

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

In the Matter of the Application of Laclede Gas)
Company to Change its Infrastructure System) **Case No. GO-2016-0196**
Replacement Surcharge in its Laclede Gas Service)
Territory)

In The Matter of the Application of Laclede Gas)
Company to Change its Infrastructure System) **Case No. GO-2016-0197**
Replacement Surcharge in its Missouri Gas Energy)
Service Territory)

**SUGGESTIONS IN SUPPORT OF
OFFER TO ADMIT EXHIBIT 14 INTO EVIDENCE**

COMES NOW Laclede Gas Company (“Laclede Gas”) and Missouri Gas Energy (“MGE”), and files these suggestions in support of MGE’s offer into evidence of Exhibit 14 and, in support thereof, states as follows:

1. The Commission should ensure that OPC follows through on its commitment to authenticate Exhibit 14 by reviewing the March 9 email sent by Laclede to both Marc Poston and Charles Hyneman. A copy of the March 9 email is attached hereto as Attachment 1.

2. Exhibit 14 is a document consisting of MGE’s workpapers for ISRS plant placed in service between September 1, 2015 and February 29, 2016. A copy of this document is attached as Attachment 2. Exhibit 14 is identical to Attachment B and C to the Company’s February 1, 2016 Application (See Exhibit 1), except that Exhibit 14 has MGE’s actual ISRS plant additions for January and February 2016 in place of the pro-forma estimates for those months in the Application.

3. Exhibit 14 was identified by OPC witness Chuck Hyneman, who agreed that it purported to be MGE ISRS Work Order Additions, updated for January and February 2016, and described it in detail for the record. (See Tr. 177, line 13 to 178, line 25)

4. Exhibit 14 was offered to impeach the testimony of OPC witness Hyneman. While being questioned about a data request he had answered, Mr. Hyneman testified that neither he nor Staff had seen any MGE work orders. (Tr. 167, lines 4-5) The point of Mr. Hyneman's statement was to support his position that Staff did not perform an audit sufficient to allow a recommendation of approval of the Laclede and MGE ISRS filings. Mr. Hyneman testified that he had received the work order authorization sheets, which he refers to as "work order face sheets," but had not seen actual work order information. (Tr. 168, lines 5-13)

5. MGE knew that the so-called "face sheets" were included in the same March 9 email that contained the work order information. As evidenced by Attachment 1, MGE also knew that there were only 4 documents attached to that email, two for Laclede and two for MGE. In effect, Mr. Hyneman testified that he did see the one MGE document attached to the March 9 email that contained the authorization sheets, which he used to support his argument, but did not see the other MGE document attached to the March 9 email that contained information from the main portion of the work orders, which undermined his argument.¹ MGE wanted the Commission to see the information that was in the March 9 email to impeach Mr. Hyneman's testimony that neither he nor Staff had an opportunity to see the MGE work orders.

6. In connection with impeaching Mr. Hyneman's testimony, MGE offered into evidence a printed version of Exhibit 14, the document sent by MGE to Mr. Hyneman and Staff on March 9, 2016. OPC witness Hyneman could easily authenticate Exhibit 14 by reviewing the email and attachments sent to him on March 9 by MGE. Counsel for MGE suggested that Mr. Hyneman do that, but Counsel for OPC intervened, interrupting the witness and stating that OPC had "committed to follow up" by reviewing the March 9 email. (Tr. 176, lines 7-12) Later,

¹ Mr. Hyneman admitted that Exhibit 14 did in fact contain work order information. (Tr. 169, lines 11-15)

Counsel for MGE again suggested that Mr. Hyneman review the email to authenticate Exhibit 14, and Judge Burton indicated that it would be subject to the same condition, which MGE took to mean the same condition that existed with Exhibit 13. Exhibit 13 is the Laclede equivalent to Exhibit 14. The Commission directed OPC to review the March 9 email and respond as to whether it could authenticate Exhibit 13.

7. With respect to Exhibit 13, OPC did not respond as directed. Instead, it simply withdrew its objection – which MGE takes as an admission by OPC that it did indeed receive the email that included as attachments the workpapers now identified as Exhibit 13 as well as the workpapers now identified as Exhibit 14. In addition to sidestepping its obligation to address whether it had received the information set forth in Exhibit 13, OPC also offered no response on Exhibit 14. Having interrupted MGE Counsel from authenticating Exhibit 14 by committing to check the March 9 email and giving the impression that such a check would resolve the issue one way or the other, OPC should not now be permitted to renege on that commitment and use its breach to argue against the admission of that exhibit. OPC should be required to honor its commitment to review the March 9 email to confirm authentication of Exhibit 14, or have the matter decided against it for its failure to do so, so that the exhibit can be entered into the record.

8. In arguing Laclede's motion to strike rebuttal testimony, OPC stated that disallowing testimony sets a bad precedent and that it was important for the Commission to see its testimony. (Tr. 10, line 20 to 11, line 2) MGE obviously had serious objections to OPC submitting such testimony at this stage of the proceedings. Specifically, MGE objected because such testimony was not really responsive to the direct testimony filed by other parties, could and should have been submitted as direct rather than rebuttal testimony and, because of its belated filing, severely prejudiced the due process rights of MGE and Staff to adequately respond to the

matters asserted in such testimony. At a minimum, the information contained in Exhibit 14 serves to undermine the validity of a number of the assertions belatedly made by OPC in its rebuttal testimony. For example, in the question and answer starting at page 8 line 19 of Mr. Hyneman's Rebuttal Testimony, Mr. Hyneman complains that he used to receive more extensive information from MGE, but now neither Laclede nor MGE provides any of that information. Exhibit 14 would rebut this testimony. For that reason as well, Exhibit 14 should be admitted into evidence as a matter of fundamental fairness.

WHEREFORE, Laclede and MGE respectfully request that the Commission require OPC to review the March 9 email to determine if Exhibit 14 can be authenticated, and accept Exhibit 14 into evidence.

Respectfully Submitted,

LACLEDE GAS COMPANY

/s/ Rick Zucker
Rick Zucker #49210
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Certificate of Service

I hereby certify that copies of the above and foregoing document were sent by electronic mail on this 29th day of April, 2016 to counsel of record.

/s/ Rick Zucker

Zucker, Rick E.

From: Buck, Glenn W.
Sent: Wednesday, March 09, 2016 2:36 PM
To: Wells, Brian (Brian.Wells@psc.mo.gov); Ensrud, Michael (michael.ensrud@psc.mo.gov); Hyneman, Charles; Oligschlaeger, Mark* (mark.oligschlaeger@psc.mo.gov)
Cc: Keevil, Jeff (Jeff.Keevil@psc.mo.gov); Poston, Marc (marc.poston@ded.mo.gov); Zucker, Rick E.; Noack, Michael; Keathley, Lew E.; Lobser, Eric E.
Subject: ISRS Updates
Attachments: February 2016 WOs Laclede.pdf; ISRS Appendix B - February Update.xlsx; MGE Feb 16 work orders.pdf; MGE ISRS Filing - Mar 16 - updated for February additions.xlsx

All,

Attached are the February updates for both the Laclede and MGE ISRS filings. Also included are all of the "new" work order authorization sheets (approximately 15 for Laclede and 30 for MGE). Please let us know if you have any questions.

Stay dry and have a great day!

Glenn W. Buck
Director, Regulatory and Finance
Laclede Gas Company
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St. Louis, MO 63101
Phone: (314) 342-0767
Cell: (314) 452-3820
E-Mail: Glenn.Buck@TheLacledeGroup.com

Please note new address



Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
380200-Services - Plastic & Copper	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	SLRP - immediate response - company	Addition	Blanket WO	201509	86,708.75	7	0.00223333	1,355.54	2,323.79
380200-Services - Plastic & Copper	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	SLRP - immediate response - company	Addition	Blanket WO	201510	2,003.40	6	0.00223333	26.85	53.69
380200-Services - Plastic & Copper	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	SLRP - immediate response - company	Addition	Blanket WO	201511	(4,137.63)	5	0.00223333	(46.20)	(110.89)
380200-Services - Plastic & Copper	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	SLRP - immediate response - company	Addition	Blanket WO	201512	(2,953.81)	4	0.00223333	(26.39)	(79.16)
380200-Services - Plastic & Copper	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	SLRP - block by block - contract	Addition	Blanket WO	201509	476,619.53	7	0.00223333	7,451.14	12,773.38
380200-Services - Plastic & Copper	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	SLRP - block by block - contract	Addition	Blanket WO	201510	499,624.63	6	0.00223333	6,694.96	13,389.92
380200-Services - Plastic & Copper	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	SLRP - block by block - contract	Addition	Blanket WO	201511	302,009.45	5	0.00223333	3,372.43	8,093.84
380200-Services - Plastic & Copper	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	SLRP - block by block - contract	Addition	Blanket WO	201512	181,546.04	4	0.00223333	1,621.81	4,865.43
380200-Services - Plastic & Copper	20801050372	003819	BWO SERVICE LINE REPL BLOCK CONTRAC	F0552	SLRP - block by block - contract	Addition	Blanket WO	201509	12,844.81	7	0.00223333	200.81	344.24
380200-Services - Plastic & Copper	20801050372	003819	BWO SERVICE LINE REPL BLOCK CONTRAC	F0552	SLRP - block by block - contract	Addition	Blanket WO	201510	8,060.87	6	0.00223333	108.02	216.03
380200-Services - Plastic & Copper	20801050372	003819	BWO SERVICE LINE REPL BLOCK CONTRAC	F0552	SLRP - block by block - contract	Addition	Blanket WO	201511	(531.73)	5	0.00223333	(5.94)	(14.25)
380200-Services - Plastic & Copper	20801050372	003819	BWO SERVICE LINE REPL BLOCK CONTRAC	F0552	SLRP - block by block - contract	Addition	Blanket WO	201512	(211.66)	4	0.00223333	(1.89)	(5.67)
380200-Services - Plastic & Copper	20801050361	003823	BWO SERVICE LINE REPL MODIFIED BLOC	F0522	SLRP - modified block by block - co	Addition	Blanket WO	201509	(267.19)	7	0.00223333	(4.18)	(7.16)
382000 Meter Installations-MGE	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	1,663.60	7	0.00203333	23.68	40.59
382000 Meter Installations-MGE	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	5,681.44	6	0.00203333	69.31	138.63
382000 Meter Installations-MGE	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	3,390.14	5	0.00203333	34.47	82.72
382000 Meter Installations-MGE	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	3,711.04	4	0.00203333	30.18	90.55
380200-Services - Plastic & Copper	20401050309	003927	BWO LINE LOCATES-REPL SERVICES ONLY	F0655	Service line locates	Addition	Blanket WO	201509	(0.22)	7	0.00223333	-	(0.01)
380200-Services - Plastic & Copper	20801050360	003929	BWO SERVICE LINE LEAK RESPONSIVE CO	F0520	SLRP - immediate response - company	Addition	Blanket WO	201509	(65.96)	7	0.00223333	(1.03)	(1.77)
382000 Meter Installations-MGE	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	1,485.27	7	0.00203333	21.14	36.24
382000 Meter Installations-MGE	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	2,135.64	6	0.00203333	26.05	52.11
382000 Meter Installations-MGE	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	(713.65)	5	0.00203333	(7.26)	(17.41)
382000 Meter Installations-MGE	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	(44.65)	4	0.00203333	(0.36)	(1.09)
382000 Meter Installations-MGE	20901050373	003931	BWO-Repl Mtr Sets (SLRP) - South	F0535	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201509	25,739.18	7	0.00203333	366.35	628.04
382000 Meter Installations-MGE	20901050373	003931	BWO-Repl Mtr Sets (SLRP) - South	F0535	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201510	8,494.40	6	0.00203333	103.63	207.26
382000 Meter Installations-MGE	20901050373	003931	BWO-Repl Mtr Sets (SLRP) - South	F0535	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201511	7,336.83	5	0.00203333	74.59	179.02
382000 Meter Installations-MGE	20901050373	003931	BWO-Repl Mtr Sets (SLRP) - South	F0535	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201512	10,405.67	4	0.00203333	84.63	253.90
380200-Services - Plastic & Copper	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	SLRP - modified block by block - co	Addition	Blanket WO	201509	18,371.14	7	0.00223333	287.20	492.35
380200-Services - Plastic & Copper	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	SLRP - modified block by block - co	Addition	Blanket WO	201510	7,149.34	6	0.00223333	95.80	191.60
380200-Services - Plastic & Copper	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	SLRP - modified block by block - co	Addition	Blanket WO	201511	15,672.74	5	0.00223333	175.01	420.03
380200-Services - Plastic & Copper	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	SLRP - modified block by block - co	Addition	Blanket WO	201512	11,319.90	4	0.00223333	101.12	303.37
380200-Services - Plastic & Copper	20801050367	003935	BWO MATERIAL SERV LINE REPL COMP	F0637	SLRP - materials - company crews	Addition	Blanket WO	201509	5,691.02	7	0.00223333	88.97	152.52
380200-Services - Plastic & Copper	20501050370	003937	BWO SERVICE LINE REPL CONTRACTOR	F0576	SLRP - immediate response - contrac	Addition	Blanket WO	201509	(3.64)	7	0.00223333	(0.06)	(0.10)
380200-Services - Plastic & Copper	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	SLRP - block by block - contract	Addition	Blanket WO	201509	3,671.65	7	0.00223333	57.40	98.40
380200-Services - Plastic & Copper	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	SLRP - block by block - contract	Addition	Blanket WO	201510	94.65	6	0.00223333	1.27	2.54
380200-Services - Plastic & Copper	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	SLRP - block by block - contract	Addition	Blanket WO	201511	(3,957.00)	5	0.00223333	(44.19)	(106.05)
380200-Services - Plastic & Copper	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	SLRP - block by block - contract	Addition	Blanket WO	201512	113.40	4	0.00223333	1.01	3.04
382000 Meter Installations-MGE	20401050373	003974	BWO-Repl Mtr Set (SLRP) - North	F0543	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201509	95,286.61	7	0.00203333	1,356.25	2,324.99

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

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382000 Meter Installations-MGE	20401050373	003974	BWO-Repl Mtr Set (SLRP) - North	F0543	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201510	114,443.57	6	0.00203333	1,396.21	2,792.42
382000 Meter Installations-MGE	20401050373	003974	BWO-Repl Mtr Set (SLRP) - North	F0543	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201511	41,749.98	5	0.00203333	424.46	1,018.70
382000 Meter Installations-MGE	20401050373	003974	BWO-Repl Mtr Set (SLRP) - North	F0543	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201512	10,846.49	4	0.00203333	88.22	264.65
380200-Services - Plastic & Copper	20501050361	003975	BWO SERVICE LINE REPL MODIFIED BLOC	F0494	SLRP - modified block by block - co	Addition	Blanket WO	201509	1.17	7	0.00223333	0.02	0.03
380200-Services - Plastic & Copper	20901050361	003976	BWO SERVICE LINE REPL MODIFIED BLOC	F0515	SLRP - modified block by block - co	Addition	Blanket WO	201509	(30.66)	7	0.00223333	(0.48)	(0.82)
380200-Services - Plastic & Copper	20901050362	003979	BWO SERVICE LINE REPL BLOCK COMPANYY	F0627	SLRP - block by block - company cre	Addition	Blanket WO	201509	14.49	7	0.00223333	0.23	0.39
380200-Services - Plastic & Copper	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	SLRP - block by block - contract	Addition	Blanket WO	201509	6,963.76	7	0.00223333	108.87	186.63
380200-Services - Plastic & Copper	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	SLRP - block by block - contract	Addition	Blanket WO	201510	37,933.22	6	0.00223333	508.30	1,016.61
380200-Services - Plastic & Copper	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	SLRP - block by block - contract	Addition	Blanket WO	201511	2,265.09	5	0.00223333	25.29	60.70
380200-Services - Plastic & Copper	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	SLRP - block by block - contract	Addition	Blanket WO	201512	1,874.81	4	0.00223333	16.75	50.24
380200-Services - Plastic & Copper	20501050377	004148	BWO MATERIAL SERV LINE REPL CONT	F0517	SLRP - materials - contract	Addition	Blanket WO	201509	693.68	7	0.00223333	10.84	18.59
380200-Services - Plastic & Copper	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	SLRP - immediate response - contrac	Addition	Blanket WO	201509	8,988.74	7	0.00223333	140.52	240.90
380200-Services - Plastic & Copper	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	SLRP - immediate response - contrac	Addition	Blanket WO	201511	(2,481.06)	5	0.00223333	(27.71)	(66.49)
380200-Services - Plastic & Copper	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	SLRP - immediate response - contrac	Addition	Blanket WO	201512	1,090.44	4	0.00223333	9.74	29.22
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201509	219,111.83	7	0.00223333	3,425.44	5,872.19
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201510	169,113.56	6	0.00223333	2,266.12	4,532.24
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201511	74,543.80	5	0.00223333	832.40	1,997.77
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201512	43,679.82	4	0.00223333	390.21	1,170.62
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201509	39,673.34	7	0.00223333	620.23	1,063.24
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201510	86,684.93	6	0.00223333	1,161.58	2,323.15
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201511	71,033.92	5	0.00223333	793.21	1,903.71
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201512	58,898.14	4	0.00223333	526.16	1,578.47
380200-Services - Plastic & Copper	20401050377	004279	BWO SERVICE LINE MATERIAL CONTRACTO	F0586	SLRP - materials - contract	Addition	Blanket WO	201509	(8.00)	7	0.00223333	(0.13)	(0.21)
380200-Services - Plastic & Copper	20401050377	004279	BWO SERVICE LINE MATERIAL CONTRACTO	F0586	SLRP - materials - contract	Addition	Blanket WO	201512	117.00	4	0.00223333	1.05	3.14
382000 Meter Installations-MGE	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	1,732.15	7	0.00203333	24.65	42.26
382000 Meter Installations-MGE	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	2,789.65	6	0.00203333	34.03	68.07
382000 Meter Installations-MGE	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	4,583.70	5	0.00203333	46.60	111.84
382000 Meter Installations-MGE	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	2,888.71	4	0.00203333	23.49	70.48
380200-Services - Plastic & Copper	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	SLRP - materials - contract	Addition	Blanket WO	201509	52,023.10	7	0.00223333	813.29	1,394.22
380200-Services - Plastic & Copper	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	SLRP - materials - contract	Addition	Blanket WO	201510	5,498.95	6	0.00223333	73.69	147.37
380200-Services - Plastic & Copper	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	SLRP - materials - contract	Addition	Blanket WO	201511	157.70	5	0.00223333	1.76	4.23
380200-Services - Plastic & Copper	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	SLRP - materials - contract	Addition	Blanket WO	201512	3,499.35	4	0.00223333	31.26	93.78
380200-Services - Plastic & Copper	20501050301	004288	BWO-REPLACE SERVICE	F0541	Replace existing protected steel, p	Addition	Blanket WO	201509	6,028.23	7	0.00223333	94.24	161.56
380200-Services - Plastic & Copper	20501050301	004288	BWO-REPLACE SERVICE	F0541	Replace existing protected steel, p	Addition	Blanket WO	201511	(556.42)	5	0.00223333	(6.21)	(14.91)
380200-Services - Plastic & Copper	20501050301	004288	BWO-REPLACE SERVICE	F0541	Replace existing protected steel, p	Addition	Blanket WO	201512	574.13	4	0.00223333	5.13	15.39
380200-Services - Plastic & Copper	20801050362	004407	BWO SERVICE LINE REPL BLOCK COMPANYY	F0594	SLRP - block by block - company cre	Addition	Blanket WO	201509	8,665.57	7	0.00223333	135.47	232.24
380200-Services - Plastic & Copper	20801050362	004407	BWO SERVICE LINE REPL BLOCK COMPANYY	F0594	SLRP - block by block - company cre	Addition	Blanket WO	201511	(603.81)	5	0.00223333	(6.74)	(16.18)
380200-Services - Plastic & Copper	20801050362	004407	BWO SERVICE LINE REPL BLOCK COMPANYY	F0594	SLRP - block by block - company cre	Addition	Blanket WO	201512	42.61	4	0.00223333	0.38	1.14
380200-Services - Plastic & Copper	20801050370	004413	BWO SERVICE LINE REPL CONTRACTOR SL	F0618	SLRP - immediate response - contrac	Addition	Blanket WO	201509	(4.12)	7	0.00223333	(0.06)	(0.11)
380200-Services - Plastic & Copper	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	SLRP - immediate response - contrac	Addition	Blanket WO	201509	5,750.43	7	0.00223333	89.90	154.11
380200-Services - Plastic & Copper	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	SLRP - immediate response - contrac	Addition	Blanket WO	201510	20,233.86	6	0.00223333	271.13	542.27
380200-Services - Plastic & Copper	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	SLRP - immediate response - contrac	Addition	Blanket WO	201511	55,930.49	5	0.00223333	624.56	1,498.93
380200-Services - Plastic & Copper	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	SLRP - immediate response - contrac	Addition	Blanket WO	201512	8,754.10	4	0.00223333	78.20	234.61
380200-Services - Plastic & Copper	21001050301	004416	BWO-REPLACE SERVICE	F0561	Replace existing protected steel, p	Addition	Blanket WO	201509	(863.66)	7	0.00223333	(13.50)	(23.15)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
380200-Services - Plastic & Copper	21001050301	004416	BWO-REPLACE SERVICE	F0561	Replace existing protected steel, p	Addition	Blanket WO	201510	182.25	6	0.00223333	2.44	4.88
380200-Services - Plastic & Copper	21001050301	004416	BWO-REPLACE SERVICE	F0561	Replace existing protected steel, p	Addition	Blanket WO	201511	(47.87)	5	0.00223333	(0.53)	(1.28)
380200-Services - Plastic & Copper	21001050301	004416	BWO-REPLACE SERVICE	F0561	Replace existing protected steel, p	Addition	Blanket WO	201512	462.84	4	0.00223333	4.13	12.40
380200-Services - Plastic & Copper	20801050371	004492	BWO SERVICE LINE REPL MODIFIED BLOC	F0619	SLRP - modified block by block - co	Addition	Blanket WO	201509	287.68	7	0.00223333	4.50	7.71
380200-Services - Plastic & Copper	20801050371	004492	BWO SERVICE LINE REPL MODIFIED BLOC	F0619	SLRP - modified block by block - co	Addition	Blanket WO	201510	1,555.31	6	0.00223333	20.84	41.68
380200-Services - Plastic & Copper	20801050371	004492	BWO SERVICE LINE REPL MODIFIED BLOC	F0619	SLRP - modified block by block - co	Addition	Blanket WO	201511	(6.58)	5	0.00223333	(0.07)	(0.18)
380200-Services - Plastic & Copper	20801050371	004492	BWO SERVICE LINE REPL MODIFIED BLOC	F0619	SLRP - modified block by block - co	Addition	Blanket WO	201512	(47.59)	4	0.00223333	(0.43)	(1.28)
382000 Meter Installations-MGE	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	76.04	7	0.00203333	1.08	1.86
382000 Meter Installations-MGE	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	338.56	6	0.00203333	4.13	8.26
382000 Meter Installations-MGE	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	356.57	5	0.00203333	3.63	8.70
382000 Meter Installations-MGE	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	199.22	4	0.00203333	1.62	4.86
380200-Services - Plastic & Copper	20501050367	004499	BWO MATERIAL SERV LINE REPL COMP	F0526	SLRP - materials - company crews	Addition	Blanket WO	201509	(0.44)	7	0.00223333	(0.01)	(0.01)
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201509	44,471.17	7	0.00223333	695.23	1,191.83
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201510	62,720.88	6	0.00223333	840.46	1,680.92
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201511	76,101.35	5	0.00223333	849.80	2,039.51
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ PIs (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201512	39,275.64	4	0.00223333	350.86	1,052.59
380200-Services - Plastic & Copper	20901050360	004598	BWO SERVICE LINE LEAK RESPONSIVE CO	F0484	SLRP - immediate response - company	Addition	Blanket WO	201509	(48.36)	7	0.00223333	(0.76)	(1.30)
380200-Services - Plastic & Copper	20401050371	004599	BWO SERVICE REPL MODIFIED BLOCK CON	F0567	SLRP - modified block by block - co	Addition	Blanket WO	201509	(162.83)	7	0.00223333	(2.55)	(4.36)
380200-Services - Plastic & Copper	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	SLRP - modified block by block - co	Addition	Blanket WO	201509	(147.61)	7	0.00223333	(2.31)	(3.96)
380200-Services - Plastic & Copper	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	SLRP - modified block by block - co	Addition	Blanket WO	201510	2,021.93	6	0.00223333	27.09	54.19
380200-Services - Plastic & Copper	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	SLRP - modified block by block - co	Addition	Blanket WO	201511	5,437.93	5	0.00223333	60.72	145.74
380200-Services - Plastic & Copper	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	SLRP - modified block by block - co	Addition	Blanket WO	201512	782.20	4	0.00223333	6.99	20.96
380200-Services - Plastic & Copper	21001050371	004601	BWO SERVICE LINE REPL MODIFIED BLOC	F0591	SLRP - modified block by block - co	Addition	Blanket WO	201509	(0.50)	7	0.00223333	(0.01)	(0.01)
382000 Meter Installations-MGE	20501050373	004602	BWO-Repl Mtr Set (SLRP) - SWest	F0629	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201509	1,387.35	7	0.00203333	19.75	33.85
382000 Meter Installations-MGE	20501050373	004602	BWO-Repl Mtr Set (SLRP) - SWest	F0629	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201510	2,613.58	6	0.00203333	31.89	63.77
382000 Meter Installations-MGE	20501050373	004602	BWO-Repl Mtr Set (SLRP) - SWest	F0629	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201511	2,306.05	5	0.00203333	23.44	56.27
382000 Meter Installations-MGE	20501050373	004602	BWO-Repl Mtr Set (SLRP) - SWest	F0629	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201512	665.55	4	0.00203333	5.41	16.24
380200-Services - Plastic & Copper	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	SLRP - materials - company crews	Addition	Blanket WO	201509	6,653.93	7	0.00223333	104.02	178.33
380200-Services - Plastic & Copper	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	SLRP - materials - company crews	Addition	Blanket WO	201510	7,230.07	6	0.00223333	96.88	193.77
380200-Services - Plastic & Copper	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	SLRP - materials - company crews	Addition	Blanket WO	201511	4,541.69	5	0.00223333	50.72	121.72
380200-Services - Plastic & Copper	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	SLRP - materials - company crews	Addition	Blanket WO	201512	(179.92)	4	0.00223333	(1.61)	(4.82)
376300-Mains - Plastic	#N/A	007052	BWO Main Installed Mtce-North Reg	F0599	Main Replacement - ISRS (N)	Addition	Blanket WO	201510	180,392.52	6	0.00148333	1,605.49	3,210.98
376300-Mains - Plastic	#N/A	007052	BWO Main Installed Mtce-North Reg	F0599	Main Replacement - ISRS (N)	Addition	Blanket WO	201511	1,506.80	5	0.00148333	11.18	26.82
376300-Mains - Plastic	#N/A	007052	BWO Main Installed Mtce-North Reg	F0599	Main Replacement - ISRS (N)	Addition	Blanket WO	201512	745.37	4	0.00148333	4.42	13.27
376300-Mains - Plastic	#N/A	007053	BWO Mains Installed Mtce - South Reg	F0604	Main Replacement - ISRS (S)	Addition	Blanket WO	201510	20,238.01	6	0.00148333	180.12	360.24
376300-Mains - Plastic	#N/A	007053	BWO Mains Installed Mtce - South Reg	F0604	Main Replacement - ISRS (S)	Addition	Blanket WO	201511	93.13	5	0.00148333	0.69	1.66
376300-Mains - Plastic	#N/A	007053	BWO Mains Installed Mtce - South Reg	F0604	Main Replacement - ISRS (S)	Addition	Blanket WO	201512	5,017.27	4	0.00148333	29.77	89.31
376300-Mains - Plastic	#N/A	007054	BWO Mains Installed Mtce-Southwest	F0604	Main Replacement - ISRS (S)	Addition	Blanket WO	201510	7,119.41	6	0.00148333	63.36	126.73
376300-Mains - Plastic	#N/A	007054	BWO Mains Installed Mtce-Southwest	F0604	Main Replacement - ISRS (S)	Addition	Blanket WO	201511	150.00	5	0.00148333	1.11	2.67
376300-Mains - Plastic	#N/A	007054	BWO Mains Installed Mtce-Southwest	F0604	Main Replacement - ISRS (S)	Addition	Blanket WO	201512	239.18	4	0.00148333	1.42	4.26
380200-Services - Plastic & Copper	N/A	009217	BWO-Replace Svc w/ Steel (North)	F0608	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201509	861.58	7	0.00223333	13.47	23.09
380200-Services - Plastic & Copper	N/A	009217	BWO-Replace Svc w/ Steel (North)	F0608	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201510	7,069.77	6	0.00223333	94.73	189.47
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201509	140,688.53	7	0.00148333	1,460.81	2,504.25
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201510	156,356.03	6	0.00148333	1,391.57	2,783.13
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201511	148,996.63	5	0.00148333	1,105.06	2,652.13
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201512	151,371.11	4	0.00148333	898.13	2,694.40
376100-Mains - Steel	20401132881	003789	18th & Locust Repl CI w 500'-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	266.08	7	0.00148333	2.76	4.74
376100-Mains - Steel	20401132881	003789	18th & Locust Repl CI w 500'-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	480.08	6	0.00148333	4.27	8.55
376100-Mains - Steel	20401132881	003789	18th & Locust Repl CI w 500'-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	172.78	5	0.00148333	1.28	3.08
376100-Mains - Steel	20401132881	003789	18th & Locust Repl CI w 500'-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(95,118.85)	4	0.00148333	(564.37)	(1,693.11)

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ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401132881	003789	18th & Locust Repl CI w 500'-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	95,099.06	4	0.00148333	564.25	1,692.76
376300-Mains - Plastic	20503143406	003808	3rd & Arch Repl PBS w 2795'-4;745'-	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(19.95)	7	0.00148333	(0.21)	(0.36)
376300-Mains - Plastic	20902133172	003874	Gregory Heights Repl PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(108.81)	7	0.00148333	(1.13)	(1.94)
378000-Meas & Reg Station Equipment	20401132773	004003	Relocate DRS 258 Mayfair	F0600	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201509	(1,455.90)	7	0.00238333	(24.29)	(41.64)
376100-Mains - Steel	20501133125	004064	Repl I/O Piping DRS 0182C	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	2.47	7	0.00148333	0.03	0.04
376300-Mains - Plastic	20501133125	004064	Repl I/O Piping DRS 0182C	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	0.49	7	0.00148333	0.01	0.01
376300-Mains - Plastic	20501133207	004081	15th & Indiana Repl PBS/PCS w 590'-	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(29.22)	7	0.00148333	(0.30)	(0.52)
376100-Mains - Steel	21204133050	004126	Glenaire Rectifier/Ground Bed Repl	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(12.93)	7	0.00148333	(0.13)	(0.23)
378000-Meas & Reg Station Equipment	20401133040	004133	Rebuild DRS 356 New DRS #757	F0600	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201509	(1.88)	7	0.00238333	(0.03)	(0.05)
376300-Mains - Plastic	20812143289	004198	Elm & Eagon Repl PBS w 1295'-4;505'	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(0.31)	7	0.00148333	-	(0.01)
376300-Mains - Plastic	20401133129	004221	63rd Repl CI Main w 16078'-PE main	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	24.18	7	0.00148333	0.25	0.43
376300-Mains - Plastic	20201143426	004248	24 Hwy & Allen Repl PBS w 120'-4in	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(5.05)	7	0.00148333	(0.05)	(0.09)
376100-Mains - Steel	20401133039	004271	AOR 2552 Chelsea Repl CI with 40'-6	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(1.22)	7	0.00148333	(0.01)	(0.02)

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ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20903121888	004315	Brezendine Rectifier L0043 and Grou	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(2.72)	7	0.00148333	(0.03)	(0.05)
376300-Mains - Plastic	20317143417	004364	Davis St Repl PBS w 730'-2in PE mai	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(11.98)	7	0.00148333	(0.12)	(0.21)
376100-Mains - Steel	20902132967	004374	Railroad St Repl BS/CS w 1515'-2in;	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	23.43	7	0.00148333	0.24	0.42
376100-Mains - Steel	20902132967	004374	Railroad St Repl BS/CS w 1515'-2in;	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(400.00)	6	0.00148333	(3.56)	(7.12)
376100-Mains - Steel	20201133049	004382	33rd & Vermont Rectifier/GroundBed	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	4.65	7	0.00148333	0.05	0.08
376100-Mains - Steel	20201133137	004396	Farley Ave Repl PBS w 9325'-2;285'-	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	94.48	7	0.00148333	0.98	1.68
376100-Mains - Steel	20301118253	004430	W0137 Rectifier Groundbed Replaceme	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	5.19	7	0.00148333	0.05	0.09
376300-Mains - Plastic	20501133213	004458	12th & Joplin Ave Repl PBS w 1355'-	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	17,217.08	7	0.00148333	178.77	306.46
376300-Mains - Plastic	20501133213	004458	12th & Joplin Ave Repl PBS w 1355'-	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	9,218.33	6	0.00148333	82.04	164.09

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20501133213	004458	12th & Joplin Ave Repl PBS w 1355'-	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	6,654.12	5	0.00148333	49.35	118.44
376300-Mains - Plastic	20501133213	004458	12th & Joplin Ave Repl PBS w 1355'-	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(478.89)	4	0.00148333	(2.84)	(8.52)
376100-Mains - Steel	20815132957	004474	Replace Fuses on WO 132353 Thistle	F0598	Replace steel & plastic main	Addition	ISRS-Other	201509	2.90	7	0.00148333	0.03	0.05
376100-Mains - Steel	20501132745	004559	7th & Minnesota Repl PBS w 2350'-4;	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(37.67)	7	0.00148333	(0.39)	(0.67)
376300-Mains - Plastic	20502143412	004588	Jefferson Repl PBS/PCS w 1080'-6;82	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(35.12)	7	0.00148333	(0.36)	(0.63)
376100-Mains - Steel	20201132490	004619	Lexington & Short Repl PBS w 220'-2	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	2.37	7	0.00148333	0.02	0.04
376300-Mains - Plastic	20201143450	004888	33rd & Vermont Repl PBS w 22300'-2;	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(436.66)	7	0.00148333	(4.53)	(7.77)

