was abandoned in association with a cut and cap.
14482927	800142		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 inserted on the southern 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 inserted to turn the pipe north and tied into the new main being 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
16227823	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 MP Main instead of abandoning it. 21' of PL main was abandoned due to tie in.
15345495	800856		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.
15623440	801250		Carthage Area 2 Grid Phase 2A - IUI - Millford	2	\$387,612.69	\$390,259.59	-0.69%	23' of PL Main abandoned due to inactivity. 10' of PL Main was abandoned for tie-ins to occur. 103' of 4" PIP main could have been utilized. 85' of 2" PL PL main was able to be upgraded instead of abandoned.
15831433	801243		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. 51' 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.
15027093	800502		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 PL Main to avoid abandoning PL Main.
14487102	800156		N Budd Park CI Grid Repl Phase 1E - IUI	2	\$663,978.35	\$668,413.54	-0.67%	Plastic main abandoned on Santa 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.
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	\$287,971.48	\$289,541.05	-0.65%	Move 2" PL Cap 100' east on Doniphon 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.
15632255	801107	ASBUILT	Big Blue Battelfield 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
14474680	800128		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 upgraded. 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 serving 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 71E - Meyers Phase 1E - Miller	2	\$1,076,733.02	\$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 PL Main. Tie into and uprate 248' of PL PL Main.
17019127	801731		Blue Parkway and Elwyn Rd - Replace Bare Steel - MGE	2	\$160,020.97	\$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.
14591901	800276		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.
15140224	800827		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	\$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.
14474664	800126		Liberty - Grid Phase 1 - IUI	2	\$310,612.57	\$312,335.90	-0.55%	Plastic service abandonment footage from 5 replacements and 1 abandonment. PL Main along Wilsdie 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.
15451234	801102		Big Blue Battelfield 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 PL main could have been utilized and 1 service tie over could have been avoided by moving tie in North. 46' of 8" PL main could have been utilized by tying into it and uprating it.
17279501	801834		ADR - 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 2x60 elbows and a 4ft segment of 6" PL pipe to ring it back to new main location.
14984587	800475		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.
15222658	800690		Hwy 71 and Gregory Grid Replacement Phase L - IUI	2	\$446,897.21	\$448,205.50	-0.53%	PL abandoned for ease of constructibility
16248950	801378		Waverly MO Bare Steel Main Replacement Phase 3 - Miller	2	\$457,651.76	\$459,989.61	-0.53%	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
14584910	800280		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
14665824	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, Bingswanger 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 G - IUI	2	\$247,683.30	\$248,813.18	-0.46%	Segments were abandoned for ease of construction.
14538529	801472		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
14538089	800864		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.
14665808	800338		St. Joe's South Grid Phase 2C - MGE	2	\$1,181,183.54	\$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	\$1,028,300.88	\$1,035,983.72	-0.36%	Tie into and upgrade existing 20' of 4" PL PL Main to utilize all available PL Main.
15223592	800672		Necoho C-01 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.
16205946	801980	Estimate	Mays 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.

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

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

WO Number	Project	Based Off	Description	Category	Aggres cost to replace plastic	Aggres cost to utilize plastic	% difference	Comments
15630144	801103	ASBUILT	Big Blue Battlefield BS & C Main Replacement 1D	2	\$668,802.00	\$671,609.00	-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.
15217618	800654		Neosho C-001 Bare Steel Main Replacement-Phase 1B - IUI - Meri	3	\$687,735.47	\$689,766.96	-0.30%	172' of PL Main was abandoned because it was inactive. 413' of PL in IP Main could have been tied into.
16137326	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.
15022047	800468		Grid & 55th Street - Phase 1C - SPIRE, LUCITO / WINCHEL / STREET	2	\$942,324.55	\$945,003.00	-0.28%	Tie into and upgrade existing 6" PL Main to size 8" of PL Main instead of abandoning it.
14954930	800439		KC-39th State Line Road Cast from Replacement Phase B	2	\$1,374,185.43	\$1,378,021.63	-0.28%	Tie into and upgrade 21" of PL Main to utilize existing PL. 14' of PL 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.
14556318	800230		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 8". 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.
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
15126997	800558		Neosho C-002 Bare Steel Replacement Grid Phase 1 - MGE - Barnes	2	\$682,252.98	\$688,942.20	-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 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.
14982686	800762		Concordia Grid Phase E - Miller	2	\$532,851.08	\$534,068.91	-0.23%	Tie into and upgrade existing 173' of PL PL Main.
15751158	801167		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.
14487227	800159		N Budd Park CI Grid Repl Phase 1H - IUI	2	\$718,894.00	\$720,438.14	-0.21%	Plastic main abandoned on Northledge 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.
14665811	801340		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
17260546	801828		23rd and Topping - 3in Steel - IUI	2	\$189,233.95	\$189,608.72	-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.
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	\$1,190,319.49	-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.
15003423	800491		Harris S of Shely 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.
16812146	801806	ASBUILT	Wisconsin, 20th, Illinois, 19th, Indiana - Little ct. to 15th-Header Main - IUI - Inman4	3	\$713,776.56	\$714,979.28	-0.17%	This work order included plastic abandonment with the header installation. The 4" Plastic on Wisconsin and 20th Street was not originally designed to be abandoned, but was done so in the field.
14857202	800601		Marionville Grid Phase A - MGE	2	\$252,940.58	\$253,282.66	-0.14%	50' of 2" PL IP Main was abandoned due to tie-ins. Tie in's could have been moved to utilize all PL Main. 20' 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 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.
17144432	801789		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.
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 PL on the other side of the street. In both cases more pipe will need to be installed to incorporate existing PL.
15027069	800499		Grid & 55th Street - Phase 1D - SPIRE, LUCITO / WINCHEL / STREET	2	\$912,246.55	\$913,309.21	-0.11%	Move cap to utilize 11' of PL MP Main.
15470577	800137		St. Joe's South Phase 1C - MGE	2	\$667,880.15	\$668,359.12	-0.10%	Abandoned 4" PL main at intersection of Belding & S Hwy 732. As-built PL Abandonment footage was 127 ft, corrected to 214 ft. Plastic main abandoned at intersection of Belding and Hoyer 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 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.
16701133	801627		Replacement due to leaks Fairview St in Carriage	2	\$375,476.00	\$375,624.00	-0.08%	Tie over outside of street to center of intersection, one service abandoned with main
14590966	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 pipe
14954997	800441		KC-39th & State Line Road Cast from 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 PL Main.
14443082	800076		Webb City Grid Phase (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 service could be transferred.
14584921	800283		Webb City Phase 2H Grid Bare ST Replacement - IUI - Hease	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 F 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
15550121	801042		Budd Park Header Main Phase 3 - IUI	3	\$1,022,160.54	\$1,022,509.59	-0.04%	22' of Plastic was originally abandoned for the tie in to occur.
15191142	800623		27th and Babes - CI Breaks - IUI	2	\$1,064,189.77	\$1,064,274.64	-0.01%	Abandoned for constructability. Hot tie into existing main and perform a leak survey.
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 uprated from LP to IP.
17964766	801909		Pittman 838th 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.
15308737	800796		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
16702846	801628		ADK - 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
15760723	801868		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
16588610	802032		33rd and Highland - 4in CI Replacement - SPIRE - Stenwall	1	\$82,932.18	\$82,932.18	0.00%	No services been renewed. Only PL service was abandoned due to inactivity.
17699109	801886		Colbern Rd 10' Bare under Creek	1	\$270,591.52	\$270,591.52	0.00%	No services appeared in the Child WO Report for this WO.
17612824	801874		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.
16971309	801710		56th St - Summit St to Wornall Rd - BS Mandated Sec 7-UI	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.
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 transfer/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 S of 9th St - MGE	1	\$14,632.21	\$14,632.21	0.00%	The 3 services were already given cost as tie-overs.
15956471	801297		Cherry St and Gilman Rd - 4in CI Replacement - IUI	1	\$73,128.29	\$73,128.29	0.00%	2 services replaced but both were steel so no change
15979335	801269		Independence and Chestnut - 4in CI Leak -dusty	1	\$85,168.71	\$85,168.71	0.00%	5 tie overs no transfers on either 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		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.
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 P85 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 report shows abandoned plastic on an upgraded service, the plastic was previously abandoned prior to this work order.
14443572	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.
16568774	802029		BST replacement Phase 2B Grid Bare ST Replacement - IUI	2	\$275,802.00	\$275,802.00	0.00%	All services were already been estimated as tie-overs
15027002	800497		Grid & 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.
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 IP, New main installed at IP. No Plastic main abandoned on the job. PL main abandoned for ST service replacement.
16232868	801439		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.
15848035	802002		Maywood Ave replacement-IUI	1	\$95,529.52	\$95,529.52	0.00%	4 PL services abandoned with main at additional cost
15784204	801184		Bannister Rd and Blue River Rd - 10in BS Replacement - IUI	1	\$360,931.07	\$360,931.07	0.00%	wasn't restimated, no plastic main abandoned and no services in work order. No analysis done.
15132957	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
14980493	800463		16in P85 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		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
16071279	801709		56th St - Indiana Ave to Kansas Ave - BS Mandated Sec 6-Miller-GPS	2	\$131,448.38	\$131,448.38	0.00%	No additional cost with 12' of abandonments at tie in point
16584803	802023		Webb City Phase 2B Grid Bare ST Replacement - IUI	2	\$275,802.00	\$275,802.00	0.00%	Tie-ins moved to utilize all PL would not change cost.
15345602	800855		Carrollton Grid Main Replacement Phase L - Miller	2	\$476,198.95	\$476,198.95	0.00%	Carrollton Grid Main Replacement Phase L - Miller
14872227	800261		Clarkburg Grid Phase B - Miller	2	\$194,529.66	\$194,529.66	0.00%	100' of PL Main abandoned due to inactivity
15338499	800826		CI Grapghization - 10th and Benton	3	\$99,901.00	\$99,901.00	0.00%	Unused main was abandoned with CI at no additional cost
14972919	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
15108234	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 - Sarcoxe Phase 3	4	\$369,483.50	\$369,483.50	0.00%	No PL abandoned.
15594353	801096		Bare Steel Feeder Pressure Replacement-Sarcoxe 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)
15508805	800802		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)
15555569	801041		Budd Park Header Main Phase 2 - IUI	4	\$1,999,068.93	\$1,999,068.93	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	801770		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.
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	801089		Big Blue Battlefield BS and Cast Iron Main Replacement Phase 1A - Miller	4	\$688,211.98	\$688,211.98	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.
15056608	801148		Bare Steel Feeder Pressure Replacement - Sarcoxe Phase 1	4	\$475,971.89	\$475,971.89	0.00%	New main installed at FP. Header main installed. No Plastic main abandoned.
14665863	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.
18704427	802085	N/A	Martin-Clark Ave & Holden St - Spire	1	\$13,725.57	\$13,725.57	0.00%	No Analysis needed - no plastic abandoned
17607273	801868	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
16495994	801576	N/A	9th and Trueman 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						

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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 -UI (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 UI	1	\$1,472,364.72	\$1,472,364.72	0.00%	No Analysis needed - no plastic abandoned
17357795	801884	N/A	Higginsville DKS - Underground Main	1	\$301,493.35	\$301,493.35	0.00%	No Analysis needed - no plastic abandoned
15247622	800718	ASBUILT	Purcell Phase D - Alba Upgrade	2	\$79,084.48	\$79,084.48	0.00%	PL abandoned at no cost when valves abandoned
14980024	800853	N/A	Repl 2" BS 7" 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
18074638	802235	N/A	ADR - 53rd Street & Troost Ave	6	\$50,514.76	\$50,514.76	0.00%	No Analysis needed - No Plastic Abandoned - ADR
16007373	801303	N/A	Budd Park Grid Main Replacement - Phase 2C - UI	1	\$451,280.34	\$451,280.34	0.00%	No Analysis needed - No Plastic Abandoned
16121246	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
16911045	801979	N/A	Indiana, E 51st St, Swope, Blue Pkwy - E 55th St to Cleveland - Header Main	4	\$20,663.24	\$20,663.24	0.00%	No Analysis needed - No Plastic Abandoned
18792013	802144	Estimate	Repl due to CP at Newman btw AA and Irwin - UI - Bernal	2	\$158,521.42	\$158,521.42	0.00%	Move abandonment caps closer to steel to keep PL active. Does not change install footage.
14584901	802064	Estimate	Webb City Phase 2C Grid Bare ST Replacement - UI	3	\$656,606.46	\$656,463.18	0.02%	ASBUILT status. Asbuilt not completed. Existing Main IP. New main installed at IP. 42' of PL main was abandoned due to tie in. Tie into existing 200' of 2" PL IP Main instead of abandoning it above 3 service tie overs.
15217625	800655	Estimate	Neosho C-001 Bare Steel Main Replacement- Phase 1C	2	\$509,398.38	\$509,331.59	0.01%	
15220255	800660	ASBUILT	Liberty - Grid Phase N - UI	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.
14411937	800339	Estimate	Pickett Rd and 29th St - Main Replacement - MGE	1	\$1,862,812.15	\$1,862,029.43	0.04%	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.
14474710	800130	Estimate	Py16 Strategic Grid MGE - Belton Phase 2B - UI	2	\$549,604.58	\$549,326.27	0.05%	
14485447	800147	Estimate	Hwy 71 and Gregory Grid Replacement Phase G - UI	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.
16080975	801837	Estimate	Central, Forest to 6th - Header Main - G - UI	4	\$764,796.21	\$764,351.34	0.06%	Since job isn't completed yet we are using the estimated job as scenario 1 and saving the 148 feet of plastic estimated to be abandoned. Services being replaced in estimate are all steel.
14474665	800127	Estimate	Py16 Strategic Grid MGE - Belton Phase 2A - UI	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
15153386	800998	Estimate	Alma Strategic Grid Phase 2 - Miller	2	\$654,636.87	\$654,185.19	0.07%	PL was abandoned for ease of construction.
14553730	800224	Estimate	Hwy. 291 Replacement Missouri River Crossing - North UI	1	\$2,074,285.52	\$2,073,809.95	0.07%	Changed over 2 services from replacement to tie over
16038995	801215	Estimate	Franklin and Grand Jewett CI	1	\$63,289.25	\$63,159.44	0.08%	1 service replaced would be changed to tie over
15133845	800825	Estimate	CI Graphitization - Highland and Independence	3	\$74,203.31	\$74,132.55	0.09%	Small piece of PL abandoned rather than hot tap and leak survey
15827651	801527	Estimate	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
14474653	800125	Estimate	Liberty - Grid Phase H - UI	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.
16425691	801549	Estimate	Windsor Bare Steel Replacement Phase 7-Miller	2	\$967,872.48	\$966,663.89	0.13%	PL was abandoned for ease of construction
16007191	801302	Estimate	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" Cap to utilize all existing PL Main. CONTINIST Status
14592466	800286	Estimate	Carrollton Grid Main Replacement Phase 1 - Miller	2	\$1,113,606.92	\$1,112,055.94	0.14%	PL was abandoned for ease of construction.
15258302	800727	Estimate	31st St & Mason St - MGE	2	\$299,515.74	\$299,064.11	0.15%	Segments of PL abandoned for ease of construction.
15220246	800659	Estimate	Liberty - Grid Phase M - UI	2	\$825,456.68	\$824,202.71	0.15%	PL abandoned for constructibility or to avoid leak survey.
16106897	801123	Estimate	Walnut-Noland to Crane	1	\$903,416.73	\$901,897.18	0.17%	2 of 3 service replaces would be changed to tie overs
14487012	800154	Estimate	N Budd Park CI Grid Repl Phase 1C - UI	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 update when existing plastic was utilized.
15148821	800584	Estimate	Target Marlborough East Phase 3 Relocation - UI	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.
16749895	801648	Estimate	Norborne MO- BS Main Replacement Phase 2 - Miller	2	\$507,871.91	\$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.
14906714	800431	Estimate	Target Marlborough West Phase 1 - UI	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.
15027085	800501	Estimate	63rd & 55th Street - Phase 1F - SPIRE, LUCTO / WINCHEL / STREET-GPS	1	\$908,140.60	\$905,728.32	0.27%	Changed over 7 services from Replace to Tie Overs
15632244	801106	Estimate	Big Blue Battlefield BS & CI Main Replacement 1E	2	\$442,027.74	\$442,822.21	0.28%	2" Plastic main abandoned on 60th St due to construction convenience. Plastic Tie-in could be moved to utilize existing 4" plastic
16863257	801862	ASBUILT	Sterling - E 7th St to S of 50th Terr - Header Main - UI	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 90' of 4" PL Main. Tie into and utilize existing 52' of 2" PL IP Main.
14990121	800480	Estimate	Pleasant Hill Main Replacement Phase 8 - UI	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.
18511703	802023	ASBUILT	33rd & Grand Strategic Grid Replacement Phase 1A	1	\$203,740.00	\$202,968.00	0.38%	one service replace would be a tie over, added service locate cu
14954983	800440	Estimate	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.
15732457	801186	Estimate	29th and Hales - Water in Gas Main	2	\$94,020.23	\$93,444.66	0.40%	Tie-in done on plastic segment where it was convenient.
16025176	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
14815162	800406	Estimate	BST Replacement 2nd and McCoy St due to CP15-068 - MGE	2	\$40,495.56	\$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
14409735	800028	Estimate	WDR 14409735 Liberty Header - Phase 3 - UI	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.
15938022	801238	Estimate	Kansas and 22nd - 4in CI Replacement - UI	1	\$162,146.37	\$161,274.76	0.48%	1 service replaced would be changed to tie over
15223990	800671	Estimate	Neosho C-001 Bare Steel Main Replacement- Phase 1K - UI	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.
15308808	800798	Estimate	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 upgrade existing 36' of 4" PL IP Main.
14442723	800073	Estimate	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.
15182537	800623	Estimate	13th and Brooklyn - CI Graphitization - UI	1	\$144,855.42	\$144,083.92	0.53%	1 service replaced would be changed to tie over
15108437	800800	Estimate	Dunn Park - West of Hwy 71/E. Meyers Phase 1C - Miller	2	\$1,341,871.09	\$1,334,217.83	0.57%	Existing Main LP. New main installed at IP. 11 Services could have been tied over instead of replaced. Upgrade 319' of PL Main instead of abandoning it.
14451227	800093	Estimate	Py17 Strategic Grid MGE - Belton Phase 1C - UI	3	\$448,424.27	\$445,856.92	0.57%	Main abandoned rather than leak survey and utilize
14486825	800152	Estimate	N Budd Park CI Grid Repl Phase 1A - UI	1	\$777,148.01	\$777,518.93	0.60%	6 of the replaced services were plastic
16148016	801376	Estimate	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 IP Main. 3" PL services should have been tied over instead of replaced.
14485491	800151	Estimate	Hwy 71 and Gregory Grid Replacement Phase K - UI	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. Services on these segments will need to be upgraded. A 2ft segment of PL was abandoned and capped. move the cap to incorporate PL back into system.
14584925	800287	ASBUILT	Webb City Phase 2I Grid Bare ST Replacement	2	\$274,528.00	\$272,843.28	0.61%	one segment of upgrade, other segments were abandoned due to tying in lower down on stub, no change in services
17060696	802042	ASBUILT	8th & Hardesty Grid Repl Phase 1B - UI	1	\$501,775.64	\$498,682.24	0.62%	All PL abandoned with this WO was with service renewals.
14485461	800148	Estimate	Hwy 71 and Gregory Grid Replacement Phase H - UI	1	\$370,948.27	\$368,633.74	0.62%	3 service replaced were plastic
14665719	800335	Estimate	St. Joe's South Grid Phase 2A - MGE	3	\$1,570,267.43	\$1,560,441.44	0.63%	Main abandoned with 6" for flow
16486294	800413	ASBUILT	Purcell Bare Steel Main Replacement Phase 1C	2	\$828,829.78	\$825,623.87	0.63%	PL replaced for constructibility
15108810	800799	Estimate	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
15266813	800756	Estimate	Grandview Rd and 115th - Bare Steel Replacement - UI	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.
16125944	801356	Estimate	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.
15026982	800496	Estimate	63rd & 55th Street - Phase 1A - SPIRE, LUCTO / WINCHEL	1	\$1,550,097.34	\$1,539,754.32	0.67%	Changed over 30 services from renewals over to tie overs
14584775	800262	Estimate	Webb City Phase 2A Grid Bare ST Replacement - UI - Stroud	3	\$330,017.71	\$327,810.09	0.67%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
14474617	800122	Estimate	Liberty - Grid Phase E - UI	2	\$427,994.34	\$425,083.97	0.68%	PL abandoned for convenience or it was not going to be utilized in the new system.
15231212	800818	Estimate	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
15208278	800639	ASBUILT	East Downtown Phase 2 Bare Main Repl - UI	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, 17 replacements changed to transfers. Plastic main abandoned on 3rd St, 4th St, 5th St, 6th St, Green St, 7th St, and Grand Ave due to construction convenience.
16697226	801626	Estimate	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	Estimate	Carthage Area 1 Grid Phase 1A - UI - Millford	2	\$728,465.32	\$722,573.23	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.
15208766	800640	ASBUILT	East Downtown Phase 3 Bare Main Repl - UI	2	\$767,152.20	\$761,127.03	0.79%	3" of PL main installed to replace 5" MP Main. Plastic MP main upgraded to IP. Plastic service abandonment footage from 18 replacements and 3 abandonments. In scenario 2, 17 replacements changed to transfers. Plastic main abandoned on 3rd St, 4th St, 5th St, 6th St, Green St, 7th St, and Grand Ave due to construction convenience.
18575552	802025	ASBUILT	33rd & Grand Strategic Grid Replacement Phase 1C	2	\$707,858.00	\$702,249.00	0.79%	33 feet would be pushed to phase 1D, 214 feet of upgrades and 3 service upgrades
14584917	800282	Estimate	Webb City Phase 2G Grid Bare ST Replacement - UI - Stroud	3	\$538,264.08	\$533,962.38	0.80%	Plastic abandoned at no cost, small amount should have been leak surveyed and utilized
14592416	800285	Estimate	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.
14450021	800083	Estimate	Holden Grid Phase 2I - UI	3	\$600,471.41	\$595,405.33	0.84%	Small pieces abandoned due to no active services
16007701	801306	ASBUILT	53rd & Swope Strategic Grid Phase 1A - Miller	2	\$855,104.54	\$847,699.03	0.87%	Existing Main LP. New main installed at IP. CONTINIST Status. Tie into and upgrade existing 261' of 4" PL Main. Tie into and upgrade existing 116' PL IP Main. Remove 2 service tie overs and add 2 service grades.
14414999	800045	Estimate	Liberty - Grid Phase G - UI	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.
16007947	801307	ASBUILT	Budd Park Grid Main Replacement Phase 2G-UI	2	\$656,154.68	\$650,133.31	0.92%	154 ft was abandoned at no cost. Much of the cost change came from service renewals. A 3ft segment was abandoned in this WO but PL install was done a different WO. Combined both cost to measure change.
14982612	800759	Estimate	Concordia Grid Phase B - Miller	2	\$759,225.73	\$753,119.00	0.94%	Tie into and upgrade existing 116' PL MP Main despite flow restrictions to avoid abandoning any PL Main
14591934	800278	Estimate	Carrollton Grid Replacement Phase E - Miller	1	\$438,917.48	\$434,790.94	0.94%	Changed over 3 Services from Replacements to Tie Overs
15153394	800600	Estimate	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 60' of 2" PL MP Main to utilize all PL main and avoid 2 service tie overs.