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20201143455	004889	40th & Highridge Repl PBS w 7870'-2	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(103.02)	7	0.00148333	(1.07)	(1.83)
376300-Mains - Plastic	20201143455	004889	40th & Highridge Repl PBS w 7870'-2	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(321.09)	6	0.00148333	(2.86)	(5.72)
376300-Mains - Plastic	20312143471	004949	Folger Repl PBS w 1350'-2in PE main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(8.12)	7	0.00148333	(0.08)	(0.14)
376100-Mains - Steel	20401143477	004973	84th & Tracy Repl PBS w 24'-TF Stee	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(3.83)	7	0.00148333	(0.04)	(0.07)
376300-Mains - Plastic	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(26.05)	7	0.00148333	(0.27)	(0.46)
376300-Mains - Plastic	20802143485	005008	Morris & Myrtle Repl PBS w 2885'-PE	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(330.94)	7	0.00148333	(3.44)	(5.89)
376300-Mains - Plastic	20501143304	005012	15th & Delaware Repl PBS w 4935'-PE	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	456,940.97	4	0.00148333	2,711.18	8,133.53
376300-Mains - Plastic	20301143476	005028	Market St Repl PBS w 1320'-2in PE m	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(14.42)	7	0.00148333	(0.15)	(0.26)
376100-Mains - Steel	20925143475	005029	Repl bridge valve & IO piping DRS 1	F0605	Replace steel & plastic main	Addition	ISRS-Other	201509	(244.47)	7	0.00148333	(2.54)	(4.35)

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ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(0.46)	7	0.00148333	-	(0.01)
378000-Meas & Reg Station Equipment	20925143474	005042	Rebuild DRS 1 09-25 RD Mize	F0600	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201510	2.09	6	0.00238333	0.03	0.06
378000-Meas & Reg Station Equipment	20925143474	005042	Rebuild DRS 1 09-25 RD Mize	F0600	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201511	(0.03)	5	0.00238333	-	-
378000-Meas & Reg Station Equipment	20925143474	005042	Rebuild DRS 1 09-25 RD Mize	F0600	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201512	(11,332.23)	4	0.00238333	(108.03)	(324.10)
376300-Mains - Plastic	20902143513	005153	59th & Kentucky Repl PCS/PBS w 885'	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(19.68)	7	0.00148333	(0.20)	(0.35)
376300-Mains - Plastic	20201143520	005210	35th Ter & Pittman Repl PBS w 4120'	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(252.00)	7	0.00148333	(2.62)	(4.49)
376300-Mains - Plastic	20401143422	005250	Wabash & St John Repl CI w 190'-4in	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	(42.58)	7	0.00148333	(0.44)	(0.76)
376300-Mains - Plastic	20201143547	005273	35th & Evanston Tie exist PEtoC-500	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	(51.02)	7	0.00148333	(0.53)	(0.91)
376300-Mains - Plastic	20201143547	005273	35th & Evanston Tie exist PEtoC-500	F0580	Replace steel & plastic main	Addition	ISRS-Other	201510	(7.08)	6	0.00148333	(0.06)	(0.13)
376300-Mains - Plastic	20809143500	005274	Hadley & Rinker Repl PBS w 895'-2p	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201512	140,885.69	4	0.00148333	835.92	2,507.76

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ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20201143515	005291	Repl PBS main Blue Ridge Blvd 31st	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(0.59)	7	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	20201143515	005291	Repl PBS main Blue Ridge Blvd 31st	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,172.84)	7	0.00148333	(12.18)	(20.88)
376300-Mains - Plastic	21271143517	005295	39th & N Spruce Repl PBS w 2400'-2i	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(192.94)	7	0.00148333	(2.00)	(3.43)
376300-Mains - Plastic	20902143584	005395	79th & Raytown Rd Repl PBS/PCS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(759.11)	7	0.00148333	(7.88)	(13.51)
376300-Mains - Plastic	20401143489	005432	43rd/47th Belfontaine Ci Repl Proj	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(1,290.57)	7	0.00148333	(13.40)	(22.97)
376300-Mains - Plastic	20401143480	005433	1511 Brooklyn REPL CI w 101'-4IN PE	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	215.50	7	0.00148333	2.24	3.84
376100-Mains - Steel	20801143585	005451	11th & Broadway Repl PBS w 50'-2in	F0634	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(0.59)	7	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	20504143350	005456	Repl Steel in Alba due to Leakage	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(953.31)	7	0.00148333	(9.90)	(16.97)
376300-Mains - Plastic	20504143350	005456	Repl Steel in Alba due to Leakage	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(118,682.40)	6	0.00148333	(1,056.27)	(2,112.54)

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ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20504143350	005456	Repl Steel in Alba due to Leakage	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(141.87)	5	0.00148333	(1.05)	(2.53)
376300-Mains - Plastic	20504143350	005456	Repl Steel in Alba due to Leakage	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	897.23	4	0.00148333	5.32	15.97
376300-Mains - Plastic	21001143532	005466	Spratt Ave Repl PBS w 454'- 2in PE	F0504	Replace bare steel main - safety re	Addition	ISRS-Other	201509	8.61	7	0.00148333	0.09	0.15
376300-Mains - Plastic	20501143605	005468	Murphy Repl PBS/PE w 1115'-2;255'-4	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(96.38)	7	0.00148333	(1.00)	(1.72)
376300-Mains - Plastic	20501143605	005468	Murphy Repl PBS/PE w 1115'-2;255'-4	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(49.16)	6	0.00148333	(0.44)	(0.88)
376300-Mains - Plastic	20501143573	005490	Picher Ave Repl PBS w 125'-6in CS;	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(96.95)	7	0.00148333	(1.01)	(1.73)
376300-Mains - Plastic	20501143573	005490	Picher Ave Repl PBS w 125'-6in CS;	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	(15.23)	6	0.00148333	(0.14)	(0.27)
376300-Mains - Plastic	20324143614	005557	College Repl PBS LP main w IP 3865'	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(136.19)	7	0.00148333	(1.41)	(2.42)

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20324143614	005557	College Repl PBS LP main w IP 3865'	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(56.88)	6	0.00148333	(0.51)	(1.01)
376300-Mains - Plastic	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(16.50)	7	0.00148333	(0.17)	(0.29)
376300-Mains - Plastic	20401143586	005677	CI Repl due to graphitization	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(369.47)	7	0.00148333	(3.84)	(6.58)
376300-Mains - Plastic	20401143569	005679	CI Repl Due to Graphitization	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(55.14)	7	0.00148333	(0.57)	(0.98)
376100-Mains - Steel	20201133055	005735	Jones St Ret DRS 117 & I/O piping T	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	(27.94)	7	0.00148333	(0.29)	(0.50)
376300-Mains - Plastic	20401143601	005773	803 Bales Ct Repl CI w 40'-4in PE m	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(9.32)	7	0.00148333	(0.10)	(0.17)
376300-Mains - Plastic	20324143615	005799	College Repl 2in PE w/1000'-4in PE	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	(41.32)	7	0.00148333	(0.43)	(0.74)
376300-Mains - Plastic	20324143615	005799	College Repl 2in PE w/1000'-4in PE	F0580	Replace steel & plastic main	Addition	ISRS-Other	201510	(7.33)	6	0.00148333	(0.07)	(0.13)
376300-Mains - Plastic	20401143687	005852	2415 Walrond Repl CI w 15'-6in PE m	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(3.35)	7	0.00148333	(0.03)	(0.06)
376100-Mains - Steel	20401143682	005854	Kensington & E 112 Ter Reloc PB w 1	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(0.99)	7	0.00148333	(0.01)	(0.02)
376300-Mains - Plastic	20401143602	005917	18th Ter Repl CI/CS w 2945'-4;340'-	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(219.94)	7	0.00148333	(2.28)	(3.91)
376100-Mains - Steel	20301143713	005951	Walnut Grove Rectifier 0256 Reloca	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(53.13)	7	0.00148333	(0.55)	(0.95)
376100-Mains - Steel	20301143713	005951	Walnut Grove Rectifier 0256 Reloca	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201510	(776.12)	6	0.00148333	(6.91)	(13.81)

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20301143713	005951	Walnut Grove Rectifier 0256 Reloca	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201511	3.30	5	0.00148333	0.02	0.06
376100-Mains - Steel	20301143713	005951	Walnut Grove Rectifier 0256 Reloca	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201512	23.78	4	0.00148333	0.14	0.42
376100-Mains - Steel	20401143709	005956	River Market Rectifier and Groundbe	F0626	Rectifier initial installations	Addition	ISRS-Other	201509	(51.99)	7	0.00148333	(0.54)	(0.93)
376100-Mains - Steel	20925143738	006030	Replace 12in PCS Main I-70	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	(270.38)	7	0.00148333	(2.81)	(4.81)
376100-Mains - Steel	20925143738	006030	Replace 12in PCS Main I-70	F0580	Replace steel & plastic main	Addition	ISRS-Other	201510	(43.20)	6	0.00148333	(0.38)	(0.77)
376300-Mains - Plastic	20925143749	006080	Install 2in PE distribution main Je	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	(57.75)	7	0.00148333	(0.60)	(1.03)
376100-Mains - Steel	21001143745	006085	OSAGE RECTIFIER GROUND BED REPLACEM	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(54.69)	7	0.00148333	(0.57)	(0.97)
376100-Mains - Steel	21207143744	006111	Northwyck Park Rectifier and Ground	F0621	Rectifier Initial Installation	Addition	ISRS-Other	201509	(87.12)	7	0.00148333	(0.90)	(1.55)
376100-Mains - Steel	20828143755	006113	Repl 1.25 and 2 in CS Main	F0598	Replace steel & plastic main	Addition	ISRS-Other	201509	(66.50)	7	0.00148333	(0.69)	(1.18)
376100-Mains - Steel	20909143711	006196	Vellie Road Rectifier Relocation	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(64.79)	7	0.00148333	(0.67)	(1.15)
376300-Mains - Plastic	20506143761	006201	Stones Corner Main Relocation	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(51.62)	7	0.00148333	(0.54)	(0.92)

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376300-Mains - Plastic	20401143705	006351	AOR 6in CI Replacement with 65ft-Gi	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(90.77)	7	0.00148333	(0.94)	(1.62)
376300-Mains - Plastic	21001143596	006355	PBS Replacement	F0504	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(133.91)	7	0.00148333	(1.39)	(2.38)
376300-Mains - Plastic	21001143596	006355	PBS Replacement	F0504	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(21.41)	6	0.00148333	(0.19)	(0.38)
376300-Mains - Plastic	20806143791	006356	Repl 288ft PBS with 295ft 2in Plast	F0634	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(68.80)	7	0.00148333	(0.71)	(1.22)
376300-Mains - Plastic	20501143720	006435	Lower 167ft of 2in PE	F0575	Replace steel & plastic main	Addition	ISRS-Other	201509	(10.69)	7	0.00148333	(0.11)	(0.19)
376300-Mains - Plastic	20813143792	006473	Repl 391ft BS 86ft CS with 479ft 2	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(233.24)	7	0.00148333	(2.42)	(4.15)
376300-Mains - Plastic	20502143823	006512	Replace w/ 210ft of 4in PE due to D	F0575	Replace steel & plastic main	Addition	ISRS-Other	201509	(492.44)	7	0.00148333	(5.11)	(8.77)
376300-Mains - Plastic	20501143824	006513	Repl 12ft of 6in PE due to 3rd Part	F0575	Replace steel & plastic main	Addition	ISRS-Other	201509	(4.41)	7	0.00148333	(0.05)	(0.08)
376300-Mains - Plastic	20324143651	006516	Replace PBS Main in Pilot Grove	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,968.19)	7	0.00148333	(20.44)	(35.03)
376300-Mains - Plastic	20324143651	006516	Replace PBS Main in Pilot Grove	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(334.99)	6	0.00148333	(2.98)	(5.96)
376300-Mains - Plastic	20901143822	006551	Replace 4inch PCS/PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(58.52)	7	0.00148333	(0.61)	(1.04)
376300-Mains - Plastic	21207143819	006552	2in PE Main Relocation	F0636	Replace steel & plastic main	Addition	ISRS-Other	201509	(0.61)	7	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	20201143853	006594	Replace 6in PBS 20th and Arlington	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(12.11)	7	0.00148333	(0.13)	(0.22)
376300-Mains - Plastic	20401143816	006597	CI Replacement w/ 2,430ft-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(884.14)	7	0.00148333	(9.18)	(15.74)
376300-Mains - Plastic	20401143826	006603	3in PBS Main Replacement	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(99.57)	7	0.00148333	(1.03)	(1.77)
376300-Mains - Plastic	20806143868	006654	Repl 2in PBS due to CP	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(164.03)	7	0.00148333	(1.70)	(2.92)

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401143773	006659	Cast Iron Replacement project WO-1	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(3,525.77)	7	0.00148333	(36.61)	(62.76)
376300-Mains - Plastic	20401143773	006659	Cast Iron Replacement project WO-1	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(325.13)	4	0.00148333	(1.93)	(5.79)
376300-Mains - Plastic	20501143695	006664	Repl with 875ft of 4in PE due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(107.85)	7	0.00148333	(1.12)	(1.92)
376100-Mains - Steel	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	9,661.58	7	0.00148333	100.32	171.98
376300-Mains - Plastic	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(9,726.87)	7	0.00148333	(101.00)	(173.14)
376100-Mains - Steel	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	921.84	6	0.00148333	8.20	16.41
376300-Mains - Plastic	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	3,594.61	6	0.00148333	31.99	63.98
376100-Mains - Steel	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	(23.26)	5	0.00148333	(0.17)	(0.41)
376300-Mains - Plastic	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	(90.67)	5	0.00148333	(0.67)	(1.61)
376100-Mains - Steel	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(23.40)	4	0.00148333	(0.14)	(0.42)
376300-Mains - Plastic	20501143696	006665	Repl 656ft of 6in PBS due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(91.18)	4	0.00148333	(0.54)	(1.62)
376300-Mains - Plastic	20801143783	006666	Repl 177ft 2in BS with 180ft 2in PI	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(17.33)	7	0.00148333	(0.18)	(0.31)
376300-Mains - Plastic	20801143783	006666	Repl 177ft 2in BS with 180ft 2in PI	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(118.81)	6	0.00148333	(1.06)	(2.11)

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376300-Mains - Plastic	20501143697	006667	Repl with 375ft of 2in PE due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(25.20)	7	0.00148333	(0.26)	(0.45)
376300-Mains - Plastic	20501143694	006668	Repl with 510ft of 4in PE due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(114.52)	7	0.00148333	(1.19)	(2.04)
376300-Mains - Plastic	20501143694	006668	Repl with 510ft of 4in PE due to CP	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	17.19	6	0.00148333	0.15	0.31
376300-Mains - Plastic	20806143872	006669	Repl 2in PCS due to CP Main and	F0598	Replace steel & plastic main	Addition	ISRS-Other	201509	58.11	7	0.00148333	0.60	1.03
378000-Meas & Reg Station Equipment	20932143803	006670	Rebuild DRS 4 Madison and Foxwood	F0606	Station rebuild & replacement	Addition	ISRS-Other	201511	26,953.85	5	0.00238333	321.20	770.88
378000-Meas & Reg Station Equipment	20932143803	006670	Rebuild DRS 4 Madison and Foxwood	F0606	Station rebuild & replacement	Addition	ISRS-Other	201512	(3,790.13)	4	0.00238333	(36.13)	(108.40)
376300-Mains - Plastic	20201143851	006671	Replace PBS Northern and 27th	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,107.83)	7	0.00148333	(11.50)	(19.72)
376101-MGE-Mains Steel-Transmission	20925143795	006690	Hydrotest 12in Transmission Main	F0502	34-394-100-PIPESAFE	Addition	ISRS-Other	201509	(432.73)	7	0.00148333	(4.49)	(7.70)
376300-Mains - Plastic	2050143908	006738	Replace with 975ft of 2in due to CP	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	33,960.50	4	0.00148333	201.50	604.50
376300-Mains - Plastic	20501143900	006740	Repl with 2120ft of 2in PE due to C	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	96,179.05	6	0.00148333	855.99	1,711.98
376300-Mains - Plastic	20501143900	006740	Repl with 2120ft of 2in PE due to C	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	335.89	5	0.00148333	2.49	5.98
376300-Mains - Plastic	20501143900	006740	Repl with 2120ft of 2in PE due to C	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(13.04)	4	0.00148333	(0.08)	(0.23)
376300-Mains - Plastic	20901143903	006762	Replace pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(77.87)	7	0.00148333	(0.81)	(1.39)
376300-Mains - Plastic	20901143903	006762	Replace pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(10.21)	6	0.00148333	(0.09)	(0.18)

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376300-Mains - Plastic	21001143860	006790	Replace 202ft of PBS with 202ft of	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(125.42)	7	0.00148333	(1.30)	(2.23)
376300-Mains - Plastic	21001143907	006800	Repl 60ft of 2in PE main with 2inP	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	2.19	7	0.00148333	0.02	0.04
376100-Mains - Steel	20401143829	006836	CI Break Repl w/1630ft of 4in PE an	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(75.40)	7	0.00148333	(0.78)	(1.34)
376300-Mains - Plastic	20401143829	006836	CI Break Repl w/1630ft of 4in PE an	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(342.28)	7	0.00148333	(3.55)	(6.09)
376100-Mains - Steel	20401143829	006836	CI Break Repl w/1630ft of 4in PE an	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	(9.98)	6	0.00148333	(0.09)	(0.18)
376300-Mains - Plastic	20401143829	006836	CI Break Repl w/1630ft of 4in PE an	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	(45.40)	6	0.00148333	(0.40)	(0.81)
376300-Mains - Plastic	20902143839	006838	Replace 4in PCS/PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(316.13)	7	0.00148333	(3.28)	(5.63)
376300-Mains - Plastic	20902143839	006838	Replace 4in PCS/PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(192.14)	6	0.00148333	(1.71)	(3.42)
376300-Mains - Plastic	20902143856	006839	Replace 2in PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(178.78)	7	0.00148333	(1.86)	(3.18)
376100-Mains - Steel	20401143807	006844	2in PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(77.66)	7	0.00148333	(0.81)	(1.38)
376300-Mains - Plastic	20201143934	006845	Replace 2in PCS & 2in PBS m	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(584.91)	7	0.00148333	(6.07)	(10.41)
376300-Mains - Plastic	20902143857	006851	Replace 4in PBS & 2in PCS m	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(157.64)	7	0.00148333	(1.64)	(2.81)
376300-Mains - Plastic	20902143858	006855	Replace 2in PCS/PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(101.60)	7	0.00148333	(1.05)	(1.81)
376300-Mains - Plastic	20902143858	006855	Replace 2in PCS/PBS main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(21.84)	6	0.00148333	(0.19)	(0.39)
376300-Mains - Plastic	20401143936	006910	4in CI Replacement	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	(57.31)	7	0.00148333	(0.60)	(1.02)
376300-Mains - Plastic	20401143742	006916	51st and Woodland CI Replacement	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	(606.66)	7	0.00148333	(6.30)	(10.80)
376300-Mains - Plastic	20401143742	006916	51st and Woodland CI Replacement	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201510	(721.08)	6	0.00148333	(6.42)	(12.84)
376300-Mains - Plastic	20401143849	006918	AOR Replace CI w/ 1,530ft-4in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(161.71)	7	0.00148333	(1.68)	(2.88)
376300-Mains - Plastic	20502143950	006935	Daugherty Avenue Bare Steel Replace	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(529.94)	7	0.00148333	(5.50)	(9.43)
376300-Mains - Plastic	20502143950	006935	Daugherty Avenue Bare Steel Replace	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	997.09	5	0.00148333	7.40	17.75

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376300-Mains - Plastic	20502143950	006935	Daugherty Avenue Bare Steel Replace	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(38.76)	4	0.00148333	(0.23)	(0.69)
376300-Mains - Plastic	20401143985	006970	4in PBS Replacement James A Ree	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(73.69)	7	0.00148333	(0.77)	(1.31)
376300-Mains - Plastic	20501143657	006975	Replace Main at Hill and Division C	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	22,312.78	7	0.00148333	231.68	397.17
376300-Mains - Plastic	20501143657	006975	Replace Main at Hill and Division C	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201510	1,329.43	6	0.00148333	11.83	23.66
376300-Mains - Plastic	20501143657	006975	Replace Main at Hill and Division C	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(33.53)	5	0.00148333	(0.25)	(0.60)
376300-Mains - Plastic	20501143657	006975	Replace Main at Hill and Division C	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(33.75)	4	0.00148333	(0.20)	(0.60)
376300-Mains - Plastic	20806143870	006982	Repl 2in PBS Due to CP Hickory	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(107.66)	7	0.00148333	(1.12)	(1.92)
376300-Mains - Plastic	20501143978	006985	Repl 230ft of 2in PE 19th and NH Jo	F0575	Replace steel & plastic main	Addition	ISRS-Other	201509	(21.87)	7	0.00148333	(0.23)	(0.39)
378000-Meas & Reg Station Equipment	20925143982	006990	Rebuild DRS 10 BB and Perry	F0606	Station rebuild & replacement	Addition	ISRS-Other	201510	(34.73)	6	0.00238333	(0.50)	(0.99)
376300-Mains - Plastic	20830143990	007031	Abandon Pressure System w Isolated	F0598	Replace steel & plastic main	Addition	ISRS-Other	201509	(161.94)	7	0.00148333	(1.68)	(2.88)
376300-Mains - Plastic	20501144012	007078	6th and Connor Repl 70ft of 4in PBS	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	8,885.71	4	0.00148333	52.72	158.17
376300-Mains - Plastic	20502143980	007080	Repl with 1220ft of 2in PE due to C	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	62,096.99	6	0.00148333	552.66	1,105.32
376300-Mains - Plastic	20502143980	007080	Repl with 1220ft of 2in PE due to C	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	37.96	5	0.00148333	0.28	0.68
376300-Mains - Plastic	20502143980	007080	Repl with 1220ft of 2in PE due to C	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	123.79	4	0.00148333	0.73	2.20
376100-Mains - Steel	20925143983	007153	Relocate 2in PCS IO DRS 10 BB and P	F0580	Replace steel & plastic main	Addition	ISRS-Other	201509	(42.17)	7	0.00148333	(0.44)	(0.75)
376100-Mains - Steel	20925143983	007153	Relocate 2in PCS IO DRS 10 BB and P	F0580	Replace steel & plastic main	Addition	ISRS-Other	201510	(6.25)	6	0.00148333	(0.06)	(0.11)
376100-Mains - Steel	21001143957	007182	Relocate Inlet and Outlet Piping DR	F0504	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(1,046.23)	7	0.00148333	(10.86)	(18.62)

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376300-Mains - Plastic	21001143957	007182	Relocate Inlet and Outlet Piping DR	F0504	Replace bare steel main - safety re	Addition	ISRS-Other	201509	203.44	7	0.00148333	2.11	3.62
376300-Mains - Plastic	20502144036	007183	Repl w 225ft of 2in PE 8th and Oakl	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(33.63)	7	0.00148333	(0.35)	(0.60)
376300-Mains - Plastic	20502144034	007191	Repl w 725ft of 4in PE 13th and Mad	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	44,496.85	6	0.00148333	396.02	792.04
376300-Mains - Plastic	20502144034	007191	Repl w 725ft of 4in PE 13th and Mad	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(505.10)	5	0.00148333	(3.75)	(8.99)
376300-Mains - Plastic	20502144034	007191	Repl w 725ft of 4in PE 13th and Mad	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	4.07	4	0.00148333	0.02	0.07
376100-Mains - Steel	21251144040	007197	2in PCS replacement	F0636	Replace steel & plastic main	Addition	ISRS-Other	201509	(22.98)	7	0.00148333	(0.24)	(0.41)
376300-Mains - Plastic	20501144013	007201	5th and Gray Repl w 820ft of 4in PE	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	91,487.78	4	0.00148333	542.83	1,628.48
376300-Mains - Plastic	20806143871	007202	Repl 2in PBS due to CP Rockhill	F0634	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(147.48)	7	0.00148333	(1.53)	(2.63)
376300-Mains - Plastic	20502144035	007206	Repl w 440ft of 4in PE 10th and Mad	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	40,516.97	6	0.00148333	360.60	721.20
376300-Mains - Plastic	20502144035	007206	Repl w 440ft of 4in PE 10th and Mad	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(21.49)	5	0.00148333	(0.16)	(0.38)
376300-Mains - Plastic	20502144035	007206	Repl w 440ft of 4in PE 10th and Mad	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	3,648.83	4	0.00148333	21.65	64.95
376100-Mains - Steel	20401144041	007310	Glen Arbor and Red Bridge Main Repl	F0636	Replace steel & plastic main	Addition	ISRS-Other	201509	(54.83)	7	0.00148333	(0.57)	(0.98)
376300-Mains - Plastic	21271143521	007313	PBS Replacement	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(542.24)	7	0.00148333	(5.63)	(9.65)
376300-Mains - Plastic	21271143521	007313	PBS Replacement	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(205.55)	5	0.00148333	(1.52)	(3.66)
376300-Mains - Plastic	20401144046	007316	AOR 4in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(58.08)	7	0.00148333	(0.60)	(1.03)
376300-Mains - Plastic	20401144045	007317	AOR 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(107.72)	7	0.00148333	(1.12)	(1.92)
376300-Mains - Plastic	20401144045	007317	AOR 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	(129.21)	6	0.00148333	(1.15)	(2.30)

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376300-Mains - Plastic	21251143731	007319	Replace Thin Film with 4in and 2in	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(159.16)	7	0.00148333	(1.65)	(2.83)
376100-Mains - Steel	20806143833	007324	Repl HWY Crossing Due to Desser Cou	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	112,650.74	7	0.00148333	1,169.69	2,005.18
376300-Mains - Plastic	20806143833	007324	Repl HWY Crossing Due to Desser Cou	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(106,632.89)	7	0.00148333	(1,107.20)	(1,898.06)
376300-Mains - Plastic	20201144057	007327	Replace 2in & 4in PBS Main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(99.70)	7	0.00148333	(1.04)	(1.77)
376100-Mains - Steel	20323144062	007330	HOUSTONIA GROUND BED REPLACEMENT	F0503	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(27.68)	7	0.00148333	(0.29)	(0.49)
376300-Mains - Plastic	20501155072	007396	12th St and Geneva Ave PBS Replacem	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(426.50)	7	0.00148333	(4.43)	(7.59)
376300-Mains - Plastic	20501155072	007396	12th St and Geneva Ave PBS Replacem	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	511.20	6	0.00148333	4.55	9.10
376300-Mains - Plastic	20501155072	007396	12th St and Geneva Ave PBS Replacem	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	11,585.32	5	0.00148333	85.92	206.22
376300-Mains - Plastic	20501155072	007396	12th St and Geneva Ave PBS Replacem	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	2,664.35	4	0.00148333	15.81	47.43
376300-Mains - Plastic	20401155084	007474	4in PE Main Relocation	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(45.17)	7	0.00148333	(0.47)	(0.80)
376300-Mains - Plastic	21001155069	007480	Repl 500ft of 3in & 4in B.S. w/ 4i	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(29.92)	7	0.00148333	(0.31)	(0.53)
376100-Mains - Steel	20904155108	007499	2in and 4in PBS Replacement with 2i	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(31,268.86)	7	0.00148333	(324.67)	(556.58)
376300-Mains - Plastic	20904155108	007499	2in and 4in PBS Replacement with 2i	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	31,119.79	7	0.00148333	323.13	553.93
376300-Mains - Plastic	20201155087	007503	Replace PBS main 23rd and Haden and	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	1,469.04	7	0.00148333	15.25	26.15
376300-Mains - Plastic	20201155087	007503	Replace PBS main 23rd and Haden and	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(36.55)	6	0.00148333	(0.33)	(0.65)
376300-Mains - Plastic	20501155075	007506	Repl PBS with 1250ft of PE 12th and	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(397.51)	7	0.00148333	(4.13)	(7.08)

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376300-Mains - Plastic	20502155074	007508	Walker St PBS Replacement	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(219.28)	7	0.00148333	(2.28)	(3.90)
376300-Mains - Plastic	20201155085	007511	Replace 4in PBS 23rd and Arlington	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(299.94)	7	0.00148333	(3.11)	(5.34)
376300-Mains - Plastic	20401155102	007512	6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(4.37)	7	0.00148333	(0.05)	(0.08)
376300-Mains - Plastic	20301155094	007513	Replace 2in PBS Gay and Mitchell	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	27,356.82	6	0.00148333	243.48	486.95
376300-Mains - Plastic	20301155094	007513	Replace 2in PBS Gay and Mitchell	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(48.47)	5	0.00148333	(0.36)	(0.86)
376300-Mains - Plastic	20301155094	007513	Replace 2in PBS Gay and Mitchell	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	(60.54)	4	0.00148333	(0.36)	(1.08)
376300-Mains - Plastic	20904155099	007516	Replace PBS main 130th and Byars Pa	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	4,396.17	7	0.00148333	45.65	78.25
376300-Mains - Plastic	20904155099	007516	Replace PBS main 130th and Byars Pa	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(175.84)	6	0.00148333	(1.56)	(3.13)
378000-Meas & Reg Station Equipment	21271155078	007530	Rebuild DRS 607	F0501	Station rebuild & replacement	Addition	ISRS-Other	201509	(30.02)	7	0.00238333	(0.50)	(0.86)
376300-Mains - Plastic	20401155095	007531	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(325.75)	7	0.00148333	(3.38)	(5.80)
376300-Mains - Plastic	20401143855	007532	Cast Iron Replacement Proj Phase 4	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	16,561.45	7	0.00148333	171.96	294.79
376300-Mains - Plastic	20401143855	007532	Cast Iron Replacement Proj Phase 4	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(466.69)	5	0.00148333	(3.46)	(8.31)
376300-Mains - Plastic	20401143855	007532	Cast Iron Replacement Proj Phase 4	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	552.29	4	0.00148333	3.28	9.83
376100-Mains - Steel	21271155077	007571	Main Replacement for DR 607 Inlet a	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(61.15)	7	0.00148333	(0.63)	(1.09)
376300-Mains - Plastic	20904155109	007576	Replace 2in PBS White and 148th Ter	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	1.37	7	0.00148333	0.01	0.02

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376300-Mains - Plastic	21001155065	007591	Repl 255ft of 6in BS w/ 4in PE.	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(9,205.00)	7	0.00148333	(95.58)	(163.85)
376300-Mains - Plastic	20505155107	007593	2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(64.79)	7	0.00148333	(0.67)	(1.15)
376300-Mains - Plastic	21001155066	007597	Repl 182ft of 2in BS with 2in PE	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(82.51)	7	0.00148333	(0.86)	(1.47)
376300-Mains - Plastic	20301155111	007601	Replace PBS main to eliminate DRS 9	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	243,671.01	6	0.00148333	2,168.67	4,337.33
376300-Mains - Plastic	20301155111	007601	Replace PBS main to eliminate DRS 9	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	52.13	5	0.00148333	0.39	0.93
376300-Mains - Plastic	20301155111	007601	Replace PBS main to eliminate DRS 9	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	399.97	4	0.00148333	2.37	7.12
376300-Mains - Plastic	20501155106	007652	2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	3,722.31	7	0.00148333	38.65	66.26
376300-Mains - Plastic	20501155106	007652	2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	15,764.86	6	0.00148333	140.31	280.61
376300-Mains - Plastic	20501155106	007652	2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	739.56	5	0.00148333	5.49	13.16
376300-Mains - Plastic	20501155106	007652	2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(464.38)	4	0.00148333	(2.76)	(8.27)
376300-Mains - Plastic	20401155118	007654	AOR 4in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	3,565.71	7	0.00148333	37.02	63.47
376300-Mains - Plastic	20401155118	007654	AOR 4in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(11,772.75)	4	0.00148333	(69.85)	(209.55)
376300-Mains - Plastic	20901155097	007672	Replace 2in PBS alley E of Walnut f	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(106.40)	7	0.00148333	(1.10)	(1.89)
376300-Mains - Plastic	20901155097	007672	Replace 2in PBS alley E of Walnut f	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(17.35)	6	0.00148333	(0.15)	(0.31)
376300-Mains - Plastic	20801155143	007693	Repl 178ft of 2in Bare Steel Main w	F0573	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(17.66)	7	0.00148333	(0.18)	(0.31)
376300-Mains - Plastic	20810155146	007706	Repl Main Odell and Missouri	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201511	208,271.54	5	0.00148333	1,544.68	3,707.23

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20810155146	007706	Repl Main Odell and Missouri	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,596.07	4	0.00148333	9.47	28.41
376300-Mains - Plastic	21001143861	007789	REPLACE 2151ft of PBS and PCS WITH	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(233.55)	7	0.00148333	(2.43)	(4.16)
376300-Mains - Plastic	21001155067	007790	Repl 165ft of 3in BS w/ 4in PE.	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(19.25)	7	0.00148333	(0.20)	(0.34)
376300-Mains - Plastic	21001155132	007824	Repl 612ft of 4in b/s with 4in PE	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	16.76	7	0.00148333	0.17	0.30
376300-Mains - Plastic	20401155219	007826	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(115.40)	7	0.00148333	(1.20)	(2.05)
376300-Mains - Plastic	20906155221	007828	Replace 2in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	3,196.20	7	0.00148333	33.19	56.89
376300-Mains - Plastic	20906155221	007828	Replace 2in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(57.84)	6	0.00148333	(0.51)	(1.03)
376300-Mains - Plastic	20401155181	007861	Cast Iron Replacement project Phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	2,614.90	7	0.00148333	27.15	46.55
376300-Mains - Plastic	20401155181	007861	Cast Iron Replacement project Phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(16.48)	5	0.00148333	(0.12)	(0.29)
376300-Mains - Plastic	20812155156	007862	2in PBS and 2in PCS Main Replacemen	F0634	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(111.25)	7	0.00148333	(1.16)	(1.98)
376300-Mains - Plastic	20401155164	007864	Cast Iron Replacement Proj KC Ph 5	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	14,593.09	7	0.00148333	151.52	259.76
376300-Mains - Plastic	20813155154	007865	2in PBS Main Replacement	F0634	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(99.26)	7	0.00148333	(1.03)	(1.77)
376300-Mains - Plastic	21001155187	007866	Replace 560ft of 4in b/s with 4in P	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	214.50	7	0.00148333	2.23	3.82
376200-Mains - Cast Iron	20401155121	007901	AOR 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(93,114.83)	7	0.00148333	(966.84)	(1,657.44)
376300-Mains - Plastic	20401155121	007901	AOR 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	92,720.58	7	0.00148333	962.75	1,650.42
376300-Mains - Plastic	20904155148	007902	PBS Replacement 2inch PE	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(283.64)	7	0.00148333	(2.95)	(5.05)

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	21001155068	007904	Repl 1396 ft of 4in BS w/ 4in PE	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(247.85)	7	0.00148333	(2.57)	(4.41)
376300-Mains - Plastic	20201155082	007906	Replace PBS Main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	525,843.25	5	0.00148333	3,900.00	9,359.99
376300-Mains - Plastic	20201155082	007906	Replace PBS Main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	42,123.84	4	0.00148333	249.93	749.80
376300-Mains - Plastic	20501155157	007910	3in and 4in PBS Main Replacement	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	111,335.89	4	0.00148333	660.59	1,981.77
376300-Mains - Plastic	20910155189	007926	Replace 2in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	5,173.17	7	0.00148333	53.71	92.08
376100-Mains - Steel	20401155201	007938	Replace 10in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(472.74)	7	0.00148333	(4.91)	(8.41)
376100-Mains - Steel	20401155201	007938	Replace 10in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(14.17)	5	0.00148333	(0.11)	(0.25)
376300-Mains - Plastic	21207155259	007961	3in PBS Main Replacement with 4	F0663	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(5.12)	7	0.00148333	(0.05)	(0.09)
376300-Mains - Plastic	20501155247	008129	2in PCS Main Replacement	F0575	Replace steel & plastic main	Addition	ISRS-Other	201512	228.70	4	0.00148333	1.36	4.07
376300-Mains - Plastic	20501155278	008141	Repl 2in PBS and PCS with 500ft	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(108.89)	7	0.00148333	(1.13)	(1.94)
376300-Mains - Plastic	21001155243	008205	Repl 203ft of 2in PBS with 2in PE	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201511	18,830.25	5	0.00148333	139.66	335.18
376300-Mains - Plastic	21001155243	008205	Repl 203ft of 2in PBS with 2in PE	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,360.80	4	0.00148333	8.07	24.22
376300-Mains - Plastic	20501155263	008212	Duquesne Rd 3in PCS Main Replacemen	F0575	Replace steel & plastic main	Addition	ISRS-Other	201512	47,010.27	4	0.00148333	278.93	836.78
382000 Meter Installations-MGE	20901155299	008214	First Assembly of God 3M Rotary Reb	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201509	1,692.13	7	0.00203333	24.08	41.29
376100-Mains - Steel	20906155284	008238	Replace 8in PBS Main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	310,628.02	6	0.00148333	2,764.58	5,529.17
376100-Mains - Steel	20906155284	008238	Replace 8in PBS Main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(1,144.54)	5	0.00148333	(8.49)	(20.37)
376100-Mains - Steel	20906155284	008238	Replace 8in PBS Main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	454.21	4	0.00148333	2.69	8.08
378000-Meas & Reg Station Equipment	21271144038	008241	DR 384 REBUILD	F0501	Station rebuild & replacement	Addition	ISRS-Other	201509	(52.85)	7	0.00238333	(0.88)	(1.51)
378000-Meas & Reg Station Equipment	21271144038	008243	DR 384 REBUILD	F0501	Station rebuild & replacement	Addition	ISRS-Other	201509	(8.50)	7	0.00238333	(0.14)	(0.24)
382000 Meter Installations-MGE	20903155313	008244	Price Chopper 3M Rotary Meter Rebu	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	1,355.89	6	0.00203333	16.54	33.08

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382000 Meter Installations-MGE	20903155313	008244	Price Chopper 3M Rotary Meter Rebu	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(55.36)	5	0.00203333	(0.56)	(1.35)
382000 Meter Installations-MGE	20903155313	008244	Price Chopper 3M Rotary Meter Rebu	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	3.92	4	0.00203333	0.03	0.10
382000 Meter Installations-MGE	20903155314	008245	Midwest Inn 7M Rotary Meter Rebuild	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	1,793.78	6	0.00203333	21.88	43.77
382000 Meter Installations-MGE	20903155314	008245	Midwest Inn 7M Rotary Meter Rebuild	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(142.36)	5	0.00203333	(1.45)	(3.47)
382000 Meter Installations-MGE	20903155314	008245	Midwest Inn 7M Rotary Meter Rebuild	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	(24.24)	4	0.00203333	(0.20)	(0.59)
376300-Mains - Plastic	20401155274	008247	4in and 6in Cast Iron Repl. 2in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	566.84	7	0.00148333	5.89	10.09
376300-Mains - Plastic	20401155274	008247	4in and 6in Cast Iron Repl. 2in PE	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(1,681.85)	4	0.00148333	(9.98)	(29.94)
376300-Mains - Plastic	20401155319	008274	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(56.19)	7	0.00148333	(0.58)	(1.00)
376300-Mains - Plastic	20401155319	008274	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(19.72)	5	0.00148333	(0.15)	(0.35)
376300-Mains - Plastic	20401155292	008360	Cast Iron Replacement proj KC Ph7	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	1,253,007.12	6	0.00148333	11,151.74	22,303.48
376300-Mains - Plastic	20401155292	008360	Cast Iron Replacement proj KC Ph7	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(2,259.41)	5	0.00148333	(16.76)	(40.22)
376300-Mains - Plastic	20401155292	008360	Cast Iron Replacement proj KC Ph7	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(614.53)	4	0.00148333	(3.65)	(10.94)
376300-Mains - Plastic	21251155311	008361	Replace 4in PE with 2in PE at 74 an	F0636	Replace steel & plastic main	Addition	ISRS-Other	201512	405.07	4	0.00148333	2.40	7.21
376100-Mains - Steel	20401155333	008365	3inch PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(11.02)	7	0.00148333	(0.11)	(0.20)
376300-Mains - Plastic	21272155334	008366	8in PBS Relocation	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(1,080.31)	7	0.00148333	(11.22)	(19.23)

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401155301	008389	Cast Iron Replacement project phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	914,041.10	6	0.00148333	8,134.95	16,269.90
376300-Mains - Plastic	20401155301	008389	Cast Iron Replacement project phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(176.93)	5	0.00148333	(1.31)	(3.15)
376300-Mains - Plastic	20401155301	008389	Cast Iron Replacement project phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	9,209.37	4	0.00148333	54.64	163.93
376300-Mains - Plastic	20401155172	008390	8IN CI REPLACEMENT	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	3,090.33	7	0.00148333	32.09	55.01
376300-Mains - Plastic	20401155172	008390	8IN CI REPLACEMENT	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201510	2,072.62	6	0.00148333	18.45	36.89
376300-Mains - Plastic	20401155172	008390	8IN CI REPLACEMENT	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201511	213.86	5	0.00148333	1.59	3.81
376300-Mains - Plastic	20401155172	008390	8IN CI REPLACEMENT	F0500	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201512	(56.25)	4	0.00148333	(0.33)	(1.00)
376100-Mains - Steel	20401155340	008391	2in PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(7.75)	7	0.00148333	(0.08)	(0.14)
376100-Mains - Steel	21271155342	008392	2in CS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(6.38)	7	0.00148333	(0.07)	(0.11)
376100-Mains - Steel	21271155342	008392	2in CS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201510	(0.01)	6	0.00148333	-	-
376100-Mains - Steel	20401155343	008393	3in PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(3.70)	7	0.00148333	(0.04)	(0.07)
376100-Mains - Steel	20401155343	008393	3in PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201511	851.17	5	0.00148333	6.31	15.15
376100-Mains - Steel	20401155343	008393	3in PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201512	(22.36)	4	0.00148333	(0.13)	(0.40)
376100-Mains - Steel	21271155344	008394	2in PCS Replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(32.24)	7	0.00148333	(0.33)	(0.57)
376300-Mains - Plastic	20401155317	008395	Cast Iron Replacement Project Phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	1,023,509.94	5	0.00148333	7,591.01	18,218.44
376300-Mains - Plastic	20401155317	008395	Cast Iron Replacement Project Phase	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(110,737.80)	4	0.00148333	(657.04)	(1,971.13)
376100-Mains - Steel	20601155110	008398	Replace 2in Valve due to Leakage 90	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(22.57)	7	0.00148333	(0.23)	(0.40)
376300-Mains - Plastic	21207155346	008399	4in PBS Replacement -3rd pty damage	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(36.25)	7	0.00148333	(0.38)	(0.65)
376100-Mains - Steel	21258155347	008400	2in PCS and Valve replacement	F0665	Replace steel & plastic main	Addition	ISRS-Other	201509	(32.66)	7	0.00148333	(0.34)	(0.58)
376300-Mains - Plastic	21001155233	008533	Repl 333ft of 2in and 4in b/s main	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201509	20,308.01	7	0.00148333	210.86	361.48
376300-Mains - Plastic	21001155233	008533	Repl 333ft of 2in and 4in b/s main	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201510	1,829.70	6	0.00148333	16.28	32.57

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	21001155233	008533	Repl 333ft of 2in and 4in b/s main	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(1,117.00)	5	0.00148333	(8.28)	(19.88)
376300-Mains - Plastic	21001155233	008533	Repl 333ft of 2in and 4in b/s main	F0678	Replace bare steel main - safety re	Addition	ISRS-Other	201512	21.05	4	0.00148333	0.12	0.37
376300-Mains - Plastic	20401155365	008537	AOR - 4in and 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(571.37)	7	0.00148333	(5.93)	(10.17)
376300-Mains - Plastic	20401155365	008537	AOR - 4in and 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	1,080.43	5	0.00148333	8.01	19.23
376300-Mains - Plastic	20401155365	008537	AOR - 4in and 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(32.90)	4	0.00148333	(0.20)	(0.59)
376300-Mains - Plastic	20401155320	008541	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	1,620.33	7	0.00148333	16.82	28.84
376300-Mains - Plastic	20401155320	008541	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	65.99	5	0.00148333	0.49	1.17
376300-Mains - Plastic	20502155309	008543	3in and 2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	23,262.29	6	0.00148333	207.03	414.07
376300-Mains - Plastic	20502155309	008543	3in and 2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	1,110.92	5	0.00148333	8.24	19.77
376300-Mains - Plastic	20502155309	008543	3in and 2in PBS Main Replacement	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(39.05)	4	0.00148333	(0.23)	(0.70)
376300-Mains - Plastic	20501155264	008546	12th St and Illinois Ave 4in PBS Ma	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201510	155,647.63	6	0.00148333	1,385.26	2,770.52
376300-Mains - Plastic	20501155264	008546	12th St and Illinois Ave 4in PBS Ma	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201511	675.11	5	0.00148333	5.01	12.02
376300-Mains - Plastic	20501155264	008546	12th St and Illinois Ave 4in PBS Ma	F0544	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,214.31	4	0.00148333	7.20	21.61
376300-Mains - Plastic	20401155359	008548	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(273.76)	7	0.00148333	(2.84)	(4.87)
376300-Mains - Plastic	20401155359	008548	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	166.38	5	0.00148333	1.23	2.96
376300-Mains - Plastic	20902155308	008549	Replace 2in & 3in PCS/PBS	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	204,951.25	5	0.00148333	1,520.05	3,648.12
376300-Mains - Plastic	20902155308	008549	Replace 2in & 3in PCS/PBS	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	15,728.26	4	0.00148333	93.32	279.96
376300-Mains - Plastic	20806155332	008633	2in PBS replacement due to CP and L	F0634	Replace bare steel main - safety re	Addition	ISRS-Other	201509	2,383.79	7	0.00148333	24.75	42.43

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Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401155356	008635	Cast Iron Replacement Proj Phase 10	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	326,099.15	5	0.00148333	2,418.56	5,804.55
376300-Mains - Plastic	20401155356	008635	Cast Iron Replacement Proj Phase 10	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	195,269.68	4	0.00148333	1,158.60	3,475.79
376300-Mains - Plastic	21001155322	008636	Replace 2in PBS/PCS & 6in P	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	233,198.40	6	0.00148333	2,075.46	4,150.92
376300-Mains - Plastic	21001155322	008636	Replace 2in PBS/PCS & 6in P	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(25.83)	5	0.00148333	(0.19)	(0.46)
376300-Mains - Plastic	21001155322	008636	Replace 2in PBS/PCS & 6in P	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	901.12	4	0.00148333	5.35	16.04
376100-Mains - Steel	20923155370	008675	4in PCS Main Replacement	F0605	Replace steel & plastic main	Addition	ISRS-Other	201509	(3.61)	7	0.00148333	(0.04)	(0.06)
376100-Mains - Steel	20923155370	008675	4in PCS Main Replacement	F0605	Replace steel & plastic main	Addition	ISRS-Other	201510	(0.47)	6	0.00148333	-	(0.01)
376300-Mains - Plastic	20201155147	008682	Replace 6in PCS 4in PCS/PBS &	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	159,570.86	5	0.00148333	1,183.48	2,840.35
376300-Mains - Plastic	20201155147	008682	Replace 6in PCS 4in PCS/PBS &	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	(4,475.49)	4	0.00148333	(26.55)	(79.66)
376300-Mains - Plastic	20902155383	008731	Replace 4in PBS- 83rd St	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,319.34)	7	0.00148333	(13.70)	(23.48)
376300-Mains - Plastic	20902155383	008731	Replace 4in PBS- 83rd St	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	98.24	4	0.00148333	0.58	1.75
376300-Mains - Plastic	20902155375	008740	Replace 4in PBS- Westridge Rd	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(2,390.49)	7	0.00148333	(24.82)	(42.55)
376300-Mains - Plastic	20902155375	008740	Replace 4in PBS- Westridge Rd	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	65.87	4	0.00148333	0.39	1.17
382000 Meter Installations-MGE	20903155419	008797	Chapel Hill Church 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	1,279.42	6	0.00203333	15.61	31.22
382000 Meter Installations-MGE	20903155419	008797	Chapel Hill Church 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(142.36)	5	0.00203333	(1.45)	(3.47)
382000 Meter Installations-MGE	20903155419	008797	Chapel Hill Church 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	(24.24)	4	0.00203333	(0.20)	(0.59)
382000 Meter Installations-MGE	20903155417	008798	Winsteads 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201509	2,760.97	7	0.00203333	39.30	67.37
382000 Meter Installations-MGE	20901155415	008799	RLDS Church 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	3,309.62	6	0.00203333	40.38	80.75

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382000 Meter Installations-MGE	20901155415	008799	RLDS Church 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(482.22)	5	0.00203333	(4.90)	(11.77)
382000 Meter Installations-MGE	20901155415	008799	RLDS Church 3M Rebuild SLRP	F0507	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	(36.96)	4	0.00203333	(0.30)	(0.90)
376300-Mains - Plastic	20201155425	008890	Replace Bare Steel-Waldo Ave	F0646	Replace bare steel main - safety re	Addition	ISRS-Other	201509	58,630.49	7	0.00148333	608.78	1,043.62
376300-Mains - Plastic	20201155425	008890	Replace Bare Steel-Waldo Ave	F0646	Replace bare steel main - safety re	Addition	ISRS-Other	201510	219.23	6	0.00148333	1.95	3.90
376300-Mains - Plastic	20201155425	008890	Replace Bare Steel-Waldo Ave	F0646	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(1,853.50)	5	0.00148333	(13.75)	(32.99)
376300-Mains - Plastic	20201155425	008890	Replace Bare Steel-Waldo Ave	F0646	Replace bare steel main - safety re	Addition	ISRS-Other	201512	127.00	4	0.00148333	0.75	2.26
376300-Mains - Plastic	20902155460	009133	Relocate 4in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	8,429.30	5	0.00148333	62.52	150.04
376300-Mains - Plastic	20902155460	009133	Relocate 4in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	12.96	4	0.00148333	0.08	0.23
376300-Mains - Plastic	20813155491	009136	2in Main Replacement	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201511	22,925.12	5	0.00148333	170.03	408.07
376300-Mains - Plastic	20813155491	009136	2in Main Replacement	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,097.49	4	0.00148333	6.51	19.54
376300-Mains - Plastic	20201155497	009227	Replace 4in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	46,359.87	6	0.00148333	412.60	825.20
376300-Mains - Plastic	20201155497	009227	Replace 4in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	10,325.44	5	0.00148333	76.58	183.79
376300-Mains - Plastic	20201155497	009227	Replace 4in pbs main	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	(440.22)	4	0.00148333	(2.61)	(7.84)
376300-Mains - Plastic	20501155480	009236	Wall Ave 2995' PBS Main Replacement	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	170,786.37	4	0.00148333	1,013.33	3,039.99
376300-Mains - Plastic	20806155485	009239	Repl PBS with 382 ft 2in Plastic Ma	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201511	22,355.08	5	0.00148333	165.80	397.92
376300-Mains - Plastic	20806155485	009239	Repl PBS with 382 ft 2in Plastic Ma	F0592	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,085.07	4	0.00148333	6.44	19.31
376300-Mains - Plastic	20401155483	009249	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	23,951.50	6	0.00148333	213.17	426.34
376300-Mains - Plastic	20401155483	009249	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(448.62)	5	0.00148333	(3.33)	(7.99)
376300-Mains - Plastic	20401155483	009249	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	11.11	4	0.00148333	0.07	0.20
376300-Mains - Plastic	20401155484	009251	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	8,281.95	6	0.00148333	73.71	147.42
376300-Mains - Plastic	20401155484	009251	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	2,357.86	5	0.00148333	17.49	41.97
376300-Mains - Plastic	20401155484	009251	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(189.42)	4	0.00148333	(1.12)	(3.37)
376101-MGE-Mains Steel-Transmission	20903155506	009253	Hydrotest the GV Lateral Transmissi	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	767,113.59	5	0.00148333	5,689.41	13,654.59
376101-MGE-Mains Steel-Transmission	20903155506	009253	Hydrotest the GV Lateral Transmissi	F0604	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	65,637.38	4	0.00148333	389.45	1,168.34
376300-Mains - Plastic	20401155463	009274	Replace 3in PCS, 1.25in PE, 2	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201510	31,814.07	6	0.00148333	283.14	566.29

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376300-Mains - Plastic	20401155463	009274	Replace 3in PCS, 1.25in PE, 2	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201511	25,134.18	5	0.00148333	186.41	447.39
376300-Mains - Plastic	20401155463	009274	Replace 3in PCS, 1.25in PE, 2	F0613	Replace bare steel main - safety re	Addition	ISRS-Other	201512	4,695.83	4	0.00148333	27.86	83.59
376300-Mains - Plastic	N/A	800036	20th and Maiden Lane Relocation	F0572	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	3,243.94	4	0.00148333	19.25	57.74
376300-Mains - Plastic	20501132871	003807	20th & Ozark Reloc PCS w 370'-4in;5	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(9.61)	7	0.00148333	(0.10)	(0.17)
376100-Mains - Steel	21274132678	003876	NE 68th Reloc PCS w 682'-4in PE mai	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(49.41)	7	0.00148333	(0.51)	(0.88)
376300-Mains - Plastic	20501122022	003999	19th & Maiden Reloc PCS/PE w 1965'-	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(219.61)	7	0.00148333	(2.28)	(3.91)
376100-Mains - Steel	21001143364	004035	26th & Frederick Reloc PCS w 56'-4i	F0617	Street & highway relocates	Addition	Public Improv	201510	5,809.34	6	0.00148333	51.70	103.41
376100-Mains - Steel	21001143364	004035	26th & Frederick Reloc PCS w 56'-4i	F0617	Street & highway relocates	Addition	Public Improv	201511	489.86	5	0.00148333	3.63	8.72
376100-Mains - Steel	21001143364	004035	26th & Frederick Reloc PCS w 56'-4i	F0617	Street & highway relocates	Addition	Public Improv	201512	161.10	4	0.00148333	0.96	2.87
376300-Mains - Plastic	20812143354	004134	Main & Elm Reloc PBS w 1895'-4in PE	F0545	Street & highway relocates	Addition	Public Improv	201509	(6.60)	7	0.00148333	(0.07)	(0.12)
376100-Mains - Steel	20401132947	004141	Lees Summit Rd 20in Reloc Proj	F0623	Street & highway relocates	Addition	Public Improv	201509	623.64	7	0.00148333	6.48	11.10
376100-Mains - Steel	20501121966	004161	26th & Schifferdecker Reloc Main Wi	F0546	Street & highway relocates - safety	Addition	Public Improv	201509	(25.09)	7	0.00148333	(0.26)	(0.45)
376100-Mains - Steel	20501121593	004179	50th & Indiana Reloc 5962'-4in PE m	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(0.66)	7	0.00148333	(0.01)	(0.01)
378000-Meas & Reg Station Equipment	20401132618	004380	Build DRS 100 LS Rd and GV Lateral	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	8,847.36	7	0.00238333	147.60	253.03

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378000-Meas & Reg Station Equipment	20401132618	004380	Build DRS 100 LS Rd and GV Lateral	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	3.65	6	0.00238333	0.05	0.10
378000-Meas & Reg Station Equipment	20401132618	004380	Build DRS 100 LS Rd and GV Lateral	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201512	(0.13)	4	0.00238333	-	-
376300-Mains - Plastic	20308143365	004389	22nd & Shelby Repl PBS w 410'-2in P	F0549	Street & highway relocates - safety	Addition	Public Improv	201509	(4.65)	7	0.00148333	(0.05)	(0.08)
376100-Mains - Steel	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(0.17)	7	0.00148333	-	-
376300-Mains - Plastic	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(13.13)	7	0.00148333	(0.14)	(0.23)
376300-Mains - Plastic	20501133062	004450	20th & Wisconsin Reloc 120'-8;1250'	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(1.48)	7	0.00148333	(0.02)	(0.03)
376100-Mains - Steel	20401132400	004645	Kansas City Street Car Phase 2	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(33.63)	7	0.00148333	(0.35)	(0.60)
376300-Mains - Plastic	20401132400	004645	Kansas City Street Car Phase 2	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(0.91)	7	0.00148333	(0.01)	(0.02)
376100-Mains - Steel	20401132402	004654	KC Street Car Ph 3 Reloc CI, PBS w	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(1,166.14)	7	0.00148333	(12.11)	(20.76)
376300-Mains - Plastic	20401132402	004654	KC Street Car Ph 3 Reloc CI, PBS w	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(23.19)	7	0.00148333	(0.24)	(0.41)

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376100-Mains - Steel	20901132732	004893	Colbern & Unity Way Reloc PBS w 550	F0514	Other relocates	Addition	Public Improv	201509	(3.65)	7	0.00148333	(0.04)	(0.06)
376100-Mains - Steel	20307143483	005030	6th & Main Reloc 4in PCS dogleg Sto	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(23.25)	7	0.00148333	(0.24)	(0.41)
376100-Mains - Steel	20307143483	005030	6th & Main Reloc 4in PCS dogleg Sto	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(10.17)	6	0.00148333	(0.09)	(0.18)
376300-Mains - Plastic	20506143552	005251	171 & Pearl Repl PBS w 625'-2in PE	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	14.80	7	0.00148333	0.15	0.26
376300-Mains - Plastic	20401143309	005270	Blue Pkwy Repl PBS/PE w 2557'-4in;1	F0595	Street & highway relocates	Addition	Public Improv	201509	(594.57)	7	0.00148333	(6.17)	(10.58)
376300-Mains - Plastic	21001143363	005331	Frederick & Kemper Reloc 20'-2in PE	F0617	Street & highway relocates	Addition	Public Improv	201509	(12.61)	7	0.00148333	(0.13)	(0.22)
376300-Mains - Plastic	21001143363	005331	Frederick & Kemper Reloc 20'-2in PE	F0617	Street & highway relocates	Addition	Public Improv	201510	(2.55)	6	0.00148333	(0.02)	(0.05)
376300-Mains - Plastic	20812143611	005492	Hines & Main Repl PBS/PCS w 5775'-2	F0545	Street & highway relocates	Addition	Public Improv	201509	(579.84)	7	0.00148333	(6.02)	(10.32)
376300-Mains - Plastic	21207143502	005515	73rd Crt Reloc PCS w 325'-6in TF St	F0595	Street & highway relocates	Addition	Public Improv	201509	(94.94)	7	0.00148333	(0.99)	(1.69)
376300-Mains - Plastic	21207143502	005515	73rd Crt Reloc PCS w 325'-6in TF St	F0595	Street & highway relocates	Addition	Public Improv	201510	(71.45)	6	0.00148333	(0.64)	(1.27)
376300-Mains - Plastic	21205143503	005516	Pleasant Valley Rd Reloc PBSPCS w 1	F0595	Street & highway relocates	Addition	Public Improv	201509	(245.55)	7	0.00148333	(2.55)	(4.37)
376300-Mains - Plastic	20501143621	005551	11th & Highview Reloc PBS w 1245'-2	F0546	Street & highway relocates - safety	Addition	Public Improv	201509	9.87	7	0.00148333	0.10	0.18
376300-Mains - Plastic	20501143622	005555	Rolla & Brownell Reloc PBS w 1185'-	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(53.54)	7	0.00148333	(0.56)	(0.95)
376100-Mains - Steel	20307143658	005633	7th & Orange Reloc pcs w 18'-6in CS	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(1.88)	7	0.00148333	(0.02)	(0.03)
376100-Mains - Steel	21274143634	005687	56th Terr Reloc 20'-2in CS main	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(6.73)	7	0.00148333	(0.07)	(0.12)
376300-Mains - Plastic	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	0.08	7	0.00148333	-	-

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376300-Mains - Plastic	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	42.33	7	0.00148333	0.44	0.75
376100-Mains - Steel	20513143661	005737	Pennel & Summit Reloc BS/CS w 485'-	F0546	Street & highway relocates - safety	Addition	Public Improv	201509	(2.50)	7	0.00148333	(0.03)	(0.04)
376300-Mains - Plastic	20513143661	005737	Pennel & Summit Reloc BS/CS w 485'-	F0546	Street & highway relocates - safety	Addition	Public Improv	201509	(20.60)	7	0.00148333	(0.21)	(0.37)
376100-Mains - Steel	21271143554	005772	NE Kelsey Reloc PCS/PBS w 100'-4in	F0497	Street & highway relocates - safety	Addition	Public Improv	201509	(71.30)	7	0.00148333	(0.74)	(1.27)
376300-Mains - Plastic	21271143554	005772	NE Kelsey Reloc PCS/PBS w 100'-4in	F0497	Street & highway relocates - safety	Addition	Public Improv	201509	(15.62)	7	0.00148333	(0.16)	(0.28)
376300-Mains - Plastic	21213143676	006075	Excelsior Springs Public Improvemen	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(104.98)	7	0.00148333	(1.09)	(1.87)
376300-Mains - Plastic	20925143728	006423	Relocate 6in PE MoDOT Walnut to AA	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	4,411.61	7	0.00148333	45.81	78.53
376300-Mains - Plastic	20501143693	006431	Relocate Main Due to Sidewalk Proje	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(472.53)	7	0.00148333	(4.91)	(8.41)
376100-Mains - Steel	20401143774	006433	Relocate 220'-8in PBS with Thin Fil	F0497	Street & highway relocates - safety	Addition	Public Improv	201509	(260.48)	7	0.00148333	(2.70)	(4.64)
376100-Mains - Steel	20901143349	006716	Relocate 4in pbs main	F0549	Street & highway relocates - safety	Addition	Public Improv	201509	(7.29)	7	0.00148333	(0.08)	(0.13)
376300-Mains - Plastic	20901143349	006716	Relocate 4in pbs main	F0549	Street & highway relocates - safety	Addition	Public Improv	201509	(471.80)	7	0.00148333	(4.90)	(8.40)
376300-Mains - Plastic	20501143892	006734	Relocate 6in PE Main due to Storm B	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(24.84)	7	0.00148333	(0.26)	(0.44)
376300-Mains - Plastic	20401143595	006915	Replace BS with 2in and 4in	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(235.50)	7	0.00148333	(2.45)	(4.19)
376300-Mains - Plastic	20806144003	007171	Relocate 2in Steel Main due to Road	F0545	Street & highway relocates	Addition	Public Improv	201509	(214.54)	7	0.00148333	(2.23)	(3.82)
376300-Mains - Plastic	20501144049	007326	Relocate 3in PBS Due to Storm Impro	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(58.59)	7	0.00148333	(0.61)	(1.04)
376300-Mains - Plastic	20201155071	007392	Relocate 2in PE for storm 14th and	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(35.39)	7	0.00148333	(0.37)	(0.63)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20501144063	007507	Relocate 10in PE Main due to Storm	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201510	133,020.82	6	0.00148333	1,183.88	2,367.77
376300-Mains - Plastic	20501144063	007507	Relocate 10in PE Main due to Storm	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201511	388.64	5	0.00148333	2.88	6.92
376300-Mains - Plastic	20501144063	007507	Relocate 10in PE Main due to Storm	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201512	1,043.11	4	0.00148333	6.19	18.57
376100-Mains - Steel	20928155115	007573	Install two doglegs MoDOT J353040	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	1,833.78	7	0.00148333	19.04	32.64
376100-Mains - Steel	20928155115	007573	Install two doglegs MoDOT J353040	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(4.19)	6	0.00148333	(0.04)	(0.07)
376300-Mains - Plastic	21251143812	007574	4in PE Relocation (Reimb)	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(224.14)	7	0.00148333	(2.33)	(3.99)
376300-Mains - Plastic	20904155120	007577	Replace 2in PBS 135th and Parker Pa	F0549	Street & highway relocates - safety	Addition	Public Improv	201509	(141.42)	7	0.00148333	(1.47)	(2.52)
376300-Mains - Plastic	20904155120	007577	Replace 2in PBS 135th and Parker Pa	F0549	Street & highway relocates - safety	Addition	Public Improv	201510	(25.39)	6	0.00148333	(0.23)	(0.45)
376300-Mains - Plastic	20904155124	007590	Replace main Belmont 137th to 139th	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(109.73)	7	0.00148333	(1.14)	(1.95)
376300-Mains - Plastic	20901155137	007599	Relocate 4in PE MoDOT J4P2233 Black	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(117.09)	7	0.00148333	(1.22)	(2.08)
376300-Mains - Plastic	20501155166	007881	Relocate 4in PE for Storm Improve	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(486.37)	7	0.00148333	(5.05)	(8.66)
376300-Mains - Plastic	21240155217	007927	2in Repl Clark Avenue Bridge Repl O	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201510	(56.84)	6	0.00148333	(0.51)	(1.01)
376100-Mains - Steel	20201155241	007969	Relocate 8in pcs main	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(104.01)	7	0.00148333	(1.08)	(1.85)
376100-Mains - Steel	20201155241	007969	Relocate 8in pcs main	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(14.15)	6	0.00148333	(0.13)	(0.25)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20501155329	008310	Relocate 4in PE due to Storm Drain	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(32.04)	7	0.00148333	(0.33)	(0.57)
376300-Mains - Plastic	21271155315	008362	Relocate 40ft of 4in PE at Vivion a	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(7.45)	7	0.00148333	(0.08)	(0.13)
376300-Mains - Plastic	21271155315	008362	Relocate 40ft of 4in PE at Vivion a	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201511	402.03	5	0.00148333	2.98	7.16
376300-Mains - Plastic	21271155315	008362	Relocate 40ft of 4in PE at Vivion a	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	(14.12)	4	0.00148333	(0.08)	(0.25)
378000-Meas & Reg Station Equipment	20901144058	008367	Rebuild DRS 58 Independence and Tow	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	11,000.64	6	0.00238333	157.31	314.62
378000-Meas & Reg Station Equipment	20901144058	008367	Rebuild DRS 58 Independence and Tow	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201511	(578.46)	5	0.00238333	(6.89)	(16.54)
376300-Mains - Plastic	20901155368	008674	Manhattan Dr.- 4in PE Relocatio	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(0.64)	7	0.00148333	(0.01)	(0.01)
376300-Mains - Plastic	20901155368	008674	Manhattan Dr.- 4in PE Relocatio	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201512	(0.05)	4	0.00148333	-	-
376300-Mains - Plastic	20501155348	008681	C Street and Harlem PBS/PCS replac	F0546	Street & highway relocates - safety	Addition	Public Improv	201510	79,835.24	6	0.00148333	710.53	1,421.06
376300-Mains - Plastic	20501155348	008681	C Street and Harlem PBS/PCS replac	F0546	Street & highway relocates - safety	Addition	Public Improv	201511	(3,098.34)	5	0.00148333	(22.98)	(55.15)
376300-Mains - Plastic	20501155348	008681	C Street and Harlem PBS/PCS replac	F0546	Street & highway relocates - safety	Addition	Public Improv	201512	62.21	4	0.00148333	0.37	1.11
376300-Mains - Plastic	20908155382	008692	Relocate 2in pcs main	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(31.90)	7	0.00148333	(0.33)	(0.57)
376300-Mains - Plastic	20908155382	008692	Relocate 2in pcs main	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(5.41)	6	0.00148333	(0.05)	(0.10)
376300-Mains - Plastic	20201155406	008755	2in Main Relocation- 24 Hwy	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(6.36)	7	0.00148333	(0.07)	(0.11)
376100-Mains - Steel	21261155422	008790	4in PCS Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(8,950.44)	7	0.00148333	(92.94)	(159.32)
376100-Mains - Steel	21261155422	008790	4in PCS Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	(4,641.42)	4	0.00148333	(27.54)	(82.62)
376300-Mains - Plastic	20513155372	008791	Carl Junction Addition for R1 HP Ma	F0664	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201510	92,686.08	6	0.00148333	824.90	1,649.81

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015 with Estimates for January and February 2016

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20928155427	008804	Relocate 2in pcs main	F0578	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(130.99)	7	0.00148333	(1.36)	(2.33)
376100-Mains - Steel	20401155393	008809	6in PCS Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201511	21,076.29	5	0.00148333	156.32	375.16
376100-Mains - Steel	20401155393	008809	6in PCS Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	1,881.38	4	0.00148333	11.16	33.49
376300-Mains - Plastic	21215155377	008895	Gas Main Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201510	107,761.64	6	0.00148333	959.08	1,918.15
376300-Mains - Plastic	21215155377	008895	Gas Main Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201511	(602.32)	5	0.00148333	(4.47)	(10.72)
376300-Mains - Plastic	21215155377	008895	Gas Main Relocation	F0547	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	(163.37)	4	0.00148333	(0.97)	(2.91)
376300-Mains - Plastic	20815155412	008899	HWY 65 and HWY J Improvements	F0545	Street & highway relocates	Addition	Public Improv	201509	(3,798.95)	7	0.00148333	(39.45)	(67.62)
380200-Services - Plastic & Copper	20324143653	005794	12302 Hwy 135 Repl 2in Svc w 4in PE	F0628	Services - 2" & larger	Addition	SLRP	201509	(1.82)	7	0.00223333	(0.03)	(0.05)
380200-Services - Plastic & Copper	20401143804	006596	BLOUNT-REPLACEMENT SERVICE LINE	F0587	Services - 2" & larger	Addition	SLRP	201509	(137.71)	7	0.00223333	(2.15)	(3.69)
380200-Services - Plastic & Copper	20401143776	006710	2100 CENTRAL AVE-REPL SERVICE LINE	F0587	Services - 2" & larger	Addition	SLRP	201509	(2.40)	7	0.00223333	(0.04)	(0.06)
380200-Services - Plastic & Copper	21001143881	006714	Replace 1 1/4 plastic with 2in PE	F0587	Services - 2" & larger	Addition	SLRP	201509	(10.62)	7	0.00223333	(0.17)	(0.28)
380200-Services - Plastic & Copper	21219155239	008130	Repl 2inch PE Service 1100 Main St	F0587	Services - 2" & larger	Addition	SLRP	201509	5.82	7	0.00223333	0.09	0.16
380200-Services - Plastic & Copper	20401155256	008759	2in Service Replacement	F0631	Services - 2" & larger - safety	Addition	SLRP	201509	1,319.82	7	0.00223333	20.63	35.37
380200-Services - Plastic & Copper	20401155256	008759	2in Service Replacement	F0631	Services - 2" & larger - safety	Addition	SLRP	201512	0.04	4	0.00223333	-	-
Total Additions									12,691,796.48			117,550.78	254,410.82