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

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

WO Number	Project	Based Off	Description	Category	Agross cost to replace plastic	Agross cost to utilize plastic	% difference	Comments
15801057	801214	Estimate	Winner Rd - Vermont to Fuller-UII	3	\$1,649,649.03	\$1,633,841.79	0.96%	PL abandoned for ease of construction
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 Main. Upgrade 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 Main.
15340491	800830		Green St & Peyton St- MGE	2	\$102,762.42	\$101,712.27	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 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.
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
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
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 in 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.
14474722	800131		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
15818513	801224		CI Breaks - 61st and Indiana - IUI	1	\$132,154.69	\$130,611.66	1.17%	2 services replace would be changed to tie overs
14980294	801125		Repl Main 16th and Bird Joplin due to Leakage - IUI - Hillford	3	\$224,278.31	\$221,647.08	1.17%	Upgrade 223 ft of 2" & 4" PL Main. Tie into existing 31' PL LP Main on 16th St.
14487162	800157		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
14556185	800227	ASBUILT	Valentine and Terrace St Replacement - IUI	1	\$133,121.41	\$132,111.99	1.20%	added the new service cu's to scenario 1. 7 of the services would be listed as replaced since they installed more than 15 feet of new plastic. In scenario 2 we would have 2 less replace since there were two installations that were completely replaced in scenario 1
16148036	801377		Waverly MO Bare Steel Main Replacement Phase 2 - Miller	2	\$514,244.49	\$508,043.01	1.21%	30' 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 450' 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 the South side.
14486996	800153		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
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.
14487176	800158		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
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 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.
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, 3 replacements, and 1 abandonment. Scenario 2, tied into and upgraded 173 ft of 2" PL main on Ridgeway Ave.
14485484	800149		Hwy 71 and Gregory Grid Replacement Phase 1 - IUI	2	\$494,947.75	\$488,404.75	1.32%	30ft 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 having less tie in holes and no need to leak survey.
14474777	800133		Liberty - Grid Phase K - IUI	2	\$430,030.50	\$423,604.33	1.49%	Many segments of PL were abandoned to avoid air testing. A 500ft segment had no services on it and was abandoned at no cost.
14590502	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, Wade St, College 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 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 situation with 9 ft of 2" PL main on Chappell. Plastic service abandonment footage from 6 abandonments and 1 replacement.
14771233	800834		Repl P85 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.
16470757	801570	ASBUILT	Forest and Grand- Replace MP to IP	2	\$492,441.00	\$488,970.00	1.72%	15 feet abandoned regardless, 1 service locate, 1 main locate, 7 more service upgrades, 1 less replace, 380 more feet of upgrade
15462955	800921		CI Breaks - Benton and 55th - IUI	2	\$198,973.09	\$195,402.22	1.80%	97' of 1.25" PL replaced with 2" for flow
14982574	800758		Concordia Grid Phase A - Miller	1	\$202,430.32	\$198,679.30	1.85%	Changed over 2 services from Renewal to Tie-Over
14591880	800275		Carrollton Grid Main Replacement Phase B - Miller	2	\$419,982.32	\$410,961.91	1.94%	Avoided additional tie-in holes.
14982623	800760		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. Upgrade 90' of PL main instead of abandoning it.
14846283	800412		Purcell Bare Steel Main Replacement Phase 1B - IUI	2	\$994,410.56	\$982,376.86	2.02%	Continued boxes to avoid tie in holes and upgrading plastic.
17121240	801815		Cherry and Noland Rd - IUI	2	\$134,703.40	\$131,947.95	2.05%	66' of 2" PL replaced with 4" for flow
15223137	800668	Estimate	Neosho C-001 Bare Steel Main Replacement-Phase 1H	2	\$366,946.65	\$359,222.65	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 632' of PL IP Main to remove 9 service tie overs.
15063841	800542		Blue Ridge - Hardy to Sterling - IUI	2	\$1,080,430.59	\$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 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 5 service tie over.
15995930	801299		32nd St & Shady Bend Dr	2	\$423,159.06	\$413,926.39	2.18%	abandoned to avoid leak survey.
14443027	800075		Typton Grid Phase E - Bare steel repl- Miller	2	\$688,017.48	\$677,883.01	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.
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.
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 P85 on Elliot due to Leakage under HWY K	2	\$479,870.96	\$468,560.88	2.36%	Several sections of plastic were abandoned along with steel. A 200ft 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 40ft 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	800599		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
15593192	801057		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.
16007676	801305	Estimate	Budd Park Grid Main Replacement Phase 2E - IUI	2	\$646,304.96	\$630,112.34	2.51%	Existing Main LP. New main installed at IP. WAS/ULT status. Tie into and upgrade existing 519' of 3" PL LP Main and remove 6 service tie overs. Tie into and upgrade existing 79' of 4" PL Main.
14485486	800150		Hwy 71 and Gregory Grid Replacement Phase J - IUI	2	\$343,933.90	\$335,021.40	2.59%	A 150ft 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 upgraded and leak surveyed along with the three services on it. The other 3ft of abandonment was in association with a transition fitting.
14485444	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 integrated into the new system.
15127008	800578		Neosho C-0002 Bare Steel Replacement Grid Phase 2	3	\$781,191.46	\$760,808.12	2.61%	Upgrade existing 599' 2" & 4" PL main in alley between Main St. & Spring St. instead of abandoning it.
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.
17353150	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.
14586737	800260		Clarksburg Grid Phase A - Miller	3	\$355,219.36	\$345,224.58	2.81%	Main should have been leak surveyed and utilized
14487034	800155		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
14978366	800453	ASBUILT	Mays Rd W of US Rt 24 Phase 1 - Spire	4	\$2,508,483.70	\$2,433,524.45	2.99%	Existing Main MP. New main installed at IP. 10 PL services abandoned due to inactivity. Move tie ins to utilize 35' of PL Main. Move cap to utilize 13' of PL Main. Tie into and upgrade existing 806' of PL MP Main allowing for 15 services to be upgraded instead of tied over.
14599416	800290		Rt 24 & Sterling Bare Main - IUI	3	\$426,071.19	\$413,240.60	3.01%	PL main could have been upgraded/updated instead of abandoned.
17170177	801982	Estimate	Hegginville Strategic Grid Phase 1C - Miller	2	\$670,461.84	\$650,233.94	3.02%	PL was abandoned for ease of construction
15516624	800971		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.
15526236	800977		Liberty and Stone Replacement - IUI	3	\$873,732.18	\$841,806.68	3.43%	Relocation due to public improvement expanded
16748975	801649		Norborne MO- BS Main Replacement Phase 3	2	\$538,708.59	\$515,828.40	3.50%	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 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.
14451380	800091		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
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. 61ft 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 accounted for approximately 350 FL 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 Prairie Street and replaced by 46 ft of PL main. 92 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 10 abandonments and 6 replacements.
14749887	801652		Norborne MO- BS Main Replacement Phase 6-Miller	1	\$486,577.59	\$465,267.68	4.59%	Changed over 21 services from replacements to tie-overs
14665736	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 Phase - Ain 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

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

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

WO Number	Project	Based Off	Description	Category	Aggros cost to replace plastic	Aggros cost to utilize plastic	% difference	Comments
15058923	800597		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.
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 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.
14414583	800044		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.
15219927	800658		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).
14982630	800761		Concordia Grid Phase D - Miller	3	\$517,910.06	\$485,784.65	6.20%	1000' of main abandoned rather than leak surveyed and utilized
16134866	801360		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
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 Corde 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.
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
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
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.
15804900	801220		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
16548165	802003	ASBUILT	Walnut and Willis Replacement - IUI	3	\$295,653.37	\$265,264.89	10.28%	Part of a city paving project. Plastic on Crysker was designed to be tied into, but was replaced in the field. 3" main was only 12" deep at tie in location and was not traceable. After exposing it in a few places down crysker we found it was only 20" to 18" deep so we decided to replace it. Existing Main LP. New main installed at LP. Move fittings to utilize 149' of PL Main. Do not abandon and replace existing 617' of 3" PL Main. Remove 21 service tie overs.
18920484	802248	Estimate	N Bridge and E Church St - Smithville - Contractor	2	\$166,559.94	\$148,196.35	11.03%	PL was abandoned in several areas on the main for ease of construction. There was also PL abandoned with a service that was renewed.
15197773	800636		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
14771449	800726		Repl 4in P85 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
16811675	801801	ASBUILT	13th St - W of Tri-State to Schifferdecker - Header Main - IUI - Inman	4	\$484,247.96	\$476,547.79	1.59%	Saving 4" PL on W 13th St may cause flow restriction compared to installing new 6" PL. 2" PL abandoned due to ease of construction.
14690951	800396	Estimate	Baxter and Randolph BST Replacement - IUI	2	\$603,862.12	\$597,038.53	1.13%	5 services changed over from renewal to traditional transfers
15215855	800647	Estimate	Republic Strategic Grid Phase 3 - IUI	2	\$687,229.87	\$744,448.34	-8.33%	40' of 1 1/4" PL IP main abandoned on Olive St to the pipe wouldn't go from 2" to 1 1/4" and back to 2". Relocate 4" PL Cap on Anderson St between Main St & Pine St to save 20' that would not change the cost. Relocate 2" PL Cap on Anderson St to save 2' of 2" PL IP that would not change the cost. Tie-in proposed 2" PL IP to existing 2" PL IP at the intersection of Grant St & the Alleyway between Main St & Walnut St to use 145'. Tie-in proposed 2" PL IP to existing 2" PL IP at the intersection of College Ave & Anderson St for 170'. Tie-in proposed 2" PL IP to existing 2" PL IP on West Ave for 29'. Tie-in proposed 2" PL IP to existing 2" PL IP on College Ave for 11'. Tie-in proposed 2" PL IP to existing 2" PL IP on Grant St for 14'. Tie-in proposed 2" PL IP to existing 2" PL IP at the intersection of Harrison St & West Ave for 55'. Tie-in proposed 2" PL IP to existing 2" PL IP on Olive St for 14'. Would need to use an extra 12 tie-in holes to use this existing PL.
15838804	801251	Estimate	Carthage Area 2 Grid Phase 2B - IUI - Millford	1	\$1,213,194.01	\$1,213,194.01	0.00%	Project was install only with no services being replaced, no change between scenarios
16007953	801308	Estimate	Budd Park Grid Main Replacement Phase 2H - stalls - IUI	2	\$587,669.32	\$584,060.00	0.61%	3' of PL abandon due to position of tie-in. Difference between scenario 1 & 2 is the reuse/replace of plastic services.
16008037	801309	Estimate	Budd Park Grid Main Replacement Phase 2I - IUI	2	\$491,705.72	\$490,714.00	0.20%	Along Independence Ave Tie-in & Upgrade 4" PL LP to IP to utilize existing 329'.
16425701	801550	Estimate	Windsor Bare Steel Replacement Phase 8-Miller	2	\$749,400.47	\$749,400.47	0.00%	The costs for each scenario would be the same. The plastic footage that was replaced was leaking when it was air tested, and since it was a state highway it was tough to dig up and continue to air test. The crews replaced the plastic main that was degraded with bad tests. See email chain
17202209	801799	Estimate	Exposed Pipe - 200 W Ruth Erving Rd - IUI Bloss	1	\$514,140.91	\$510,900.24	0.63%	5 services changed over from renewal to transfers
17170031	801843	Estimate	Higgsville Strategic Grid Phase 1A - Miller	4	\$1,540,704.13	\$1,540,704.13	0.00%	Plastic service footage was abandoned in tie-overs to the new 8" PL IP header due to being moved closer to the service's riser.
16911002	801866	Estimate	E 55th St, Woodland - Michigan to Swope - Header Main - Miller	4	\$652,119.45	\$652,119.45	0.00%	No plastic main or services was abandoned.
16910790	801950	Estimate	Prospect, 55th St - 63rd to Woodland - Header Main - Miller	4	\$1,256,905.67	\$1,257,692.28	-0.06%	Tie-in & uprate proposed 6" PL IP into existing 61' of PL LP at the intersection of Prospect Ave & E 59th St. Tie-in & uprate existing 115' of 2" PL LP to IP at the intersection of Prospect Ave & E 58th St.
17225462	801952	Estimate	Bus Route Repl - Prospect Ave - E 18th St to Truman - IUI (HOLD)	2	\$198,247.88	\$198,247.88	0.00%	8' of 4" PL MP main abandoned to cap and separate the pressure systems.
17245044	801959	Estimate	Bus Route Repl - Prospect - E 59th St to E 51st St	2	\$431,288.25	\$431,805.54	-0.12%	Plastic service footage was abandoned in tie-overs to the new 4" & 2" PL IP main due to being moved closer to the service's riser. Difference in cost between Scenario 1 & 2 due to reuse/replace of plastic services.
16911045	801979	ASBUILT	Indiana, E 51st St, Swope, Blue Pkwy - E 55th St to Cleveland - Header Main-GPS	4	\$704,968.16	\$704,968.16	0.00%	Plastic service footage was abandoned in tie-overs to the new 6" PL IP header due to being moved closer to the service's riser. 1 service was abandoned but it was steel.
17007952	802039	Estimate	8th & Hardesty Grid Repl Phase 1A - IUI Stalls	1	\$844,927.74	\$844,927.74	0.00%	Plastic service footage was abandoned in tie-overs to the new 4" & 2" PL IP Main due to being moved closer to the service's riser.
17060697	802043	Estimate	8th & Hardesty Grid Repl Phase 1C-IUI	1	\$494,586.67	\$498,331.62	-0.76%	Along N Kensington Ave tie in & upgrade 4" PL LP main to IP to use existing 28'.
18700769	802130	Estimate	East Ozark 10th St Replacement - Spire	1	\$155,420.06	\$155,420.06	0.00%	No plastic main abandoned. Plastic service footage was abandoned in tie-overs to the new 4" & 2" PL IP Main due to being moved closer to the service's riser.
18955005	802275	Estimate	CP 43rd and Main Joplin - IUI - Nease	2	\$305,850.29	\$301,161.99	1.53%	PL was abandoned for ease of constructibility and as to not constrict flow.
19072904	802301	Estimate	Colonel & Liberty Grid Replacement Area Phase A - IUI	2	\$448,799.36	\$449,388.65	-0.13%	5 ft of plastic abandoned at a tie in location. Added tie in locating CU to account for labor related to location the plastic.
19115509	802330	Estimate	Admiral Blvd & Cherry St - Pipe Abandon - Spire	1	\$29,613.69	\$29,613.69	0.00%	428' of 2" ST abandoned due to leaks and no services.
19135763	802354	Estimate	25th and Drury - CI Replacement - Spire	1	\$26,368.90	\$26,368.90	0.00%	No plastic main abandoned. Plastic service footage was abandoned in tie-overs to the new 2" PL LP Main due to being moved closer to the service's riser.
19152008	802366	N/A	ADR - 18th St. and Lydia St. - 6" CI main	6	\$27,950.33	\$27,950.33	0.00%	No analysis needed - ADR