Missouri Gas Energy - MGE
ISRS Work Order Retirements September 2015 - December 2015

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Month	Retirement Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376200-Mains - Cast Iron	20401132881	003789	18th & Locust Repl CI w 500'-4in PE	F0599	Main Replacement - ISRS (N)	Retirement	201509	(60.78)	0	0.00148333	-	(1.08)
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201509	(6,122.29)	0	0.00223333	-	(164.08)
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201510	(17,390.29)	0	0.00223333	-	(466.06)
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201511	(6,141.30)	0	0.00223333	-	(164.59)
380200-Services - Plastic & Copper	20401050301	004152	BWO-Repl Svc w/ Pls (North Reg)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201512	(9,975.81)	0	0.00223333	-	(267.35)
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201509	(1,607.64)	0	0.00223333	-	(43.08)
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201510	(43,834.11)	0	0.00223333	-	(1,174.75)
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201511	(32,837.38)	0	0.00223333	-	(880.04)
380200-Services - Plastic & Copper	20901050301	004153	BWO-Repl Svc w/ Pls (South Reg)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201512	(30,991.10)	0	0.00223333	-	(830.56)
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ Pls (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201509	(8,265.47)	0	0.00223333	-	(221.51)
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ Pls (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201510	(7,631.17)	0	0.00223333	-	(204.52)
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ Pls (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201511	(8,598.47)	0	0.00223333	-	(230.44)
380200-Services - Plastic & Copper	20801050301	004501	BWO-Repl Svc w/ Pls (SW Reg)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201512	(1,601.71)	0	0.00223333	-	(42.93)
376100-Mains - Steel	20501143693	006431	Relocate Main Due to Sidewalk Proje	F0664	Street & Hwy Relocates ISRS (SW)	Retirement	201509	(1,315.74)	0	0.00148333	-	(23.42)
380200-Services - Plastic & Copper	20401143804	006596	BLOUNT-REPLACEMENT SERVICE LINE	F0587	Services - 2" & larger	Retirement	201510	(1,115.27)	0	0.00223333	-	(29.89)
376100-Mains - Steel	20401143804	006596	BLOUNT-REPLACEMENT SERVICE LINE	F0587	Services - 2" & larger	Retirement	201510	(1.54)	0	0.00148333	-	(0.03)
376100-Mains - Steel	20806143872	006669	Repl 2in PCS due to CP Main and	F0598	Replace steel & plastic main	Retirement	201509	(175.39)	0	0.00148333	-	(3.12)
376300-Mains - Plastic	21001143907	006800	Rwp 60ft of 2in PE main with 2inP	F0580	Replace steel & plastic main	Retirement	201509	(1,708.81)	0	0.00148333	-	(30.42)
376100-Mains - Steel	20806144003	007171	Relocate 2in Steel Main due to Road	F0545	Street & highway relocates	Retirement	201509	(233.30)	0	0.00148333	-	(4.15)
376100-Mains - Steel	21271143521	007313	PBS Replacement	F0663	Replace bare steel main - safety re	Retirement	201511	(36,930.85)	0	0.00148333	-	(657.37)
376100-Mains - Steel	20301155094	007513	Replace 2in PBS Gay and Mitchell	F0604	Main Replacement - ISRS (S)	Retirement	201510	(255.58)	0	0.00148333	-	(4.55)
376200-Mains - Cast Iron	20401143855	007532	Cast Iron Replacement Proj Phase 4	F0599	Main Replacement - ISRS (N)	Retirement	201511	(16,972.75)	0	0.00148333	-	(302.11)
376100-Mains - Steel	20401143855	007532	Cast Iron Replacement Proj Phase 4	F0599	Main Replacement - ISRS (N)	Retirement	201511	(1,166.22)	0	0.00148333	-	(20.76)
376300-Mains - Plastic	20301155111	007601	Replace PBS main to eliminate DRS 9	F0604	Main Replacement - ISRS (S)	Retirement	201510	(21,093.90)	0	0.00148333	-	(375.47)
376100-Mains - Steel	20301155111	007601	Replace PBS main to eliminate DRS 9	F0604	Main Replacement - ISRS (S)	Retirement	201510	(7,597.00)	0	0.00148333	-	(135.23)
376200-Mains - Cast Iron	20401155181	007861	Cast Iron Replacement project Phase	F0599	Main Replacement - ISRS (N)	Retirement	201511	(6,939.29)	0	0.00148333	-	(123.52)
376100-Mains - Steel	20401155181	007861	Cast Iron Replacement project Phase	F0599	Main Replacement - ISRS (N)	Retirement	201511	(127.03)	0	0.00148333	-	(2.26)
376100-Mains - Steel	21240155217	007927	2in Repl Clark Avenue Bridge Repl O	F0547	Street & Highway Relocates ISRS (N)	Retirement	201511	(429.73)	0	0.00148333	-	(7.65)
382000 Meter Installations-MGE	20903155314	008245	Midwest Inn 7M Rotary Meter Rebuild	F0507	Rebuild Meter Install 2" & Lg (S)	Retirement	201510	(679.23)	0	0.00203333	-	(16.57)
376200-Mains - Cast Iron	20401155319	008274	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Retirement	201511	(32.81)	0	0.00148333	-	(0.58)
376300-Mains - Plastic	21271155315	008362	Relocate 40ft of 4in PE at Vivion a	F0547	Street & Highway Relocates ISRS (N)	Retirement	201511	(742.44)	0	0.00148333	-	(13.22)
376100-Mains - Steel	21271155334	008366	8in PBS Relocation	F0613	Replace bare steel main - safety re	Retirement	201509	(3,925.94)	0	0.00148333	-	(69.88)
378000-Meas & Reg Station Equipment	20901144058	008367	Rebuild DRS 58 Independence and Tow	F0578	Street & Highway Relocates ISRS (S)	Retirement	201510	(11,876.14)	0	0.00238333	-	(339.66)
376200-Mains - Cast Iron	20401155172	008390	8IN CI REPLACEMENT	F0500	Replace cast iron main - CPI / prio	Retirement	201511	(478.88)	0	0.00148333	-	(8.52)
376100-Mains - Steel	20401155340	008391	2in PCS Replacement	F0665	Replace steel & plastic main	Retirement	201509	(23.55)	0	0.00148333	-	(0.42)
376100-Mains - Steel	20401155343	008393	3in PCS Replacement	F0665	Replace steel & plastic main	Retirement	201509	(9.23)	0	0.00148333	-	(0.16)
376100-Mains - Steel	21207155346	008399	4in PBS Replacement -3rd pty damage	F0613	Replace bare steel main - safety re	Retirement	201509	(47.12)	0	0.00148333	-	(0.84)
376300-Mains - Plastic	20401155365	008537	AOR - 4in and 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Retirement	201511	(15,464.02)	0	0.00148333	-	(275.26)
376200-Mains - Cast Iron	20401155365	008537	AOR - 4in and 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Retirement	201511	(1,528.58)	0	0.00148333	-	(27.21)
376200-Mains - Cast Iron	20401155320	008541	AOR - 6in CI Replacement	F0599	Main Replacement - ISRS (N)	Retirement	201511	(610.86)	0	0.00148333	-	(10.87)
376200-Mains - Cast Iron	20401155359	008548	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Retirement	201511	(101.21)	0	0.00148333	-	(1.80)
376100-Mains - Steel	20806155332	008633	2in PBS replacement due to CP and L	F0634	Replace bare steel main - safety re	Retirement	201509	(4,746.17)	0	0.00148333	-	(84.48)
380200-Services - Plastic & Copper	N/A	009220	BWO-Abandon Service (North)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201509	(114,005.17)	0	0.00223333	-	(3,055.33)
380200-Services - Plastic & Copper	N/A	009220	BWO-Abandon Service (North)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201510	(90,059.69)	0	0.00223333	-	(2,413.60)
380200-Services - Plastic & Copper	N/A	009220	BWO-Abandon Service (North)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201511	(16,841.67)	0	0.00223333	-	(451.36)
380200-Services - Plastic & Copper	N/A	009220	BWO-Abandon Service (North)	F0608	BWO Service Line Repl - ISRS (N)	Retirement	201512	(24,102.82)	0	0.00223333	-	(645.95)
380200-Services - Plastic & Copper	N/A	009221	BWO-Abandon Service (South Region)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201509	(4,839.71)	0	0.00223333	-	(129.70)
380200-Services - Plastic & Copper	N/A	009221	BWO-Abandon Service (South Region)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201510	(32,256.20)	0	0.00223333	-	(864.46)
380200-Services - Plastic & Copper	N/A	009221	BWO-Abandon Service (South Region)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201511	(30,077.06)	0	0.00223333	-	(806.06)
380200-Services - Plastic & Copper	N/A	009221	BWO-Abandon Service (South Region)	F0513	BWO Service Line Repl - ISRS (S)	Retirement	201512	(7,367.28)	0	0.00223333	-	(197.44)
380200-Services - Plastic & Copper	N/A	009222	BWO-Abandon Service (SW Region)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201509	(19,129.13)	0	0.00223333	-	(512.66)
380200-Services - Plastic & Copper	N/A	009222	BWO-Abandon Service (SW Region)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201510	(12,908.82)	0	0.00223333	-	(345.96)
380200-Services - Plastic & Copper	N/A	009222	BWO-Abandon Service (SW Region)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201511	(8,642.29)	0	0.00223333	-	(231.61)
380200-Services - Plastic & Copper	N/A	009222	BWO-Abandon Service (SW Region)	F0659	BWO Service Line Repl - ISRS (SW)	Retirement	201512	(6,963.02)	0	0.00223333	-	(186.61)
376200-Mains - Cast Iron	20401155483	009249	AOR - 8in CI Replacement	F0599	Main Replacement - ISRS (N)	Retirement	201511	(65.60)	0	0.00148333	-	(1.17)
376100-Mains - Steel	20401155463	009274	Replace 3in PCS, 1.25in PE, 2	F0613	Replace bare steel main - safety re	Retirement	201511	(3,313.64)	0	0.00148333	-	(58.98)
376300-Mains - Plastic	20401155463	009274	Replace 3in PCS, 1.25in PE, 2	F0613	Replace bare steel main - safety re	Retirement	201511	(1,948.30)	0	0.00148333	-	(34.68)
376100-Mains - Steel	20501155128	007602	Gas Main Replacement Due To Leak	F0575	Replace steel & plastic main	Retirement	201509	(8.17)	0	0.00148333	-	(0.15)
378000-Meas & Reg Station Equipment	20305155397	008736	Retire DRS 6 in Sweet Springs	F0606	Station rebuild & replacement	Retirement	201510	(3,577.68)	0	0.00238333	-	(102.32)
378000-Meas & Reg Station Equipment	20201143462	004891	32nd & Norton Retire DRS 82	F0600	Station Rebuild & Repl ISRS (N)	Retirement	201509	(5,157.84)	0	0.00238333	-	(147.51)
378000-Meas & Reg Station Equipment	20324155273	008207	Retire DRS 1 Alley under Water Towe	F0501	Station rebuild & replacement	Retirement	201511	(5,190.78)	0	0.00238333	-	(148.46)
378000-Meas & Reg Station Equipment	20301155114	007600	Retire DRS 9 Jefferson and Maguire	F0606	Station rebuild & replacement	Retirement	201510	(2,909.85)	0	0.00238333	-	(83.22)
378000-Meas & Reg Station Equipment	20305155395	008734	Retire DRS 2 in Sweet Springs	F0606	Station rebuild & replacement	Retirement	201510	(5,842.19)	0	0.00238333	-	(167.09)

378000-Meas & Reg Station Equipment	20305155396	008735	Retire DRS 3 in Sweet Springs	F0606	Station rebuild & replacement	Retirement	201510	(3,356.87)	0	0.00238333	-	(96.01)
378000-Meas & Reg Station Equipment	20305155398	008732	Retire DRS 7 in Sweet Springs	F0606	Station rebuild & replacement	Retirement	201510	(5,449.03)	0	0.00238333	-	(155.84)
376200-Mains - Cast Iron	20401155254	008638	4in Cast Iron Abandonment	F0500	Replace cast iron main - CPI / prio	Retirement	201511	(720.43)	0	0.00148333	-	(12.82)

Total Retirements (716,119.34)

(18,109.40)

**Missouri Gas Energy
Deferred Taxes - Rate Base Reduction
ISRS Filing**

Federal Tax Rate:	35.0000%			
Composite Tax Rate:	<u>38.3886%</u>			
	Current ISRS	GR-2015-0025	GO-2015-0270	GO-2015-0343
2015 Tax Depreciation	734,931	-	2,351,132	8,471,905
2016 Tax Depreciation	6,569,782	231,039	391,762	291,202
Total Tax Depreciation	<u>7,304,713</u>	<u>231,039</u>	<u>2,742,894</u>	<u>8,763,106</u>
Book Depreciation	<u>163,955</u>	<u>144,253</u>	<u>219,072</u>	<u>181,544</u>
Difference between tax and book Depec	<u>\$ 7,140,758</u>	<u>\$ 86,786</u>	<u>\$ 2,523,822</u>	<u>\$ 8,581,562</u>
Total Deferred Taxes	<u>\$ 2,741,237</u>	<u>\$ 33,316</u>	<u>\$ 968,860</u>	<u>\$ 3,294,341</u>

**Missouri Gas Energy
ISRS Revenue Requirements Calculation**

<u>ISRS Activity:</u>	Total for ISRS Filing
<u>Gas Utility Plant Projects--Total -(RM) RSMo 393.1012:</u>	
<u>Work Orders Placed in Service:</u>	
Replacement Mains, Services and Associated Valves and Regulators	\$ 24,696,659
Deferred Taxes (Previous ISRS)	\$ (4,296,517)
Accumulated Depreciation (Previous ISRS)	\$ (544,870)
Deferred Taxes (Current)	(2,741,237)
Accumulated Depreciation (Current)	(163,954)
	<hr/>
Total ISRS Rate Base	16,950,081
Pre-tax rate of return from S&A in GR-2014-0007	9.75%
	<hr/>
Total Revenue Requirement on Capital	1,652,633
Depreciation Expense	432,161
Property Taxes	1,161,687
Reconciliation of previous ISRS cases	323,568
	<hr/>
Current ISRS Revenues	<u><u>\$ 3,570,050</u></u>

**Missouri Gas Energy
Summary of Plant Additions**

	Original Cost	Retirements	Accum Depr	Depr Exp
<u>Summary</u>				
Public Improvements	442,808.81		4,026.38	8,090.18
SLRP	8,220,845.46		64,734.80	146,526.49
Encapsulation	597,412.30		4,855.57	10,633.91
Regulator Stations	-		-	-
Blanket Workorders	3,430,729.91		43,934.03	89,160.24
January completed work order additions	6,344,158.65		28,785.79	115,143.39
February completed work order additions	5,660,704.28		17,617.70	105,706.44
Retirements		(1,813,123.72)		(43,099.34)
Grand Total	24,696,659.41	(1,813,123.72)	163,954.27	432,161.31

**Missouri Gas Energy
Rate Design
ISRS Filing**

Current ISRS Filing	\$	3,570,050
GO-2015-0343	\$	1,878,151
GO-2015-0270 ISRS Rev Req	\$	2,814,926
GR-2015-0025 ISRS Rev Req	\$	1,990,295
Total ISRS Rev Requirement	\$	<u>10,253,423</u>

	No. of Customers <u>Note</u>	Customer <u>Charges</u>	<u>Allocation</u>	Ratio To <u>Res Cust Chrg</u>	ISRS Charge	ISRS <u>Revenue</u>
Residential	441,101	\$23.00	\$ 8,955,941	1.0000	\$ 1.51	\$ 8,008,389
Small General Service	60,339	\$34.00	\$ 1,225,099	1.4783	\$ 2.24	\$ 1,619,408
Large General Service	3,082	\$115.40	\$ 62,576	5.0174	\$ 7.59	\$ 280,749
Large Volume	483	\$904.56	\$ 9,807	39.3287	\$ 59.50	\$ 344,877
	<u>505,005</u>		\$ <u>10,253,423</u>			\$ <u>10,253,423</u>

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015

Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
380200-Services - Plastic & Copper	003816	SLRP - immediate response - company	Addition	Blanket WO	201509	86,708.75	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003816	SLRP - immediate response - company	Addition	Blanket WO	201510	2,003.40	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003816	SLRP - immediate response - company	Addition	Blanket WO	201511	(4,137.63)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003816	SLRP - immediate response - company	Addition	Blanket WO	201512	(2,953.81)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
	003816 Total					81,620.71		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003818	SLRP - block by block - contract	Addition	Blanket WO	201509	476,619.53	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003818	SLRP - block by block - contract	Addition	Blanket WO	201510	499,624.63	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003818	SLRP - block by block - contract	Addition	Blanket WO	201511	302,009.45	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003818	SLRP - block by block - contract	Addition	Blanket WO	201512	181,546.04	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
	003818 Total					1,459,799.65		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003819	SLRP - block by block - contract	Addition	Blanket WO	201509	12,844.81	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
380200-Services - Plastic & Copper	003819	SLRP - block by block - contract	Addition	Blanket WO	201510	8,060.87	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
380200-Services - Plastic & Copper	003819	SLRP - block by block - contract	Addition	Blanket WO	201511	(531.73)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
380200-Services - Plastic & Copper	003819	SLRP - block by block - contract	Addition	Blanket WO	201512	(211.66)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	003819 Total					20,162.29		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003823	SLRP - modified block by block - co	Addition	Blanket WO	201509	(267.19)	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	003823 Total					(267.19)		393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	1,663.60	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Lee's Summit - East Region)		
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	5,681.44	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Lee's Summit - East Region)		
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	3,390.14	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Lee's Summit - East Region)		
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	3,711.04	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Lee's Summit - East Region)		
	003825 Total					14,446.22		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003927	Service line locates	Addition	Blanket WO	201509	(0.22)	Line Locates - Service Line Replacements Only (Kansas City - Central Region)		
	003927 Total					(0.22)		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003929	SLRP - immediate response - company	Addition	Blanket WO	201509	(65.96)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
	003929 Total					(65.96)		393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	1,485.27	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Monett - South Region)		
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	2,135.64	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Monett - South Region)		
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	(713.65)	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Monett - South Region)		
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	(44.65)	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Monett - South Region)		
	003930 Total					2,862.61		393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003931	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201509	25,739.18	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - South Region		
382000 Meter Installations-MGE	003931	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201510	8,494.40	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - South Region		
382000 Meter Installations-MGE	003931	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201511	7,336.83	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - South Region		
382000 Meter Installations-MGE	003931	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201512	10,405.67	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - South Region		
	003931 Total					51,976.08		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003932	SLRP - modified block by block - co	Addition	Blanket WO	201509	18,371.14	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003932	SLRP - modified block by block - co	Addition	Blanket WO	201510	7,149.34	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015

Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
380200-Services - Plastic & Copper	003932	SLRP - modified block by block - co	Addition	Blanket WO	201511	15,672.74	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
380200-Services - Plastic & Copper	003932	SLRP - modified block by block - co	Addition	Blanket WO	201512	11,319.90	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
	003932 Total					52,513.12		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003935	SLRP - materials - company crews	Addition	Blanket WO	201509	5,691.02	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Kansas City - Monett - South Region)		
	003935 Total					5,691.02		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003937	SLRP - immediate response - contrac	Addition	Blanket WO	201509	(3.64)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Joplin - South Region)		
	003937 Total					(3.64)		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003972	SLRP - block by block - contract	Addition	Blanket WO	201509	3,671.65	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
380200-Services - Plastic & Copper	003972	SLRP - block by block - contract	Addition	Blanket WO	201510	94.65	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
380200-Services - Plastic & Copper	003972	SLRP - block by block - contract	Addition	Blanket WO	201511	(3,957.00)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
380200-Services - Plastic & Copper	003972	SLRP - block by block - contract	Addition	Blanket WO	201512	113.40	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
	003972 Total					(77.30)		393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003974	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201509	95,286.61	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - North Region		
382000 Meter Installations-MGE	003974	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201510	114,443.57	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - North Region		
382000 Meter Installations-MGE	003974	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201511	41,749.98	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - North Region		
382000 Meter Installations-MGE	003974	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201512	10,846.49	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - North Region		
	003974 Total					262,326.65		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003975	SLRP - modified block by block - co	Addition	Blanket WO	201509	1.17	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
	003975 Total					1.17		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003976	SLRP - modified block by block - co	Addition	Blanket WO	201509	(30.66)	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
	003976 Total					(30.66)		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003979	SLRP - block by block - company cre	Addition	Blanket WO	201509	14.49	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lees Summit - East Region)		
	003979 Total					14.49		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004146	SLRP - block by block - contract	Addition	Blanket WO	201509	6,963.76	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004146	SLRP - block by block - contract	Addition	Blanket WO	201510	37,933.22	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004146	SLRP - block by block - contract	Addition	Blanket WO	201511	2,265.09	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004146	SLRP - block by block - contract	Addition	Blanket WO	201512	1,874.81	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
	004146 Total					49,036.88		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004148	SLRP - materials - contract	Addition	Blanket WO	201509	693.68	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
	004148 Total					693.68		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004150	SLRP - immediate response - contrac	Addition	Blanket WO	201509	8,988.74	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
380200-Services - Plastic & Copper	004150	SLRP - immediate response - contrac	Addition	Blanket WO	201511	(2,481.06)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
380200-Services - Plastic & Copper	004150	SLRP - immediate response - contrac	Addition	Blanket WO	201512	1,090.44	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
	004150 Total					7,598.12		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004152	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201509	219,111.83	Replace service lines with plastic - North Region		
380200-Services - Plastic & Copper	004152	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201510	169,113.56	Replace service lines with plastic - North Region		
380200-Services - Plastic & Copper	004152	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201511	74,543.80	Replace service lines with plastic - North Region		
380200-Services - Plastic & Copper	004152	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201512	43,679.82	Replace service lines with plastic - North Region		
	004152 Total					506,449.01		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004153	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201509	39,673.34	Replace service lines with plastic - South Region		

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015

Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
380200-Services - Plastic & Copper	004153	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201510	86,684.93	Replace service lines with plastic - South Region		
380200-Services - Plastic & Copper	004153	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201511	71,033.92	Replace service lines with plastic - South Region		
380200-Services - Plastic & Copper	004153	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201512	58,898.14	Replace service lines with plastic - South Region		
	004153 Total					256,290.33		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004279	SLRP - materials - contract	Addition	Blanket WO	201509	(8.00)	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
380200-Services - Plastic & Copper	004279	SLRP - materials - contract	Addition	Blanket WO	201512	117.00	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
	004279 Total					109.00		393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004282	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	1,732.15	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region)		
382000 Meter Installations-MGE	004282	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	2,789.65	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region)		
382000 Meter Installations-MGE	004282	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	4,583.70	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region)		
382000 Meter Installations-MGE	004282	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	2,888.71	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region)		
	004282 Total					11,994.21		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004287	SLRP - materials - contract	Addition	Blanket WO	201509	52,023.10	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004287	SLRP - materials - contract	Addition	Blanket WO	201510	5,498.95	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004287	SLRP - materials - contract	Addition	Blanket WO	201511	157.70	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004287	SLRP - materials - contract	Addition	Blanket WO	201512	3,499.35	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
	004287 Total					61,179.10		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004288	Replace existing protected steel, p	Addition	Blanket WO	201509	6,028.23	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
380200-Services - Plastic & Copper	004288	Replace existing protected steel, p	Addition	Blanket WO	201511	(556.42)	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
380200-Services - Plastic & Copper	004288	Replace existing protected steel, p	Addition	Blanket WO	201512	574.13	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
	004288 Total					6,045.94		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004407	SLRP - block by block - company cre	Addition	Blanket WO	201509	8,665.57	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
380200-Services - Plastic & Copper	004407	SLRP - block by block - company cre	Addition	Blanket WO	201511	(603.81)	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
380200-Services - Plastic & Copper	004407	SLRP - block by block - company cre	Addition	Blanket WO	201512	42.61	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	004407 Total					8,104.37		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004413	SLRP - immediate response - contrac	Addition	Blanket WO	201509	(4.12)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
	004413 Total					(4.12)		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004414	SLRP - immediate response - contrac	Addition	Blanket WO	201509	5,750.43	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004414	SLRP - immediate response - contrac	Addition	Blanket WO	201510	20,233.86	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004414	SLRP - immediate response - contrac	Addition	Blanket WO	201511	55,930.49	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004414	SLRP - immediate response - contrac	Addition	Blanket WO	201512	8,754.10	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
	004414 Total					90,668.88		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004416	Replace existing protected steel, p	Addition	Blanket WO	201509	(863.66)	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
380200-Services - Plastic & Copper	004416	Replace existing protected steel, p	Addition	Blanket WO	201510	182.25	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
380200-Services - Plastic & Copper	004416	Replace existing protected steel, p	Addition	Blanket WO	201511	(47.87)	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
380200-Services - Plastic & Copper	004416	Replace existing protected steel, p	Addition	Blanket WO	201512	462.84	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
	004416 Total					(266.44)		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004492	SLRP - modified block by block - co	Addition	Blanket WO	201509	287.68	Project Type:B		
380200-Services - Plastic & Copper	004492	SLRP - modified block by block - co	Addition	Blanket WO	201510	1,555.31	Project Type:B		
380200-Services - Plastic & Copper	004492	SLRP - modified block by block - co	Addition	Blanket WO	201511	(6.58)	Project Type:B		
380200-Services - Plastic & Copper	004492	SLRP - modified block by block - co	Addition	Blanket WO	201512	(47.59)	Project Type:B		
	004492 Total					1,788.82		393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004498	SLRP - meter & regulator replacemen	Addition	Blanket WO	201509	76.04	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region)		
382000 Meter Installations-MGE	004498	SLRP - meter & regulator replacemen	Addition	Blanket WO	201510	338.56	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region)		
382000 Meter Installations-MGE	004498	SLRP - meter & regulator replacemen	Addition	Blanket WO	201511	356.57	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region)		
382000 Meter Installations-MGE	004498	SLRP - meter & regulator replacemen	Addition	Blanket WO	201512	199.22	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region)		

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
	004498 Total					970.39			
380200-Services - Plastic & Copper	004499	SLRP - materials - company crews	Addition	Blanket WO	201509	(0.44)	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
	004499 Total					(0.44)			
380200-Services - Plastic & Copper	004501	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201509	44,471.17	Replace service lines with plastic - Southwest Region		
380200-Services - Plastic & Copper	004501	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201510	62,720.88	Replace service lines with plastic - Southwest Region		
380200-Services - Plastic & Copper	004501	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201511	76,101.35	Replace service lines with plastic - Southwest Region		
380200-Services - Plastic & Copper	004501	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201512	39,275.64	Replace service lines with plastic - Southwest Region		
	004501 Total					222,569.04		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004598	SLRP - immediate response - company	Addition	Blanket WO	201509	(48.36)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
	004598 Total					(48.36)			
380200-Services - Plastic & Copper	004599	SLRP - modified block by block - co	Addition	Blanket WO	201509	(162.83)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Kansas City - Central Region)		
	004599 Total					(162.83)		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004600	SLRP - modified block by block - co	Addition	Blanket WO	201509	(147.61)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
380200-Services - Plastic & Copper	004600	SLRP - modified block by block - co	Addition	Blanket WO	201510	2,021.93	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
380200-Services - Plastic & Copper	004600	SLRP - modified block by block - co	Addition	Blanket WO	201511	5,437.93	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
380200-Services - Plastic & Copper	004600	SLRP - modified block by block - co	Addition	Blanket WO	201512	782.20	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
	004600 Total					8,094.45		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004601	SLRP - modified block by block - co	Addition	Blanket WO	201509	(0.50)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)	393.1009 (5) (a) (b)	A,B,C,I
	004601 Total					(0.50)			
382000 Meter Installations-MGE	004602	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201509	1,387.35	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) Southwest Region.		
382000 Meter Installations-MGE	004602	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201510	2,613.58	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) Southwest Region.		
382000 Meter Installations-MGE	004602	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201511	2,306.05	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) Southwest Region.		
382000 Meter Installations-MGE	004602	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201512	665.55	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) Southwest Region.		
	004602 Total					6,972.53		393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004609	SLRP - materials - company crews	Addition	Blanket WO	201509	6,653.93	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004609	SLRP - materials - company crews	Addition	Blanket WO	201510	7,230.07	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004609	SLRP - materials - company crews	Addition	Blanket WO	201511	4,541.69	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
380200-Services - Plastic & Copper	004609	SLRP - materials - company crews	Addition	Blanket WO	201512	(179.92)	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
	004609 Total					18,245.77		393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	007052	Main Replacement - ISRS (N)	Addition	Blanket WO	201510	180,392.52	For short replacements of main done on emergency basis - North Region		
376300-Mains - Plastic	007052	Main Replacement - ISRS (N)	Addition	Blanket WO	201511	1,506.80	For short replacements of main done on emergency basis - North Region		
376300-Mains - Plastic	007052	Main Replacement - ISRS (N)	Addition	Blanket WO	201512	745.37	For short replacements of main done on emergency basis - North Region		
	007052 Total					182,644.69		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007053	Main Replacement - ISRS (S)	Addition	Blanket WO	201510	20,238.01	For short replacements of main done on emergency basis - South Region		
376300-Mains - Plastic	007053	Main Replacement - ISRS (S)	Addition	Blanket WO	201511	93.13	For short replacements of main done on emergency basis - South Region		
376300-Mains - Plastic	007053	Main Replacement - ISRS (S)	Addition	Blanket WO	201512	5,017.27	For short replacements of main done on emergency basis - South Region		
	007053 Total					25,348.41		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007054	Main Replacement - ISRS (S)	Addition	Blanket WO	201510	7,119.41	For short replacements of main done on emergency basis - Southwest Region		
376300-Mains - Plastic	007054	Main Replacement - ISRS (S)	Addition	Blanket WO	201511	150.00	For short replacements of main done on emergency basis - Southwest Region		
376300-Mains - Plastic	007054	Main Replacement - ISRS (S)	Addition	Blanket WO	201512	239.18	For short replacements of main done on emergency basis - Southwest Region		
	007054 Total					7,508.59		393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	009217	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201509	861.58	Approved by: Joe Hampton on 08/01/2015. Replace main on Main St. Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
380200-Services - Plastic & Copper	009217	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201510	7,069.77	Approved by: Joe Hampton on 08/01/2015. Replace main on Main St. Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009217 Total					7,931.35		393.1009 (5) (a) (b)	A,B,C,I
376200-Mains - Cast Iron	003969	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201509	140,688.53	Project Type:B		
376200-Mains - Cast Iron	003969	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201510	156,356.03	Project Type:B		
376200-Mains - Cast Iron	003969	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201511	148,996.63	Project Type:B		

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376200-Mains - Cast Iron	003969	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201512	151,371.11	Project Type:B	393.1009 (5) (a) (b)	A,B,C,I
	003969 Total					597,412.30			
376100-Mains - Steel	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	266.08	Approved by: Gary Williams on 01/03/2014, Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.		
376100-Mains - Steel	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	480.08	Approved by: Gary Williams on 01/03/2014, Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.		
376100-Mains - Steel	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	172.78	Approved by: Gary Williams on 01/03/2014, Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.		
376100-Mains - Steel	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(95,118.85)	Approved by: Gary Williams on 01/03/2014, Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.		
376300-Mains - Plastic	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	95,099.06	Approved by: Gary Williams on 01/03/2014, Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.		
	003789 Total					899.15		393.1009 (5) (a) (b)	A,B,C,D,I
376300-Mains - Plastic	003808	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(19.95)	Approved by: Steve Lindsey on 03/18/2014, "MODOT Permit Required" Abandon 1889' - 3" PBS (WO#: NONE), 835' - 4" PBS (WO#: NONE), 443' - 2" PCS (WO#: 61-4320, 63-0895, 70-5998), 41' - 4" PCS (WO#: 77-2182), 14' - 4" PE (WO#: 93-0866) and replace with 745' - 2" PE and 2795' - 4" PE to repair 1 - #3 Leak (Leak No. 09-0091) due to a mechanical cross that is leaking tha cannot be repaired, due in May. There are 17 repaired leaks on this main. This work will replace most of the bare steel main in Carterville south of Business 49, saving time on maintenance in this area. Project Location: 3rd and Arch; Pressure System: C-1, MOP: 1.5 psig; MAOP: 1.69 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.71/ft		
	003808 Total					(19.95)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	003874	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(108.81)	Approved by: Steve Lindsey on 12/09/2013, This sector is the 4th highest on the Eastern Division Risk Assessment for the FY 2014 Accelerated Main Replacement Program. Gregory Heights is one of the few "rear easement" main installations in the Eastern Region. There are 13 active main leaks. 92 main leaks have been repaired/cleared since the advent of LDS. Getting men and equipment in the back yards with fences to repair leaks is difficult at best. We are not able to utilize the leak survey truck in this neighborhood and must survey all mains and services on foot through back yards with fences and dogs.		
	003874 Total					(108.81)		393.1009 (5) (a) (b)	A,B,C,D,I
378000-Meas & Reg Station Equipment	004003	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201509	(1,455.90)	Approved by: Rob Hack on 07/02/2013, Relocate reg station 258 at 107th and Holmes (Ernie's) to Blue River Road in the park. This is in conjunction with the 20inch replacement project WO# 13-2322. Inlet 16in PCS system S-16329, MOP 280 PSIG, MAOP 280 PSIG, TEST 830 PSIG. Outlet 16in PCS system C-061, MOP 185 PSIG, MAOP 250 PSIG, TEST 830 PSIG. This DRS will utilize existing valves and regulators. This will include removing all facilities at existing Mayfair Station and cleanup.Include building and footings.		
	004003 Total					(1,455.90)		393.1009 (5) (a) (b)	A,B
376100-Mains - Steel	004064	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	2.47	Approved by: Galen Shoemaker on 10/30/2013, Abandon 10' - 2" PBS (WO#: NONE) and 40' - 3" PBS (WO#: NONE)and replace with 55' - 4" Thinfilin in order to replace bare steel inlet, outlet, and control line piping and install remote inlet and outlet valves to DRS 01-82-C. Work to be completed in conjunction with WO#: 13-3062. Project Location: Wisconsin Ave and Montana Pt; Inlet Pressure System: C-1; MOP: 58 psig; MOAP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS		
376300-Mains - Plastic	004064	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	0.49	Approved by: Galen Shoemaker on 10/30/2013, Abandon 10' - 2" PBS (WO#: NONE) and 40' - 3" PBS (WO#: NONE)and replace with 55' - 4" Thinfilin in order to replace bare steel inlet, outlet, and control line piping and install remote inlet and outlet valves to DRS 01-82-C. Work to be completed in conjunction with WO#: 13-3062. Project Location: Wisconsin Ave and Montana Pt; Inlet Pressure System: C-1; MOP: 58 psig; MOAP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS		
	004064 Total					2.96		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	004081	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(29.22)	Approved by: Galen Shoemaker on 01/09/2014, Replace 157' of 4" PCS, 429' of 3" PCS, 310' of 2" PBS, 10' of 4" PE, 3' of 2" PE, and 4' of 3" PE with 590' of 4" PE and 310' of 2" PE due to corrosion and PCS isolation issues. Project Location: 15th St. between Indiana & Iowa Ave, Ohio Ave N of 15th St. Pressure System: C-2, MOP: 1.5 PSIG, MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$52.05.		
	004081 Total					(29.22)		393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376100-Mains - Steel	004126	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(12.93)	Approved by: Randy Spector on 11/08/2013. This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 76-3803. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 5' 3" X 60" anodes spaced at 15' intervals in a private easement acquired previously. No electrical work will be required. All installation will be drilled in by contractor and MGE crews will perform balancing and adjustments. This rectifier is designed to protect approximately 5,234' of 2" PCS and 6,578' of 2" PBS main. Calculated current demand is 6.28 amps.	393.1009 (5) (a), (b)	A, B, E
	004126 Total					(12.93)			
378000-Meas & Reg Station Equipment	004133	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201509	(1.88)	Approved by: Steve Holcomb on 10/07/2013. Rebuild DRS 356 due to complications arising during Hydro Test. Construct 1- 10' run utilizing existing regulators, and 1- 6' run by bypass.	393.1009 (5) (a) (b)	A,B
	004133 Total					(1.88)			
376300-Mains - Plastic	004198	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(0.31)	Approved by: Steve Holcomb on 01/20/2014. Replace 1223' - 2" PBS (WO#s: J013B, J02398), 327' - 2" PCS (WO#s: 65-6840, 68-0396), and 69' - 2" PE (WO#: 83-4077) with 505' - 2" PE and 1295' - 4" PE to clear one (1) active #3 Leak (Leak No: 13-149) and history of leakage. Project Location: Elm and Eagon; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS #45.20/ft	393.1009 (5) (a) (b)	A,B,C
	004198 Total					(0.31)			
376300-Mains - Plastic	004221	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	24.18	Approved by: Steve Lindsey on 11/18/2013. ISRS. Replace and abandon a total of 14144' of cast iron main in Sector 0309 & 0308 with 16078' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. See attached sheet for the work order number, size and footage of main to be retired. 87 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 297 hoovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	004221 Total					24.18			
376300-Mains - Plastic	004248	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(5.05)	Approved by: Ralph Janes on 03/14/2014. We have dual mains on 24 Hwy between Cogan and Allen Rd. The main on the south side is 6" PBS and only serves two customers. Tie 15804 and 15805 E US Highway 24 over to the 8" PCS on the north side of 24 Hwy (one will be short side) and install 120' of 4" PE main. Main to abandon: 828' - 6" PBS (WO# A5422A); 167' - 6" PBS (WO# 4022B); and 185' - 4" PBS (WO# A5422B). (ISRS)	393.1009 (5) (a) (b)	A,B,C
	004248 Total					(5.05)			
376100-Mains - Steel	004271	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(1.22)	Approved by: Gary Williams on 12/02/2013. AOR. Replace 40'-6in CI with 6in PE. 13' of CI was exposed at 2551 Chelsea. Tie-over two services and replace one service (2553 Chelsea). Retire 35'-6in CI, B30P88; 5'-6in CI, B18P103.	393.1009 (5) (a) (b)	A,B,C
	004271 Total					(1.22)			
376100-Mains - Steel	004315	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(2.72)	Approved by: Randy Spector on 11/12/2012. This work order is necessary to retire existing Rectifier L0043 and ground bed installed on work order 64-6270. The existing current output is insufficient to supply current needed and history of ground bed resistivity is increasing indicating ground bed is depleted. The new ground bed will be 15' - 3" x 60" anodes, spaced at 15 feet, with a 60volt/30amp rectifier. All construction will be performed by contractor crews. A private easement will need to be acquired west of north of RD Mize Road. Electrical work will be needed.	393.1009 (5) (a), (b)	A, B, E
	004315 Total					(2.72)			
376300-Mains - Plastic	004364	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(11.98)	Approved by: Ralph Janes on 03/11/2014. Replace and abandon 732' - 2" pbs main (Unknown) by installing 730' - 2" pe main due to leakage under pavement. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	004364 Total					(11.98)			
376100-Mains - Steel	004374	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	23.43	Approved by: Ken Thomas on 09/12/2013. Main to abandon: 295' of 4in PBS from wo# NONE, 665' of 4in PBS from wo# A5508, 7' of 4in PCS from wo# 118121, 74' of 4' PCS from wo# 630632, 215' of 4in PCS from wo# 674473, 126' of 2in PCS from wo# 630855, and 523' of 2' PCS from wo# 624509. Replace with 365' of 4in PE and 1515' of 2in PE on WO# 13-2967. There have been several leaks in this area and the City is planning a storm project across where part of our main is exposed. The railroad has abandoned this section and has removed the track. ISRS Note: Misapplied charges are being corrected 4-15 business - some payroll charges belong on WO 004734		
	004374 Total					(400.00)			
376100-Mains - Steel	004374	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(376.57)	Approved by: Ken Thomas on 09/12/2013. Main to abandon: 295' of 4in PBS from wo# NONE, 665' of 4in PBS from wo# A5508, 7' of 4in PCS from wo# 118121, 74' of 4' PCS from wo# 630632, 215' of 4in PCS from wo# 674473, 126' of 2in PCS from wo# 630855, and 523' of 2' PCS from wo# 624509. Replace with 365' of 4in PE and 1515' of 2in PE on WO# 13-2967. There have been several leaks in this area and the City is planning a storm project across where part of our main is exposed. The railroad has abandoned this section and has removed the track. ISRS Note: Misapplied charges are being corrected 4-15 business - some payroll charges belong on WO 004734	393.1009 (5) (a) (b)	A,B,C

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376100-Mains - Steel	004382	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	4.65	Approved by: Randy Spector on 11/08/2013. This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 79-0234. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 10'3" X 60" anodes spaced at 15' intervals in a private easement acquired previously on the Three Trials Elementary school property. Anodes will be drilled in by contractor and MGE crews will complete installation. This rectifier is designed to protect approximately 1,200' of 4" PCS and 6,500' of 4" PBS main. The current demand is approximately 11.38 amps.	393.1009 (5) (a), (b)	A, B, E
	004382 Total					4.65			
376100-Mains - Steel	004396	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	94.48	Approved by: Steve Lindsey on 11/26/2013. Replace and abandon 219' - 11/4" pbs main (wo Unknown in 1926), 120' - 2" pbs main (wo 31006 in 1951), 106' - 4" pcs main (wo 82-1072), 144' - 4" pbs main (wo 30488 in 1950), 107' - 6" pbs main (wo 32567 in 1951), 835' of 6" PBS main (wo 149), 6487' - 4" pbs main (wo 149 in 1926), 130' of 4" PBS main (wo 26470), and 1132' of 4" PBS main (wo A2732) by installing 9325' of 2" PE and 285' of 4" PE on WO# 13-3137. By tying into the intermediate pressure system C-175 (MOP=52 psig and MAOP=58 psig) we are able to run 2" PE which will allow us to eventually remove 3 District Regulator Stations. We have replaced some bare steel main in this neighborhood due to leakage in 1997, on 2 different work orders in 2003, in 2005 and on 2 different work orders in 2012. We currently have a crew replacing more of the 1926 vintage bare steel on Smart Ave on work order 13-2920 due to leakage. We have cleared/repared 19 leaks on the main in this work order since LDS went online and have one active leak. Since we have a crew there now we believe it is prudent to keep them there to get rid of the rest of the bare main in the area while we prioritize and design for the accelerated main replacement program. Pressure System C-001 MOP = 1.38 psig and MAOP = 1.5 psig. Cost per foot = \$28.41 (ISRS)	393.1009 (5) (a) (b)	A,B,C
	004396 Total					94.48			
376100-Mains - Steel	004430	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	5.19	Approved by: Randy Spector on 11/10/2011. ISRS This work order is necessary to replace the existing rectifier that was destroyed by lightning and replace the existing groundbed all installed on work order 74-2095. Then, install ten 4in X 82in graphite anodes and a 60V 30A Rectifier on Perte Drive. After the installation of the new groundbed investigations will be done to attempt to eliminate rectifier/groundbed W0256 located County road N.of Montserrat, original installation 77-0785, which is creating issues with the 8in high pressure feeder main installed in 2000. Thence, also attempt to eliminate rectifier/groundbed W0164, original installation 75-0302 which circuit resistivity is at 4.6 ohms indicating the groundbed is depleting.	393.1009 (5) (a), (b)	A, B, E
	004430 Total					5.19			
376300-Mains - Plastic	004458	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	17,217.08	Approved by: Steve Holcomb on 02/26/2014. Replace 193'- 2" PCS (WO#s None & 720088), 972'- 2" PBS (WO# None), 372' - 3" PBS (WO#s None, 655442, & 941665), 261'- 4" PCS (WO# 655542)& 4'- 4"PE (WO# 047835) with 1355' - 2" PE & 580' - 4" PE due to leakage issues. There have been 29 repaired leaks on the main to be replaced and 4 #3 active leaks (leak #'s 12-0233, 10-0151, 10-0150, & 10-0090) on the main to be replaced. This project will be changing the pressure from the C-2 to the C-1 System in this area. Pressure Test information is included in the work order packet. There are 5 services that will be tested prior to pressure switch. Project Location: 12th St between Main St and Wall Ave, Wall Ave N of 12th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$39.24. Reopened 11-16-15 per Cindy Peck for late invoice for paving work.		
376300-Mains - Plastic	004458	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	9,218.33	Approved by: Steve Holcomb on 02/26/2014. Replace 193'- 2" PCS (WO#s None & 720088), 972'- 2" PBS (WO# None), 372' - 3" PBS (WO#s None, 655442, & 941665), 261'- 4" PCS (WO# 655542)& 4'- 4"PE (WO# 047835) with 1355' - 2" PE & 580' - 4" PE due to leakage issues. There have been 29 repaired leaks on the main to be replaced and 4 #3 active leaks (leak #'s 12-0233, 10-0151, 10-0150, & 10-0090) on the main to be replaced. This project will be changing the pressure from the C-2 to the C-1 System in this area. Pressure Test information is included in the work order packet. There are 5 services that will be tested prior to pressure switch. Project Location: 12th St between Main St and Wall Ave, Wall Ave N of 12th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$39.24. Reopened 11-16-15 per Cindy Peck for late invoice for paving work.		
376300-Mains - Plastic	004458	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	6,654.12	Approved by: Steve Holcomb on 02/26/2014. Replace 193'- 2" PCS (WO#s None & 720088), 972'- 2" PBS (WO# None), 372' - 3" PBS (WO#s None, 655442, & 941665), 261'- 4" PCS (WO# 655542)& 4'- 4"PE (WO# 047835) with 1355' - 2" PE & 580' - 4" PE due to leakage issues. There have been 29 repaired leaks on the main to be replaced and 4 #3 active leaks (leak #'s 12-0233, 10-0151, 10-0150, & 10-0090) on the main to be replaced. This project will be changing the pressure from the C-2 to the C-1 System in this area. Pressure Test information is included in the work order packet. There are 5 services that will be tested prior to pressure switch. Project Location: 12th St between Main St and Wall Ave, Wall Ave N of 12th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$39.24. Reopened 11-16-15 per Cindy Peck for late invoice for paving work.		

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376300-Mains - Plastic	004458	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(478.89)	Approved by: Steve Holcomb on 02/26/2014, Replace 193'- 2" PCS (WO#s None & 720088), 972'- 2" PBS (WO# None), 372' - 3" PBS (WO#s None, 655442, & 941665), 261'- 4" PCS (WO# 655542)& 4'- 4"PE (WO# 047835) with 1355' - 2" PE & 580' - 4" PE due to leakage issues. There have been 23 repaired leaks on the main to be replaced and 4 #3 active leaks (Leak #'s 12-0233, 10-0151, 10-0150, & 10-0090) on the main to be replaced. This project will be changing the pressure from the C-2 to the C-1 System in this area. Pressure Test information is included in the work order packet. There are 5 services that will be tested prior to pressure switch. Project Location: 12th St between Main St and Wall Ave, Wall Ave N of 12th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$39.24. Reopened 11-16-15 per Cindy Peck for late invoice for paving work.	393.1009 (5) (a) (b)	A,B,C
	004458 Total								
376100-Mains - Steel	004474	Replace steel & plastic main	Addition	ISRS-Other	201509	2.90	Approved by: Galen Shoemaker on 09/09/2013, Replace fuses due to unqualified personell making fuses. Infrasource will pay for all material, time and equipment due to this work as they go along. Crew will indicate on map where they have replaced fuses. Project Location: Thistle and Cover; Pressure System: C-2301; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig;	393.1009 (5) (a) (b)	A,B,C
	004474 Total					2.90			
376100-Mains - Steel	004559	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(37.67)	Approved by: Rob Hack on 06/21/2013, Abandon 356' - 2in PBS (WO#s: None, A4070, 45124), 23' - 2in PCS (WO#s: 68-0804, 70-4439), 5' - 2in PE (WO#s: 82-1252), 72' - 3in PBS (WO#s: NONE), 15' - 3in PCS (WO#s: A3705N), 2183' - 4"quot; PBS (WO#s: NONE, A4070N, 65-7240), 14' - 4in PCS (WO#s: 65-7240), and 18' - 4in PE (WO#s: 03-4888) and replace with 375' - 2in PE and 2350' - 4in PE to clear three (3) - #3 leaks (Leak No's:08-184, 08-185, 08-186; due in August). This work is to be done in conjunction with WO# 13-2764. Project Location: 7th and Minnesota; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$50.11/ft	393.1009 (5) (a) (b)	A,B,C
	004559 Total					(37.67)			
376300-Mains - Plastic	004588	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(35.12)	Approved by: Steve Lindsey on 03/18/2014, Abandon 799' - 2" PBS (WO#s: NONE, 70-5507), 21' - 2" PCS (WO#s: 82-0441), 96' - 6" PBS (WO#s: NONE, 63-1187), 7' - 6" PCS (WO#s: 79-0442), and 120' - 8" PBS (WO#s: NONE) and replace with 820' - 2" PE, 1080' - 6" PE and 10' - 6" Thinfilm to clear one (1) active #3 Leak (Leak No. 09-0125) due 5/20/2014. There are 23 repaired leaks on this main. Project Location: Jefferson and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.75/ft Reopened for Infrasource invoice 8-5-15 per Cindy Peck. - AMM	393.1009 (5) (a) (b)	A,B,C
	004588 Total					(35.12)			
376100-Mains - Steel	004619	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	2.37	Approved by: Ralph Janes on 03/26/2013, Replace main with a history of leakage and a 5 year old #3 leak on Lexington between Elm and Walnut with 680' - 4"quot; PE, 220' - 2"quot; PE, and 275' - 1-1/4"quot; PE. Main to replace: 435' - 4"quot; PBS (WO# 168); 63' - 3"quot; PBS (WO# 62-1301); 200' - 2"quot; PBS (WO NONE); 690' - 4"quot; PBS (WO# 129); 620' - 4"quot; PBS (WO NONE). Price per ft = \$42.43 (ISRS)	393.1009 (5) (a) (b)	A,B,C
	004619 Total					2.37			
376300-Mains - Plastic	004888	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(436.66)	Approved by: Steve Lindsey on 04/01/2014, Accelerated Main Replacement: Replace 17,439' of PBS, 6,295' of PCS, and 1,140' of PE main with 22,300' - 2" PE and 340' - 4" PE. After this work order is complete we will retire 2 district reg stations - DRS# 46 at Sterling and 32nd (on WO# 14-3461), and DRS# 82 at Norton and 32nd (on WO# 14-3462). This WO will make DRS 119 at 32nd and Shady Bend a single feed station. We will also retire Rectifier# 0429 - 33rd and Vermont. The 2 DRS to retire feed the C-001 pressure system (MOP = 1.38 psig, MAOP = 1.5 psig). The new main will be tied onto the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig); 2,624' of 4" PBS to be replaced is on the C-500 system feeding the three DRS. The difference in footage between abandon-replace main is due to the dual mains on 32nd between Sterling and Vermont and IO piping for the two DRS to be retired. Main to abandon: 136' - 2in PBS - WO# 28525; 384' - 2in PBS - WO# 30485; 163' - 4in PBS - WO# 38722; 478' - 2in PBS - WO# 43675; 161' - 2in PBS - WO# 50246; 72' - 4in PBS - WO# 52577; 981' - 2in PBS - WO# A1318; 191' - 4in PBS - WO# A2033; 1055' - 4in PBS - WO# A2528; 37' - 2in PBS - WO# A2811; 1131' - 4in PBS - WO# A2811; 594' - 4in PBS - WO# A39821706' - 4in PBS - WO# A5108; 1054' - 4in PBS - WO# A6227; 1185' - 4in PBS - WO# A6360; 1827' - 4in PBS - WO# A6748; 2511' - 4in PBS - WO# A7296; 1049' - 4in PBS - WO# A7808; 560' - 4in PBS - WO# A8245; 2154' - 4in PBS - WO# A8347; 1836' - 4in PCS - WO# A9446; 632' - 4in PCS - WO# B1492A; 329' - 2in PCS - WO# B1492B; 357' - 4in PCS - WO# 613974; 189' - 4in PCS - WO# 634384; 133' - 3in PCS - WO# 674428; 2505' - 2in PCS - WO# 674427; 724' - 3in PE - WO# 790219; 56' - 2in PCS - WO# 810359; 7' - 4in PCS - WO# 810359; 106' - 4in PCS - WO# 87149; 88' - 2in PCS - WO# 871495; 3' - 4in PE - WO# 913115; 5' - 4in PE - WO# 013048; 403' - 4in PE - WO# 036097; 5' - 2in PE - WO# 036097; 57' - 4in PCS - WO# 058385. (ISRS) - Price per ft = \$38.71	393.1009 (5) (a) (b)	A,B,C
	004888 Total					(436.66)			

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376300-Mains - Plastic	004889	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(103.02)	Approved by: Steve Lindsey on 04/01/2014. This work order is being written as part of the accelerated main replacement program. We will replace all PBS and PCS main within the C-027 pressure system with 7,870' of 2" PE. This will allow us to retire the two DRS that feed this pressure system - DRS 8 at 39th and Blue Ridge Blvd (retire on WO# 14-3456) and DRS 134 at 40th and Sterling (retire on WO# 14-3457). C-027: MOP = MAOP = 2 psig. C-500: MOP = 30 psig. MAOP = 44 psig. All services on existing plastic have been checked for adequate pressure test. There are 11 that will be cut off, pressure tested, EFV installed and 5 that have amp saddle fittings replaced, pressure tested, EFV installed prior to tying onto the C-500 pressure system. All existing PE main has an adequate pressure test for the pressure increase. Main to abandon: 1668' - 2" PBS (WO# JO6113); 1181' - 4" PBS (WO# A4057); 780' - 4" PBS (WO# A4408); 818' - 4" PBS (WO# A7302); 1008' - 4" PCS (WO# B1505); 178' - 4" PCS (WO# 59940); 929' - 4" PCS (WO# 61-1583); 24' - 4" PCS (WO# 61-3033); 986' - 2" PCS (WO# 68-6853); 10' - 2" PE (WO# 08-5100). (ISRS) Price per ft = \$32.55		
376300-Mains - Plastic	004889	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(321.09)	Approved by: Steve Lindsey on 04/01/2014. This work order is being written as part of the accelerated main replacement program. We will replace all PBS and PCS main within the C-027 pressure system with 7,870' of 2" PE. This will allow us to retire the two DRS that feed this pressure system - DRS 8 at 39th and Blue Ridge Blvd (retire on WO# 14-3456) and DRS 134 at 40th and Sterling (retire on WO# 14-3457). C-027: MOP = MAOP = 2 psig. C-500: MOP = 30 psig. MAOP = 44 psig. All services on existing plastic have been checked for adequate pressure test. There are 11 that will be cut off, pressure tested, EFV installed and 5 that have amp saddle fittings replaced, pressure tested, EFV installed prior to tying onto the C-500 pressure system. All existing PE main has an adequate pressure test for the pressure increase. Main to abandon: 1668' - 2" PBS (WO# JO6113); 1181' - 4" PBS (WO# A4057); 780' - 4" PBS (WO# A4408); 818' - 4" PBS (WO# A7302); 1008' - 4" PCS (WO# B1505); 178' - 4" PCS (WO# 59940); 929' - 4" PCS (WO# 61-1583); 24' - 4" PCS (WO# 61-3033); 986' - 2" PCS (WO# 68-6853); 10' - 2" PE (WO# 08-5100). (ISRS) Price per ft = \$32.55		
	004889 Total					(424.11)			
376300-Mains - Plastic	004949	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(8.12)	Approved by: Ralph Janes on 04/04/2014. Replace and abandon 447' - 2" pbs main (unknown 1950 work order), 740' - 2" pbs main (unknown 1951 work order), 80' - 2" pbs main (unknown 1952 work order) and 80' - 2" pe main (wo 79-1480) by installing 1,350' - 2" pe main. Visual inspection of this main during recent leak investigations warrant its replacement. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	004949 Total					(8.12)			
376100-Mains - Steel	004973	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(3.83)	Approved by: Kevin Driskell on 04/07/2014. Replace 3in and 2in PBS due to leak. Lay 10'-3in thin film and 14'-2in thin film. Work done by MGE crew, Original JO 7740C & 7740B, year 1949	393.1009 (5) (a) (b)	A,B,C
	004973 Total					(3.83)			
376300-Mains - Plastic	004986	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(26.05)	Approved by: Steve Holcomb on 04/11/2014. ISRS. Replace and abandon a total of 20,504' of cast iron main in Sector 0306 with 21,313' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 84 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 374 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	004986 Total					(26.05)			
376300-Mains - Plastic	005008	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(330.94)	Approved by: Steve Holcomb on 04/14/2014. *MODOT PERMIT REQUIRED* Abandon 1323' - 2" PBS (WO#s: J098, 18879, 29054, 92-6519), 968' - 4" PBS (WO#s: J098), 94' - 2" PCS (WO#s: 62-5833, 93-3097), and 100' - 2" PE (WO#s: 88-1778) and replace with 1995' - 2" PE and 890' - 4" PE to clear one (1) active #3 Leak (Leak No. 13-47) and history of leakage. This main has three repaired leaks. This work will also retire DRS 08-02-S-3 and essential valve E 02-503 as well as create multiple loops in the S-6 Pressure System. Project Location: Morris and Alley west of Myrtle; Pressure System: S-6; MOP: 30 psig; MAOP: 31 psig; Design: 58 psig; Test: 100 psig; \$29.11/ft ISRS	393.1009 (5) (a) (b)	A,B,C
	005008 Total					(330.94)			

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376300-Mains - Plastic	005012	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	456,940.97	Approved by: Steve Holcomb on 04/14/2014. Abandon 181' - 2" PBS (WO#s: NONE, 44490), 10' - 2" PCS (WO#s: 61-2382), 170' - 3" PBS (WO#s: 63-2361), 933' - 3" PCS (WO#s: 61-1696, 68-6918), 1769' - 4" PBS (WO#s: A4583N, 48268), 13' - 4" PCS (WO#s: 68-5917), 2107' - 6" PBS (WO#s: A5145A), 51' - 6" PCS (WO#s: 72-0927), 10' - 8" PCS (WO#s: 68-5916), 122' - 1.25" PE (WO#s: 90-0305), and 66' - 4" PE (WO#s: 89-1647). Replace with 50' - 2" Thinfilm, 255' - 2" PE, 815' - 4" PE, and 3865' - 6" PE due to drastically down reads (CP#13-104) and to clear three (3) active #3 Leak (Leak No.s: 13-067, 13-068, 13-071). There are 23 previously repaired leaks on this stretch of main. This work order will also replace the inlet/outlet piping and control lines and install remote inlet and remote outlet valves for DRS 01-36-C. This work order will also replace the outlet piping and install a remote outlet valve for DRS 01-37-C. This work order will also remove dual mains different pressure systems along 15th St. Project Location: 15th and Delaware; Inlet Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.52/ft	393.1009 (5) (a) (b)	A,B,C
	005012 Total					456,940.97			
376300-Mains - Plastic	005028	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(14.42)	Approved by: Ralph Janes on 04/18/2014. Replace and abandon 165' - 2" pbs main (1949 wo 25893), 350' - 2" pbs main (1950 wo 28147), 126' - 2" pbs main (1952 wo 34613), 119' - 2" pbs main (1950 wo 28147), 33' - 2" pbs main (1952 wo 35405), 272' - 2" pbs main (1953 wo 38892) 220' - 2" pbs main (1952 wo 51363) and 50' - 2" pcs main (wo 67-3107) by installing 1,320' - 2" pe main. Recent visual inspection during leak repairs warrants replacement. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	005028 Total					(14.42)			
376100-Mains - Steel	005029	Replace steel & plastic main	Addition	ISRS-Other	201509	(244.47)	Approved by: Steve Holcomb on 04/18/2014. The existing bridle valve setting installed in 1961 on the original Grain Valley lateral feeding DRS 1 is leaking. Replace the bridle and inlet/outlet to DRS 1 on WO# 14-3475. Rebuild DRS 1 on WO# 14-3474. Main to abandon: 105' - 12" PCS (WO# 61-1515); 60' - 6" PCS (WO# 61-1498); INLET/OUTLET to DRS #1: 61' - 6" PCS AND 45' - 4" PCS (WO# 93-1933).	393.1009 (5) (a) (b)	A,B,C
	005029 Total					(244.47)			
376300-Mains - Plastic	005039	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(0.46)	Approved by: Steve Holcomb on 04/23/2014. Replace main around 31st and Overton with 3425' - 2" PE and 160' - 1-1/4" PE. The City of Independence has a storm improvement project with a 54" culvert crossing 31st St near the west property line of 9930 E 31st that would require us to relocate 4" PCS (from 1953). This main is on a single feed pressure system near the dead end (S-179: MOP = MAOP = 2 psig, fed from 29th and Westport Rd). There is a lot of PBS main in the S-179 pressure system and we would like to eventually replace all steel main in the system with PE to retire the DRS. By performing this WO we will take the dead end 1966' off of this system and replace with 2" PE on the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). This will also create a loop where before there were two dead ends and get us into one of our higher risk sectors (02-01-1303). Main to retire: 578' - 4" PBS (WO# A2631); 383' - 4" PCS (WO# A4029); 260' - 2" PBS (WO# 29534); 18' - 2" PBS (WO# 37684); 126' - 2" PBS (WO# 38338); 50' - 2" PBS (WO# 45594); 92' - 4" PBS (WO# 48327); 242' - 2" PBS (WO# 49146); 84' - 2" PBS (WO# 53016); 32' - 4" PBS (WO# 53017); 861' - 4" PCS (WO# 61-1523); 504' - 2" PCS (WO# 68-7677); 50' - 4" PCS (WO# 71-3985); 2' - 4" PCS (WO# 96-1257); 166' - 2" PE (WO# E323574). (ISRS) Price per ft = \$33.48	393.1009 (5) (a) (b)	A,B,C
	005039 Total					(0.46)			
378000-Meas & Reg Station Equipment	005042	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201510	2.09	Approved by: Ralph Janes on 04/23/2014. Rebuild DRS 1 near OOIDA on RD Mize on WO# 14-3474. The existing station (built on WO# 93-1933) is undersized and fed from the original bridle valve setting installed in 1961 which is leaking. Replace the inlet/outlet underground piping and bridle valve setting on WO# 14-3475.		
378000-Meas & Reg Station Equipment	005042	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201511	(0.03)	Approved by: Ralph Janes on 04/23/2014. Rebuild DRS 1 near OOIDA on RD Mize on WO# 14-3474. The existing station (built on WO# 93-1933) is undersized and fed from the original bridle valve setting installed in 1961 which is leaking. Replace the inlet/outlet underground piping and bridle valve setting on WO# 14-3475.		
378000-Meas & Reg Station Equipment	005042	Station Rebuild & Repl ISRS (N)	Addition	ISRS-Other	201512	(11,332.23)	Approved by: Ralph Janes on 04/23/2014. Rebuild DRS 1 near OOIDA on RD Mize on WO# 14-3474. The existing station (built on WO# 93-1933) is undersized and fed from the original bridle valve setting installed in 1961 which is leaking. Replace the inlet/outlet underground piping and bridle valve setting on WO# 14-3475.	393.1009 (5) (a) (b)	A,B
	005042 Total					(11,330.17)			
376300-Mains - Plastic	005153	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(19.68)	Approved by: Ralph Janes on 05/01/2014. Replace and abandon 390' - 4" pbs main (A5793A), 440' - 4" pcs main (625815), 54' - 4" pcs main (899394) and 25' - 2" pcs main (620273) by installing 885' - 4" pe main and 25' - 2" pe main. We (and the City) discovered our main is 6" below the asphalt in the street and plan to replace it and move it out from under the street. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	005153 Total					(19.68)			

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376300-Mains - Plastic	005210	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(252.00)	Approved by: Steve Holcomb on 05/03/2014. The City of Independence has a yearly street overlay project. This year they will repave 35th Terr and 36th St from 40 to Blue Ridge Blvd, as well as 34th St between Evanston and Cedar/35th. Much of the existing main is bare steel and in the roadway. This is an area that will be targeted for replacement on WO# 14-3515. Replace all steel main on these streets with 4,120' - 2" PE. This main and existing PE in the system will be tied onto the C-500 pressure system as part of WO# 14-3515 and WO# 14-3547, so all service tie-overs will require an EPV and regulator change out for the increased pressure. Main to abandon: 2017' - 2" PBS: 169' - WO# 12459; 101' - WO# 13267; 326' - WO# 13659; 210' - WO# 13780; 169' - WO# 14065; 62' - WO# 16382; 112' - WO# 17395; 384' - WO# 25841; 68' - WO# 36825; 42' - WO# 40583; 74' - WO# 43830; 300' - WO# 50940. 1655' - 4" PBS: 693' - WO# A1141; 279' - WO# A1971A; 683' - WO# JO7685. 126' - 2" PCS (WO# 61281); 64' - 2" PCS (WO# 61-1812); 119' - 4" PCS (WO# 63-0873); 89' - 2" PCS (WO# 79-0393); 40' - 4" PE (WO# 96-3723). (ISRS) 85 tie-overs. Price per ft = \$32.72 Our main lines are not in conflict with the paving, but we are choosing to replace the main before the overlay project to avoid future cutting of their new pavement to pothole utility crossings during replacement.	393.1009 (5) (a) (b)	A,B,C
	005210 Total					(252.00)			
376300-Mains - Plastic	005250	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	(42.58)	Approved by: Kevin Driskell on 03/28/2014. Replace 4in CI w/ 190'-4in PE due to leak. Tie-over 3 services and replace 1 service.	393.1009 (5) (a) (b)	A,B,C,I
	005250 Total					(42.58)			
376300-Mains - Plastic	005273	Replace steel & plastic main	Addition	ISRS-Other	201509	(51.02)	Approved by: Ralph Janes on 05/12/2014. In 2003 the existing CI and PBS main at Evanston, Overton Terr, and 34th St to Overton was replaced on WO# 03-6025. We were charged for 44 service tie-overs, but discovered recently that we have no service tie-over cards for these. On this WO, we will cut and cap some of the existing PE in order to isolate the PE from existing PBS in the area, then tie the PE onto the C-500 pressure system. Prior to doing so, IUI will expose all service taps, cut off and pressure test the service lines, install EPV's, and change out service regs/orifices and document doing so. This will set us up to install new PE main on WO's 14-3515 and 14-3520 on the C-500 pressure system.		
376300-Mains - Plastic	005273	Replace steel & plastic main	Addition	ISRS-Other	201510	(7.08)	Approved by: Ralph Janes on 05/12/2014. In 2003 the existing CI and PBS main at Evanston, Overton Terr, and 34th St to Overton was replaced on WO# 03-6025. We were charged for 44 service tie-overs, but discovered recently that we have no service tie-over cards for these. On this WO, we will cut and cap some of the existing PE in order to isolate the PE from existing PBS in the area, then tie the PE onto the C-500 pressure system. Prior to doing so, IUI will expose all service taps, cut off and pressure test the service lines, install EPV's, and change out service regs/orifices and document doing so. This will set us up to install new PE main on WO's 14-3515 and 14-3520 on the C-500 pressure system.	393.1009 (5) (a) (b)	A,B,C
	005273 Total					(58.10)			
376300-Mains - Plastic	005274	Replace bare steel main - safety re	Addition	ISRS-Other	201512	140,885.69	Approved by: Steve Holcomb on 05/09/2014. Abandon 1973' of 2" PBS & 195' 2" PCS and install 1895' 2" PE and 320' 2" PCS due to leakage issues as well as system improvements. Project Location: Rinker Ave N & S of Hadley St, Hadley St E & W of Rinker Ave, Oak Ave N of Hadley St. System: S-9. MOP: 42 PSIG. MAOP: 45 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$26.72.	393.1009 (5) (a) (b)	A,B,C
	005274 Total					140,885.69			
376100-Mains - Steel	005291	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(0.59)	Approved by: Steve Holcomb on 05/14/2014. Accelerated Main Replacement: This WO is to replace a total of 27,810' of main, mostly PBS in one of our high risk sectors identified through our DIMP plan(02-01-1303) with 7,095' - 6", 5' - 4", 20,050' - 2" PE main and 5' - 2" thin film with new 2" gate valve to DRS 23. It is to be completed after WO#s 14-3520 and 14-3547. By replacing this main we will be able to raise the pressure on some existing PE main and retire two reg stations - #33 at Blue Ridge Blvd and 36th Terr and #67 at 35th and Arlington (WO# 14-3567 and 14-3568, respectively). Please see Pipe tab for info on main to be retired. (ISRS) Price per ft = \$40.23		
376300-Mains - Plastic	005291	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,172.84)	Approved by: Steve Holcomb on 05/14/2014. Accelerated Main Replacement: This WO is to replace a total of 27,810' of main, mostly PBS in one of our high risk sectors identified through our DIMP plan(02-01-1303) with 7,095' - 6", 5' - 4", 20,050' - 2" PE main and 5' - 2" thin film with new 2" gate valve to DRS 23. It is to be completed after WO#s 14-3520 and 14-3547. By replacing this main we will be able to raise the pressure on some existing PE main and retire two reg stations - #33 at Blue Ridge Blvd and 36th Terr and #67 at 35th and Arlington (WO# 14-3567 and 14-3568, respectively). Please see Pipe tab for info on main to be retired. (ISRS) Price per ft = \$40.23	393.1009 (5) (a) (b)	A,B,C
	005291 Total					(1,173.43)			
376300-Mains - Plastic	005295	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(192.94)	Approved by: Steve Holcomb on 05/14/2014. Purpose of this project is to replace 2" PBS with 2" PE due to leaks - 5/5/3. Service tie overs 44. Pressure System - C-006. MOP 35 psig. MAOP - 35 psig. Retire BS 2in 505' 1949 I3446; BS 2in 1130' 1950 I3831; BS 2in 515' 1948 I3385; BS 2in 290' 1953 UNKNOWN.	393.1009 (5) (a) (b)	A,B,C
	005295 Total					(192.94)			