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

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

<u>Spire East WO</u>	<u>Description</u>	<u>07/18 to 12/18 Additions</u>
003816	BWO SERVICE LINE LEAK RESPONSIVE	\$ 22.43
004152	BWO-Repl Svc w/ Pls (North Reg)	\$ 6,434,931.73
004153	BWO-Repl Svc w/ Pls (South Reg)	\$ 421,504.14
004287	BWO MATERIAL SERV LINE REPL CONT	\$ (503.49)
004416	BWO-REPLACE SERVICE	\$ 3,418.35
004501	BWO-Repl Svc w/ Pls (SW Reg)	\$ 429,246.77
004600	BWO SERVICE LINE REPL MODIFIED BLOC	\$ (6.80)
004601	BWO SERVICE LINE REPL MODIFIED BLOC	\$ (11.29)
004609	BWO MATERIAL SERV LINE REPL COMP	\$ 556.33
009217	BWO-Replace Svc w/ Steel (North)	\$ 11,492.91
009218	BWO-Replace Svc w/ Steel (South)	\$ 16,665.23
009219	BWO-Replace Svc w/ Steel (Southwest)	\$ 17,694.54
007052	BWO Main Installed Mtce-North Reg	\$ 178,429.36
007053	BWO Mains Installed Mtce -South Reg	\$ 18,945.57
007054	BWO Mains Installed Mtce-Southwest	\$ 59,106.89
003838	Mayfair Ph2 Repl CS w 8000'-20in TF	\$ 29.24
003969	BWO-Encapsulation Cast Iron Joints	\$ 128,527.45
016161	Install rectifier at Hwy 78&Powell	\$ (3.62)
017393	Ground Bed Replace - Armstrong (S)	\$ (75.43)
017434	Ground Bed Replace - Noel (SW)	\$ 17,249.77
017435	Ground Bed Replace -Greenfield(SW)	\$ (72.03)
017436	Ground Bed Replace -Diamond (SW)	\$ (88.90)
017438	Ground Bed Replace - Anderson (SW)	\$ 15,742.36
017439	Ground Bed Replace -16&Bellevue(N)	\$ (482.30)
018613	Rebuild rectifier - Hwy 40	\$ (301.55)
024413	Install new rectifier - Main St	\$ 17,715.93
024453	Repl ground bed 9th & Davis	\$ 11,199.47
025526	Install anode bed - Liberty, MO	\$ 10,828.52
023633	Install rectifier N Peace Church Av	\$ 8,159.13
15653	Replace regulator on DRS #11	\$ 5,072.72
015654	Rebuild regulator #29	\$ 4,353.03
020413	Rebuild Higginsville DRS #2	\$ 40,460.56
Total		\$ 7,849,807.02

Spire West Blanket Work Order Summary

Service Line Replacement

Total Blanket WO Service Line Replacement Projects	970	
Total Blanket WO Service Line Replacement Project Dol \$	7,335,010.85	Sum of Lines 1-14

Blanket WO Service Line Replacement Categories

Steel and Copper	611	62.99%
Leak Repairs (other than Steel and Copper)	34	3.51%
Ineligible Items	186	19.18%
Service Line Replacement Program	139	14.33%

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

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

Service Line Replacement Summary

Eligible Items		784	80.82%
Ineligible Items		186	19.18%
Total		970	
Eligible Blanket WO Service Line Replacement Dollars		\$	5,928,503.61

Maintenance of Mains - MTCE

Total Blanket WO MTCE Projects		33	
Total Blanket WO MTCE Project Dollars	\$	256,481.82	
Leak Repair		6	18.18%
Ineligible Items		19	57.58%
Eligible Relocation (Civic Improvement)		3	9.09%
Cast Iron, Steel, Abandonments, or other eligible		5	15.15%

Summary

Eligible Items		14	42.42%
Ineligible Items		19	57.58%
Total		33	
Eligible Dollars		\$	108,810.47

Encapsulation - Cast Iron Joints

Total Eligible Blanket WO Encapsulation Project Dollars		\$	128,527.45
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Mains - Cathodic Protections

Total Eligible Blanket WO Encapsulation Project Dollars		\$	79,871.35
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Regulator Stations

Total Eligible Blanket WO Regulator Station Project Dollars		\$	49,886.31
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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		\$	6,295,599.19
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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	(29.25)	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
376100-Mains - Steel	025526	F0503	Install anode bed - Liberty, MO	201901	10,828.52	b	A, B, I, K
376100-Mains - Steel	024453	F1194	Repl ground bed 9th & Davis	201901	11,199.47	b	A, B, I, K
376100-Mains - Steel	024413	F1194	Install new rectifier - Main St	201901	17,715.93	b	A, B, I, K
Total Mains Cathodic Protection					79,871.35		
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
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201812	1,913.21	b	A, B, I, K
376200-Mains - Cast Iron	003969	F0524	BWO-Encapsulation Cast Iron Joints	201901	(248.40)	b	A, B, I, K
Total Main Leak Clamps					128,527.45		
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
378000-Meas & Reg Station Equipment	015653	F1191	Replace regulator on DRS #11	201901	5,072.72	a	A, B, K, M
378000-Meas & Reg Station Equipment	020413	F0741	Rebuild Higginsville DRS #2	201901	40,460.56	a	A, B, K, M
Total Measuring and Regulating Station Equipment					49,886.31		
Mains - Relocation							
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201807	(12.02)	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201807	44,202.36	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201807	(331.97)	c	na
376300-Mains - Plastic	800526	F0578	Rel w 1600F 2-4P Pacific & Sunrise	201807	0.16	c	na
376100-Mains - Steel	800546	F0547	Rel w 70F 4S Green Hills&Parkdale	201807	(168.36)	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201807	1.19	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201807	0.01	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201807	0.73	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201807	12,338.02	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201807	(1.89)	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201807	(0.79)	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201807	(1,573.74)	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201807	(362.58)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201807	95,430.93	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201807	(643.62)	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201807	21,444.22	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201807	(629.33)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	(13.20)	c	na
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201807	(0.82)	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201807	22.40	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201807	(229.22)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	0.02	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201807	0.95	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201807	(1,134.74)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/40 20th to 22nd	201807	(21.26)	c	na
376300-Mains - Plastic	801293	F0664	Reloc 1324F 6P 32nd St Central City	201807	(1,684.03)	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201807	41.61	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201807	(52.72)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201807	495.75	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201807	(2,402.07)	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201807	(149.87)	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	(3.32)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201807	(62.03)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201807	3.79	c	na
376300-Mains - Plastic	801509	F0578	Reloc 280F 4P Englewood ArtDistrict	201807	(12.87)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201807	(34.18)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham St of 64th	201807	(58.80)	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201807	(265.04)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201807	(0.53)	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201807	(29.37)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201807	(258.61)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201807	1,076.69	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201807	20.27	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201807	76.14	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201807	(212.81)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201807	(2,428.31)	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201807	(63.59)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201807	99.23	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201807	576.17	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201807	390.49	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201807	(7.29)	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201807	2,168.41	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201807	(73.64)	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201807	1,718.21	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201807	(49.51)	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201807	34.14	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201807	3,229.54	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201807	(31.32)	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201807	(935.52)	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	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201807	50,746.92	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201807	(1,924.50)	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201807	42,918.23	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201807	47,767.45	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201808	(15.13)	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201808	(3.55)	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201808	(642.87)	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201808	0.16	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201808	(1,423.53)	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201808	(1,933.89)	c	na
376100-Mains - Steel	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201808	(420.16)	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201808	(1,110.53)	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201808	24,393.54	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201808	4,182.65	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201808	(0.91)	c	na
376300-Mains - Plastic	800950	F0664	Reloc 1170F 2-4P 4th & School Ph 1	201808	(5,783.43)	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201808	(3,045.79)	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201808	(1,297.28)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201808	(1,929.72)	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201808	13,599.14	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201808	17,869.76	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201808	(5,312.23)	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201808	(14.99)	c	na
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201808	(1.02)	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201808	(6,650.22)	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201808	(553.69)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201808	90.56	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201808	8,029.25	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201808	22,675.78	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201808	(5,143.63)	c	na
376300-Mains - Plastic	801287	F0664	Reloc 810F 4P 20th St. Connecticut	201808	(4,060.60)	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201808	52.55	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201808	(66.44)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201808	(426.62)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201808	(45.10)	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201808	223,010.98	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201808	515.60	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201808	(5.35)	c	na
376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201808	(100.82)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201808	(23.23)	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201808	(132.98)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201808	(42.82)	c	na
376300-Mains - Plastic	801578	F0547	Reloc 395F 2-8P N Chatham N of 64th	201808	70,947.89	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham Sth of 64th	201808	246.14	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201808	(5,805.16)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201808	(0.63)	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201808	(37.27)	c	na
376100-Mains - Steel	801585	F0664	Reloc 30F 4S 3rd and Jay St	201808	(6.95)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201808	5,757.60	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201808	(2,538.81)	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201808	(9,586.73)	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201808	(738.10)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Chrysler&70 MODOT	201808	(2,282.08)	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201808	(1,472.65)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201808	(433.10)	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201808	(76.32)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201808	1.17	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201808	(77.12)	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201808	1,887.88	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201808	(1,395.90)	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highway & Florida	201808	(502.79)	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201808	347,994.15	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-6S 39th & Noland Rd	201808	525.66	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201808	3,353.17	c	na
376300-Mains - Plastic	801907	F0547	Reloc 59F 2P 88th & Eastman	201808	4,718.46	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&S N Main-8th/10th	201808	208.14	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&S N Main-8th/10th	201808	6,217.76	c	na
376300-Mains - Plastic	801927	F0547	Reloc 456F 2-4P SpringValley & 96th	201808	108,506.16	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201808	19,723.61	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201808	(583.33)	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201808	508.56	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201808	8,185.14	c	na
376300-Mains - Plastic	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201808	101,033.07	c	na
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201808	61,989.03	c	na
376300-Mains - Plastic	800383	F0547	Target Marlborough East Ph 2 Reloc	201809	(22.14)	c	na
376300-Mains - Plastic	800385	F0547	Rel w/ 2320F 2P 22nd&23rd St-Wabash	201809	(2.32)	c	na
376300-Mains - Plastic	800470	F0547	Reloc 1124F 6P Englewood Phase 1A	201809	(619.94)	c	na
376300-Mains - Plastic	800526	F0578	Rel w/ 1600F 2-4P Pacific & Sunrise	201809	0.28	c	na
376100-Mains - Steel	800546	F0547	Rel w/ 70F 4S Green Hills&Parkdale	201809	(300.18)	c	na
376300-Mains - Plastic	800552	F0547	Rel w/ 165F 2P 72nd St KC MO Sewer	201809	2.07	c	na
376300-Mains - Plastic	800553	F0547	Rel w/ 812F P Marlborough WestPh3	201809	1.32	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201809	(134.01)	c	na
376300-Mains - Plastic	800596	F0664	Reloc w/ 9290F 2-4-6P 4th Street	201809	(40,338.37)	c	na
376300-Mains - Plastic	800728	F0664	Reloc 2621F 2P Broadway & Zora	201809	(1.29)	c	na
376300-Mains - Plastic	800950	F0664	Reloc 1170F 2-4P 4th & School Ph 1	201809	25,771.38	c	na
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201809	(188,788.41)	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201809	(14,252.67)	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201809	(2,294.16)	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201809	4,987.84	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201809	(3,896.23)	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201809	18,992.10	c	na
376100-Mains - Steel	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	(21.96)	c	na
376300-Mains - Plastic	801059	F0578	Reloc 1848F 8-12S Truman Rd & Hwy78	201809	(1.46)	c	na
376300-Mains - Plastic	801070	F0547	Reloc 250F 2P PBS CLAYCOMO IJL	201809	30,084.15	c	na
376300-Mains - Plastic	801080	F0547	Reloc 2127F 2-4-6P Pleasant Val Ph2	201809	16.71	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201809	9,845.52	c	na
376300-Mains - Plastic	801084	F0547	Reloc 2794F 6P Pleasant Valley Ph 5	201809	(461.58)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	0.01	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201809	1.72	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201809	(2,029.98)	c	na
376300-Mains - Plastic	801191	F0664	Reloc 1130F 4P TX/AZ 20th to 22nd	201809	15,973.96	c	na
376300-Mains - Plastic	801287	F0664	Reloc 810F 4P 20th St. Connecticut	201809	9,994.12	c	na
376300-Mains - Plastic	801349	F0664	Reloc 297F 4P F2005 Project Joplin	201809	77.54	c	na
376300-Mains - Plastic	801353	F0578	Reloc 3542F 2-4-6P S School Rd	201809	(96.74)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201809	(145.91)	c	na
376300-Mains - Plastic	801386	F0664	Reloc 1892F 2-6P 15th & Delaware	201809	6,193.15	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201809	(2,154.02)	c	na
376100-Mains - Steel	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201809	268.57	c	na
376300-Mains - Plastic	801407	F0547	Reloc 1270F 4P Pleasant Valley Ph 4	201809	(1,506.83)	c	na
376100-Mains - Steel	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	(4.76)	c	na

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376300-Mains - Plastic	801443	F0664	Reloc 863F 4S 4-6P 20th & Murphy	201809	(89.81)	c	na
376100-Mains - Steel	801447	F0547	Reloc 16F 2S 7013 N Baltimore	201809	3.09	c	na
376300-Mains - Plastic	801509	F0578	Reloc 260F 4P Englewood ArtDistrict	201809	(41.57)	c	na
376300-Mains - Plastic	801555	F0578	Reloc 2730F 2-6P Ward-Tudor Donovan	201809	(71.94)	c	na
376300-Mains - Plastic	801578	F0547	Reloc 395F 2-8P N Chatham N of 64th	201809	(52.99)	c	na
376300-Mains - Plastic	801579	F0547	Reloc 320F 4P N Chatham St of 64th	201809	(131.45)	c	na
376300-Mains - Plastic	801580	F0578	Reloc 1075F 4P 19th & Norwood	201809	(502.44)	c	na
376100-Mains - Steel	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201809	(0.95)	c	na
376300-Mains - Plastic	801586	F0547	Reloc 49F 2S Smithville @ Hawthorne	201809	(54.90)	c	na
376100-Mains - Steel	801595	F0664	Reloc 30F 4S 3rd and Jay St	201809	(8.35)	c	na
376300-Mains - Plastic	801662	F0578	Reloc 1927F 4-6P Griffith Place	201809	(535.04)	c	na
376300-Mains - Plastic	801680	F0547	Reloc 15F 2P Bennington & 38th	201809	5.23	c	na
376300-Mains - Plastic	801683	F0547	Reloc 15F 4P NE 45th & N Holmes	201809	13.17	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201809	(6,348.35)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201809	(1,914.66)	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201809	(135.16)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201809	37.19	c	na
376300-Mains - Plastic	801829	F0547	Reloc 300F 2P Moore Drive & Amity	201809	(59.48)	c	na
376300-Mains - Plastic	801833	F0664	Reloc 285F 2P Zora -Miller to Ozark	201809	(24.63)	c	na
376300-Mains - Plastic	801841	F0578	Reloc 60F 2P RD Mize	201809	12.87	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201809	(1,186.56)	c	na
376300-Mains - Plastic	801856	F0547	Reloc 550F 6P 22nd-23rd Connector	201809	(133.97)	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201809	6,537.83	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201809	132,735.67	c	na
376100-Mains - Steel	801901	F0578	Reloc 373F 6-8S 39th & Noland Rd	201809	(32.11)	c	na
376300-Mains - Plastic	801902	F0578	Reloc 110F 4P 42nd St Trinity Woods	201809	(1,082.03)	c	na
376300-Mains - Plastic	801907	F0547	Reloc 58F 2P 86th & Eastern	201809	(134.87)	c	na
376100-Mains - Steel	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201809	(23.66)	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201809	(706.29)	c	na
376300-Mains - Plastic	801927	F0547	Reloc 456F 2-4P SpringValley & 96th	201809	(857.86)	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1922F 4P Mansfield-SW Pkwy/14	201809	(3,376.12)	c	na
376300-Mains - Plastic	801983	F0547	Reloc 395F 2-4P Lawson Main	201809	19,421.67	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201809	(299.72)	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201809	5,754.46	c	na
376300-Mains - Plastic	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201809	(826.12)	c	na
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201809	5,775.42	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201809	34,423.00	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
376300-Mains - Plastic	800961	F0547	Reloc 6883F 2-6P Wornall & 85th Ph3	201810	(40,240.43)	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201810	(31,860.03)	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201810	(20,283.96)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201810	(18,984.35)	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201810	(6,951.24)	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201810	(4,577.52)	c	na
376300-Mains - Plastic	802000	F0578	Reloc 590F 2P 10418 Truman Rd	201810	26.48	c	na
376300-Mains - Plastic	800956	F0664	Reloc w/ 9280F 2-4-6P 4th Street	201810	82.30	c	na
376300-Mains - Plastic	801925	F0578	Reloc 1735F 2-4P&4S N Main-8th/10th	201810	173.18	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201810	1,133.29	c	na
376300-Mains - Plastic	801706	F0664	Reloc 1392F 4P Turkey Creek Bridge	201810	2,359.29	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201810	3,313.26	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201810	4,035.87	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201810	6,817.96	c	na
376300-Mains - Plastic	801861	F0664	Reloc 1240F 2-4P Highview & Florida	201810	7,216.58	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201810	9,650.56	c	na
376300-Mains - Plastic	801845	F0664	Reloc 1019F 2-4P F4010 Reloc Joplin	201810	19,342.07	c	na
376300-Mains - Plastic	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201810	23,397.61	c	na
376300-Mains - Plastic	802220	F0547	Reloc 1595F 2P Edgerton - Belt Ave	201810	56,639.43	c	na
376300-Mains - Plastic	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201810	57,450.12	c	na
376300-Mains - Plastic	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201810	126,429.06	c	na
376300-Mains - Plastic	800586	F0547	Rel w/ 8935F 2P Marlborough Ph5	201810	165,500.46	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201811	(415.35)	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201811	(171.64)	c	na
376300-Mains - Plastic	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201811	(47.79)	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201811	(41.31)	c	na
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201811	(38.53)	c	na
376100-Mains - Steel	801781	F0664	Reloc 14F 4S Lockwood & 12th	201811	(15.83)	c	na
376300-Mains - Plastic	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201811	(5.29)	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201811	(0.96)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201811	0.10	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201811	8.49	c	na
376300-Mains - Plastic	801927	F0547	Reloc 456F 2-4P SpringValley & 96th	201811	301.92	c	na
376300-Mains - Plastic	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201811	565.28	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201811	610.71	c	na
376300-Mains - Plastic	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201811	1,918.89	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201811	3,421.69	c	na
376300-Mains - Plastic	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201811	5,846.93	c	na
376300-Mains - Plastic	802311	F0547	Reloc 735F 4P N Oak-Hill to Indiana	201811	27,241.12	c	na
376300-Mains - Plastic	802220	F0547	Reloc 1595F 2P Edgerton - Belt Ave	201811	32,779.39	c	na
376300-Mains - Plastic	802222	F0547	Reloc 150F 6P 12th & Charlotte	201811	44,000.30	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201811	47,681.06	c	na
376300-Mains - Plastic	801958	F0547	Reloc 393F 4P Prospect at 35th	201811	50,769.38	c	na
376100-Mains - Steel	801504	F0547	Reloc 2730F 4S 155th Kensington Ph1	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
376300-Mains - Plastic	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201812	(20,329.65)	c	na
376300-Mains - Plastic	802222	F0547	Reloc 150F 6P 12th & Charlotte	201812	(10,579.55)	c	na
376300-Mains - Plastic	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201812	(5,508.80)	c	na
376300-Mains - Plastic	802311	F0547	Reloc 735F 4P N Oak-Hill to Indiana	201812	(4,380.85)	c	na
376300-Mains - Plastic	801578	F0547	Reloc 395F 2-8P N Chatham N of 64th	201812	(662.59)	c	na
376300-Mains - Plastic	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201812	(455.41)	c	na
376100-Mains - Steel	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201812	(62.10)	c	na
376300-Mains - Plastic	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201812	0.06	c	na
376100-Mains - Steel	802008	F0578	Reloc 15F 4S E 30th Ter & Gateway	201812	0.60	c	na
376100-Mains - Steel	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201812	0.74	c	na
376300-Mains - Plastic	802238	F0578	Reloc 150F 4P Main at Stone	201812	8.13	c	na
376300-Mains - Plastic	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201812	41.48	c	na
376300-Mains - Plastic	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201812	60.50	c	na
376300-Mains - Plastic	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201812	157.76	c	na
376300-Mains - Plastic	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201812	180.93	c	na
376300-Mains - Plastic	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201812	330.27	c	na
376100-Mains - Steel	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201812	641.28	c	na
376300-Mains - Plastic	801361	F0547	Reloc 370F 2P Bennington Widening	201812	695.44	c	na
376100-Mains - Steel	801504	F0547	Reloc 2730F 4S 155th Kensington Ph1	201812	822.35	c	na
376300-Mains - Plastic	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201812	883.59	c	na
376100-Mains - Steel	802202	F0664	Reloc 15F 4P Brick Street Uprate	201812	4,093.11	c	na
376300-Mains - Plastic	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th&9th	201812	4,797.31	c	na
376300-Mains - Plastic	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201812	6,993.50	c	na
376300-Mains - Plastic	801921	F0547	Reloc 2160F 2-4P Old Pike / NW 53rd	201812	7,316.79	c	na

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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
376100-Mains - Steel	800282	F0572	Repl w 3883F 2-4P Webb City Ph 2G	201807	0.15	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
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201807	(1.23)	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 Ph 1	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 Grd Ph 2C	201807	96.11	a	A, B, C, K
376300-Mains - Plastic	800340	F0599	Repl w 2448F 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-P 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
376100-Mains - Steel	800432	F0599	Repl w 11324F 2-4P Marlborough Ph 2	201807	90.04	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 Ph 1	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
376100-Mains - Steel	800463	F0599	Repl w 2144F 2-4-6-8P 13 & Virginia	201807	0.12	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
376100-Mains - Steel	800528	F0604	Repl w 2550F 20S Hwy291 MORiver Sou	201807	(13,833.53)	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
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201807	1.38	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	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 Ph A	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	(236.47)	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	(29,055.39)	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	Rel 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	(3,193.89)	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
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 1011F 2-5P 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
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S - Concordia Ph F	201807	(39.00)	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	(6,589.94)	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	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201807	(1.07)	a	A, B, C, F, 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	Rel 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
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201807	108,928.17	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
376300-Mains - Plastic	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201807	(42.62)	a	A, B, C, F, K
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	(778.74)	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcouxie Phase 2	201807	4.05	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
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcouxie Phase 3	201807	(40.65)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcouxie Ph 1	201807	11.81	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

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
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201807	(8.00)	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	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201807	(0.45)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201807	982.11	a	A, B, C, F, 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	6,370.97	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201807	6,223.09	a	A, B, C, K
376300-Mains - Plastic	801297	F0599	Repl 380F 2P Cherry and Gillham 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
376100-Mains - Steel	801439	F0599	Repl 15F 24S 59th & Indiana - Valve	201807	(1,253.51)	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 VioS 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
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201807	4.60	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	801602	F0599	Repl 30F 8P Topping & Smart AOR	201807	1,023.56	a	A, B, C, F, 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	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201807	(13.72)	a	A, B, C, F, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201807	105.75	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 6815F 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-51 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	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201807	7,251.15	a	A, B, C, F, 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 - Cl	201807	41,956.30	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Carterbury	201807	453.94	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
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201807	510.89	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	12,126.14	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/ 4560F 2P Liberty Phase F	201808	(3.70)	a	A, B, C, K
376300-Mains - Plastic	800124	F0599	Repl w/ 3375F 2P Liberty PhC	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
376100-Mains - Steel	800224	F0599	Repl w 2710F 20S Hwy291MoRiver Nort	201808	4,005.97	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	(5.76)	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
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

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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	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
376100-Mains - Steel	800282	F0572	Repl w/ 3883F 2-4P Webb City Ph 2G	201808	(1.69)	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
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201808	(0.71)	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
376100-Mains - Steel	800287	F0572	Repl w/ 1183F 2-4-6P Webb City Ph 2I	201808	174.92	a	A, B, C, K
376300-Mains - Plastic	800287	F0572	Repl w/ 1183F 2-4-6P Webb City Ph 2I	201808	114,963.16	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
376100-Mains - Steel	800432	F0599	Repl w/ 11324F 2-4P Marlborough Ph 2	201808	(18.53)	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 & Kriger	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 Meves-VW R124 Ph1	201808	907,364.65	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
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
376100-Mains - Steel	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Phase3	201808	1.77	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	800587	F0604	Repl w/ 8960F 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 IUI	201808	(76.56)	a	A, B, C, K
376300-Mains - Plastic	800639	F0604	Repl w/ 5742F 2-4P East Dntwn 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	800686	F0599	Repl w/ 50F 4P - 805 Bales CtAOR	201808	(11,210.40)	a	A, B, C, F, 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/ 4424F 2-4-6-8P Wornall@85th	201808	(740.44)	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
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	39,390.77	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 9898F 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
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201808	(1,366.11)	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 9070F 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 E	201808	(490.74)	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	800899	F0599	Repl w/ 175F 2P 2722 Raytown RdAOR	201808	(1.34)	a	A, B, C, F, 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 9085F 2P Liberty & Stone	201808	(8.12)	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
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	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201808	3.08	a	A, B, C, F, 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	(5,429.32)	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcozie Phase 2	201808	(173.40)	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

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376300-Mains - Plastic	801125	F0572	Repl 3065F 2-4P 16th & Bird	201808	(148.63)	a	A, B, C, K
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcocoe Phase 3	201808	(231.38)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcocoe Ph 1	201808	15.32	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
376300-Mains - Plastic	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201808	(1,744.99)	a	A, B, C, K
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201808	(8.08)	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 Shelley & 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	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201808	(0.57)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201808	(31.82)	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 4-6P 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
376100-Mains - Steel	801360	F0599	Abans 891F 6S 1803 NE 80w Terr	201808	(5,108.42)	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	(648.19)	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
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201808	(599.11)	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
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201808	5.28	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	801602	F0599	Repl 30F 8P Topping & Smart AOR	201808	(146.84)	a	A, B, C, F, 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 Lewis on Fairview	201808	(1,059.78)	a	A, B, C, K
376300-Mains - Plastic	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201808	(18.17)	a	A, B, C, F, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201808	(5.77)	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 Ph1 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	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201808	(1,100.92)	a	A, B, C, F, 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
376100-Mains - Steel	801886	F0604	Repl 1030F 12S Colbern Under Creek	201808	(1,552.66)	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 1910F 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	802154	F0599	Repl 205F 4P 33rd & Chestnut AOR	201808	29,975.66	a	A, B, C, F, K
376300-Mains - Plastic	800075	F0604	Tipton Grid Phase E - Bare steel re	201809	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 I	201809	(113.87)	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 28x4P 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

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	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
376100-Mains - Steel	800224	F0599	Repl w/ 2710F 20S Hwy291MoRiver Nort	201809	1,085.06	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
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
376100-Mains - Steel	800282	F0572	Repl w/ 3883F 2-4P Webb City Ph 2G	201809	61.48	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
376100-Mains - Steel	800285	F0604	Repl 2470F 2P Carrollton Phase H	201809	(1.05)	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
376100-Mains - Steel	800287	F0572	Repl w/ 1183F 2-4-6P Webb City Ph 2I	201809	(0.81)	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 2-4P St Joe Grid Ph 2C	201809	99.32	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-P 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
376100-Mains - Steel	800432	F0599	Repl w/ 11324F 2-4P Marlborough Ph 2	201809	22,814.81	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 & Kriger	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
376100-Mains - Steel	800463	F0599	Repl w/ 2144F 2-4-6-8P 13 & Virginia	201809	0.19	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
376100-Mains - Steel	800480	F0604	Repl 8430F 2-4P Pleasant Hill Ph 8	201809	16,027.94	a	A, B, C, K
376300-Mains - Plastic	800480	F0604	Repl 8430F 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
376100-Mains - Steel	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Phase3	201809	2.56	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Phase3	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	800627	F0599	Repl 40F 4P AOR 2026 48th Ter	201809	2,548.06	a	A, B, C, F, 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	800686	F0599	Repl w/ 50F 4P - 805 Bales C/OAR	201809	(1,852.31)	a	A, B, C, F, 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
376100-Mains - Steel	800720	F0599	Repl w/ 4138F 2-4P Hwy 71 Gregory-M	201809	(4.20)	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 8989F 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
376100-Mains - Steel	800763	F0604	Repl 11571F 2-4 P&S -Concordia Ph F	201809	38,489.52	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

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	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201809	628.94	a	A, B, C, F, 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
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201809	103.15	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
376100-Mains - Steel	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201809	20,828.71	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	801062	F0599	Repl 40F 6P AOR 3046 Holmes	201809	(1.94)	a	A, B, C, F, K
376300-Mains - Plastic	801063	F0599	Repl 430F 4P 27th & McGee	201809	(926.67)	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201809	(33,119.82)	a	A, B, C, K
376100-Mains - Steel	801096	F0572	Repl 10540F 6P Sarcoxie Phase 2	201809	(27.32)	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
376100-Mains - Steel	801142	F0572	Repl 4205F 6S Sarcoxie Phase 3	201809	(93.96)	a	A, B, C, K
376100-Mains - Steel	801148	F0572	Repl 5305F 6S Sarcoxie Ph 1	201809	10.51	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
376100-Mains - Steel	801179	F0604	Repl 8770F 2-4-6-12P 59th & Woodson	201809	5,643.64	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
376100-Mains - Steel	801193	F0572	Repl 6790F 2-4P Carthage Area Ph 1A	201809	(12.44)	a	A, B, C, K
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 Shiley & E33rd Ter	201809	351,565.48	a	A, B, C, K
376300-Mains - Plastic	801223	F0604	Repl 1420F 2P W&E Cleveland@Holden	201809	(6.81)	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	32,998.22	a	A, B, C, K
376300-Mains - Plastic	801241	F0599	Repl 30F 6P 50th & Agnes AOR	201809	(0.83)	a	A, B, C, F, K
376300-Mains - Plastic	801242	F0599	Repl 30F 6P 37th & Pennsylvania AOR	201809	(2.98)	a	A, B, C, F, 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 630F 2-4P Budd Park Grnd Ph2B	201809	31,366.58	a	A, B, C, K
376300-Mains - Plastic	801304	F0599	Repl 6300F 2-4P Budd Park Phase 2D	201809	510,266.28	a	A, B, C, K
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201809	275,653.21	a	A, B, C, K
376300-Mains - Plastic	801315	F0604	Repl 1182F 2P Franklin and Jewell	201809	(3.05)	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
376100-Mains - Steel	801439	F0599	Repl 15F 24S 55th & Indiana - Valve	201809	(684.04)	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 VtoS 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 9th to 6th	201809	(3,028.34)	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
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	801602	F0599	Repl 30F 8P Topping & Smart AOR	201809	(110.67)	a	A, B, C, F, 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	801628	F0599	Repl 400F 4P 6th & Cleveland AOR	201809	(37.86)	a	A, B, C, F, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201809	(7.00)	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 Bellevue/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/Wornall	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	801834	F0599	Repl 881F 4P 29th & Cleveland AOR	201809	(199.59)	a	A, B, C, F, 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 7th to E 50th	201809	20,388.12	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 950F 2P 28th Tier & 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	(2,609.50)	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
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201809	(4,043.58)	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

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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	802154	F0599	Repl 205F 4P 33rd & Chestnut AOR	201809	(1,716.52)	a	A, B, C, F, K
376300-Mains - Plastic	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201809	10,163.36	a	A, B, C, F, 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 Phase3	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
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 2-4-6-8P Big Blue BF Ph 1A	201810	193.80	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7528F 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 Cl 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 Wornall & 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 IJL	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	680,796.70	a	A, B, C, K
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vevue, Wymoe, 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	800627	F0599	Repl 40F 4P AOR 2026 48th Ter	201810	891.87	a	A, B, C, F, K
376300-Mains - Plastic	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201810	1,775.64	a	A, B, C, F, 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/Wornall	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
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	801723	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	802032	F0604	Repl 1215F 2P Maywood Ave	201810	2,296.66	a	A, B, C, K
376300-Mains - Plastic	801378	F0604	Repl 8810F 2-4P Waverly MC 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 Rt24 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	(58,208.76)	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	49,447.03	a	A, B, C, K
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201810	774,608.37	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	(6,687.41)	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	801250	F0604	Repl 9740F 2P Windsor Phase3 Miller	201811	(411.02)	a	A, B, C, K
376300-Mains - Plastic	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201811	(377.47)	a	A, B, C, F, K
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand Ph 1C	201811	(335.70)	a	A, B, C, K