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376300-Mains - Plastic	005395	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(759.11)	Approved by: Steve Holcomb on 05/28/2014. Accelerated Main Replacement: This WO is to replace a total of 24,300' of main, mostly PBS in one of our high risk sectors identified through our DIMP plan(09-02-0301) with 3,200' - 4" and 21,205' - 2" PE main. Please see Pipe tab for info on main to be retired. (ISRS) Price per ft = \$36.19.	393.1009 (5) (a) (b)	A,B,C
	005395 Total					(759.11)			
376300-Mains - Plastic	005432	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(1,290.57)	Approved by: Steve Holcomb on 06/02/2014. ISRS. Replace and abandon a total of 8,218' of cast iron, 4,892' of PBS, 233' of PE and 622' of PCS main in Sector 0306 with 12,865' of 2" and 2,830' of 4" PE. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 64- Bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 334- Service tieovers are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	005432 Total					(1,290.57)			
376300-Mains - Plastic	005433	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	215.50	Approved by: Kevin Driskell on 06/05/2014. ISRS LAY 101' - 4" PE DUE TO LEAK ON EXISTING 4" CI MAIN ON EAST SIDE OF BROOKLYN AVE. ABANDON 112'-4" CI (UNKNOWN W.O.). ONE WAY FEED.	393.1009 (5) (a) (b)	A,B,C,I
	005433 Total					215.50			
376100-Mains - Steel	005451	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(0.59)	Approved by: Galen Shoemaker on 06/06/2014. To lay 50ft of 2in Coated Steel Main to replace 40ft of 2in Protected Bare Steel from WO 14582 and 10ft of 2in Coated Steel Main from WO 631926. Active #3 leak 14-31 will be repaired with this replacement. MAOP=44# MOP=40# SYSTEM=C-1 TEST=100#	393.1009 (5) (a) (b)	A,B,C
	005451 Total					(0.59)			
376300-Mains - Plastic	005456	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(953.31)	Approved by: Steve Holcomb on 06/09/2014. "MODOT PERMIT REQUIRED" Abandon 1150' - 2" PBS (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBS (WO#s: NONE, 46699), 2249' - 4" PBS (WO#s: NONE), 1183' - 2" PCS (WO#s: 59893, 61-3392, 61-4262, 73-4772, 90-1083), 1676' - 3" PCS (WO#s: NONE, 58005, 61-5314, 61-5639, 68-0899, 00-0909), 443' - 4" PCS (WO#s: 69-6169, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 04-7799), 106' - 3" PE (WO#s: 80-0461, 81-0926), and 5' - 4" PE (WO#s: 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRS 05-04-1-C (WO#s: 90-1082), 2 - 2" regulators (461-S and 461-57S WO#s: 90-1082), 1 - 2" polyvalve (WO#s: 90-1083), 1 - 3" Kerotest valve (WO#s: 90-1083), 1 - 4" Kerotest valve (WO#s: 90-1083, 1 - 2" weld ball valve (WO#s: 00-0909), and Rectifier No. 0378 (WO#s: 78-3398, 97-4868). Remote Monitoring Unit #19-809685 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No's: 12-0137, 12-0144). There are 61 previously repaired leaks on this main. After pipe has been replaced, town of Alba will be upgraded to new S-1 pressure system, MOP - 30 PSIG, MAOP - 58 psig. This work order will leave no bare steel in Alba. Project Location: Town of Alba; Pressure System: New S-1; MOP: 30 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005456	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(118,682.40)	Approved by: Steve Holcomb on 06/09/2014. "MODOT PERMIT REQUIRED" Abandon 1150' - 2" PBS (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBS (WO#s: NONE, 46699), 2249' - 4" PBS (WO#s: NONE), 1183' - 2" PCS (WO#s: 59893, 61-3392, 61-4262, 73-4772, 90-1083), 1676' - 3" PCS (WO#s: NONE, 58005, 61-5314, 61-5639, 68-0899, 00-0909), 443' - 4" PCS (WO#s: 69-6169, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 04-7799), 106' - 3" PE (WO#s: 80-0461, 81-0926), and 5' - 4" PE (WO#s: 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRS 05-04-1-C (WO#s: 90-1082), 2 - 2" regulators (461-S and 461-57S WO#s: 90-1082), 1 - 2" polyvalve (WO#s: 90-1083), 1 - 3" Kerotest valve (WO#s: 90-1083), 1 - 4" Kerotest valve (WO#s: 90-1083, 1 - 2" weld ball valve (WO#s: 00-0909), and Rectifier No. 0378 (WO#s: 78-3398, 97-4868). Remote Monitoring Unit #19-809685 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No's: 12-0137, 12-0144). There are 61 previously repaired leaks on this main. After pipe has been replaced, town of Alba will be upgraded to new S-1 pressure system, MOP - 30 PSIG, MAOP - 58 psig. This work order will leave no bare steel in Alba. Project Location: Town of Alba; Pressure System: New S-1; MOP: 30 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS		

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376300-Mains - Plastic	005456	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(141.87)	Approved by: Steve Holcomb on 06/09/2014, *MODOT PERMIT REQUIRED* Abandon 1150' - 2" PBS (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBS (WO#s: NONE, 46699), 2249' - 4" PBS (WO# NONE), 1183' - 2" PCS (WO#s: 59893, 61-3392, 61-4262, 73-4772, 90-1083), 1676' - 3" PCS (WO#s: NONE, 58005, 61-5314, 61-5639, 68-0899, 00-0909), 443' - 4" PCS (WO#s: 69-6169, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 04-7799), 106' - 3" PE (WO#s: 90-0461, 81-0926), and 5' - 4" PE (WO# 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRS 05-04-1-C (WO# 90-1082), 2 - 2" regulators (461-S and 461-57S WO# 90-1082), 1 - 2" polyvalve (WO# 90-1083), 1 - 3" Kerotest valve (WO# 90-1083), 1 - 4" Kerotest valve (WO# 90-1083, 1 - 2" weld ball valve (WO# 00-0909), and Rectifier No. 0378 (WO#s: 78-3398, 97-4868). Remote Monitoring Unit #19-809685 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No's: 12-0137, 12-0144). There are 61 previously repaired leaks on this main. After pipe has been replaced, town of Alba will be updated to new S-1 pressure system, MOP - 30 PSIG, MAOP - 58 psig. This work order will leave no bare steel in Alba. Project Location: Town of Alba; Pressure System: New S-1; MOP: 30 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig, ISRS		
376300-Mains - Plastic	005456	Replace bare steel main - safety re	Addition	ISRS-Other	201512	897.23	Approved by: Steve Holcomb on 06/09/2014, *MODOT PERMIT REQUIRED* Abandon 1150' - 2" PBS (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBS (WO#s: NONE, 46699), 2249' - 4" PBS (WO# NONE), 1183' - 2" PCS (WO#s: 59893, 61-3392, 61-4262, 73-4772, 90-1083), 1676' - 3" PCS (WO#s: NONE, 58005, 61-5314, 61-5639, 68-0899, 00-0909), 443' - 4" PCS (WO#s: 69-6169, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 04-7799), 106' - 3" PE (WO#s: 90-0461, 81-0926), and 5' - 4" PE (WO# 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRS 05-04-1-C (WO# 90-1082), 2 - 2" regulators (461-S and 461-57S WO# 90-1082), 1 - 2" polyvalve (WO# 90-1083), 1 - 3" Kerotest valve (WO# 90-1083), 1 - 4" Kerotest valve (WO# 90-1083, 1 - 2" weld ball valve (WO# 00-0909), and Rectifier No. 0378 (WO#s: 78-3398, 97-4868). Remote Monitoring Unit #19-809685 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No's: 12-0137, 12-0144). There are 61 previously repaired leaks on this main. After pipe has been replaced, town of Alba will be updated to new S-1 pressure system, MOP - 30 PSIG, MAOP - 58 psig. This work order will leave no bare steel in Alba. Project Location: Town of Alba; Pressure System: New S-1; MOP: 30 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig, ISRS		
	005456 Total					(118,880.35)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005466	Replace bare steel main - safety re	Addition	ISRS-Other	201509	8.61	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project		
	005466 Total					8.61		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005468	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(96.38)	Approved by: Steve Holcomb on 06/10/2014, Replace 340' of 2" PBS (WO J1483711 & None), 993' 3" PBS (WO None), and 33' 3" PE (WO 861439 & 881544) due to 1 active leak (2010.00128) and 9 repaired leaks. Replace with 1115' of 2" PE and 255' of 4" PE. Project Location: Murphy Ave between 17th St & 19th St, 18th St between Murphy Ave & Connor Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$45.77.		
376300-Mains - Plastic	005468	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(49.16)	Approved by: Steve Holcomb on 06/10/2014, Replace 340' of 2" PBS (WO J1483711 & None), 993' 3" PBS (WO None), and 33' 3" PE (WO 861439 & 881544) due to 1 active leak (2010.00128) and 9 repaired leaks. Replace with 1115' of 2" PE and 255' of 4" PE. Project Location: Murphy Ave between 17th St & 19th St, 18th St between Murphy Ave & Connor Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$45.77.		
	005468 Total					(145.54)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005490	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(96.95)	Approved by: Galen Shoemaker on 06/11/2014, Replace 328' of 6" PBS (W.O. 7132A), 6' of 4" PBS (W.O. 41733), 83' of 3" PBS (W.O. 7132A), 3' 4" PE (W.O. 998563), and 50' of 3" PE (W.O. 41733) with 490' of 4" PE due to cathodic protection issues. Project Location: Picher Ave between 10th & 11th St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$69.17.		
376300-Mains - Plastic	005490	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	(15.23)	Approved by: Galen Shoemaker on 06/11/2014, Replace 328' of 6" PBS (W.O. 7132A), 6' of 4" PBS (W.O. 41733), 83' of 3" PBS (W.O. 7132A), 3' 4" PE (W.O. 998563), and 50' of 3" PE (W.O. 41733) with 490' of 4" PE due to cathodic protection issues. Project Location: Picher Ave between 10th & 11th St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$69.17.		
	005490 Total					(112.18)		393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	005557	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(136.19)	Approved by: Steve Holcomb on 06/25/2014, Replace 3" and 4" PBS and 2" and 3" PCS low pressure main with 1,485' - 2" PE and 2,380' - 4" PE main on PEPL town pressure (currently MOP = MAOP = 35 psig). This work order will replace PBS main toward our safety replacement program and also provide increased pressure and volume to the SW corner of town which has experienced issues during peak usage. (to be worked in conjunction with 14-3615). Then we will target the rest of the basically one sector town for replacement on the 2015 Accelerated Main Replacement program. This will allow us to retire DRS 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 2204' - 3" PBS (original town piping); 34' - 4" PBS (original town piping); 153' - 2" PCS (WO# 57169); 113' - 2" PCS (WO# 64-5667); 110' - 2" PCS (WO# 75-4059); 50' - 3" PCS (WO# 77-3307); 100' - 3" PCS (WO# 80-0025); 950' - 2" PCS (WO# 80-0263); 42' - 2" PCS (WO# 80-5029); 310' - 3" PCS (WO# 90-1326); and 30' - 2" PE (WO# 96-1163). Price per ft = \$39.22		
376300-Mains - Plastic	005557	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(56.88)	Approved by: Steve Holcomb on 06/25/2014, Replace 3" and 4" PBS and 2" and 3" PCS low pressure main with 1,485' - 2" PE and 2,380' - 4" PE main on PEPL town pressure (currently MOP = MAOP = 35 psig). This work order will replace PBS main toward our safety replacement program and also provide increased pressure and volume to the SW corner of town which has experienced issues during peak usage. (to be worked in conjunction with 14-3615). Then we will target the rest of the basically one sector town for replacement on the 2015 Accelerated Main Replacement program. This will allow us to retire DRS 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 2204' - 3" PBS (original town piping); 34' - 4" PBS (original town piping); 153' - 2" PCS (WO# 57169); 113' - 2" PCS (WO# 64-5667); 110' - 2" PCS (WO# 75-4059); 50' - 3" PCS (WO# 77-3307); 100' - 3" PCS (WO# 80-0025); 950' - 2" PCS (WO# 80-0263); 42' - 2" PCS (WO# 80-5029); 310' - 3" PCS (WO# 90-1326); and 30' - 2" PE (WO# 96-1163). Price per ft = \$39.22		
	005557 Total					(193.07)			
376300-Mains - Plastic	005592	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(16.50)	Approved by: Steve Holcomb on 06/30/2014, Replace 8" CI WITH 6" PE DUE TO LEAKS. PRESSURE SYSTEM C-01	393.1009 (5) (a) (b)	A,B,C
	005592 Total					(16.50)			
376300-Mains - Plastic	005677	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(369.47)	Approved by: Steve Holcomb on 07/09/2014, ISRS Replace CI due to graphitization. New 4" PE running from Indiana to Jackson along 60th that is currently tied to pressure system C-1 will be tied to pressure system C-175 on the Indiana end. 12" CI being replaced by 8" PE running north and south along Swope Pkwy will be tied to pressure system C-1. Regulators will need to be changed out on C-175 System.	393.1009 (5) (a) (b)	A,B,C
	005677 Total					(369.47)			
376300-Mains - Plastic	005679	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(55.14)	Approved by: Steve Holcomb on 07/09/2014, Replace 4" and 6" CI main due to graphitization. CI break 12-1018 - 122' NNC of 50th St and 4' EEC of highland. Due 09-28-2014. Pressure System C-001	393.1009 (5) (a) (b)	A,B,C
	005679 Total					(55.14)			
376100-Mains - Steel	005735	Replace steel & plastic main	Addition	ISRS-Other	201509	(27.94)	Approved by: Ralph Janes on 07/14/2014, Tie together C-500 and S-117 by replacing 25' of 4in pcs main and 25' of 2in pcs main (wo# B1855C) with 10' of 2in thin film after uprate of pressure system S-117 (MOP=MAOP = 22 cz) to pressure system C-500 (MOP=30 psig and MOAP=44 psig). DRS 117 will be removed and retired on wo# 13-3056.	393.1009 (5) (a) (b)	A,B,C
	005735 Total					(27.94)			
376300-Mains - Plastic	005773	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(9.32)	Approved by: Kevin Driskell on 07/23/2014, AOR. Replace 40' of 4in CI with 4in PE due to exposure of CI coupling. AOR location: 46' SSCB of 8th Street. Must be finished by 9-21-2014. Tie over 3 services. Replace one service. COST PER FOOT \$554.14	393.1009 (5) (a) (b)	A,B,C
	005773 Total					(9.32)			
376300-Mains - Plastic	005799	Replace steel & plastic main	Addition	ISRS-Other	201509	(41.32)	Approved by: Ralph Janes on 07/28/2014, Replace 2" PE low pressure main with 1,000' of 4" PE main on PEPL town pressure (currently MOP = MAOP = 35 psig). This work order will boost the Pilot Grove system and increase volume to the SW corner of town for the Pilot Grove Co-op which is increasing their load significantly. This WO is to be worked in conjunction with 14-3614. Then we will target the rest of the basically one sector town for replacement on the 2015 Accelerated Main Replacement program. This will allow us to retire DRS 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 500' - 2" PE (WO# 94-0586); 10' - 2" PE (WO# 96-1163); 145' - 2" PE (WO# 08-5032 - formerly 2" SL WO# 96-1165). Price per ft = \$34.87. Contribution check for \$16,715 rec'd 7-21-14 per WOES		
376300-Mains - Plastic	005799	Replace steel & plastic main	Addition	ISRS-Other	201510	(7.33)	Approved by: Ralph Janes on 07/28/2014, Replace 2" PE low pressure main with 1,000' of 4" PE main on PEPL town pressure (currently MOP = MAOP = 35 psig). This work order will boost the Pilot Grove system and increase volume to the SW corner of town for the Pilot Grove Co-op which is increasing their load significantly. This WO is to be worked in conjunction with 14-3614. Then we will target the rest of the basically one sector town for replacement on the 2015 Accelerated Main Replacement program. This will allow us to retire DRS 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 500' - 2" PE (WO# 94-0586); 10' - 2" PE (WO# 96-1163); 145' - 2" PE (WO# 08-5032 - formerly 2" SL WO# 96-1165). Price per ft = \$34.87. Contribution check for \$16,715 rec'd 7-21-14 per WOES		
	005799 Total					(48.65)			
								393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	005852	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(3.35)	Approved by: Kevin Driskell on 08/03/2014, Replaced 6" CI with 6" PE due to Cast Iron Break. System C-1.		
	005852 Total					(3.35)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	005854	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(0.99)	Approved by: Kevin Driskell on 08/03/2014, Relocated 2" PBS because it was going through a curb inlet box. Pressure System C-26.		
	005854 Total					(0.99)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005917	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(219.94)	Approved by: Steve Holcomb on 08/06/2014, AOR and Graphitization. Replace 4in CI, 6in CI, 2in PCS, and 4in PCS with 2.945-4in PE and 340' 2in PE. Angle of repose occurred at 6611 E 18th Ter. Cast iron was exposed 128' ECL Fuller to 145' ECL of Fuller Street, 4' NNC E 18th Ter. Four cast iron breaks are in area will be replaced at part of this work order. This work order must be completed by 10/19/2014 due to cast iron breaks. Tie over 22 services. Replace 35 services.		
	005917 Total					(219.94)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	005951	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(53.13)	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0256, originally installed on WO 77-0785, due to the ground bed is only 10' from the 8 inch high pressure main. During the CIS Survey it was found that the 8 inch main is in the gradient influence of the ground bed, therefore keeping the instant off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anode ground bed will be installed on E. Division Road east of S Devasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination, Dupree Testing Services will install the ground bed and post.		
376100-Mains - Steel	005951	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201510	(776.12)	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0256, originally installed on WO 77-0785, due to the ground bed is only 10' from the 8 inch high pressure main. During the CIS Survey it was found that the 8 inch main is in the gradient influence of the ground bed, therefore keeping the instant off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anode ground bed will be installed on E. Division Road east of S Devasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination, Dupree Testing Services will install the ground bed and post.		
376100-Mains - Steel	005951	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201511	3.30	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0256, originally installed on WO 77-0785, due to the ground bed is only 10' from the 8 inch high pressure main. During the CIS Survey it was found that the 8 inch main is in the gradient influence of the ground bed, therefore keeping the instant off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anode ground bed will be installed on E. Division Road east of S Devasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination, Dupree Testing Services will install the ground bed and post.		
376100-Mains - Steel	005951	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201512	23.78	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0256, originally installed on WO 77-0785, due to the ground bed is only 10' from the 8 inch high pressure main. During the CIS Survey it was found that the 8 inch main is in the gradient influence of the ground bed, therefore keeping the instant off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anode ground bed will be installed on E. Division Road east of S Devasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination, Dupree Testing Services will install the ground bed and post.		
	005951 Total					(802.17)		393.1009 (5) (a), (b)	A, B, E
376100-Mains - Steel	005956	Rectifier initial installations	Addition	ISRS-Other	201509	(51.99)	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to install a 20 volt 10 amp Universal Rectifier with a 5 rod 3" X 60" graphite anode ground bed. This rectifier will protect all the main installed on work order 13-2400, the relocation of the 24" main for the trolley car project in the River Market area. Shaw Electric will install the power, set the rectifier and take care of the electrical inspection and DTS will install the ground bed. This ground bed will be installed in the Highway Right of Way between Independence Ave and I-35. Permission for this installation was obtain from MODOT with stipulations of rectifier location. See map attached for further details.		
	005956 Total					(51.99)		393.1009 (5) (a), (b)	A, B, E
376100-Mains - Steel	006030	Replace steel & plastic main	Addition	ISRS-Other	201509	(270.38)	Approved by: Steve Holcomb on 08/19/2014. Replace and retire 500' - 12" pcs main (work order 61-1515) for pipeline transmission integrity by installing 500' of 12" .250wt X-52 coated pipe. We will be replacing the existing Grain Valley DRS #1 bridle valve setting on work order 14-3475 and wish to capitalize on the opportunity to replace the bore shot under I-70 and to replace the High Consequence Area (HCA) at the DRS caused by the proximity of a Day Care Center while the main is out of service. A hydro-test of the existing main on the North side of I-70 West of Buckner Tarsney Route BB will occur at the same time on work order 14-????.		

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376100-Mains - Steel	006030	Replace steel & plastic main	Addition	ISRS-Other	201510	(43.20)	Approved by: Steve Holcomb on 08/19/2014. Replace and retire 500' - 12" pcs main (work order 61-1515) for pipeline transmission integrity by installing 500' of 12" .250wt X-52 coated pipe. We will be replacing the existing Grain Valley DRS #1 bridge valve setting on work order 14-3475 and wish to capitalize on the opportunity to replace the bore shot under I-70 and to replace the High Consequence Area (HCA) at the DRS caused by the proximity of a Day Care Center while the main is out of service. A hydro-test of the existing main on the North side of I-70 West of Buckner Tarsney Route BB will occur at the same time on work order 14-????.	393.1009 (5) (a) (b)	A,B,C
	006030 Total					(43.20)			
376300-Mains - Plastic	006080	Replace steel & plastic main	Addition	ISRS-Other	201509	(57.75)	Approved by: Ralph Janes on 08/20/2014. Install 725' of 2" PE main from existing 4" PE main on outlet side of DRS 6 on Jefferson west of BB. Tie over services to 210, 350, and 400 Jefferson (already on 4" PE but with major offset) from the 12" transmission main. This will permanently alleviate any issue with keeping these services live while we take the 12" main down for maintenance. NOTE - this work is related to 14-3738 (006030) and 14-3475 (005029).	393.1009 (5) (a) (b)	A,B,C
	006080 Total					(57.75)			
376100-Mains - Steel	006085	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(54.69)	Approved by: Mark Lauber on 08/21/2014. This work order is necessary to replace the existing rectifier and ground bed originally installed on work order 77-2561 then six additional anodes were added on work order 05-8907. The pipe to soil readings associated with this system are below cathodic protection criteria. Therefore, a new Universal 60 volt 30 amp rectifier will be required with fifteen 3" X 60" graphite anodes installed in the same location as the existing rectifier. No electrical work or easement work will be required.	393.1009 (5) (a), (b)	A, B, E
	006085 Total					(54.69)			
376100-Mains - Steel	006111	Rectifier Initial Installation	Addition	ISRS-Other	201509	(87.12)	Approved by: Mark Lauber on 08/21/2014. This work order is necessary to install a new 40 Volt 20 Amp Universal rectifier and a ten 3" X 60" graphite rod ground bed. This rectifier will restore cathodic protection acceptable criteria levels on the 6" and 12" main along "A" Highway and the 6" main south of Nashua Road and the 12" main south to Ruth Ewing Road. The ground bed will be installed next to a drainage area as established in Northwyck Plat 1, Track 1. The electrical will be installed and coordinated with KCP&L by Shaw Electric. A contractor will install the groundbed under inspection of MGE.	393.1009 (5) (a), (b)	A, B, E
	006111 Total					(87.12)			
376100-Mains - Steel	006113	Replace steel & plastic main	Addition	ISRS-Other	201509	(66.50)	Approved by: Galen Shoemaker on 08/25/2014. To lay 3ft of 2in CS and 1ft of 1 1/4in CS Main to retire 2ft of 2in CS from WO 70-5272 and 1ft of 1 1/4in CS from WO 70-5273 after Main was damaged by third party excavating. Found no history of leakage on these pieces of Main. MOP=25# MAOP=25# TEST=100# SYSTEM=S-1	393.1009 (5) (a) (b)	A,B,C
	006113 Total					(66.50)			
376100-Mains - Steel	006196	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(64.79)	Approved by: Mark Lauber on 08/25/2014. This work order is necessary to relocate the Vellie Road rectifier and ground bed to a different location due to the replacement of the 16 inch and 8 inch to a single 20 inch line resulting from a public improvement project. The new location will be in a private easement behind 8712 Lee's Summit Road, Kansas City, MO. The existing rectifier purchased on work order 96-3520 will be utilized, however the ground bed will be abandon and a new fifteen graphite 3" X 60" rod will be installed. Shaw Electric will take care of all the electrical including installation, permits and inspections. Dupree Testing Services will install the ground bed.	393.1009 (5) (a), (b)	A, B, E
	006196 Total					(64.79)			
376300-Mains - Plastic	006201	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(51.62)	Approved by: Galen Shoemaker on 08/28/2014. Abandon 420' 2" PBS (WO 15481) and 25' 2" PCS (WO 640373) due to main being shallow and outside of a dedicated easement. The Sonic at this location is being relocated on the lot. Will install 400' 2" PE in easement N of location of new building. Project Location: Intersection of Hwy 171 and N Main St. System: S-1; MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$42.61.	393.1009 (5) (a) (b)	A,B,C
	006201 Total					(51.62)			
376300-Mains - Plastic	006351	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(90.77)	Approved by: Gary Williams on 09/08/2014. AOR. This job must be completed by Dec. 12, 2014. Replace 65ft of 6in CI with 6in PE due to 29' of exposed pipe. CI pipe was exposed from 6' NSCB TO 23' SSCB of 29th Street. No services to tie over.	393.1009 (5) (a) (b)	A,B,C
	006351 Total					(90.77)			
376300-Mains - Plastic	006355	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(133.91)	Approved by: Gary Williams on 09/08/2014. Replace PBS for down project. Pressure system C-10	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006355	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(21.41)	Approved by: Gary Williams on 09/08/2014. Replace PBS for down project. Pressure system C-10	393.1009 (5) (a) (b)	A,B,C
	006355 Total					(155.32)			
376300-Mains - Plastic	006356	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(68.80)	Approved by: Galen Shoemaker on 09/08/2014. Lay 295ft 2in Plastic Main to replace 269ft 2in Bare Steel from 48852 and 19ft of 2in Bare Steel from 45505 due to isolated bare steel had started having multiple leaks. MOP=42# MAOP=42# TEST=100# SYSTEM=C-1 ISRS	393.1009 (5) (a) (b)	A,B,C
	006356 Total					(68.80)			
376300-Mains - Plastic	006435	Replace steel & plastic main	Addition	ISRS-Other	201509	(10.69)	Approved by: Galen Shoemaker on 09/15/2014. Lower 167' - 2" PE main (WO#: 92-6050) due to construction over shallow main. Project Location: Doughboy Dr North of 32nd St; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; \$34.34/ft	393.1009 (5) (a) (b)	A,B,C
	006435 Total					(10.69)			

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376300-Mains - Plastic	006473	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(233.24)	Approved by: Galen Shoemaker on 09/18/2014. Lay 479ft of 2in Plastic Main to replace 391ft of 2in PBS from WO JO10B and 86ft of 2in CS from WO 66-7352 and 2'-2" PE from 82-0762. MOP=20# MAOP=20# TEST=100# SYSTEM=S-1	393.1009 (5) (a) (b)	A,B,C
	006473 Total					(233.24)			
376300-Mains - Plastic	006512	Replace steel & plastic main	Addition	ISRS-Other	201509	(492.44)	Approved by: Galen Shoemaker on 09/22/2014. Abandon 8' - 6" PCS (WO#: 78-0042) and 205' - 4" PE (WO#: 05-8843) and replace with 210' - 4" PE due to 3rd party contractor bore rig getting in unlocatable PE main ditch and tearing out the side in several places. Infrasure went above and beyond their normal responsibilities to repair this emergency leak for us. Company crews worked through the night the evening the leak was called in. Existing main was 12' + deep. Company crews fixed one leak to realize the main had been hit in multiple locations. The decision was made to replace the main as opposed to chasing several #1 leaks. Infrasure was brought in to bore in the new 4" main. They worked extremely late every night, had to rent equipment, use shoring, signage, and were working on a very steep slope the entire time. They also cleaned up the massive hole the company crews had dug to make their initial repair. We also had a service person sit with the leak overnight the 1st night as there was still a very strong odor in the air at a very busy intersection. There was no charge to the contractor or USIC as the main would not locate. An emergency MODOT permit was obtained from Mike Hodges. Project Location: HWY 171 and Jefferson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; \$155.35/ft	393.1009 (5) (a) (b)	A,B,C
	006512 Total					(492.44)			
376300-Mains - Plastic	006513	Replace steel & plastic main	Addition	ISRS-Other	201509	(4.41)	Approved by: Galen Shoemaker on 09/22/2014. 3rd Party Contractor (Branco Construction) pulled an existing 6"x2" high volume tee off of the top of existing 6" PE main. The main was marked accurately and Branco did not hand dig around the locates. Being a one way feed to some industrial customers and two district regulator stations we had to run 132' of 2" PE bypass to keep everyone in gas. Branco will be charged for the damage. We replaced 12' - 6" PE (WO#: 00-0811, 11-7333) with 12' - 6" prestressed PE. Project Location: 13th (Junge) and Maiden Ln; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig;	393.1009 (5) (a) (b)	A,B,C
	006513 Total					(4.41)			
376300-Mains - Plastic	006516	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,968.19)	Approved by: Steve Holcomb on 09/22/2014. Replace and abandon all remaining steel pipe in Pilot Grove with 1,390' - 6" PE, 7,150' - 4" PE, and 12,375' - 2" PE. This work order is to be completed after WO#s 14-3614 and 14-3615. This will allow us to retire DR# 1 and retire the rectifier in town. Please see Pipe tab for detail on main to abandon: 10' - 8" PBS, 708' - 6" PBS, 845' - 4" PBS, 8071' - 3" PBS, 5374' - 2" PBS, 3892' - 2" PCS, 743' - 3" PCS, 315' - 4" PCS, 136' - 2" PE, and 8' - 4" PE. (ISRS) Price per ft = \$27.55	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006516	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(334.99)	Approved by: Steve Holcomb on 09/22/2014. Replace and abandon all remaining steel pipe in Pilot Grove with 1,390' - 6" PE, 7,150' - 4" PE, and 12,375' - 2" PE. This work order is to be completed after WO#s 14-3614 and 14-3615. This will allow us to retire DR# 1 and retire the rectifier in town. Please see Pipe tab for detail on main to abandon: 10' - 8" PBS, 708' - 6" PBS, 845' - 4" PBS, 8071' - 3" PBS, 5374' - 2" PBS, 3892' - 2" PCS, 743' - 3" PCS, 315' - 4" PCS, 136' - 2" PE, and 8' - 4" PE. (ISRS) Price per ft = \$27.55	393.1009 (5) (a) (b)	A,B,C
	006516 Total					(2,303.18)			
376300-Mains - Plastic	006551	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(58.52)	Approved by: Ralph Janes on 09/23/2014. Replace and Abandon 164' - 4"PCS (692513), 62' - 4"PBS (28302), 527' - 4" PBS (Unknown) 31' - 4" PCS (691388) and 58' - 4"PCS (732376). Main currently runs in an easement between 5th and 6th St. and W of Miller St. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	006551 Total					(58.52)			
376300-Mains - Plastic	006552	Replace steel & plastic main	Addition	ISRS-Other	201509	(0.61)	Approved by: Kevin Driskell on 09/24/2014. Abandoned 3' of 2" PE. Installed 8' of 2" PE due to third party damage. When work was done pressure system was C-002 (1psig). As of 9/16/2014 pressure system C-002 (33psig).	393.1009 (5) (a) (b)	A,B,C
	006552 Total					(0.61)			
376300-Mains - Plastic	006594	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(12.11)	Approved by: Ray Wilson on 10/01/2014. Replace 95' - 6" PBS (WO# JO4528) with 111' of 6" PE main due to leakage. 120' of 6" checked out with 9' junked. Job worked by Holman crew 9/22-24. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	006594 Total					(12.11)			
376300-Mains - Plastic	006597	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(884.14)	Approved by: Steve Holcomb on 09/29/2014. ISRS Replace 6in CI with 2,430 ft of 4in PE due to cast iron breaks. This job must be completed by Jan. 13, 2015. Tie-over 18 services. Replace 5 services.	393.1009 (5) (a) (b)	A,B,C
	006597 Total					(884.14)			
376300-Mains - Plastic	006603	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(99.57)	Approved by: Kevin Driskell on 09/29/2014. ISRS Abandoned 3" PBS from Rochester and Montgall heading south. Install 200' of 2" PE from Montgall and Guinotte heading north to pick up 2 services. Abandonment has already been completed in the field due to water main work in the area. Insert 2" PE in 3" PBS. Pressure system S-040.	393.1009 (5) (a) (b)	A,B,C
	006603 Total					(99.57)			
376300-Mains - Plastic	006654	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(164.03)	Approved by: Galen Shoemaker on 10/10/2014. Abandon 1010' - 2" PBS (A7622A, A7622B) and replace with 1010' of 2" PE due to isolated bare steel that is hard to cathodically protect. This work will clear CP#14-43. Project Location: Canyon Dr and Lariat St. Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; \$38.50/ft ISRS	393.1009 (5) (a) (b)	A,B,C
	006654 Total					(164.03)			

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376300-Mains - Plastic	006659	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(3,525.77)	Approved by: Steve Holcomb on 10/14/2014. ISRS. Replace and abandon a total of 15,005' of cast iron main in Sector 0306 with 16,080' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 7 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 402 (1-2" service) tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	006659	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(325.13)	Approved by: Steve Holcomb on 10/14/2014. ISRS. Replace and abandon a total of 15,005' of cast iron main in Sector 0306 with 16,080' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 7 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 402 (1-2" service) tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
	006659 Total					(3,850.90)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006664	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(107.85)	Approved by: Galen Shoemaker on 10/11/2014. Abandon 396' - 3" PBS (WO# NONE), 476' - 4" PBS (WO# NONE), and 19' - 4" PE (WO# 93-1770) and replace with 875' - 4" PE to clear CP 14-054 due to isolated bare steel. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
	006664 Total					(107.85)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	9,661.58	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
376300-Mains - Plastic	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(9,726.87)	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
376100-Mains - Steel	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	921.84	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
376300-Mains - Plastic	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	3,594.61	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
376100-Mains - Steel	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	(23.26)	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
376300-Mains - Plastic	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	(90.67)	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		
376100-Mains - Steel	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(23.40)	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilim and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges		

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376300-Mains - Plastic	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(91.18)	Approved by: Galen Shoemaker on 10/13/2014, Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilm and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges	393.1009 (5) (a) (b)	A,B,C
	006665 Total					4,222.65			
376300-Mains - Plastic	006666	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(17.33)	Approved by: Galen Shoemaker on 10/09/2014, Lay 180ft 2in Plastic Main to replace 177ft of 2in Protected Bare Steel from WO 21411. MOP=40# MAOP=44# TEST=100# SYSTEM=C-1	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006666	Replace bare steel main - safety re	Addition	ISRS-Other	201510	(118.81)	Approved by: Galen Shoemaker on 10/09/2014, Lay 180ft 2in Plastic Main to replace 177ft of 2in Protected Bare Steel from WO 21411. MOP=40# MAOP=44# TEST=100# SYSTEM=C-1	393.1009 (5) (a) (b)	A,B,C
	006666 Total					(136.14)			
376300-Mains - Plastic	006667	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(25.20)	Approved by: Galen Shoemaker on 10/11/2014, Abandon 217' - 2" PBS (WO# 36687) and 156' - 2" PCS (WO#s: 61456, 62-5224) and replace with 325' - 2" PE to clear CP 14-053. Project Location "C" St and Alley West of Main; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; \$35.86/ft ISRS	393.1009 (5) (a) (b)	A,B,C
	006667 Total					(25.20)			
376300-Mains - Plastic	006668	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(114.52)	Approved by: Galen Shoemaker on 10/14/2014, Abandon 487' - 4" PBS (WO# NONE), 13' - 4" PCS (WO# 71-1838), and 26' - 4" PE (WO#s: 92-6916, 06-0735) and replace with 510' - 4" PE due to CP 14-046 caused by isolated bare steel. Project Location: 21st and Wall; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$46.14/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006668	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201510	17.19	Approved by: Galen Shoemaker on 10/14/2014, Abandon 487' - 4" PBS (WO# NONE), 13' - 4" PCS (WO# 71-1838), and 26' - 4" PE (WO#s: 92-6916, 06-0735) and replace with 510' - 4" PE due to CP 14-046 caused by isolated bare steel. Project Location: 21st and Wall; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$46.14/ft	393.1009 (5) (a) (b)	A,B,C
	006668 Total					(97.33)			
376300-Mains - Plastic	006669	Replace steel & plastic main	Addition	ISRS-Other	201509	58.11	Approved by: Galen Shoemaker on 10/10/2014, Abandon 86' - 2" PCS (WO# 63-1367) and insert 85' - 1 1/4" PE due to CP 14-50 and short section of isolated bare steel. Project Location: Main and Washington; Pressure System: C-2; MOP: 4 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; \$73.67/ft	393.1009 (5) (a) (b)	A,B,C
	006669 Total					58.11			
378000-Meas & Reg Station Equipment	006670	Station rebuild & replacement	Addition	ISRS-Other	201511	26,953.85	Approved by: Ralph Janes on 10/13/2014, Rebuild DRS# 4 at Foxwood and Madison. Inlet System S-007 w/ MOP = 130 psig, MAOP = 150 psig, Outlet System C-001 w/ MOP = 50 psig, MAOP = 58 psig. Main to be replaced on WO# 14-3264. The existing station (WO# 08-5142) will be retired with the 2" Mooney FG regulator and the 2" 441-57S regulator returned to stock.	393.1009 (5) (a) (b)	A,B
378000-Meas & Reg Station Equipment	006670	Station rebuild & replacement	Addition	ISRS-Other	201512	(3,790.13)	Approved by: Ralph Janes on 10/13/2014, Rebuild DRS# 4 at Foxwood and Madison. Inlet System S-007 w/ MOP = 130 psig, MAOP = 150 psig, Outlet System C-001 w/ MOP = 50 psig, MAOP = 58 psig. Main to be replaced on WO# 14-3264. The existing station (WO# 08-5142) will be retired with the 2" Mooney FG regulator and the 2" 441-57S regulator returned to stock.	393.1009 (5) (a) (b)	A,B
	006670 Total					23,163.72			
376300-Mains - Plastic	006671	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,107.83)	Approved by: Steve Holcomb on 10/13/2014, Accelerated Main Replacement project: Replace and abandon existing mains on C-001 ounces pressure system with 14,010' - 2" and 30' - 4" PE on C-500 intermediate pressure system between 31st and Cedar and 25th and Northern. 262 tie-overs and 89 services on existing PE requiring reg change only. Summary of main to abandon (see pipe tab for details): 1384' - 2" PBS, 9614' - 4" PBS, 28' - 6" PBS, 789' - 2" PCS, 1215' - 4" PCS, 521' - 4" PE (all pre-2000), and 81' - 2" PE. Price per ft = \$32.87 (ISRS)	393.1009 (5) (a) (b)	A,B,C
	006671 Total					(1,107.83)			
376101-MGE-Mains Steel-Transmission	006690	34-394-100-PIPESAFE	Addition	ISRS-Other	201509	(432.73)	Approved by: Mark Lauber on 10/09/2014, MGE does not have verifiable tests and mill specs. for much of the Grain Valley Lateral Transmission Main. MGE will be replacing a leaking bridge valve at the Grain Valley TBS on work order 14-3475 and will be replacing the I-70 crossing on work order 14-3738. MGE had previously relocated/replaced that portion of the Grain Valley Lateral East of MO Route BB on work order 12-1214 for which verifiable tests and mill specs. are on file. This work order will utilize TDW Services and other vendors to document, provide environmental services and hydrotest that portion of original piping north of I-70 between MO Route BB and the new I-70 crossing as well as perform a Non-Destructive Evaluation to provide the missing required data. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	006690 Total					(432.73)			
376300-Mains - Plastic	006738	Replace bare steel main - safety re	Addition	ISRS-Other	201512	33,960.50	Approved by: Galen Shoemaker on 10/23/2014, Abandon 445' - 2" PBS (WO#s: 1624, 54101, 53837), 22' - 2" PCS (WO#s: 62-1977, 05-7858), 456' - 3" PCS (WO#s: 61-2977, 62-1977), 55' - 2" PE (WO#s: 77-3656, 05-8835), and 22' - 3" PE (WO#s: 88-1540) and replace with 950' - 2" PE, and 25' - 2" Thinfilm coated steel due to CP 14-020 from isolated steel and as part of our bare steel safety replacement program. There are 17 repaired leaks on this stretch of main. This work will also replace the outlet piping to DRS 01-17-C and install new remote outlet valve. Project Location: Frisco and Roosevelt; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.76/ft		

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	006738 Total					33,960.50		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006740	Replace bare steel main - safety re	Addition	ISRS-Other	201510	96,179.05	Approved by: Steve Holcomb on 10/22/2014, Abandon 1263' - 2" PBS (WO#s: NONE, 15679), 126' - 3" PCS (WO#: 63-5035), 160' - 1 1/4" PE (WO#: 84-1039) and replace with 2120' - 2" PE due to CP 14-042. This work will also count toward our bare steel safety replacement program. This work will also create several new loops in the C-100 pressure system. There are 8 repaired leaks on this section of main. Project Location: Princeton and Patterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.95/ft		
376300-Mains - Plastic	006740	Replace bare steel main - safety re	Addition	ISRS-Other	201511	335.89	Approved by: Steve Holcomb on 10/22/2014, Abandon 1263' - 2" PBS (WO#s: NONE, 15679), 126' - 3" PCS (WO#: 63-5035), 160' - 1 1/4" PE (WO#: 84-1039) and replace with 2120' - 2" PE due to CP 14-042. This work will also count toward our bare steel safety replacement program. This work will also create several new loops in the C-100 pressure system. There are 8 repaired leaks on this section of main. Project Location: Princeton and Patterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.95/ft		
376300-Mains - Plastic	006740	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(13.04)	Approved by: Steve Holcomb on 10/22/2014, Abandon 1263' - 2" PBS (WO#s: NONE, 15679), 126' - 3" PCS (WO#: 63-5035), 160' - 1 1/4" PE (WO#: 84-1039) and replace with 2120' - 2" PE due to CP 14-042. This work will also count toward our bare steel safety replacement program. This work will also create several new loops in the C-100 pressure system. There are 8 repaired leaks on this section of main. Project Location: Princeton and Patterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.95/ft		
	006740 Total					96,501.90		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006762	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(77.87)	Approved by: Ray Wilson on 10/24/2014, Replace and abandon 483' - 3" pbs main (work order BD151) by installing 490' - 2" pe main. DNR is chasing a petroleum leak from an old filling station on the SW corner of 3rd and Market. We believe that replacing the remaining bare steel main in the vicinity is the prudent thing to do. (ISRS)		
376300-Mains - Plastic	006762	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(10.21)	Approved by: Ray Wilson on 10/24/2014, Replace and abandon 483' - 3" pbs main (work order BD151) by installing 490' - 2" pe main. DNR is chasing a petroleum leak from an old filling station on the SW corner of 3rd and Market. We believe that replacing the remaining bare steel main in the vicinity is the prudent thing to do. (ISRS)		
	006762 Total					(88.08)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006790	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(125.42)	Approved by: Gary Williams on 10/16/2014, Lay 202ft of 2" PLASTIC MAIN. To replace bare steel main due to down project.		
	006790 Total					(125.42)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006800	Replace steel & plastic main	Addition	ISRS-Other	201509	2.19	Approved by: Gary Williams on 11/03/2014, Replace 60' of 2" plastic main due to third party damage. Installed 60' of 2" PE.		
	006800 Total					2.19		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006836	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(75.40)	Approved by: Steve Holcomb on 11/07/2014, Replace 4in CI with 1,630ft-4in PE and 60ft-12in thin film due to cast iron breaks. This job must be completed by Mar. 12, 2015. Tie-over 31 services. Replace 14 services.		
376300-Mains - Plastic	006836	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(342.28)	Approved by: Steve Holcomb on 11/07/2014, Replace 4in CI with 1,630ft-4in PE and 60ft-12in thin film due to cast iron breaks. This job must be completed by Mar. 12, 2015. Tie-over 31 services. Replace 14 services.		
376100-Mains - Steel	006836	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	(9.98)	Approved by: Steve Holcomb on 11/07/2014, Replace 4in CI with 1,630ft-4in PE and 60ft-12in thin film due to cast iron breaks. This job must be completed by Mar. 12, 2015. Tie-over 31 services. Replace 14 services.		
376300-Mains - Plastic	006836	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	(45.40)	Approved by: Steve Holcomb on 11/07/2014, Replace 4in CI with 1,630ft-4in PE and 60ft-12in thin film due to cast iron breaks. This job must be completed by Mar. 12, 2015. Tie-over 31 services. Replace 14 services.		
	006836 Total					(473.06)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006838	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(316.13)	Approved by: Steve Holcomb on 11/05/2014, Replace and Abandon 49'- 4" PCS (820395), 540' - 4" PBS (A1633), 1,560' - 4" PBS (A1623), 222' 4" PCS (651195), 256' 4" PCS (677041). Main currently runs Laurel Street between 82nd and 83rd, on 82nd St between Laurel and Elm, and on Ditzler Ave between 82nd and 79th. (ISRS) \$33.99 per foot.		
376300-Mains - Plastic	006838	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(192.14)	Approved by: Steve Holcomb on 11/05/2014, Replace and Abandon 49'- 4" PCS (820395), 540' - 4" PBS (A1633), 1,560' - 4" PBS (A1623), 222' 4" PCS (651195), 256' 4" PCS (677041). Main currently runs Laurel Street between 82nd and 83rd, on 82nd St between Laurel and Elm, and on Ditzler Ave between 82nd and 79th. (ISRS) \$33.99 per foot.		
	006838 Total					(508.27)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006839	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(178.78)	Approved by: Steve Holcomb on 11/05/2014, Replace and Abandon 2,726'- 2" PBS (A5385B). Main currently runs on 59 St Terr. between Farley Ave and Kentucky St. and on Farley Ave and Kentucky St south of 59th St. (ISRS)\$28.81 per foot.		
	006839 Total					(178.78)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006844	Replace steel & plastic main	Addition	ISRS-Other	201509	(77.66)	Approved by: Kevin Driskell on 11/06/2014, Replace a total of 80' of 2" PCS (57 WO-A5579D and 23' WO- 761745) with 2" PCS due to leaks. Make sure to bottle the old tap on the 12" PCS. Pressure system C-039 MOP 135psig. Pressure test at 230psig.		
	006844 Total					(77.66)		393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	006845	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(584.91)	Approved by: Steve Holcomb on 11/05/2014. Main Replacement project: Replace and abandon existing mains on C-009 pressure system with 7,744' - 2" of PE on C-500 intermediate pressure system between Turner St and Ann St and Independence Ave and Truman Rd. One of the DRS feeding this C-009 pressure system was hit by a car. We are choosing to replace the bare steel main and uprate the system rather than rebuilding the damaged DRS. 85 tie-overs. Summary of main to abandon (see pipe tab for details): 4,822' - 2" PBS, 2,589' - 2" PCS, 32' - 4" PCS, and 57' - 2" PE. Price per ft = \$24.93. Note: DRS #87 and DRS #90 to be retired on separate work orders. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	006845 Total					(584.91)			
376300-Mains - Plastic	006851	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(157.64)	Approved by: Steve Holcomb on 11/05/2014. Replace and Abandon 833'- 4" PBS (A3422), 163' 4" PBS (34871), 310' 2" PBS (43795), 130' - 2" PCS (48153), 8' 2" PCS (002194), 250' - 2" PCS (55964), and 530' 2" PCS (610105). Main currently runs on 57 Terr, Farley Ave, Kentucky Ave, 58th St, and Hunter Ave. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	006851 Total					(157.64)			
376300-Mains - Plastic	006855	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(101.60)	Approved by: Ralph Janes on 11/05/2014. Replace and Abandon 125'- 2" PBS (43618), 800'- 2" PBS (7589), 210' - 2" PCS (710041), 191' 2" PCS (713646), 328' 2" PCS (51424). Main currently runs on Harris Ave between 81st St and 79th St. (ISRS)\$26.21 per foot.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006855	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(21.84)	Approved by: Ralph Janes on 11/05/2014. Replace and Abandon 125'- 2" PBS (43618), 800'- 2" PBS (7589), 210' - 2" PCS (710041), 191' 2" PCS (713646), 328' 2" PCS (51424). Main currently runs on Harris Ave between 81st St and 79th St. (ISRS)\$26.21 per foot.	393.1009 (5) (a) (b)	A,B,C
	006855 Total					(123.44)			
376300-Mains - Plastic	006910	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	(57.31)	Approved by: Gary Williams on 11/11/2014. Replace 4" CI with 4" PE along Myrtle north of 39th St due to leak in the area. Tie into existing 4" cast iron main at 38th and Myrtle. There are 9 Replacement Services to charge to blanket work order and 8 service tie overs.	393.1009 (5) (a) (b)	A,B,C,I
	006910 Total					(57.31)			
376300-Mains - Plastic	006916	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	(606.66)	Approved by: Steve Holcomb on 11/13/2014. ISRS Replace 8" and 6" CI main due to leaks in the area (severe graphitization). Pressure System C-001 for the CI being abandoned. Pressure system C-175KCLS for the new pipe being installed. 1 replacement service at 5107 Highland (charge to BWO). 20 service tie overs.		
376300-Mains - Plastic	006916	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201510	(721.08)	Approved by: Steve Holcomb on 11/13/2014. ISRS Replace 8" and 6" CI main due to leaks in the area (severe graphitization). Pressure System C-001 for the CI being abandoned. Pressure system C-175KCLS for the new pipe being installed. 1 replacement service at 5107 Highland (charge to BWO). 20 service tie overs.	393.1009 (5) (a) (b)	A,B,C,I
	006916 Total					(1,327.74)			
376300-Mains - Plastic	006918	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(161.71)	Approved by: Steve Holcomb on 11/12/2014. AOR - Replace 6" and 4" CI with 1.530ft-4" PE due to angle of repose. AOR occurred at 42' NNCB of 26th and 11' WVCB of Colorado/Van Brunt. Cast iron is in angle of repose due to parallel excavation. This work order must be completed by Jan. 2, 2015. This will take care of CI breaks 12-1005 and 12-1010. Tie over 27 services. Replace 9 services. Estimate = \$47.22 per foot. ISRS.	393.1009 (5) (a) (b)	A,B,C
	006918 Total					(161.71)			
376300-Mains - Plastic	006935	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(529.94)	Approved by: Steve Holcomb on 11/17/2014. Abandon 410' - 2" PBS (WO#: NONE) and 2270' - 4" PBS (WO# NONE) and replace with 560' - 2" PE and 2700' - 4" PE due to CP 14-077. This work order will create multiple new loops in the C-2 Pressure System. There are 17 repaired leaks on the main to be replaced. Project Location: Cedar and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.22/ft		
376300-Mains - Plastic	006935	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201511	997.09	Approved by: Steve Holcomb on 11/17/2014. Abandon 410' - 2" PBS (WO#: NONE) and 2270' - 4" PBS (WO# NONE) and replace with 560' - 2" PE and 2700' - 4" PE due to CP 14-077. This work order will create multiple new loops in the C-2 Pressure System. There are 17 repaired leaks on the main to be replaced. Project Location: Cedar and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.22/ft		
376300-Mains - Plastic	006935	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	(38.76)	Approved by: Steve Holcomb on 11/17/2014. Abandon 410' - 2" PBS (WO#: NONE) and 2270' - 4" PBS (WO# NONE) and replace with 560' - 2" PE and 2700' - 4" PE due to CP 14-077. This work order will create multiple new loops in the C-2 Pressure System. There are 17 repaired leaks on the main to be replaced. Project Location: Cedar and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.22/ft	393.1009 (5) (a) (b)	A,B,C
	006935 Total					428.39			
376300-Mains - Plastic	006970	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(73.69)	Approved by: Kevin Driskell on 11/21/2014. Replace 385' of 4" Bare Steel pipe with 530' of 4" PE due to leak on above ground creek crossing (leaks are at pipe supports). Existing 4" bare steel lays in blanket easement and will replace in road ROW due to creek crossing.	393.1009 (5) (a) (b)	A,B,C
	006970 Total					(73.69)			
376300-Mains - Plastic	006975	Replace bare steel main - safety re	Addition	ISRS-Other	201509	22,312.78	Approved by: Steve Holcomb on 11/18/2014. Abandon 1234' - 2" PBS (WO# NONE), 585' - 3" PBS (WO# NONE), 234' - 3" PCS (WO# 63-5679), 27' - 2" PE (WO# 76-4167) and replace with 2090' - 2" PE due to CP and rotten bare steel. There are 9 repaired leaks on the stretch of main to be replaced. Project Location: Hill and Division; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.79/ft		

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376300-Mains - Plastic	006975	Replace bare steel main - safety re	Addition	ISRS-Other	201510	1,329.43	Approved by: Steve Holcomb on 11/18/2014, Abandon 1234' - 2" PBS (WO# NONE), 585' - 3" PBS (WO# NONE), 234' - 3" PCS (WO# 63-5679), 27' - 2" PE (WO# 76-4167) and replace with 2090' - 2" PE due to CP and rotten bare steel. There are 9 repaired leaks on the stretch of main to be replaced. Project Location: Hill and Division; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.79/ft		
376300-Mains - Plastic	006975	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(33.53)	Approved by: Steve Holcomb on 11/18/2014, Abandon 1234' - 2" PBS (WO# NONE), 585' - 3" PBS (WO# NONE), 234' - 3" PCS (WO# 63-5679), 27' - 2" PE (WO# 76-4167) and replace with 2090' - 2" PE due to CP and rotten bare steel. There are 9 repaired leaks on the stretch of main to be replaced. Project Location: Hill and Division; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.79/ft		
376300-Mains - Plastic	006975	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(33.75)	Approved by: Steve Holcomb on 11/18/2014, Abandon 1234' - 2" PBS (WO# NONE), 585' - 3" PBS (WO# NONE), 234' - 3" PCS (WO# 63-5679), 27' - 2" PE (WO# 76-4167) and replace with 2090' - 2" PE due to CP and rotten bare steel. There are 9 repaired leaks on the stretch of main to be replaced. Project Location: Hill and Division; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.79/ft		
	006975 Total					23,574.93		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006982	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(107.66)	Approved by: Galen Shoemaker on 11/20/2014, Abandon 691' - 2" PBS (WO# J04800) and 3' - 2" PCS (WO# LK 12-134) and replace with 690' - 2" PE to clear CP 14-54 and remove isolated bare steel. Project Location: Hickory and St John; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$30.91/ft		
	006982 Total					(107.66)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006985	Replace steel & plastic main	Addition	ISRS-Other	201509	(21.87)	Approved by: Galen Shoemaker on 11/18/2014, "JOPLIN TORNADO" Replace main after Joplin Tornado to provide service to 1511 E 19th. Project Location: 19th and New Hampshire; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; \$31.21		
	006985 Total					(21.87)		393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	006990	Station rebuild & replacement	Addition	ISRS-Other	201510	(34.73)	Approved by: Ray Wilson on 11/24/2014, Rebuild DRS 10 at BB Hwy and Perry. The existing reg station (WO# 92-7786) was hit by a car and bent, but not leaking. We will replace the inlet piping to relocate the DRS further east away from the highway on WO# 14-3983.		
	006990 Total					(34.73)		393.1009 (5) (a) (b)	A,B
376300-Mains - Plastic	007031	Replace steel & plastic main	Addition	ISRS-Other	201509	(161.94)	Approved by: Galen Shoemaker on 12/01/2014, Abandon 42' - 1" PCS (WO# 82-0200), 42' - 1.25" PCS (WO# 82-0195), 294' - 1.5" PCS (WO# 82-0199), 225' - 2" PCS (WO# 82-0198), and 379' - 4" PCS (WO# 82-0197) and replace with 675' - 2" PE due to isolated steel that used to be customer fuel line on outlet side of a master meter and unnecessary DRS 08-30-S-5. All services will be replaced from main to meter and regulators checked for pressure rating. Project Location: 624 Johnson Drive; Pressure System: C-1; MOP: 25 psig; MAOP: 26 psig; Design: 58 psig; Test: 100 psig; \$30.95/ft		
	007031 Total					(161.94)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007078	Replace bare steel main - safety re	Addition	ISRS-Other	201512	8,885.71	Approved by: Galen Shoemaker on 12/05/2014, Abandon 70' - 4" PBS (WO# NONE) and replace with 70' - 4" PE due to CP 14-089. There are 7 repaired leaks on this stretch of main. Project Location: 6th and Connor; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS		
	007078 Total					8,885.71		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201510	62,096.99	Approved by: Galen Shoemaker on 12/05/2014, Abandon 1068' - 2" PBS (WO# NONE), 105' - 2" PCS (WO# 66-7334), and 40' - 2" PE (WO# 94-1182) and replace with 1220' - 2" PE due to CP 14-081. There is one active #3 Leak (Leak No. 13-013) and six repaired leaks on this stretch of main. Project Location: 8th and College; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.39/ft		
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201511	37.96	Approved by: Galen Shoemaker on 12/05/2014, Abandon 1068' - 2" PBS (WO# NONE), 105' - 2" PCS (WO# 66-7334), and 40' - 2" PE (WO# 94-1182) and replace with 1220' - 2" PE due to CP 14-081. There is one active #3 Leak (Leak No. 13-013) and six repaired leaks on this stretch of main. Project Location: 8th and College; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.39/ft		
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201512	123.79	Approved by: Galen Shoemaker on 12/05/2014, Abandon 1068' - 2" PBS (WO# NONE), 105' - 2" PCS (WO# 66-7334), and 40' - 2" PE (WO# 94-1182) and replace with 1220' - 2" PE due to CP 14-081. There is one active #3 Leak (Leak No. 13-013) and six repaired leaks on this stretch of main. Project Location: 8th and College; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.39/ft		
	007080 Total					62,258.74		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	007153	Replace steel & plastic main	Addition	ISRS-Other	201509	(42.17)	Approved by: Ralph Janes on 12/08/2014, Replace 121' of 2" PCS main (WO# 79-1096) with 100' of 2" thin film to relocate DRS 10 at BB Hwy and Perry. The existing reg station was hit by a car because of its location. Replace all inlet piping and tie back into outlet piping of reg station on WO# 14-3983. Rebuild DRS 10 on WO# 14-3982.		
376100-Mains - Steel	007153	Replace steel & plastic main	Addition	ISRS-Other	201510	(6.25)	Approved by: Ralph Janes on 12/08/2014, Replace 121' of 2" PCS main (WO# 79-1096) with 100' of 2" thin film to relocate DRS 10 at BB Hwy and Perry. The existing reg station was hit by a car because of its location. Replace all inlet piping and tie back into outlet piping of reg station on WO# 14-3983. Rebuild DRS 10 on WO# 14-3982.		

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	007153 Total					(48.42)			
376100-Mains - Steel	007182	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(1,046.23)	Approved by: Gary Williams on 12/15/2014, Relocate inlet and outlet piping to DR 58 from 12th and Atchinson to 14th and Atchinson due to down project. Reg station WO (14-3958).	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007182	Replace bare steel main - safety re	Addition	ISRS-Other	201509	203.44	Approved by: Gary Williams on 12/15/2014, Relocate inlet and outlet piping to DR 58 from 12th and Atchinson to 14th and Atchinson due to down project. Reg station WO (14-3958).		
	007182 Total					(842.79)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007183	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(33.63)	Approved by: Galen Shoemaker on 12/09/2014, Abandon 223' - 2" PBS (WO#: 42307) and replace with 225' - 2" PE due to CP 14-097 and isolated bare steel. Project Location: 8th and Oakland; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$48.76/ft	393.1009 (5) (a) (b)	A,B,C
	007183 Total					(33.63)			
376300-Mains - Plastic	007191	Replace bare steel main - safety re	Addition	ISRS-Other	201510	44,496.85	Approved by: Galen Shoemaker on 12/09/2014, "MODOT PERMIT REQUIRED" Abandon 520' - 4" PBS (WO#: 2531), 217' - 3" PCS (WO#: 68-4499), 25' - 4" PCS (WO#: 63-4414), and 39' - 4" PE (WO#: 89-1679) and replace with 725' - 4" PE due to CP 14-095 and isolated bare steel. Project Location: 13th and Madison; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.80/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007191	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(505.10)	Approved by: Galen Shoemaker on 12/09/2014, "MODOT PERMIT REQUIRED" Abandon 520' - 4" PBS (WO#: 2531), 217' - 3" PCS (WO#: 68-4499), 25' - 4" PCS (WO#: 63-4414), and 39' - 4" PE (WO#: 89-1679) and replace with 725' - 4" PE due to CP 14-095 and isolated bare steel. Project Location: 13th and Madison; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.80/ft		
376300-Mains - Plastic	007191	Replace bare steel main - safety re	Addition	ISRS-Other	201512	4.07	Approved by: Galen Shoemaker on 12/09/2014, "MODOT PERMIT REQUIRED" Abandon 520' - 4" PBS (WO#: 2531), 217' - 3" PCS (WO#: 68-4499), 25' - 4" PCS (WO#: 63-4414), and 39' - 4" PE (WO#: 89-1679) and replace with 725' - 4" PE due to CP 14-095 and isolated bare steel. Project Location: 13th and Madison; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.80/ft		
	007191 Total					43,995.82		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	007197	Replace steel & plastic main	Addition	ISRS-Other	201509	(22.98)	Approved by: Kevin Driskell on 12/16/2014, Replace 4' of 2" PCS due to leak.		
	007197 Total					(22.98)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007201	Replace bare steel main - safety re	Addition	ISRS-Other	201512	91,487.78	Approved by: Galen Shoemaker on 12/07/2014, Abandon 225' - 2" PBS (WO# NONE), 270' - 3" PBS (WO# NONE), 212' - 4" PBS (WO# 3723), 11' - 4" PCS (WO# 64-1701), and 99' - 2" PE (WO#s 72-6979, 92-7615) and replace with 825' - 4" PE to clear two CP's (14-090, 14-091) and remove isolated bare steel. There are 11 repaired leaks on this stretch of main. Project Location: 5th and Gray; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.55/ft	393.1009 (5) (a) (b)	A,B,C
	007201 Total					91,487.78			
376300-Mains - Plastic	007202	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(147.48)	Approved by: Galen Shoemaker on 12/05/2014, Abandon 712' - 2" PBS (WO#s A17, 4800) and replace with 715' - 2" PE due to CP 14-44. Project Location: Easement South of Rockhill Rd west of Lafayette; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$31.63/ft	393.1009 (5) (a) (b)	A,B,C
	007202 Total					(147.48)			
376300-Mains - Plastic	007206	Replace bare steel main - safety re	Addition	ISRS-Other	201510	40,516.97	Approved by: Galen Shoemaker on 12/09/2014, "MODOT PERMIT REQUIRED" Abandon 343' - 4" PBS (WO#: A2983N), 90' - 3" PBS (WO#: A2983), and 12' - 4" PE (WO#s: 98-6396, 05-8857) and replace with 440' - 4" PE due to CP 14-096 and isolated bare steel. There is one repaired leak on this stretch of main. Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$56.32/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007206	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(21.49)	Approved by: Galen Shoemaker on 12/09/2014, "MODOT PERMIT REQUIRED" Abandon 343' - 4" PBS (WO#: A2983N), 90' - 3" PBS (WO#: A2983), and 12' - 4" PE (WO#s: 98-6396, 05-8857) and replace with 440' - 4" PE due to CP 14-096 and isolated bare steel. There is one repaired leak on this stretch of main. Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$56.32/ft		
376300-Mains - Plastic	007206	Replace bare steel main - safety re	Addition	ISRS-Other	201512	3,648.83	Approved by: Galen Shoemaker on 12/09/2014, "MODOT PERMIT REQUIRED" Abandon 343' - 4" PBS (WO#: A2983N), 90' - 3" PBS (WO#: A2983), and 12' - 4" PE (WO#s: 98-6396, 05-8857) and replace with 440' - 4" PE due to CP 14-096 and isolated bare steel. There is one repaired leak on this stretch of main. Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$56.32/ft	393.1009 (5) (a) (b)	A,B,C
	007206 Total					44,144.31			
376100-Mains - Steel	007310	Replace steel & plastic main	Addition	ISRS-Other	201509	(54.83)	Approved by: Kevin Driskell on 12/22/2014, Replace 136' of 2" PBS with 2" PCS due to 3rd party damage. Pressure System C-25, MOP=25PSIG, MAOP=25PSIG.	393.1009 (5) (a) (b)	A,B,C
	007310 Total					(54.83)			

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376300-Mains - Plastic	007313	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(542.24)	Approved by: Steve Holcomb on 12/29/2014. Replace 4", 5", 6" PBS, 6" PCS along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 135 PSIG) will be replaced with 1190' of 4" STL. System C-006 (MOP 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2380' of 6" PE, 90' of 2" PE, and 19' of 4" PE. The following reg stations will be abandoned: DRS #172, DRS #392. Pressure system C-006 will now be the outlet system for DRS # 384 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 384 will be rebuilt - wo # 14-4038. Estimated Cost per foot = \$59.78. ISRS.		
376300-Mains - Plastic	007313	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(205.55)	Approved by: Steve Holcomb on 12/29/2014. Replace 4", 5", 6" PBS, 6" PCS along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 135 PSIG) will be replaced with 1190' of 4" STL. System C-006 (MOP 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2380' of 6" PE, 90' of 2" PE, and 19' of 4" PE. The following reg stations will be abandoned: DRS #172, DRS #392. Pressure system C-006 will now be the outlet system for DRS # 384 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 384 will be rebuilt - wo # 14-4038. Estimated Cost per foot = \$59.78. ISRS.		
	007313 Total					(747.79)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007316	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(58.08)	Approved by: Gary Williams on 12/31/2014. Replace due to AOR at 1227 Stratford Rd (Coupling exposed). CI break 13-1045 will also be taken care of in this replacement. Install 240' of 4" PE. 1224 nd 1232 Stratford Rd are replacement services. 4 tie overs. Bypass needed.	393.1009 (5) (a) (b)	A,B,C
	007316 Total					(58.08)			
376300-Mains - Plastic	007317	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(107.72)	Approved by: Gary Williams on 01/05/2015. Replace 6" CI due to coupling being exposed. Tie in to 6" PE - C-175KCLS at Meyer and run 330' south on Benton. Do not connect to existing 6" CI, different pressure system. Change out all regulators for live services. Replacement services - 6618, 6625, 6626 S Benton, 2821, 2901 E Meyer Blvd. 4 Tie overs.		
376300-Mains - Plastic	007317	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	(129.21)	Approved by: Gary Williams on 01/05/2015. Replace 6" CI due to coupling being exposed. Tie in to 6" PE - C-175KCLS at Meyer and run 330' south on Benton. Do not connect to existing 6" CI, different pressure system. Change out all regulators for live services. Replacement services - 6618, 6625, 6626 S Benton, 2821, 2901 E Meyer Blvd. 4 Tie overs.		
	007317 Total					(236.93)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007319	Replace steel & plastic main	Addition	ISRS-Other	201509	(159.16)	Approved by: Gary Williams on 01/05/2015. LAY 188'-4" PE & 218'-2" PE DUE TO LEAK ON EXISTING 6" PCS.	393.1009 (5) (a) (b)	A,B,C
	007319 Total					(159.16)			
376100-Mains - Steel	007324	Replace bare steel main - safety re	Addition	ISRS-Other	201509	112,650.74	Approved by: Steve Holcomb on 01/06/2015. *MODOT PERMIT REQUIRED* Abandon 1150' - 2" PBS (WO#s A8023B, A9457) and 170' - 2" PCS (WO#s 65-4776, 67-3013) and replace with 165' - 2" PE and 1250' - 4" Thinfilm Coated Steel pipe to remove dresser fitting from under Business Hwy 71 that is creating a short in the rectifier system. This work order will create a better rectifier feed from the new Peterson Rd rectifier to the rest of Neosho. Project Location: Bus HWY 71 and South St; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$60.01/ft		
376300-Mains - Plastic	007324	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(106,632.89)	Approved by: Steve Holcomb on 01/06/2015. *MODOT PERMIT REQUIRED* Abandon 1150' - 2" PBS (WO#s A8023B, A9457) and 170' - 2" PCS (WO#s 65-4776, 67-3013) and replace with 165' - 2" PE and 1250' - 4" Thinfilm Coated Steel pipe to remove dresser fitting from under Business Hwy 71 that is creating a short in the rectifier system. This work order will create a better rectifier feed from the new Peterson Rd rectifier to the rest of Neosho. Project Location: Bus HWY 71 and South St; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$60.01/ft		
	007324 Total					6,017.85		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007327	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(99.70)	Approved by: Ralph Janes on 12/23/2014. Replace and abandon 802' - 4" pbs main (work order 147), 202' - 2" pbs main (work order 21557) and 145' - 2" pcs main (work order 615237) by installing 1,250' - 2" pe main. The existing bare main recently had a #2 leak and the main was recommended for replacement. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	007327 Total					(99.70)			
376100-Mains - Steel	007330	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201509	(27.68)	Approved by: Ray Wilson on 12/29/2014. This work order is necessary to replace the existing ground bed at the existing location that was installed on work order 77-1860. The new ground bed will have 4 graphite anodes 3" X 60" surrounded by coke breeze. All installation will be completed by the Lee's Summit corrosion Crew.	393.1009 (5) (a), (b)	A, B, E
	007330 Total					(27.68)			
376300-Mains - Plastic	007396	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(426.50)	Approved by: Steve Holcomb on 01/12/2015. Replace 58' of 2" PE (WO's 058815 & LK950481), 1720' of 2" PBS (WO's None, 49956, 50435, 50482, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E339523) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$41.02. ISRS		