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376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201811	(268.09)	a	A, B, C, K
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201811	(219.59)	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201801	(194.94)	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201811	(188.37)	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6550F 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 1I	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 1	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
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	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
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
376100-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201811	28.23	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 Staley & 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
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201811	92.20	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 Maves-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-D	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	802154	F0599	Repl 205F 4P 33rd & Chestnut AOR	201811	1,331.20	a	A, B, C, F, 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	800992	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 CI Grid Repl Phase 1B	201811	3,517.60	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4190F 2-4P Pinnac 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 27th	201811	4,415.48	a	A, B, C, K
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 2F	201811	7,581.50	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	22,952.14	a	A, B, C, K
376300-Mains - Plastic	800859	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 VioSt 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	40,868.55	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	802248	F0599	Repl 1075F 2-6P N Bridge & E Church	201811	86,010.29	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	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201811	199,797.87	a	A, B, C, F, 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	329,913.49	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 W1,19th,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
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201812	(103,361.17)	a	A, B, C, K
376300-Mains - Plastic	800801	F0599	Repl 6360F 2-4P Dunn Park W of 71 1E	201812	(80,338.42)	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201812	(77,378.46)	a	A, B, C, K
376300-Mains - Plastic	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-D	201812	(57,789.02)	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201812	(56,319.85)	a	A, B, C, K
376300-Mains - Plastic	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201812	(49,830.79)	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201812	(26,986.02)	a	A, B, C, K
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201812	(17,917.81)	a	A, B, C, K
376300-Mains - Plastic	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201812	(13,108.89)	a	A, B, C, K
376300-Mains - Plastic	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201812	(12,744.74)	a	A, B, C, K
376300-Mains - Plastic	802154	F0599	Repl 205F 4P 33rd & Chestnut AOR	201812	(3,669.23)	a	A, B, C, F, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201812	(1,724.12)	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201812	(1,567.33)	a	A, B, C, K
376300-Mains - Plastic	801673	F0599	Repl 530F 2P William Jewell College	201812	(1,494.69)	a	A, B, C, K
376300-Mains - Plastic	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201812	(1,473.33)	a	A, B, C, K
376300-Mains - Plastic	802235	F0599	Repl 35F 4P 53rd St & Troost APR	201812	(1,352.33)	a	A, B, C, K
376300-Mains - Plastic	801806	F0572	Repl 5080F 4-6P W1,19th,20th,IL, IN	201812	(954.63)	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201812	(323.86)	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201812	(95.53)	a	A, B, C, K
376300-Mains - Plastic	800092	F0604	Inst 4644F 2P Belton Ph	201812	(19.90)	a	A, B, C, K
376300-Mains - Plastic	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201812	(19.66)	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201812	(4.72)	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201812	(0.02)	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201812	0.01	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201812	0.06	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201812	0.42	a	A, B, C, K
376100-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201812	0.74	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph 1	201812	1.85	a	A, B, C, K
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201812	3.71	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201812	4.68	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherry & Noland Rd	201812	6.28	a	A, B, C, K

Spire Missouri West
 ISRS - Case # GO-2019-0116
 ISRS Work Order Additions July 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	201812	11.04	a	A, B, C, K
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201812	13.16	a	A, B, C, K
376200-Mains - Cast Iron	800899	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201812	15.74	a	A, B, C, F, K
376300-Mains - Plastic	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201812	22.62	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201812	28.87	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201812	38.37	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w 6280F 2P 63rd & 55th St 1B	201812	40.90	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201812	40.69	a	A, B, C, K
376300-Mains - Plastic	801548	F0604	Repl 3215F 2-4P Windsor Ph 6 Miller	201812	43.97	a	A, B, C, K
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201812	45.40	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201812	55.64	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201812	59.20	a	A, B, C, K
376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201812	66.60	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201812	69.78	a	A, B, C, K
376300-Mains - Plastic	800313	F0572	Repl w 2490F 2-4P Marlintonville Ph F	201812	80.75	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Ralston	201812	86.18	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201812	89.16	a	A, B, C, K
376300-Mains - Plastic	800153	F0599	N Budd Park Cl Grid Repl Phase 1B	201812	90.37	a	A, B, C, K
376300-Mains - Plastic	800155	F0599	N Budd Park Cl Grid Repl Phase 1D	201812	88.84	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w 5940F 2-4P 63rd & 55th -1C	201812	96.12	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201812	112.01	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201812	116.61	a	A, B, C, K
376300-Mains - Plastic	800227	F0599	Valentine and Terrace St Replacemen	201812	131.97	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201812	135.14	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201812	139.48	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park Cl Repl Phase 1H	201812	160.53	a	A, B, C, K
376300-Mains - Plastic	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201812	165.22	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w 4794F 2-6P St Joe's Ph2E	201812	169.38	a	A, B, C, K
376300-Mains - Plastic	800029	F0599	AOR - 2601 Smart Ave	201812	173.41	a	A, B, C, F, K
376300-Mains - Plastic	800994	F0604	Repl 4717F 2P Belton Phase 1D	201812	199.46	a	A, B, C, K
376300-Mains - Plastic	800996	F0599	Repl 18490F 2-4P Wornall & 85th Ph2	201812	245.73	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201812	247.32	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201812	263.00	a	A, B, C, K
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201812	262.72	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201812	272.54	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201812	289.22	a	A, B, C, K
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mayes-W Rt24 Ph1	201812	378.39	a	A, B, C, K
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201812	391.05	a	A, B, C, K
376300-Mains - Plastic	801547	F0604	Repl 4795F 2P Windsor Phase5 Miller	201812	390.05	a	A, B, C, K
376300-Mains - Plastic	800668	F0572	Repl 7315F 2-4P Neosho Phase 1H	201812	385.27	a	A, B, C, K
376300-Mains - Plastic	800441	F0599	KC-39th & State Line Cast Iron PhA	201812	619.73	a	A, B, C, K
376300-Mains - Plastic	802276	F0599	Repl 139F 2P 20th & Jackson	201812	701.53	a	A, B, C, K
376300-Mains - Plastic	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201812	717.73	a	A, B, C, K
376300-Mains - Plastic	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201812	915.73	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201812	924.92	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201812	993.14	a	A, B, C, K
376300-Mains - Plastic	800989	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201812	1,086.15	a	A, B, C, F, K
376300-Mains - Plastic	802163	F0599	Repl 480F 4P 24th & Denver AOR	201812	1,089.34	a	A, B, C, F, K
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201812	1,174.12	a	A, B, C, K
376300-Mains - Plastic	802026	F0604	Repl 1305F 2-4P 33rd & Grand Ph 1D	201812	2,227.14	a	A, B, C, K
376300-Mains - Plastic	800467	F0599	Repl w 50F 6P 54th Terrace AOR	201812	2,353.03	a	A, B, C, F, K
376300-Mains - Plastic	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201812	3,490.79	a	A, B, C, K
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201812	3,551.15	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Wornall	201812	3,688.92	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201812	3,948.42	a	A, B, C, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201812	4,560.01	a	A, B, C, K
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201812	4,834.77	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201812	5,154.12	a	A, B, C, K
376300-Mains - Plastic	802287	F0599	Repl 85F 4P 26th St & College AOR	201812	5,600.26	a	A, B, C, F, K
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201812	6,094.55	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201812	6,781.94	a	A, B, C, K
376300-Mains - Plastic	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201812	8,451.45	a	A, B, C, F, K
376300-Mains - Plastic	800655	F0572	Repl 7805F 2-4-6P Neosho Phase 1C	201812	8,815.71	a	A, B, C, K
376300-Mains - Plastic	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201812	10,098.10	a	A, B, C, K
376300-Mains - Plastic	801285	F0604	Repl 380F 2P Willis & Hayward	201812	10,254.36	a	A, B, C, K
376300-Mains - Plastic	801224	F0599	Repl 1282F 2P 61st & Indiana	201812	10,805.55	a	A, B, C, K
376300-Mains - Plastic	800344	F0599	Repl w 2500F 2P St Joe South 2H	201812	11,759.40	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201812	12,862.49	a	A, B, C, K
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201812	13,109.66	a	A, B, C, K
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P St Joe South 2G	201812	12,532.19	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w 6935F 2-P St Joe South - 2F	201812	16,335.72	a	A, B, C, K
376300-Mains - Plastic	802171	F0599	Repl 3020F 2-4P 702 S F Hwy Exposed	201812	18,368.96	a	A, B, C, K
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201812	20,100.73	a	A, B, C, K
376300-Mains - Plastic	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201812	20,194.26	a	A, B, C, K
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand PH 1C	201812	20,436.21	a	A, B, C, K
376300-Mains - Plastic	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201812	20,770.29	a	A, B, C, K
376300-Mains - Plastic	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201812	21,885.65	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201812	22,520.80	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201812	25,253.85	a	A, B, C, K
376300-Mains - Plastic	802248	F0599	Repl 1075F 2-6P N Bridge & E Church	201812	27,275.75	a	A, B, C, K
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201812	31,841.67	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201812	43,774.52	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201812	48,523.82	a	A, B, C, K
376300-Mains - Plastic	801979	F0599	Repl 5275F 4-6P E 58th to Cleveland	201812	59,232.82	a	A, B, C, K
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201812	73,652.99	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4890F 2P 63rd & 55th	201812	82,203.40	a	A, B, C, K
376300-Mains - Plastic	802144	F0572	Repl 1815F 4P Newman btw AA & Irwin	201812	82,772.28	a	A, B, C, K
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201812	113,431.06	a	A, B, C, K
376300-Mains - Plastic	802198	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201812	202,319.40	a	A, B, C, K
376300-Mains - Plastic	801801	F0572	Repl 3240F 2-4-6P 13th W TrnState	201812	366,821.51	a	A, B, C, K
376300-Mains - Plastic	801570	F0604	Repl 5870F 2-4P Forest & Grand	201812	374,039.68	a	A, B, C, K
376300-Mains - Plastic	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201812	528,847.91	a	A, B, C, K
376300-Mains - Plastic	801549	F0604	Repl 10195F 2-4P Windsor BS Phase 7	201812	564,991.74	a	A, B, C, K
376300-Mains - Plastic	800640	F0604	Repl w 5715F 2-4P E Downtwn Phase 3	201812	568,355.51	a	A, B, C, K
376300-Mains - Plastic	801980	F0604	Repl 5070F 2P Mayes Rd W of Rt 24	201812	606,170.29	a	A, B, C, K
376300-Mains - Plastic	801108	F0599	Repl 5635F 6P BigBlueBattlefield 1G	201812	663,087.27	a	A, B, C, K
376300-Mains - Plastic	800393	F0572	Repl 7305F 2-4P County St to Scott	201812	725,986.94	a	A, B, C, K
376300-Mains - Plastic	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201901	61,244.44	a	A, B, C, K
376300-Mains - Plastic	800640	F0604	Repl w 5715F 2-4P E Downtwn Phase 3	201901	(81,003.00)	a	A, B, C, K
376300-Mains - Plastic	802025	F0604	Repl 7400F 2-4P 33rd & Grand PH 1C	201901	(43,065.82)	a	A, B, C, K
376300-Mains - Plastic	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201901	(39,524.30)	a	A, B, C, K
376300-Mains - Plastic	801576	F0604	Repl 2140F 2-4P Willow S of Truman	201901	(34,027.52)	a	A, B, C, K
376300-Mains - Plastic	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201901	(33,361.96)	a	A, B, C, K
376300-Mains - Plastic	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201901	(31,426.12)	a	A, B, C, K
376300-Mains - Plastic	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201901	(30,577.64)	a	A, B, C, F, K
376300-Mains - Plastic	800094	F0604	Repl 4717F 2P Belton Phase 1D	201901	(21,962.84)	a	A, B, C, K
376300-Mains - Plastic	801547	F0604	Repl 4795F 2P Windsor Phase5 Miller	201901	(19,256.46)	a	A, B, C, K
376300-Mains - Plastic	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201901	(18,473.53)	a	A, B, C, K
376300-Mains - Plastic	801570	F0604	Repl 5870F 2-4P Forest & Grand	201901	(13,366.26)	a	A, B, C, K
376300-Mains - Plastic	800342	F0599	Repl w 6935F 2-P St Joe South - 2F	201901	(12,991.29)	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	801548	F0604	Repl 3215F 2-4P Windsor Ph 6 Miller	201901	(11,258.63)	a	A, B, C, K
376300-Mains - Plastic	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201901	(10,854.98)	a	A, B, C, K
376300-Mains - Plastic	801206	F0604	Repl 6020F 2-4-6P Windsor Phase 1	201901	(8,810.71)	a	A, B, C, K
376300-Mains - Plastic	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201901	(7,360.68)	a	A, B, C, K
376300-Mains - Plastic	800702	F0599	Repl w 4442F 2-4-6-8P Wornall@85th	201901	(7,119.73)	a	A, B, C, K
376300-Mains - Plastic	802171	F0599	Repl 3020F 2-4P 702 S F Hwy Exposed	201901	(4,766.64)	a	A, B, C, K
376300-Mains - Plastic	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201901	(2,956.08)	a	A, B, C, K
376300-Mains - Plastic	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201901	(3,000.20)	a	A, B, C, K
376300-Mains - Plastic	801295	F0604	Repl 380F 2P Willis & Hayward	201901	(2,518.59)	a	A, B, C, K
376300-Mains - Plastic	802026	F0604	Repl 1305F 2-4P 33rd & Grand PH 1D	201901	(2,155.46)	a	A, B, C, K
376300-Mains - Plastic	802144	F0572	Repl 1815F 4P Newman btw AA & Irwin	201901	(1,932.91)	a	A, B, C, K
376300-Mains - Plastic	800393	F0572	Repl 7305F 2-4P County St to Scott	201901	(766.20)	a	A, B, C, K
376300-Mains - Plastic	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201901	(578.55)	a	A, B, C, K
376300-Mains - Plastic	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201901	(526.63)	a	A, B, C, K
376300-Mains - Plastic	800501	F0599	Repl w 4990F 2P 63rd & 55th	201901	(520.05)	a	A, B, C, K
376300-Mains - Plastic	801472	F0604	Repl 14655F 2-4P VioS 23rd to 27th	201901	(434.56)	a	A, B, C, K
376100-Mains - Steel	801040	F0599	Inst 6782F 12P Budd Park Header Ph1	201901	(432.99)	a	A, B, C, K
376300-Mains - Plastic	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201901	(416.31)	a	A, B, C, K
376300-Mains - Plastic	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201901	(343.06)	a	A, B, C, K
376300-Mains - Plastic	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201901	(318.08)	a	A, B, C, K
376300-Mains - Plastic	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201901	(297.88)	a	A, B, C, K
376300-Mains - Plastic	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201901	(268.04)	a	A, B, C, K
376300-Mains - Plastic	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201901	(261.01)	a	A, B, C, K
376300-Mains - Plastic	800467	F0599	Rel w 50F 6P 54th Terrace AOR	201901	(192.00)	a	A, B, C, K
376300-Mains - Plastic	801224	F0599	Repl 1282F 2P 61st & Indiana	201901	(179.94)	a	A, B, C, K
376300-Mains - Plastic	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201901	(171.87)	a	A, B, C, K
376300-Mains - Plastic	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-1D	201901	(170.18)	a	A, B, C, K
376100-Mains - Steel	801884	F0604	Repl 115F 4-8S Higginsville DRS	201901	(160.74)	a	A, B, C, K
376300-Mains - Plastic	801710	F0599	Repl 1390F 4P 56th -Summit/Wornall	201901	(113.74)	a	A, B, C, K
376100-Mains - Steel	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201901	(103.35)	a	A, B, C, K
376300-Mains - Plastic	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201901	(83.65)	a	A, B, C, K
376300-Mains - Plastic	802154	F0599	Repl 205F 4P 33rd & Chestnut AOR	201901	(72.93)	a	A, B, C, F, K
376300-Mains - Plastic	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201901	(70.25)	a	A, B, C, K
376300-Mains - Plastic	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201901	(68.17)	a	A, B, C, K
376300-Mains - Plastic	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201901	(48.47)	a	A, B, C, K
376300-Mains - Plastic	801844	F0599	Repl 700F 2P 63rd & Baltimore	201901	(40.90)	a	A, B, C, K
376300-Mains - Plastic	800623	F0599	Repl w 824F 4P 13th & Brooklyn	201901	(39.81)	a	A, B, C, K
376300-Mains - Plastic	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201901	(36.52)	a	A, B, C, K
376300-Mains - Plastic	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201901	(26.45)	a	A, B, C, K
376300-Mains - Plastic	800441	F0599	KC-39th & State Line Cast Iron PhA	201901	(26.06)	a	A, B, C, K
376300-Mains - Plastic	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201901	(23.77)	a	A, B, C, K
376300-Mains - Plastic	801650	F0604	Repl 2120F 2-4P Norborne Phase 4	201901	(20.68)	a	A, B, C, K
376300-Mains - Plastic	800952	F0604	Inst 4644F 2P Belton Ph	201901	(17.02)	a	A, B, C, K
376300-Mains - Plastic	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201901	(16.26)	a	A, B, C, K
376300-Mains - Plastic	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201901	(13.10)	a	A, B, C, K
376300-Mains - Plastic	801883	F0599	Repl 200F 4P 49th & Chelsea	201901	(8.59)	a	A, B, C, K
376100-Mains - Steel	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201901	(5.60)	a	A, B, C, K
376300-Mains - Plastic	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201901	(5.51)	a	A, B, C, K
376300-Mains - Plastic	800159	F0599	N Budd Park CI Repl Phase 1H	201901	(5.17)	a	A, B, C, K
376300-Mains - Plastic	800796	F0599	Repl 5325F 2-4-6-8P Dunn Park Ph1D	201901	(5.02)	a	A, B, C, K
376300-Mains - Plastic	801815	F0604	Repl 2650F 2-4P Cherny & Noland Rd	201901	(4.90)	a	A, B, C, K
376300-Mains - Plastic	800668	F0572	Repl 7315F 2-4P Neosho Phase 1H	201901	(4.77)	a	A, B, C, K
376300-Mains - Plastic	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201901	(4.31)	a	A, B, C, K
376300-Mains - Plastic	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201901	(3.40)	a	A, B, C, K
376300-Mains - Plastic	800029	F0599	AOR - 2601 Smart Ave	201901	(3.17)	a	A, B, C, K
376300-Mains - Plastic	800227	F0599	Valentine and Terrace St Replacemen	201901	(2.40)	a	A, B, C, K
376300-Mains - Plastic	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201901	(1.66)	a	A, B, C, K
376300-Mains - Plastic	800286	F0604	Repl w 12516F 2-4P Carrollton Ph I	201901	(1.65)	a	A, B, C, K
376300-Mains - Plastic	800609	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201901	(0.97)	a	A, B, C, K
376300-Mains - Plastic	802003	F0604	Repl 1510F 2-4P Walnut & Willis	201901	(0.35)	a	A, B, C, K
376100-Mains - Steel	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201901	0.25	a	A, B, C, K
376300-Mains - Plastic	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1H	201901	0.35	a	A, B, C, K
376100-Mains - Steel	802276	F0599	Repl 139F 2P 20th & Jackson	201901	2.66	a	A, B, C, K
376300-Mains - Plastic	802280	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201901	3.08	a	A, B, C, F, K
376300-Mains - Plastic	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201901	12.18	a	A, B, C, K
376300-Mains - Plastic	801703	F0604	Repl 1440F 2P E 36th St & Sterling	201901	16.54	a	A, B, C, K
376300-Mains - Plastic	800497	F0599	Repl w 6280F 2P 63rd & 55th St 1B	201901	17.64	a	A, B, C, K
376300-Mains - Plastic	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201901	17.57	a	A, B, C, K
376300-Mains - Plastic	800343	F0599	Repl w 8730F 2-4P 24 St Joe South 2G	201901	20.43	a	A, B, C, K
376300-Mains - Plastic	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201901	27.28	a	A, B, C, K
376300-Mains - Plastic	801875	F0604	Repl 2121F 2-4P Harris Ave & Truman	201901	28.04	a	A, B, C, K
376300-Mains - Plastic	800940	F0604	Repl w 2220F 2P Claremont & 25th	201901	30.10	a	A, B, C, K
376300-Mains - Plastic	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201901	34.85	a	A, B, C, K
376300-Mains - Plastic	801300	F0604	Repl 3615F 2P Northern & Raiston	201901	38.08	a	A, B, C, K
376300-Mains - Plastic	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201901	40.35	a	A, B, C, K
376300-Mains - Plastic	800498	F0599	Repl w 5940F 2-4P 63rd & 55th -1C	201901	41.56	a	A, B, C, K
376300-Mains - Plastic	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201901	46.20	a	A, B, C, K
376300-Mains - Plastic	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201901	50.34	a	A, B, C, K
376300-Mains - Plastic	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201901	58.35	a	A, B, C, K
376300-Mains - Plastic	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201901	61.85	a	A, B, C, K
376300-Mains - Plastic	801220	F0604	Repl 11975F 2-4P Shelley & E33rd Ter	201901	60.29	a	A, B, C, K
376300-Mains - Plastic	800341	F0599	Repl w 4794F 2-6P St Joe's Ph2E	201901	73.11	a	A, B, C, K
376300-Mains - Plastic	800344	F0599	Repl w 2500F 2P St Joe South 2H	201901	88.88	a	A, B, C, K
376300-Mains - Plastic	800453	F0604	Repl 10635F 2-4-6P Mayes-W R24 Ph1	201901	101.85	a	A, B, C, K
376300-Mains - Plastic	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201901	105.98	a	A, B, C, K
376300-Mains - Plastic	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201901	117.70	a	A, B, C, K
376100-Mains - Steel	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201901	124.64	a	A, B, C, K
376300-Mains - Plastic	801214	F0604	Repl 12375F 2-4P Winner Rd	201901	128.21	a	A, B, C, K
376300-Mains - Plastic	802276	F0599	Repl 139F 2P 20th & Jackson	201901	142.11	a	A, B, C, K
376300-Mains - Plastic	802032	F0599	Repl 360F 2P 33rd & Highland	201901	202.53	a	A, B, C, K
376300-Mains - Plastic	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201901	634.23	a	A, B, C, K
376300-Mains - Plastic	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201901	647.47	a	A, B, C, K
376300-Mains - Plastic	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201901	689.38	a	A, B, C, K
376300-Mains - Plastic	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201901	740.52	a	A, B, C, K
376300-Mains - Plastic	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201901	1,247.46	a	A, B, C, K
376300-Mains - Plastic	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201901	1,310.66	a	A, B, C, K
376300-Mains - Plastic	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201901	1,355.29	a	A, B, C, K
376300-Mains - Plastic	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201901	1,821.98	a	A, B, C, K
376300-Mains - Plastic	801302	F0599	Repl 6080F 2-4P Budd Park Grid Ph2B	201901	2,031.15	a	A, B, C, K
376300-Mains - Plastic	801673	F0599	Repl 530F 2P William Jewell College	201901	5,158.24	a	A, B, C, K
376300-Mains - Plastic	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201901	5,314.12	a	A, B, C, K
376300-Mains - Plastic	800639	F0604	Repl w 5742F 2-4P East Dntwn Ph 2	201901	6,790.72	a	A, B, C, K
376100-Mains - Steel	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201901	10,246.64	a	A, B, C, K
376300-Mains - Plastic	801810	F0599	Repl 5280F 8P Vine, Wayne, Linwood	201901	12,251.17	a	A, B, C, K
376300-Mains - Plastic	800655	F0572	Repl 7805F 2-4-6P Neosho Phase 1C	201901	12,349.54	a	A, B, C, K
376300-Mains - Plastic	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201901	13,529.86	a	A, B, C, K
376300-Mains - Plastic	802366	F0599	Aband 47F 6CI 18th St and Lydia St	201901	13,795.25	a	A, B, C, K
376300-Mains - Plastic	801806	F0572	Repl 5080F 4-6P W1,19th,20th,IL, IN	201901	17,664.12	a	A, B, C, K
376300-Mains - Plastic	802287	F0599	Repl 85F 4P 26th St & College AOR	201901	18,112.39	a	A, B, C, F, K
376300-Mains - Plastic	802198	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201901	18,723.43	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
376300-Mains - Plastic	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201901	20,053.06	a	A, B, C, K
376300-Mains - Plastic	801980	F0604	Repl 5070F 2P Mayes Rd W of Rt 24	201901	20,711.78	a	A, B, C, K
376300-Mains - Plastic	802235	F0599	Repl 35F 4P 53rd St & Troost APR	201901	23,590.19	a	A, B, C, K
376300-Mains - Plastic	801108	F0599	Repl 5635F 6P BigBlueBattlefield 1G	201901	25,701.58	a	A, B, C, K
376300-Mains - Plastic	801549	F0604	Repl 10195F 2-4-6P Windsor BS Phase 7	201901	26,139.43	a	A, B, C, K
376300-Mains - Plastic	802248	F0599	Repl 1075F 2-6P N Bridge & E Church	201901	26,555.43	a	A, B, C, K
376300-Mains - Plastic	801840	F0572	Repl 3240F 2-4-6P 13th W TrnState	201901	43,381.44	a	A, B, C, K
376300-Mains - Plastic	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201901	49,453.62	a	A, B, C, K
376300-Mains - Plastic	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201901	81,307.89	a	A, B, C, K
376300-Mains - Plastic	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201901	154,873.51	a	A, B, C, K
376300-Mains - Plastic	802130	F0572	Repl 1740F 2-4P East Ozark 10th St	201901	167,740.98	a	A, B, C, K
376300-Mains - Plastic	801952	F0599	Repl 2100F 2-4P E 18th to E Truman	201901	252,896.89	a	A, B, C, K
376300-Mains - Plastic	802275	F0572	Repl 3255F 2-4P CP 43rd & Main	201901	300,154.37	a	A, B, C, K
376300-Mains - Plastic	802301	F0604	Repl 7120F 2P Colonel & Liberty	201901	327,376.53	a	A, B, C, K
376300-Mains - Plastic	801959	F0599	Repl 3695F 2-4P Prospect 59th-51st	201901	328,576.76	a	A, B, C, K
376300-Mains - Plastic	801799	F0599	Repl 5314F 2-4-6P 200 W Ruth Ewing	201901	356,630.34	a	A, B, C, K
376300-Mains - Plastic	802043	F0599	Repl 3595F 2P 8th & Hardesty Ph 1C	201901	437,815.96	a	A, B, C, K
376300-Mains - Plastic	801309	F0599	Repl 4360F 2-4P Budd Park Phase 2I	201901	458,566.37	a	A, B, C, K
376300-Mains - Plastic	801308	F0599	Repl 4815F 2-4P Budd Park Phase 2H	201901	487,479.66	a	A, B, C, K
376300-Mains - Plastic	802039	F0599	Repl 5135F 2-4P 8th & Hardesty Ph1A	201901	503,586.09	a	A, B, C, K
376300-Mains - Plastic	801550	F0604	Repl 9149F 2P Windsor Ph 8 Miller	201901	653,791.89	a	A, B, C, K
376300-Mains - Plastic	801866	F0599	Repl 5410F 4-8P E 55th St Woodland	201901	899,871.22	a	A, B, C, K
376300-Mains - Plastic	800396	F0572	Repl w 11630F 2-4P Baxter/Randolph	201901	974,260.78	a	A, B, C, K
376300-Mains - Plastic	800647	F0572	Repl 14473F 2-4P Republic Strat Ph3	201901	1,155,990.72	a	A, B, C, K
376300-Mains - Plastic	801251	F0572	Repl 7295F 4-6P Carhage A2 Ph 2B	201901	1,290,693.83	a	A, B, C, K
376300-Mains - Plastic	801950	F0599	Repl 8760F 4-6-8P Prospect Woodland	201901	1,464,227.96	a	A, B, C, K
376300-Mains - Plastic	801843	F0604	Repl 11545F 4-8P Higginsville Ph1A	201901	1,482,710.59	a	A, B, C, K
376100-Mains - Steel	018573	F0599	20" Steel Header - Survey Work FY18	201901	24,177.96	a	A, B, C, K
Total Main Replacements					37,308,759.51		
Service Line Replacements - Steel							
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201807	2,181.22	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201807	53.67	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201807	4,951.82	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201808	(3,850.64)	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201808	2,678.05	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201808	3,429.07	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201809	280.84	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201809	6,601.20	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201809	3,430.02	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201810	2.02	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201810	3,248.45	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201811	(872.93)	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201811	20.68	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201811	4,152.14	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201812	(1,099.35)	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201812	95.33	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201812	511.95	a	A, B, C, K
380100-Services - Steel	009219	F0659	BWO-Replace Svc w/ Steel (Southwest)	201901	19.80	a	A, B, C, K
380100-Services - Steel	009218	F0513	BWO-Replace Svc w/ Steel (South)	201901	1,081.90	a	A, B, C, K
380100-Services - Steel	009217	F0608	BWO-Replace Svc w/ Steel (North)	201901	10,145.07	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 Sarcoxie Phase 2	201807	0.16	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxie Phase 3	201807	(0.86)	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxie 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 Sarcoxie Phase 2	201808	(3.39)	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxie Phase 3	201808	(5.43)	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxie 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 Sarcoxie Phase 2	201809	(0.30)	a	A, B, C, K
380100-Services - Steel	801142	F0572	Repl 4205F 6S Sarcoxie Phase 3	201809	(1.80)	a	A, B, C, K
380100-Services - Steel	801148	F0572	Repl 5305F 6S Sarcoxie 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					(12,801.78)		
Service Line Replacements - Plastic and Copper							
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201807	6.32	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201807	881,248.64	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201807	130,699.80	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201807	(79.29)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201807	259.96	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201807	74,354.32	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BLOC	201807	(1.07)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201807	(2.21)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201807	254.44	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201808	6.81	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201808	1,017,049.42	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201808	54,674.58	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201808	(133.89)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201808	2,012.45	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201808	50,844.55	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BLOC	201808	(1.79)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201808	(2.83)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201808	14.38	a	A, B, C, K
380200-Services - Plastic & Copper	003816	F0558	BWO SERVICE LINE LEAK RESPONSIVE	201809	5.00	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201809	1,604,729.45	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201809	30,522.57	a	A, B, C, K
380200-Services - Plastic & Copper	004287	F0607	BWO MATERIAL SERV LINE REPL CONT	201809	(193.77)	a	A, B, C, K
380200-Services - Plastic & Copper	004416	F0561	BWO-REPLACE SERVICE	201809	490.46	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201809	71,383.67	a	A, B, C, K
380200-Services - Plastic & Copper	004600	F0669	BWO SERVICE LINE REPL MODIFIED BLOC	201809	(4.83)	a	A, B, C, K
380200-Services - Plastic & Copper	004601	F0591	BWO SERVICE LINE REPL MODIFIED BLOC	201809	(4.08)	a	A, B, C, K
380200-Services - Plastic & Copper	004609	F0649	BWO MATERIAL SERV LINE REPL COMP	201809	180.83	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201810	42,395.76	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201810	53,343.24	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w/ PIs (North Reg)	201810	565,552.33	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w/ PIs (SW Reg)	201811	30,904.80	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w/ PIs (South Reg)	201811	38,846.14	a	A, B, C, K

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380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w PIs (North Reg)	201811	612,930.49	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w PIs (South Reg)	201812	15,629.04	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w PIs (SW Reg)	201812	27,562.36	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w PIs (North Reg)	201812	27,874.77	a	A, B, C, K
380200-Services - Plastic & Copper	004153	F0513	BWO-Repl Svc w PIs (South Reg)	201901	27,911.74	a	A, B, C, K
380200-Services - Plastic & Copper	004501	F0659	BWO-Repl Svc w PIs (SW Reg)	201901	38,544.66	a	A, B, C, K
380200-Services - Plastic & Copper	004152	F0608	BWO-Repl Svc w PIs (North Reg)	201901	491,631.89	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 PhC	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 3280F 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/ 8005F 2&P Pleasant Hill Ph3	201807	7.51	a	A, B, C, K
380200-Services - Plastic & Copper	800258	F0604	Repl w/ 1181F 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 Bars 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/ 5321F 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/ 530F 2P Kriger 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	800497	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	(7,640.35)	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w/ 4890F 2P 63rd & 55th	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-0002	201807	(1,376.61)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w/ 10385F 2-4-6-8P Target Phase3	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	800798	F0604	Repl w/ 1011F 2-6P Concordia Phase A	201807	21.22	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0604	Repl 7111F 2-4P Concordia Phase B	201807	1.93	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11565F 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
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

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	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&6C1 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	Rel 12179F 2-4P Wornall & 85th Ph2	201807	(0.21)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201807	(46.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201807	(96,722.30)	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201807	(86.82)	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201807	(6.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800971	F0599	Repl 2143F 2P Wornall & 85th	201807	645.90	a	A, B, C, K
380200-Services - Plastic & Copper	800977	F0694	Repl 8085F 2P Liberty & Ston	201807	(0.33)	a	A, B, C, K
380200-Services - Plastic & Copper	801057	F0572	Repl w 8235F 2-6P Neosho C-001	201807	(0.20)	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 Shelley & 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	0.28	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 Gillham 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 3965F 2-4P Emma 1B - Miller	201807	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	801376	F0604	Repl 6780F 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	801420	F0604	Repl 9740F 2P Windsor Phase3 Miller	201807	(351.32)	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 @ Hawthorne	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
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

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SPIRE - MISSOURI WEST
 ISRS Work Order Additions Jul 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	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 Cl Grid Repl Phase 1D	201808	(45.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park Cl 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 5332F 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	165.28	a	A, B, C, K
380200-Services - Plastic & Copper	800338	F0599	Repl w 4888F 2-8P 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 2F	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 Ph 7	201808	(50.28)	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 & Krieger	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 Rt24 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 5865F 2-4-6P 63rd & 55th St	201808	7,565.76	a	A, B, C, K
380200-Services - Plastic & Copper	800526	F0578	Rel w 1800F 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	1,831.64	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 8693F 2-4-6P 57th & Bales IUI	201808	(15.68)	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Downtown 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 9070F 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	1,262.96	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 RdAOR	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	Reloc 1170F 2-4P 4th & School Ph 1	201808	(1,051.99)	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Rel 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
380200-Services - Plastic & Copper	800968	F0547	Reloc 2842F 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	Repl 4180F 2-4P 24th & Meadow	201808	0.06	a	A, B, C, K

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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
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 5625F 6P Jefferson St	201808	(0.50)	a	A, B, C, K
380200-Services - Plastic & Copper	801179	F0604	Repl 8770F 2-4P 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 Shely & 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 3005F 4P Indp Independence/Chestnut	201808	(3,968.77)	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 Gilham 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 Vto&S 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 Griffin Place	201808	(6,935.78)	a	A, B, C, K
380200-Services - Plastic & Copper	801706	F0664	Reloc 1382F 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 Crysler/70 MODOT	201808	(23.11)	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S 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 63rd & 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 Highway & 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 - Cl	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	12,899.11	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
380200-Services - Plastic & Copper	800136	F0599	FY16 Strat Grid-Std. 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 PhI	201809	0.04	a	A, B, C, K
380200-Services - Plastic & Copper	800150	F0599	Repl w/ 4749F 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 1U1	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/ 5332F 2p 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

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	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 3883F 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 2-4P 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	8,621.63	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	(12,165.81)	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-W Rt24 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	(75,453.32)	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 8633F 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 Ter	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 3680F 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 7135F 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 C1AOR	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, F, 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 9898F 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
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&6CJ 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	Rel 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 2794F 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	Repl 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

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 Jul 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	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 TX/AZ 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 Sheley & 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 2P 20th St. Connecticut	201809	(9,994.12)	a	A, B, C, K
380200-Services - Plastic & Copper	801287	F0599	Repl 380F 2P Cherry and Gilliam Rd	201809	(27.56)	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201809	626.40	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201809	(24,051.33)	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	24,966.61	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 2-4-6P 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 VioS 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 & Nonwood	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	(12.84)	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	(57.47)	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 Crysler&70 MODOT	201809	(19.37)	a	A, B, C, K
380200-Services - Plastic & Copper	801743	F0664	Reloc 270F 4P W 23rd & S McCoy Ave	201809	(1.48)	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 - Cl	201809	634.37	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Carterbury	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/89th	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-SW 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 Walnut/Elm	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 IUL	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 5456F 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
380200-Services - Plastic & Copper	800795	F0599	Repl w 6406F 2-4P Dunn Park W of 71	201810	(4,116.96)	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-6P 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 Cl 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	185,120.06	a	A, B, C, K
380200-Services - Plastic & Copper	800827	F0599	Repl 40F 4P AOR 2026 48th Ter	201810	(691.87)	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	800600	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

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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	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 Downtwn 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-P 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 1	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 Downtown Ph1	201810	20,833.82	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut 4th Street	201810	32,856.54	a	A, B, C, K
380200-Services - Plastic & Copper	800722	F0599	Repl 3015F 2-4P Hwy71 Greenway 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	4,478.55	a	A, B, C, K
380200-Services - Plastic & Copper	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201810	6,500.20	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 2942F 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 1859F 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 85th89th	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 2-4P PleasantVal Phase3	201810	(109.31)	a	A, B, C, K
380200-Services - Plastic & Copper	800586	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-BS 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 Cl Grid Repl Phase 1D	201811	(103.47)	a	A, B, C, K
380200-Services - Plastic & Copper	802280	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 85th89th	201811	(44.05)	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Downtwn 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
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	37.06	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

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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	2,061.54	a	A, B, C, K
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201811	2,078.84	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,IL, 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	9,226.41	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
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P Big Blue BF Ph 1C	201812	(109,605.22)	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl 5890F 2P 63rd R 55th	201812	(69,349.25)	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2P Big Blue Battle Ph 1B	201812	(36,047.83)	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w 5965F 2-4-6P 63rd & 55th St	201812	(31,741.03)	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201812	(26,200.30)	a	A, B, C, K
380200-Services - Plastic & Copper	801103	F0599	Repl 7332F 2-4P BigBlueBattle Ph-1D	201812	(24,161.18)	a	A, B, C, K
380200-Services - Plastic & Copper	800801	F0599	Repl 6360F 2-4P Dunn Prk W of 71 E	201812	(21,546.66)	a	A, B, C, K
380200-Services - Plastic & Copper	800798	F0599	Repl 7525F 2-4P Dunn Park Phase 1H	201812	(18,582.12)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201812	(15,130.91)	a	A, B, C, K
380200-Services - Plastic & Copper	801150	F0664	Reloc 4341F 2-4P Oakwood & Hines	201812	(8,123.01)	a	A, B, C, K
380200-Services - Plastic & Copper	800999	F0599	Repl w 175F 2P 2722 Raytown RdAOR	201812	(1,101.89)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201812	(958.35)	a	A, B, C, K
380200-Services - Plastic & Copper	801137	F0664	Reloc 3735F 2-4P 22nd - 15th Phase3	201812	(659.32)	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201812	(607.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201812	(212.49)	a	A, B, C, K
380200-Services - Plastic & Copper	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201812	(45.57)	a	A, B, C, K
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201812	(42.49)	a	A, B, C, K
380200-Services - Plastic & Copper	801326	F0578	Repl 2814F 2-4-8P WalnutNolandCrane	201812	(9.60)	a	A, B, C, K
380200-Services - Plastic & Copper	801806	F0572	Repl 5800F 4-6P Wl, 19th, 20th, IL, IN	201812	(8.40)	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201812	(7.27)	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201812	(3.55)	a	A, B, C, K
380200-Services - Plastic & Copper	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201812	(1.22)	a	A, B, C, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201812	(1.08)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201812	(0.64)	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201812	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201812	0.01	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201812	0.02	a	A, B, C, K
380200-Services - Plastic & Copper	800475	F0572	Repl w 4030F 2-4P Park and Jackson	201812	0.07	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201812	0.12	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201812	0.16	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w 12516F 2-4P Carrollton Ph 1	201812	0.30	a	A, B, C, K
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201812	0.31	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201812	0.50	a	A, B, C, K
380200-Services - Plastic & Copper	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201812	0.54	a	A, B, C, K
380200-Services - Plastic & Copper	802238	F0578	Reloc 150F 4P Main at Stone	201812	0.55	a	A, B, C, K
380200-Services - Plastic & Copper	800613	F0572	Repl w 2490F 2-4P Marionville Ph F	201812	0.59	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Maves-W R24 Ph1	201812	1.29	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201812	1.45	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrollton Ph D	201812	1.63	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w 4794F 2-6P St Joe's Ph2E	201812	1.74	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w 2220F 2P Claremont & 25th	201812	1.83	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Sheley & E33rd Ter	201812	2.22	a	A, B, C, K
380200-Services - Plastic & Copper	800497	F0599	Repl w 6280F 2P 63rd & 55th St 1B	201812	2.56	a	A, B, C, K
380200-Services - Plastic & Copper	801214	F0604	Repl 12375F 2-4P Winner Rd	201812	2.68	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201812	2.99	a	A, B, C, K
380200-Services - Plastic & Copper	800796	F0599	Repl 5325F 2-4-6-12P Dunn Park Ph1D	201812	3.29	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201812	3.52	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201812	5.18	a	A, B, C, K
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201812	5.18	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201812	5.24	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201812	6.12	a	A, B, C, K
380200-Services - Plastic & Copper	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201812	6.81	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w 5940F 2-4P 63rd & 55th-1C	201812	7.88	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Downtown Ph 2	201812	7.89	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201812	8.90	a	A, B, C, K
380200-Services - Plastic & Copper	800029	F0599	AOR - 2601 Smart Ave	201812	8.97	a	A, B, C, F, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201812	10.01	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201812	10.01	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park CI Repl Phase 1H	201812	10.11	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201812	10.69	a	A, B, C, K
380200-Services - Plastic & Copper	800668	F0572	Repl 7315F 2-4P Neosho Phase 1H	201812	12.40	a	A, B, C, K
380200-Services - Plastic & Copper	800441	F0599	KC-39th & State Line Cast Iron PhA	201812	13.01	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park CI Grid Repl Phase 1D	201812	13.42	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201812	14.68	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201812	16.27	a	A, B, C, K
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201812	19.01	a	A, B, C, K
380200-Services - Plastic & Copper	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201812	20.95	a	A, B, C, F, K
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201812	27.08	a	A, B, C, K
380200-Services - Plastic & Copper	800680	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201812	27.35	a	A, B, C, K
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201812	36.58	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Repl 12179F 2-4P Wornall & 85th Ph2	201812	46.05	a	A, B, C, K
380200-Services - Plastic & Copper	800227	F0599	Valentine and Terrace St Replacemen	201812	51.17	a	A, B, C, K
380200-Services - Plastic & Copper	801361	F0547	Reloc 370F 2P Bennington Widening	201812	57.45	a	A, B, C, K
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201812	71.51	a	A, B, C, K
380200-Services - Plastic & Copper	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201812	89.66	a	A, B, C, K
380200-Services - Plastic & Copper	800344	F0599	Repl w 2500F 2P St Joe South 2H	201812	145.58	a	A, B, C, K
380200-Services - Plastic & Copper	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201812	151.03	a	A, B, C, K
380200-Services - Plastic & Copper	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201812	154.16	a	A, B, C, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201812	161.24	a	A, B, C, K
380200-Services - Plastic & Copper	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201812	189.45	a	A, B, C, K
380200-Services - Plastic & Copper	800467	F0599	Rel w 50F 6P 54th Terrace AOR	201812	193.52	a	A, B, C, F, 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	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201812	203.91	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St. Joe South - 2F	201812	210.45	a	A, B, C, K
380200-Services - Plastic & Copper	800343	F0599	Repl w/ 8730F 2-4P St. Joe South 2G	201812	236.75	a	A, B, C, K
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201812	335.35	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201812	379.61	a	A, B, C, K
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201812	383.43	a	A, B, C, K
380200-Services - Plastic & Copper	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201812	394.23	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201812	485.18	a	A, B, C, K
380200-Services - Plastic & Copper	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th89th	201812	508.72	a	A, B, C, K
380200-Services - Plastic & Copper	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201812	564.75	a	A, B, C, K
380200-Services - Plastic & Copper	802144	F0572	Repl 1815F 4P Newman btw AA & Irwin	201812	581.64	a	A, B, C, K
380200-Services - Plastic & Copper	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201812	618.06	a	A, B, C, K
380200-Services - Plastic & Copper	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201812	784.06	a	A, B, C, K
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201812	1,085.33	a	A, B, C, F, K
380200-Services - Plastic & Copper	801835	F0599	Repl 8745F 2-4-6P Budd Park Header	201812	1,142.78	a	A, B, C, K
380200-Services - Plastic & Copper	801801	F0572	Repl 3240F 2-4-6P 13th W TrnState	201812	1,393.38	a	A, B, C, K
380200-Services - Plastic & Copper	800671	F0572	Repl 5730F 2-4P Neosho Phase 1 K	201812	1,473.33	a	A, B, C, K
380200-Services - Plastic & Copper	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201812	1,632.94	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201812	1,766.28	a	A, B, C, K
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201812	1,820.57	a	A, B, C, K
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201812	1,826.44	a	A, B, C, K
380200-Services - Plastic & Copper	801549	F0604	Repl 10195F 2-4P Windsor BS Phase 7	201812	2,363.79	a	A, B, C, K
380200-Services - Plastic & Copper	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201812	2,874.33	a	A, B, C, K
380200-Services - Plastic & Copper	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201812	3,225.16	a	A, B, C, K
380200-Services - Plastic & Copper	801108	F0599	Repl 5635F 6P BigBlueBattlefield 1G	201812	5,864.60	a	A, B, C, K
380200-Services - Plastic & Copper	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201812	5,951.07	a	A, B, C, K
380200-Services - Plastic & Copper	802198	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201812	6,060.76	a	A, B, C, K
380200-Services - Plastic & Copper	801980	F0604	Repl 5070F 2P Mayes Rd W of Rt 24	201812	7,850.93	a	A, B, C, K
380200-Services - Plastic & Copper	802023	F0604	Repl 2895 2-4P 33rd & Grand 1A	201812	12,744.74	a	A, B, C, K
380200-Services - Plastic & Copper	800559	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201812	18,716.29	a	A, B, C, K
380200-Services - Plastic & Copper	800640	F0604	Repl w/ 5715F 2-4P E Downtwn Phase 3	201812	21,506.86	a	A, B, C, K
380200-Services - Plastic & Copper	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201812	61,267.82	a	A, B, C, K
380200-Services - Plastic & Copper	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201812	77,711.22	a	A, B, C, K
380200-Services - Plastic & Copper	802057	F0664	Reloc 531F 2-4P 5th & GrantCarthage	201901	(12,858.87)	a	A, B, C, K
380200-Services - Plastic & Copper	801106	F0599	Repl 3370F 2-4P BigBlueBattle Ph 1E	201901	(5,084.85)	a	A, B, C, K
380200-Services - Plastic & Copper	801647	F0604	Repl 5390F 2-4P Norborne MO Phase 1	201901	(4,258.74)	a	A, B, C, K
380200-Services - Plastic & Copper	800640	F0604	Repl w/ 5715F 2-4P E Downtwn Phase 3	201901	(3,064.24)	a	A, B, C, K
380200-Services - Plastic & Copper	800094	F0604	Repl 4717F 2P Belton Phase 1D	201901	(2,981.55)	a	A, B, C, K
380200-Services - Plastic & Copper	802238	F0578	Reloc 150F 4P Main at Stone	201901	(2,799.39)	a	A, B, C, K
380200-Services - Plastic & Copper	801107	F0599	Repl 8835F 2-4-6-8P BigBlue BF Ph1F	201901	(2,668.75)	a	A, B, C, K
380200-Services - Plastic & Copper	801862	F0604	Repl 6550F 2-4-12P E 57th to E 50th	201901	(1,876.92)	a	A, B, C, K
380200-Services - Plastic & Copper	801520	F0604	Repl 9740F 2P Windsor Phase3 Miller	201901	(1,441.45)	a	A, B, C, K
380200-Services - Plastic & Copper	801082	F0547	Reloc 1862F 4-6P PleasantVal Phase3	201901	(1,008.27)	a	A, B, C, K
380200-Services - Plastic & Copper	802163	F0599	Repl 1840F 4P 24th and Denver AOR	201901	(587.86)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801305	F0599	Repl 6315F 2-4P Budd Park Phase 2E	201901	(342.47)	a	A, B, C, K
380200-Services - Plastic & Copper	801306	F0599	Repl 7690F 2-4P Budd Park Phase 2F	201901	(157.31)	a	A, B, C, K
380200-Services - Plastic & Copper	801377	F0604	Repl 9880F 2-4P Waverly MO Phase 2	201901	(132.57)	a	A, B, C, K
380200-Services - Plastic & Copper	801712	F0599	Repl 1450F 2-4P Walnut-51 Ter/51 St	201901	(91.86)	a	A, B, C, K
380200-Services - Plastic & Copper	801103	F0599	Repl 7322F 2-4P BigBlueBattle Ph-1D	201901	(71.14)	a	A, B, C, K
380200-Services - Plastic & Copper	801546	F0604	Repl 3705F 2-4P Windsor Ph4 Miller	201901	(69.05)	a	A, B, C, K
380200-Services - Plastic & Copper	801307	F0599	Repl 4775F 2-4P Budd Park Phase 2G	201901	(37.71)	a	A, B, C, K
380200-Services - Plastic & Copper	800502	F0599	Repl w/ 5965F 2-4-6P 63rd & 55th St	201901	(32.75)	a	A, B, C, K
380200-Services - Plastic & Copper	801224	F0599	Repl 1282F 2P 61st & Indiana	201901	(27.44)	a	A, B, C, K
380200-Services - Plastic & Copper	800467	F0599	Rel w/ 50F 6P 54th Terrace AOR	201901	(21.16)	a	A, B, C, F, K
380200-Services - Plastic & Copper	801979	F0599	Repl 5275F 4-6P E 55th to Cleveland	201901	(16.22)	a	A, B, C, K
380200-Services - Plastic & Copper	801909	F0599	Repl 4180F 2-4P Pittman and 38th St	201901	(14.37)	a	A, B, C, K
380200-Services - Plastic & Copper	802144	F0572	Repl 1815F 4P Newman btw AA & Irwin	201901	(13.58)	a	A, B, C, K
380200-Services - Plastic & Copper	800501	F0599	Repl w/ 4890F 2P 63rd & 55th	201901	(11.77)	a	A, B, C, K
380200-Services - Plastic & Copper	802153	F0664	Reloc 1434F 2-6P Storm Improve 11	201901	(11.26)	a	A, B, C, K
380200-Services - Plastic & Copper	801472	F0604	Repl 14655F 2-4P VtoS 23rd to 27th	201901	(10.04)	a	A, B, C, K
380200-Services - Plastic & Copper	800968	F0547	Reloc 2942F 2-4-6P Wornall 85th Ph6	201901	(7.95)	a	A, B, C, K
380200-Services - Plastic & Copper	801844	F0599	Repl 700F 2P 63rd & Baltimore	201901	(7.70)	a	A, B, C, K
380200-Services - Plastic & Copper	800659	F0599	Repl 8623F 2-4P Liberty Grid PhaseM	201901	(6.40)	a	A, B, C, K
380200-Services - Plastic & Copper	801101	F0599	Repl 7526F 2-4P Big Blue Battle Ph 1B	201901	(5.53)	a	A, B, C, K
380200-Services - Plastic & Copper	801828	F0599	Repl 2524F 2-4P 23rd & Topping	201901	(4.57)	a	A, B, C, K
380200-Services - Plastic & Copper	802044	F0547	Reloc 2517F 2-4P Prospect WalnutElm	201901	(4.55)	a	A, B, C, K
380200-Services - Plastic & Copper	801102	F0599	Repl 6019F 2-4P 8th & Hardesty Ph 1C	201901	(3.50)	a	A, B, C, K
380200-Services - Plastic & Copper	801708	F0599	Repl 3920F 2P 84th Bellevue/Summit	201901	(3.27)	a	A, B, C, K
380200-Services - Plastic & Copper	801243	F0599	Repl 6840F 2-4P Budd Park Phase 2A	201901	(2.85)	a	A, B, C, K
380200-Services - Plastic & Copper	801733	F0578	Reloc 5310F 2-4-6P Crysler&70 MODOT	201901	(2.53)	a	A, B, C, K
380200-Services - Plastic & Copper	800960	F0599	Rel 12179F 2-4P Wornall & 85th Ph2	201901	(2.45)	a	A, B, C, K
380200-Services - Plastic & Copper	801709	F0599	Repl 1430F 4P 56th - Indiana/Kansas	201901	(2.34)	a	A, B, C, K
380200-Services - Plastic & Copper	800441	F0599	KC-39th & State Line Cast Iron PhA	201901	(1.54)	a	A, B, C, K
380200-Services - Plastic & Copper	800797	F0599	Repl 8070F 2-4P Dunn Park Phase 1G	201901	(1.40)	a	A, B, C, K
380200-Services - Plastic & Copper	801361	F0547	Reloc 370F 2P Bennington Widening	201901	(1.28)	a	A, B, C, K
380200-Services - Plastic & Copper	801982	F0604	Repl 9105F 2-4P Higginsville Ph1C	201901	(1.16)	a	A, B, C, K
380200-Services - Plastic & Copper	800661	F0599	Repl 5687F 2-4-6P Liberty Phase O	201901	(1.09)	a	A, B, C, K
380200-Services - Plastic & Copper	801323	F0604	Repl 2814F 2-4-8P WalnutNolandCrane	201901	(0.70)	a	A, B, C, K
380200-Services - Plastic & Copper	800092	F0604	Inst 4644F 2P Belton Ph	201901	(0.48)	a	A, B, C, K
380200-Services - Plastic & Copper	800029	F0599	AOR - 2601 Smart Ave	201901	(0.47)	a	A, B, C, K
380200-Services - Plastic & Copper	800227	F0599	Valentine and Terrace St Replacemen	201901	(0.45)	a	A, B, C, K
380200-Services - Plastic & Copper	801650	F0604	Repl 3120F 2-4P Norborne Phase 4	201901	(0.46)	a	A, B, C, K
380200-Services - Plastic & Copper	800966	F0547	Reloc 1859F 4-6P Wornall & 85th Ph4	201901	(0.30)	a	A, B, C, K
380200-Services - Plastic & Copper	801089	F0599	Repl 5415F 2-4-6P Big Blue BF Ph 1A	201901	(0.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800286	F0604	Repl w/ 12516F 2-4P Carrolton Ph 1	201901	(0.27)	a	A, B, C, K
380200-Services - Plastic & Copper	800159	F0599	N Budd Park Cl Repl Phase 1H	201901	(0.25)	a	A, B, C, K
380200-Services - Plastic & Copper	800690	F0599	Repl 5151F 2-4-6 Hwy71&Gregory Ph L	201901	(0.17)	a	A, B, C, K
380200-Services - Plastic & Copper	800668	F0572	Repl 7315F 2-4P Neosho Phase 1H	201901	(0.16)	a	A, B, C, K
380200-Services - Plastic & Copper	801649	F0604	Repl 6115F 2-4P Norborne Phase 3	201901	(0.14)	a	A, B, C, K
380200-Services - Plastic & Copper	801936	F0578	Reloc 145F 4P Ward Rd & 163rd	201901	(0.10)	a	A, B, C, K
380200-Services - Plastic & Copper	800967	F0547	Reloc 7913F 2-4P Wornall & 85th Ph5	201901	(0.07)	a	A, B, C, K
380200-Services - Plastic & Copper	800475	F0572	Repl w/ 4030F 2-4P Park and Jackson	201901	(0.06)	a	A, B, C, K
380200-Services - Plastic & Copper	800132	F0604	FY16 Strategic Grid MGE - Belton Ph	201901	(0.02)	a	A, B, C, K
380200-Services - Plastic & Copper	800799	F0599	Repl 8320F 2-4P Dunn Park Phase 1I	201901	0.09	a	A, B, C, K
380200-Services - Plastic & Copper	801527	F0572	Repl 1885F 2-4P McConnell Av to 7th	201901	0.23	a	A, B, C, K
380200-Services - Plastic & Copper	800613	F0572	Repl w/ 2490F 2-4P Marionville Ph F	201901	0.26	a	A, B, C, K
380200-Services - Plastic & Copper	800453	F0604	Repl 10635F 2-4-6P Mayes-W R24 Ph1	201901	0.34	a	A, B, C, K
380200-Services - Plastic & Copper	802260	F0599	Repl 92F 2P 11th & Myrtle Ave - AOR	201901	0.40	a	A, B, C, F, K
380200-Services - Plastic & Copper	800343	F0599	Repl w/ 8730F 2-4P St. Joe South 2G	201901	0.38	a	A, B, C, K
380200-Services - Plastic & Copper	801284	F0572	Repl 5625F 2-4P Elliot & Hwy K	201901	0.62	a	A, B, C, K
380200-Services - Plastic & Copper	801939	F0547	Reloc 1822F 4P Mansfield-SW Pkwy/14	201901	0.71	a	A, B, C, K
380200-Services - Plastic & Copper	801240	F0604	Repl 3870F 2-4P BerryRd S of Truman	201901	0.71	a	A, B, C, K
380200-Services - Plastic & Copper	800341	F0599	Repl w/ 4794F 2-6P St Joe's Ph2E	201901	0.77	a	A, B, C, K
380200-Services - Plastic & Copper	800940	F0604	Repl w/ 2220F 2P Claremont & 25th	201901	0.81	a	A, B, C, K
380200-Services - Plastic & Copper	801220	F0604	Repl 11975F 2-4P Shely & E33rd Ter	201901	0.95	a	A, B, C, K
380200-Services - Plastic & Copper	800344	F0599	Repl w/ 2500F 2P St Joe South 2H	201901	1.09	a	A, B, C, K
380200-Services - Plastic & Copper	800497	F0599	Repl w/ 6280F 2P 63rd & 55th St 1B	201901	1.12	a	A, B, C, K
380200-Services - Plastic & Copper	801214	F0604	Repl 12375F 2-4P Winner Rd	201901	1.32	a	A, B, C, K
380200-Services - Plastic & Copper	800155	F0599	N Budd Park Cl Grid Repl Phase 1D	201901	1.79	a	A, B, C, K
380200-Services - Plastic & Copper	801789	F0604	Repl 2116F 2-4P 55th & Crescent Rd	201901	2.17	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	801785	F0599	Repl 4850F 8P 19th, Flora, 24th Ter	201901	2.43	a	A, B, C, K
380200-Services - Plastic & Copper	802032	F0599	Repl 360F 2P 33rd & Highland	201901	2.87	a	A, B, C, K
380200-Services - Plastic & Copper	800498	F0599	Repl w/ 5940F 2-4P 63rd & 55th -1C	201901	3.42	a	A, B, C, K
380200-Services - Plastic & Copper	800499	F0599	Repl w 7020F 2-12P 63rd & 55th Ph1D	201901	3.68	a	A, B, C, K
380200-Services - Plastic & Copper	801300	F0604	Repl 3615F 2P Northern & Ralston	201901	3.85	a	A, B, C, K
380200-Services - Plastic & Copper	800153	F0599	N Budd Park CI Grid Repl Phase 1B	201901	5.48	a	A, B, C, K
380200-Services - Plastic & Copper	800500	F0599	Repl w 6805F 2-4P 63rd & 55th St 1E	201901	6.35	a	A, B, C, K
380200-Services - Plastic & Copper	801299	F0604	Repl 5945F 2P 32nd St & Shady Bend	201901	7.00	a	A, B, C, K
380200-Services - Plastic & Copper	800970	F0547	Reloc 1975F 2-6P Wornall & 85th Ph8	201901	7.27	a	A, B, C, K
380200-Services - Plastic & Copper	800158	F0599	N Budd Park CI Repl Phase 1G IUI	201901	8.13	a	A, B, C, K
380200-Services - Plastic & Copper	800277	F0604	Repl 11776F 2-4P Carrolton Ph D	201901	31.24	a	A, B, C, K
380200-Services - Plastic & Copper	801835	F0599	Repl 9745F 2-4-6P Budd Park Header	201901	32.85	a	A, B, C, K
380200-Services - Plastic & Copper	801868	F0599	Repl 850F 2P 28th Ter & Oakley - CI	201901	48.12	a	A, B, C, K
380200-Services - Plastic & Copper	801304	F0599	Repl 6360F 2-4P Budd Park Phase 2D	201901	62.00	a	A, B, C, K
380200-Services - Plastic & Copper	801303	F0599	Repl 6340F 2-4P Budd Park Phase 2C	201901	92.51	a	A, B, C, K
380200-Services - Plastic & Copper	801549	F0604	Repl 10195F 2-4P Windsor BS Phase 7	201901	109.36	a	A, B, C, K
380200-Services - Plastic & Copper	802042	F0599	Repl 5465F 2P 8th & Hardesty Ph 1B	201901	148.63	a	A, B, C, K
380200-Services - Plastic & Copper	801302	F0599	Repl 6060F 2-4P Budd Park Grid Ph2B	201901	154.67	a	A, B, C, K
380200-Services - Plastic & Copper	801806	F0572	Repl 5080F 4-6P W/ 19th, 20th, IL, IN	201901	155.33	a	A, B, C, K
380200-Services - Plastic & Copper	801801	F0572	Repl 3240F 2-4-6P 13th W TrnState	201901	164.79	a	A, B, C, K
380200-Services - Plastic & Copper	801108	F0599	Repl 5635F 6P BigBlueBattlefield 1G	201901	227.32	a	A, B, C, K
380200-Services - Plastic & Copper	801980	F0604	Repl 5070F 2P Mayes Rd W of Rt 24	201901	268.24	a	A, B, C, K
380200-Services - Plastic & Copper	800287	F0572	Repl w 1183F 2-4-6P Webb City Ph 2I	201901	338.97	a	A, B, C, K
380200-Services - Plastic & Copper	801837	F0572	Repl 6745F 2-3-4-6P Forest to 6th	201901	414.99	a	A, B, C, K
380200-Services - Plastic & Copper	801873	F0572	Repl 2175F 2-4P CP at Canterbury	201901	509.68	a	A, B, C, K
380200-Services - Plastic & Copper	802198	F0599	Repl 3445F 2-4P 53rd & Swope Ph 1A	201901	560.91	a	A, B, C, K
380200-Services - Plastic & Copper	800760	F0604	Repl 11566F 2-4P Concordia Phase C	201901	820.01	a	A, B, C, K
380200-Services - Plastic & Copper	800639	F0604	Repl w 5742F 2-4P East Downtwn Ph 2	201901	1,178.85	a	A, B, C, K
380200-Services - Plastic & Copper	800629	F0547	Reloc 2744F 2-4-6P Englewood Ph1B	201901	1,773.68	a	A, B, C, K
380200-Services - Plastic & Copper	802301	F0604	Repl 7120F 2P Colonel & Liberty	201901	2,171.32	a	A, B, C, K
380200-Services - Plastic & Copper	800283	F0572	Repl 7916F 2-4-6P Webb City Ph 2H	201901	2,283.81	a	A, B, C, K
380200-Services - Plastic & Copper	801295	F0604	Repl 380F 2P Willis & Hayward	201901	2,518.59	a	A, B, C, K
380200-Services - Plastic & Copper	801550	F0604	Repl 9149F 2P Windsor Ph 8 Miller	201901	3,139.18	a	A, B, C, K
380200-Services - Plastic & Copper	802043	F0599	Repl 3595F 2P 8th & Hardesty Ph 1C	201901	3,691.22	a	A, B, C, K
380200-Services - Plastic & Copper	801959	F0599	Repl 3695F 2-4P Prospect 59th-51st	201901	4,630.59	a	A, B, C, K
380200-Services - Plastic & Copper	802275	F0572	Repl 3255F 2-4P CP 43rd & Main	201901	5,054.11	a	A, B, C, K
380200-Services - Plastic & Copper	800660	F0599	Repl 3680F 2-4P LibertyGrid Phase N	201901	5,835.57	a	A, B, C, K
380200-Services - Plastic & Copper	801799	F0599	Repl 5314F 2-4-6P 200 W Ruth Ewing	201901	6,497.21	a	A, B, C, K
380200-Services - Plastic & Copper	800702	F0599	Rel w 4442F 2-4-6-8P Wornall@85th	201901	7,119.73	a	A, B, C, K
380200-Services - Plastic & Copper	801952	F0599	Repl 2100F 2-4P E 18th to E Truman	201901	7,280.50	a	A, B, C, K
380200-Services - Plastic & Copper	801405	F0547	Reloc 2665F 2-4P NW 72nd St - I-29	201901	10,360.21	a	A, B, C, K
380200-Services - Plastic & Copper	800342	F0599	Repl w/ 6935F 2-P St Joe South - 2F	201901	13,073.97	a	A, B, C, K
380200-Services - Plastic & Copper	800969	F0547	Reloc 9123F 2P Wornall & 85th Ph7	201901	13,424.79	a	A, B, C, K
380200-Services - Plastic & Copper	802259	F0547	Reloc 2400F 2-4P Monroe & Nicholson	201901	14,407.65	a	A, B, C, K
380200-Services - Plastic & Copper	801309	F0599	Repl 4360F 2-4P Budd Park Phase 2I	201901	15,190.87	a	A, B, C, K
380200-Services - Plastic & Copper	800584	F0599	Repl w 10385F 2-4-6-8P Target Phase3	201901	18,359.33	a	A, B, C, K
380200-Services - Plastic & Copper	802039	F0599	Repl 5135F 2-4P 8th & Hardesty Ph1A	201901	20,102.18	a	A, B, C, K
380200-Services - Plastic & Copper	800847	F0572	Repl 14473F 2-4P Republic Stral Ph3	201901	21,709.86	a	A, B, C, K
380200-Services - Plastic & Copper	801950	F0599	Repl 8760F 4-6-8P Prospect Woodland	201901	22,695.44	a	A, B, C, K
380200-Services - Plastic & Copper	801894	F0547	Reloc 3229F 2-4-6P Wornall 85th89th	201901	39,242.03	a	A, B, C, K
380200-Services - Plastic & Copper	801308	F0599	Repl 4815F 2-4P Budd Park Phase 2H	201901	48,980.91	a	A, B, C, K
380200-Services - Plastic & Copper	801843	F0604	Repl 11545F 4-8P Higginsville Ph1A	201901	76,478.84	a	A, B, C, K
Total Services Plastic and Copper					6,198,385.24		

TOTAL 46,825,092.59

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	37,517,158
Deferred Taxes	(416,990)
Accumulated Depreciation	(254,611)
Total Net	36,845,557

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

<u>Work Orders Placed in Service</u>	
Gross Additions	6,185,583
Deferred Taxes	(73,287)
Accumulated Depreciation	(85,163)
Total Net	6,027,133

Gas Utility Plant Projects - Regulator Stations:

<u>Work Orders Placed in Service</u>	
Gross Additions	49,886
Deferred Taxes	(272)
Accumulated Depreciation	(360)
Total Net	49,254

Gas Utility Plant Projects - Main Relocations net of Reimbursements:

<u>Work Orders Placed in Service</u>	
Gross Additions	3,072,465
Deferred Taxes	(49,944)
Accumulated Depreciation	(25,649)
Total Net	2,996,872

**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	44,620,221
Overall Rate of Return per GR-2017-0216	7.20%
UOI Required	3,211,630
Income Tax Conversion Factor	1.34135
Revenue Requirement Before Interest Deductibility	4,307,920

Total ISRS Rate Base	44,620,221
Weighted Cost of Debt per GR-2017-0216	1.8900%
Interest Deduction	843,322
Marginal Income Tax Rate	25.4482%
Income Tax Reduction due to Interest	214,611
Income Tax Conversion Factor	1.34135
Revenue Requirement Impact of Interest Deductibility	287,868

Total Revenue Requirement on Capital	4,020,052
Depreciation Expense	766,957
Net Property Taxes	2,598,507
Total ISRS Revenues	7,385,516

June 2018 - GO-2018-0310 - Additional Revenues (From Appendix B)	1,365,520
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Total ISRS Revenues	8,751,036
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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

	Additions	Retirements
	<u>Annual Depreciation</u>	<u>Annual Depreciation</u>
Main Replacements	667,804.06	(37,957.95)
Service Line Replacements and Insertion Projects	160,059.43	(68,064.23)
Regulator Stations	1,426.75	(958.71)
Main Relocations net of Reimbursements	54,689.79	(10,042.46)
Main Reinforcements	-	-
Total	<u>883,980.03</u>	<u>(117,023.35)</u>
Total Net Increase in Depreciation Expense	<u><u>766,956.68</u></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		14,627,695.83
Specific Real Additions		
	376.10	281,467.64
	Mains - 376s	90,018,447.38
Total Specific Additions		<u>90,299,915.02</u>
Retirements		
	Services	(4,394,833.12)
	Mains - Cast Iron	(227,686.93)
	Mains - Steel	(1,923,095.68)
	Mains - Plastic	(882,796.29)
		<u>(7,428,412.02)</u>
Net Real Estate		97,499,198.83
Assessment Rate		32%
Assessed Value		<u>31,199,743.62</u>
Real Estate Rate/\$100		8.341505
Real Estate Taxes		<u>2,602,528.10</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>2,602,528.10</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	<u>606,553.25</u>	<u>217,290.19</u>
<u>Services</u>		
Jul-18	24,589.44	9,650.00
Jan-19	398,375.37	13,796.06
Incremental Change	<u>373,785.93</u>	<u>4,146.06</u>
<u>Regulator Stations</u>		
Jul-18	0.00	0.00
Jan-19	0.00	0.00
Incremental Change	<u>0.00</u>	<u>0.00</u>
<u>Main Relocations</u>		
Jul-18	56,498.80	48,407.35
Jan-19	127,782.17	73,943.72
Incremental Change	<u>71,283.37</u>	<u>25,536.37</u>
<u>Main Reinforcements</u>		
Jul-18	0.00	0.00
Jan-19	0.00	0.00
Incremental Change	<u>0.00</u>	<u>0.00</u>
TOTAL INCREMENTAL CHANGE	<u>1,051,622.55</u>	<u>246,972.62</u>
	-	-
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	
	2018	2019	Total
	C	C	
	20 Year Life 50% Bonus	20 Year Life 0% Bonus	
<u>Main Replacements, etc.</u>			
Additions	9,078,437.13	16,772,051.05	34,928,925.31
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	9,078,437.13	16,772,051.05	34,928,925.31
Bonus Depreciation for Period	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	340,441.39		340,441.39
Fiscal Year 2019 (Oct 1 - Nov 30)	409,607.74	393,094.95	802,702.69
	-	-	-
Total Tax Depreciation	750,049.13	393,094.95	1,893,193.21
Total Book Depreciation			254,611.44
Difference Between Book and Tax Depreciation			1,638,581.77
Deferred Income Taxes (@25.4482%)			416,990.26

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	July 1 2018 - Sept 30 2018	Oct 1 2018 - Jan 1 2019	
for Plant in Service	July 1 2018 - Sept 30 2018	October 1 2018 - Jan 31 2019	
	2018	2019	Total
	C	C	
	20 Year Life	20 Year Life	
	50% Bonus	0% Bonus	
<u>Services</u>			
Additions	3,855,489.39	2,330,094.08	6,185,583.47
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	3,855,489.39	2,330,094.08	6,185,583.47
Bonus Depreciation for Period	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	144,580.85		289,161.70
Fiscal Year 2019 (Oct 1 - Nov 30)	173,954.86	54,611.58	402,521.30
	-	-	-
Total Tax Depreciation	318,535.71	54,611.58	373,147.29
Total Book Depreciation			85,163.18
Difference Between Book and Tax Depreciation			287,984.11
Deferred Income Taxes (@25.4482%)			73,286.89

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		49,886.31
Bonus Depreciation	-	-	-	-
Adjusted Tax Basis on Additions	-	4,353.03	-	49,886.31
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	-	1,263.59
	-	-	-	-
Total Tax Depreciation	-	359.64	-	1,426.83
Total Book Depreciation				359.65
Difference Between Book and Tax Depreciation				1,067.18
Deferred Income Taxes (@25.4482%)				271.58

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
	July 1 2018 - Sept 30 2018	October 1 2018 - Jan 31 2019	
	C 20 Year Life 50% Bonus	C 20 Year Life 0% Bonus	
<u>Main Relocations</u>			
Additions	1,353,769.96	1,176,020.64	3,883,560.56
Bonus Depreciation	-	-	-
Adjusted Tax Basis on Additions	1,353,769.96	1,176,020.64	3,883,560.56
Bonus Depreciation for Period	-	-	-
Tax Depreciation On Adj. Basis			
Fiscal Year 2018 (Oct 1 - Sep 30)	50,766.37		101,532.74
Fiscal Year 2019 (Oct 1 - Nov 30)	31,728.98	27,562.98	120,372.37
			-
Total Tax Depreciation	82,495.35	27,562.98	221,905.11
Total Book Depreciation			<u>25,649.48</u>
Difference Between Book and Tax Depreciation			<u>196,255.63</u>
Deferred Income Taxes (@25.4482%)			<u><u>49,943.61</u></u>

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 8,751,036

<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	82.9794%	1.29	7,261,560
SGS	31,727	30.00	1.5000	47,591	8.4031%	1.93	735,362
LGS	3,628	130.17	6.5085	23,613	4.1694%	8.38	364,863
LV	460	1,095.27	54.7635	25,191	4.4481%	70.52	389,251
Total	505,762				100.0000%		<u>8,751,036</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 14,162,830

<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	82.9794%	2.08	11,752,236
SGS	31,727	30.00	1.5000	47,591	8.4031%	3.13	1,190,123
LGS	3,628	130.17	6.5085	23,613	4.1694%	13.56	590,500
LV	460	1,095.27	54.7635	25,191	4.4481%	114.13	629,971
Total	505,762				100.0000%		<u>14,162,830</u>

*Average customers - GR-2017-0216