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376300-Mains - Plastic	007396	Replace bare steel main - safety re	Addition	ISRS-Other	201510	511.20	Approved by: Steve Holcomb on 01/12/2015, Replace 58' of 2" PE (WO's 058815 & LK950481), 1720' of 2" PBS (WO's None, 49956, 50435, 50482, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E339523) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$41.02. ISRS		
376300-Mains - Plastic	007396	Replace bare steel main - safety re	Addition	ISRS-Other	201511	11,585.32	Approved by: Steve Holcomb on 01/12/2015, Replace 58' of 2" PE (WO's 058815 & LK950481), 1720' of 2" PBS (WO's None, 49956, 50435, 50482, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E339523) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$41.02. ISRS		
376300-Mains - Plastic	007396	Replace bare steel main - safety re	Addition	ISRS-Other	201512	2,664.35	Approved by: Steve Holcomb on 01/12/2015, Replace 58' of 2" PE (WO's 058815 & LK950481), 1720' of 2" PBS (WO's None, 49956, 50435, 50482, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E339523) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$41.02. ISRS		
	007396 Total					14,334.37		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007474	Replace steel & plastic main	Addition	ISRS-Other	201509	(45.17)	Approved by: Gary Williams on 01/19/2015, ISRS Replace 4" PE due to public works project (Street Car). There may be a conduit put in place by others for the proposed 4" PE. Coordinate with engineering prior to construction.		
	007474 Total					(45.17)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007480	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(29.92)	Approved by: Gary Williams on 01/19/2015, Replace 500ft of 3in & 4in Bare Steel with 4in Plastic Pipe due to down project.		
	007480 Total					(29.92)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	007499	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(31,268.86)	Approved by: Gary Williams on 01/26/2015, ISRS - Replace and abandon 442' - 2" PBS main and 397' of 4" PBS by installing 450' - 2" PE main and 400' - 4" PE main. See tie in procedures on drawing.		
376300-Mains - Plastic	007499	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	31,119.79	Approved by: Gary Williams on 01/26/2015, ISRS - Replace and abandon 442' - 2" PBS main and 397' of 4" PBS by installing 450' - 2" PE main and 400' - 4" PE main. See tie in procedures on drawing.		
	007499 Total					(149.07)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007503	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	1,469.04	Approved by: Steve Holcomb on 01/26/2015, Accelerated Main Replacement Program: Replace and abandon 2860' of existing main on two single feed pressure systems with 3110' - 2" PE main on the C-500 pressure system. This will allow us to retire DRS 225 and 226 (WO's 15-5088 and 15-5089, respectively). This is an area that we experienced problems with water in the main in winter 2012-13 and targeted for replacement on the C-500 system since it is so readily available. See pipe tab for details on main to abandon. ISRS Price per ft = \$37.86		
376300-Mains - Plastic	007503	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(36.55)	Approved by: Steve Holcomb on 01/26/2015, Accelerated Main Replacement Program: Replace and abandon 2860' of existing main on two single feed pressure systems with 3110' - 2" PE main on the C-500 pressure system. This will allow us to retire DRS 225 and 226 (WO's 15-5088 and 15-5089, respectively). This is an area that we experienced problems with water in the main in winter 2012-13 and targeted for replacement on the C-500 system since it is so readily available. See pipe tab for details on main to abandon. ISRS Price per ft = \$37.86		
	007503 Total					1,432.49		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007506	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(397.51)	Approved by: Steve Holcomb on 01/26/2015, Replace 470' - 2" PBS (WO None), 725' - 4" PBS (WO None), 10' - 1 1/4" PE (WO 800056), & 25' - 4" PE (WO's 861424 & 941665) with 505' of 2" PE and 745' of 4" PE due to 20 repaired leaks, 1 active leak (10-0082), and isolated bare steel main. Project Location: Moffet Ave Between 11th St & 14th St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$51.61.		
	007506 Total					(397.51)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007508	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(219.28)	Approved by: Steve Holcomb on 01/26/2015, Replace 13' 4" PE (WO 034844), 40' 2" PE (WO 121357), 799' 2" PBS (WO None), 300' 2" PCS (WO's 962347 & 636245), 19' 3" PCS (WO 962347), and 451' 3" PBS (WO None) with 1595' of 4" PE due to history of leakage, rotten main, 5 repaired leaks, and isolated bare steel. Project Location: Walker St between Noble St & 4th St and Tracy St between Hall St & Devon St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$49.23.		
	007508 Total					(219.28)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007511	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(299.94)	Approved by: Steve Holcomb on 01/23/2015, Accelerated Main Replacement Project: Replace and abandon 3114' of 4" PBS, 8' - 2" PCS, and 117' - 4" PCS with 3230' - 2" PE main. See pipe tab for details. The existing main is on the S-083 pressure system, MOP = MAOP = 1.88 psig. Replace with 2" PE on the C-500 system on WO# 15-5085 so that DRS 83 can be eliminated (retirement WO# 15-5086). ISRS Price per ft = \$44.13		
	007511 Total					(299.94)		393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	007512	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(4.37)	Approved by: Gary Williams on 01/27/2015, Replace 6" CI with 6" PE. Address 1577 Baltimore (Marriott) requires a 4" Service. In order to accommodate this replace a portion of the 6" CI one-way feed with 6" PE, install a 6" tee and reduce it to 4" for the service line. The 6" Main will dead-end after picking up the other service (1511 Baltimore). Coordinate to shut 1511 Baltimore down temporarily while installing new main.	393.1009 (5) (a) (b)	A,B,C
	007512 Total					(4.37)			
376300-Mains - Plastic	007513	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	27,356.82	Approved by: Kevin Driskell on 01/23/2015, Replace and abandon 723' - 2" PBS (WO# 21578) with 730' - 2" PE main on WO# 15-5094. The existing main is 1947 vintage and causing current issues for the rectifier. ISRS Price per ft = \$35.77		
376300-Mains - Plastic	007513	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(48.47)	Approved by: Kevin Driskell on 01/23/2015, Replace and abandon 723' - 2" PBS (WO# 21578) with 730' - 2" PE main on WO# 15-5094. The existing main is 1947 vintage and causing current issues for the rectifier. ISRS Price per ft = \$35.77		
376300-Mains - Plastic	007513	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	(60.54)	Approved by: Kevin Driskell on 01/23/2015, Replace and abandon 723' - 2" PBS (WO# 21578) with 730' - 2" PE main on WO# 15-5094. The existing main is 1947 vintage and causing current issues for the rectifier. ISRS Price per ft = \$35.77		
	007513 Total					27,247.81		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007516	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	4,396.17	Approved by: Steve Holcomb on 01/26/2015, ARP work order - Grandview City Paving Project. Replace and abandon 1756' - 4" PBS, 758' - 2" PBS, 471' - 4" PCS, and 8' - 2" PCS with 745' - 4" PE and 2260' - 2" PE main. See pipe tab for retirement WO details. Paving estimates are low due to most of this replacement being in an area to be repaved by the city. ISRS Price per ft = \$37.55		
376300-Mains - Plastic	007516	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(175.84)	Approved by: Steve Holcomb on 01/26/2015, ARP work order - Grandview City Paving Project. Replace and abandon 1756' - 4" PBS, 758' - 2" PBS, 471' - 4" PCS, and 8' - 2" PCS with 745' - 4" PE and 2260' - 2" PE main. See pipe tab for retirement WO details. Paving estimates are low due to most of this replacement being in an area to be repaved by the city. ISRS Price per ft = \$37.55		
	007516 Total					4,220.33		393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	007530	Station rebuild & replacement	Addition	ISRS-Other	201509	(30.02)	Approved by: Gary Williams on 01/29/2015, Replace DRS 607 due to leaks, it currently has 2 settings for the monitor and operator. Rebuild so that operator and monitor are in one setting. Inlet system C-015 90 psig. Outlet system S-607 25 psig.	393.1009 (5) (a) (b)	A,B
	007530 Total					(30.02)			
376300-Mains - Plastic	007531	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(325.75)	Approved by: Gary Williams on 01/29/2015, AOR - Due 03/04/2015 - Replace 50' of 6" CI WO # 2403 with 6" PE. Pressure System S-114B. Bypass required.	393.1009 (5) (a) (b)	A,B,C
	007531 Total					(325.75)			
376300-Mains - Plastic	007532	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	16,561.45	Approved by: Steve Holcomb on 01/29/2015, ISRS. Replace and abandon a total of 3,909' of 4" CI, 4,517' of 6" CI, and 2,617' of 12" CI in Sector 0306 with 8,452' of 2" PE and 3,802' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 43 bare steel services and 3 CS services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	007532	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(466.69)	Approved by: Steve Holcomb on 01/29/2015, ISRS. Replace and abandon a total of 3,909' of 4" CI, 4,517' of 6" CI, and 2,617' of 12" CI in Sector 0306 with 8,452' of 2" PE and 3,802' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 43 bare steel services and 3 CS services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	007532	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	552.29	Approved by: Steve Holcomb on 01/29/2015, ISRS. Replace and abandon a total of 3,909' of 4" CI, 4,517' of 6" CI, and 2,617' of 12" CI in Sector 0306 with 8,452' of 2" PE and 3,802' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 43 bare steel services and 3 CS services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
	007532 Total					16,647.05		393.1009 (5) (a) (b)	A,B,C

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376100-Mains - Steel	007571	Replace steel & plastic main	Addition	ISRS-Other	201509	(61.15)	Approved by: Gary Williams on 02/03/2015, Main replacement for the rebuild of DR 607 (WO # 155078). 70' of 4" PCS to be installed. Tie in to 3" PCS before outlet and inlet valves so that they may continue to be used as the valves for the station.	393.1009 (5) (a) (b)	A,B,C
	007571 Total					(61.15)			
376300-Mains - Plastic	007576	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	1.37	Approved by: Kevin Driskell on 01/27/2015, The City of Grandview will pave 148th Terr between White and 147th Terr this summer. Replace 433' of 2" PBS (WO# A3717) with 435' - 2" PE. ISRS Price per ft = \$46.46	393.1009 (5) (a) (b)	A,B,C
	007576 Total					1.37			
376300-Mains - Plastic	007591	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(9,205.00)	Approved by: Gary Williams on 02/06/2015, Replace 255' of 6in Bare Steel with 4in Plastic pipe due to down CP project. ISRS	393.1009 (5) (a) (b)	A,B,C
	007591 Total					(9,205.00)			
376300-Mains - Plastic	007593	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(64.79)	Approved by: Michael Fornelli on 02/05/2015, Replace 12' 2" PCS & 57' 2" PBS with 70' 2" PE due to 1 active leak (10100) and abandon 86' 1 1/4" PE due to no services running off the main. Project Location: 7th St W of Mower St. System: S-1. MOP: 17 PSIG. MAOP: 17 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$91.75.	393.1009 (5) (a) (b)	A,B,C
	007593 Total					(64.79)			
376300-Mains - Plastic	007597	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(82.51)	Approved by: Gary Williams on 02/04/2015, Replace 182' of Bare Steel main with 182' of 2" Plastic main due to down CP project. ISRS	393.1009 (5) (a) (b)	A,B,C
	007597 Total					(82.51)			
376300-Mains - Plastic	007601	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	243,671.01	Approved by: Steve Holcomb on 01/30/2015, Replace and abandon all piping in the S-009 system at Maguire and Jefferson in order to eliminate DRS 9. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zoll and the presence of PBS main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5926' of main. See pipe tab for details on main to abandon. ISRS Price per ft = \$31.29 Low price per ft due to most of the main in back easements and low paving replacement estimate. DRS 9 to be retired on WO# 15-5114.		
376300-Mains - Plastic	007601	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	52.13	Approved by: Steve Holcomb on 01/30/2015, Replace and abandon all piping in the S-009 system at Maguire and Jefferson in order to eliminate DRS 9. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zoll and the presence of PBS main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5926' of main. See pipe tab for details on main to abandon. ISRS Price per ft = \$31.29 Low price per ft due to most of the main in back easements and low paving replacement estimate. DRS 9 to be retired on WO# 15-5114.		
376300-Mains - Plastic	007601	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	399.97	Approved by: Steve Holcomb on 01/30/2015, Replace and abandon all piping in the S-009 system at Maguire and Jefferson in order to eliminate DRS 9. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zoll and the presence of PBS main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5926' of main. See pipe tab for details on main to abandon. ISRS Price per ft = \$31.29 Low price per ft due to most of the main in back easements and low paving replacement estimate. DRS 9 to be retired on WO# 15-5114.	393.1009 (5) (a) (b)	A,B,C
	007601 Total					244,123.11			
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201509	3,722.31	Approved by: Kevin Driskell on 02/11/2015, Replace 20' of 4" PE (WO's E339624 & 985957), 152' of 3" PBS (WO None), & 687' of 2" PBS (WO None) with 900' of 4" PE due to 12 repaired leaks and 2 active leaks (2013-117 & 2010-78). Project Location: Richmond Rd E of Jackson Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$66.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM		
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201510	15,764.86	Approved by: Kevin Driskell on 02/11/2015, Replace 20' of 4" PE (WO's E339624 & 985957), 152' of 3" PBS (WO None), & 687' of 2" PBS (WO None) with 900' of 4" PE due to 12 repaired leaks and 2 active leaks (2013-117 & 2010-78). Project Location: Richmond Rd E of Jackson Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$66.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM		
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201511	739.56	Approved by: Kevin Driskell on 02/11/2015, Replace 20' of 4" PE (WO's E339624 & 985957), 152' of 3" PBS (WO None), & 687' of 2" PBS (WO None) with 900' of 4" PE due to 12 repaired leaks and 2 active leaks (2013-117 & 2010-78). Project Location: Richmond Rd E of Jackson Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$66.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM		
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(464.38)	Approved by: Kevin Driskell on 02/11/2015, Replace 20' of 4" PE (WO's E339624 & 985957), 152' of 3" PBS (WO None), & 687' of 2" PBS (WO None) with 900' of 4" PE due to 12 repaired leaks and 2 active leaks (2013-117 & 2010-78). Project Location: Richmond Rd E of Jackson Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$66.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM	393.1009 (5) (a) (b)	A,B,C
	007652 Total					19,762.35			
376300-Mains - Plastic	007654	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	3,565.71	Approved by: Gary Williams on 02/10/2015, AOR Due 04/17/2015. Replace 4" and 6" CI with 285' of 4" PE. System C-001.		
376300-Mains - Plastic	007654	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(11,772.75)	Approved by: Gary Williams on 02/10/2015, AOR Due 04/17/2015. Replace 4" and 6" CI with 285' of 4" PE. System C-001.		

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	007654 Total					(8,207.04)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007672	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(106.40)	Approved by: Kevin Driskell on 02/15/2015, ARP: Replace and abandon 2" PBS main in the alley between Walnut and Highland from 3rd St to Blue Parkway with 1400' - 2" PE and 5' - 4" PE. On 1/16/15 Google Fiber hit this dead end feed main on the south side of 3rd and the leak was cleared with a handi-band. See pipe tab for details on main to abandon. ISRS Price per ft = \$37.13		
376300-Mains - Plastic	007672	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(17.35)	Approved by: Kevin Driskell on 02/15/2015, ARP: Replace and abandon 2" PBS main in the alley between Walnut and Highland from 3rd St to Blue Parkway with 1400' - 2" PE and 5' - 4" PE. On 1/16/15 Google Fiber hit this dead end feed main on the south side of 3rd and the leak was cleared with a handi-band. See pipe tab for details on main to abandon. ISRS Price per ft = \$37.13		
	007672 Total					(123.75)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007693	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(17.66)	Approved by: Michael Fornelli on 02/19/2015, To lay appx 175 ft of 2 in Plastic Main to replace 2in isolated Bare Steel Main from WO 29522. MAOP=44# MOP=40# SYSTEM=C-1 TEST=100# ISRS		
	007693 Total					(17.66)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007706	Replace bare steel main - safety re	Addition	ISRS-Other	201511	208,271.54	Approved by: Joe Hampton on 02/24/2015, Abandon 290' - 1 1/4" PBS (WO# 12929), 6344' - 2" PBS (WO#s: J012B, J02080, 19885, 20588, 25595, 29055, 31081, 33746, 38495), 683' - 2" PCS (WO#s: 64-3085, 80-4071, 82-0573, 10-6538), and 5' - 2" PE (WO# 92-3032) and replace with 8240' - 2" PE to clean up isolated steel and rotten main. Project Location: Odell and Missouri; Pressure System: S-6; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.47/ft		
376300-Mains - Plastic	007706	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,596.07	Approved by: Joe Hampton on 02/24/2015, Abandon 290' - 1 1/4" PBS (WO# 12929), 6344' - 2" PBS (WO#s: J012B, J02080, 19885, 20588, 25595, 29055, 31081, 33746, 38495), 683' - 2" PCS (WO#s: 64-3085, 80-4071, 82-0573, 10-6538), and 5' - 2" PE (WO# 92-3032) and replace with 8240' - 2" PE to clean up isolated steel and rotten main. Project Location: Odell and Missouri; Pressure System: S-6; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.47/ft		
	007706 Total					209,867.61		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007789	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(233.55)	Approved by: Joe Hampton on 03/03/2015, Replace 1210ft of 4" BS AND 831ft of CS main with 4"PE. Also replace 110ft of 2"CS main with 2"PE. All due to down projects.		
	007789 Total					(233.55)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007790	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(19.25)	Approved by: Gary Williams on 03/03/2015, Replace 165ft of 3in Bare steel with 4in Plastic Pipe due to down project.		
	007790 Total					(19.25)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007824	Replace bare steel main - safety re	Addition	ISRS-Other	201509	16.76	Approved by: Gary Williams on 03/10/2015, Replace 612ft of 4"B/S main with 4"PE main due to down project.		
	007824 Total					16.76		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007826	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(115.40)	Approved by: Ray Wilson on 03/12/2015, Replace 50' of 8" CI in ADR with 6" PE (main is located in parkway). Due 06/09/2015, Pressure system C-001. Tie in points to existing CI should be 55' NNC of 58th and 100' NNC of 58th. Loop feed with no services in the CI being replaced.		
	007826 Total					(115.40)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007828	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	3,196.20	Approved by: Joe Hampton on 03/13/2015, Replace and abandon 1,363' - 2" pbs, 163. - 2' pcs and 380' - 2" pe main by installing 1,880' - 2" pe main to clear a 5 year old #3 leak. (ISRS)		
376300-Mains - Plastic	007828	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	(57.84)	Approved by: Joe Hampton on 03/13/2015, Replace and abandon 1,363' - 2" pbs, 163. - 2' pcs and 380' - 2" pe main by installing 1,880' - 2" pe main to clear a 5 year old #3 leak. (ISRS)		
	007828 Total					3,138.36		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007861	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	2,614.90	Approved by: Joe Hampton on 03/13/2015, ISRS. Replace and abandon a total of 85' of 4" CI, 1705' of 6" CI, 1144' of 12" CI and 90' of 2" BS in Sector 0306 with 1735' of 2" PE, 1400' of 4" PE, and 1320' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 4 bare steel services - 3917 Myrtle, 3901 and 3925 E. 39th, 3914 Jackson Ave - are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 56 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures. Note that some of the existing main is currently under C-001 and regulators will need to be changed out before uprating the main.		

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376300-Mains - Plastic	007861	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(16.48)	Approved by: Joe Hampton on 03/13/2015, ISRS. Replace and abandon a total of 85' of 4" CI, 1705' of 6" CI, 1144' of 12" CI and 90' of 2" BS in Sector 0306 with 1735' of 2" PE, 1400' of 4" PE, and 1320' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 4 bare steel services - 3917 Myrtle, 3901 and 3925 E. 39th, 3914 Jackson Ave - are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 56 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures. Note that some of the existing main is currently under C-001 and regulators will need to be changed out before uprating the main.	393.1009 (5) (a) (b)	A,B,C
	007861 Total					2,598.42			
376300-Mains - Plastic	007862	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(111.25)	Approved by: Kevin Driskell on 03/16/2015, Replace 239' 2" PCS (WO's 641565 & 666418) and 502' 2" PBS (WO J0138) with 715' 2" PE due to low reads. Project Location: West Ave between Mill St & Egan St. System: C-1, MOP: 39.5 PSIG, MAOP: 39.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$48.54.	393.1009 (5) (a) (b)	A,B,C
	007862 Total					(111.25)			
376300-Mains - Plastic	007864	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	14,593.09	Approved by: Joe Hampton on 03/13/2015, ISRS. Replace and abandon a total of 2089' of 4" CI, 539' of 6" CI, 3942' of 3" BS, 325' of 4" BS and 15' of 2" BS in Sector 0306 with 4325' of 2" PE 2690' of 4" PE and 1325' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 9 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 148 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	007864 Total					14,593.09			
376300-Mains - Plastic	007865	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(99.26)	Approved by: Michael Fornelli on 03/16/2015, Replace 395' 2" PBS (WO J010B) with 395' 2" PE due to low reads. Project Location: Commercial St NE of Washington St. System: S-1, MOP: 20 PSIG, MAOP: 20 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$48.00.	393.1009 (5) (a) (b)	A,B,C
	007865 Total					(99.26)			
376300-Mains - Plastic	007866	Replace bare steel main - safety re	Addition	ISRS-Other	201509	214.50	Approved by: Gary Williams on 03/13/2015, Replace 560' of 4"BS with 4"PE main due to down project.	393.1009 (5) (a) (b)	A,B,C
	007866 Total					214.50			
376200-Mains - Cast Iron	007901	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(93,114.83)	Approved by: Joe Hampton on 03/18/2015, AOR (8' to 14' SSCB of 34th st) - due 5/20/2015. Replace 571' OF 6" CI and 163' of 4" CI with 585' of 6" PE and 70' of 4" PE. Pressure System C-001. 3441 Main st. is a replacement service.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007901	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	92,720.58	Approved by: Joe Hampton on 03/18/2015, AOR (8' to 14' SSCB of 34th st) - due 5/20/2015. Replace 571' OF 6" CI and 163' of 4" CI with 585' of 6" PE and 70' of 4" PE. Pressure System C-001. 3441 Main st. is a replacement service.	393.1009 (5) (a) (b)	A,B,C
	007901 Total					(394.25)			
376300-Mains - Plastic	007902	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(283.64)	Approved by: Joe Hampton on 03/18/2015, Replace 1601' of 2" PBS - 614' of 4" PBS - 222' of PCS with 2935' of 2" PE. Proposed 2" PE will be tied in to system C-250KCLS. PBS/PCS to be abandoned is currently in system C-001. All regulators will need to be changed out for the services. Existing rear services will need a new service from the proposed main on 7th and 8th street. 12823 7th Street is a replacement service. Coordinate with engineering prior to construction. District Regulator Station 11 will be retired on WO 15-5167. ISRS	393.1009 (5) (a) (b)	A,B,C
	007902 Total					(283.64)			
376300-Mains - Plastic	007904	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(247.85)	Approved by: Joe Hampton on 03/18/2015, Replace 1396ft of 4"BS main and 5ft of CS main with PE main due to down project.	393.1009 (5) (a) (b)	A,B,C
	007904 Total					(247.85)			
376300-Mains - Plastic	007906	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	525,843.25	Approved by: Joe Hampton on 03/18/2015, Main Replacement project: Replace and abandon existing mains on C-007 pressure system with 3,243ft - 6" of PE, 15' 4in of PE, and 12,692' 2in of PE on C-007 pressure system between Shrank Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-overs. Summary of main to abandon (see pipe tab for details): 583' - 2" PCS, 1,746' - 4" PCS, 2,278' 2in PBS, 7,447' 4in PBS, 3,124' 6in PBS, and 177' 4in PE - . Price per ft = \$34.02. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007906	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	42,123.84	Approved by: Joe Hampton on 03/18/2015, Main Replacement project: Replace and abandon existing mains on C-007 pressure system with 3,243ft - 6" of PE, 15' 4in of PE, and 12,692' 2in of PE on C-007 pressure system between Shrank Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-overs. Summary of main to abandon (see pipe tab for details): 583' - 2" PCS, 1,746' - 4" PCS, 2,278' 2in PBS, 7,447' 4in PBS, 3,124' 6in PBS, and 177' 4in PE - . Price per ft = \$34.02. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	007906 Total					567,967.09			

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376300-Mains - Plastic	007910	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	111,335.89	Approved by: Joe Hampton on 03/18/2015, Replace 450' 3" PBS (WO None), 1073' 4" PBS (WO None), 106' 4" PCS (WO B1222), and 11' 4" PE (WO 931721) with 1520' 4" PE due to 1 active leak (13-111) & 8 repaired leaks. Project Location: Jackson Ave between 5th St & 7th St, 6th St between Connor Ave & Sergeant Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$53.19.	393.1009 (5) (a) (b)	A,B,C
	007910 Total					111,335.89			
376300-Mains - Plastic	007926	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	5,173.17	Approved by: Kevin Driskell on 03/23/2015, Replace and abandon 600' - 2" PBS main (Work Order Unknown) and 200' - 2" PBS main (Work Order 50402) by installing 800' - 2" pe main to clear a #3 leak. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	007926 Total					5,173.17			
376100-Mains - Steel	007938	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(472.74)	Approved by: Joe Hampton on 03/26/2015, Replace and abandon 1,100' - 10" pbs main (WO M2X158) by installing 1,150' - 10" pcs main due to a class 3 leak. (ISRS) Project is in the approved budget to replace 1,200' for a total cost of \$240,000. Estimated footage was pared back to allow North Region to relocate their rectifier that protects this main heading West.		
376100-Mains - Steel	007938	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(14.17)	Approved by: Joe Hampton on 03/26/2015, Replace and abandon 1,100' - 10" pbs main (WO M2X158) by installing 1,150' - 10" pcs main due to a class 3 leak. (ISRS) Project is in the approved budget to replace 1,200' for a total cost of \$240,000. Estimated footage was pared back to allow North Region to relocate their rectifier that protects this main heading West.	393.1009 (5) (a) (b)	A,B,C
	007938 Total					(486.91)			
376300-Mains - Plastic	007961	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(5.12)	Approved by: Ray Wilson on 03/27/2015, Replace 180' of 3" PBS main with 180' of 4" PE due to leakage and install 1- new remote outlet valve at District Regulator Station 9. ISRS	393.1009 (5) (a) (b)	A,B,C
	007961 Total					(5.12)			
376300-Mains - Plastic	008129	Replace steel & plastic main	Addition	ISRS-Other	201512	228.70	Approved by: Michael Fornelli on 03/31/2015, Replace 1' 2" PE (WO 095446) & 204' 2" PCS (WO 716190) with 205' 2" PE due to isolated steel while cleaning up 20 year SLRP's. Project Location: 7th St W of Travis Acres Ln. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$43.49.	393.1009 (5) (a) (b)	A,B,C
	008129 Total					228.70			
376300-Mains - Plastic	008141	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201509	(108.89)	Approved by: Michael Fornelli on 04/08/2015, Abandon 204' - 2" PBS (WO#s: NONE, 40099) and 83' - 2" PCS (WO#s: 67-6825) and replace with 500' of 6" PBS. New main will be on the C-1, 58 psig pressure system instead of old C-2, 1.5 psig pressure system. There is one repaired leak on this stretch of main. Project Location: 3rd and High; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$71.86/ft	393.1009 (5) (a) (b)	A,B,C
	008141 Total					(108.89)			
376300-Mains - Plastic	008205	Replace bare steel main - safety re	Addition	ISRS-Other	201511	18,830.25	Approved by: Gary Williams on 04/16/2015, Replace 203' of 2" PBS with 2" PE due to down project.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008205	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,360.80	Approved by: Gary Williams on 04/16/2015, Replace 203' of 2" PBS with 2" PE due to down project.	393.1009 (5) (a) (b)	A,B,C
	008205 Total					20,191.05			
376300-Mains - Plastic	008212	Replace steel & plastic main	Addition	ISRS-Other	201512	47,010.27	Approved by: Michael Fornelli on 04/14/2015, Replace 691' of 3" PCS (WO's 774152 & 770276) with 700' 4" PE due to CP issues (CP #14-0159). Project Location: Duquesne Rd S of Newman Rd. System: C-100. MOP: 30 PSIG. MAOP: 30 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$47.72.	393.1009 (5) (a) (b)	A,B,C
	008212 Total					47,010.27			
382000 Meter Installations-MGE	008214	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201509	1,692.13	Approved by: Kevin Driskell on 04/17/2015, 20 Year SLRP at First Assembly of God - 425 SW Ordham Pkwy (meter #08826251, installed on WO# 89-8356, premise #371702). Rebuild a 3M rotary meter set at the building. Total connected load = 3,000 cfm.	393.1009 (5) (a) (b)	A,B,C
	008214 Total					1,692.13			
376100-Mains - Steel	008238	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	310,628.02	Approved by: Joe Hampton on 04/21/2015, Replace and abandon 3,080' - 8" bare steel main. A portion of this 90 psig feeder main is exposed at a creek crossing. Evaluation of the exposed main discovered corrosion which recommends replacing the creek crossing rather than spending any O&M. Replacement of the 3,080' section will allow tying in to 1974 vintage coated steel main on both ends. Price/Ft = \$117.79 (ISRS)		
376100-Mains - Steel	008238	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(1,144.54)	Approved by: Joe Hampton on 04/21/2015, Replace and abandon 3,080' - 8" bare steel main. A portion of this 90 psig feeder main is exposed at a creek crossing. Evaluation of the exposed main discovered corrosion which recommends replacing the creek crossing rather than spending any O&M. Replacement of the 3,080' section will allow tying in to 1974 vintage coated steel main on both ends. Price/Ft = \$117.79 (ISRS)	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008238	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	454.21	Approved by: Joe Hampton on 04/21/2015, Replace and abandon 3,080' - 8" bare steel main. A portion of this 90 psig feeder main is exposed at a creek crossing. Evaluation of the exposed main discovered corrosion which recommends replacing the creek crossing rather than spending any O&M. Replacement of the 3,080' section will allow tying in to 1974 vintage coated steel main on both ends. Price/Ft = \$117.79 (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008238 Total					309,937.69			
378000-Meas & Reg Station Equipment	008241	Station rebuild & replacement	Addition	ISRS-Other	201509	(52.85)	Approved by: Gary Williams on 04/23/2015, Rebuild DRS #384 new DRS #761. Inlet system C-055 90psig. Outlet system C-006 35 psig. Main WO # 14-3521.Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-57S 4" Regulators.	393.1009 (5) (a) (b)	A,B
	008241 Total					(52.85)			

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378000-Meas & Reg Station Equipment	008243	Station rebuild & replacement	Addition	ISRS-Other	201509	(8.50)	Approved by: Gary Williams on 04/23/2015. Rebuild DRS #384 new DRS #761. Inlet system C-055 90psig. Outlet system C-006 35 psig. Main WO # 14-3521.Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-57S 4" Regulators.	393.1009 (5) (a) (b)	A,B
	008243 Total					(8.50)			
382000 Meter Installations-MGE	008244	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	1,355.89	Approved by: Kevin Driskell on 04/22/2015. 20 Year SLRP at Price Chopper - 1305 NW State Route 7 (meter #01022669, installed on WO# 89-9481, premise #1179095). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 cfh.		
382000 Meter Installations-MGE	008244	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(55.36)	Approved by: Kevin Driskell on 04/22/2015. 20 Year SLRP at Price Chopper - 1305 NW State Route 7 (meter #01022669, installed on WO# 89-9481, premise #1179095). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 cfh.		
382000 Meter Installations-MGE	008244	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	3.92	Approved by: Kevin Driskell on 04/23/2015. 20 Year SLRP at Price Chopper - 1305 NW State Route 7 (meter #01022669, installed on WO# 89-9481, premise #1179095). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 cfh.	393.1009 (5) (a) (b)	A,B,C
	008244 Total					1,304.45			
382000 Meter Installations-MGE	008245	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	1,793.78	Approved by: Kevin Driskell on 04/23/2015. 20 Year SLRP at Midwest Inn - 1110 NW State Route 7 (meter #08265865, installed on WO# 84-0576, premise #332822). Rebuild a 7M rotary meter set at the building.		
382000 Meter Installations-MGE	008245	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(142.36)	Approved by: Kevin Driskell on 04/23/2015. 20 Year SLRP at Midwest Inn - 1110 NW State Route 7 (meter #08265865, installed on WO# 84-0576, premise #332822). Rebuild a 7M rotary meter set at the building.		
382000 Meter Installations-MGE	008245	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	(24.24)	Approved by: Kevin Driskell on 04/23/2015. 20 Year SLRP at Midwest Inn - 1110 NW State Route 7 (meter #08265865, installed on WO# 84-0576, premise #332822). Rebuild a 7M rotary meter set at the building.	393.1009 (5) (a) (b)	A,B,C
	008245 Total					1,627.18			
376300-Mains - Plastic	008247	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	566.84	Approved by: Joe Hampton on 04/24/2015. ISRS Replace 647' of 6" cast iron and 296' of 4" cast iron with 45' of 4" PE and 905' of 2" PE due to cast iron breaks and graphitization. New main to be tied into System C-175KCLS MOP= 50PSIG MAOP= 58PSIG. Cast iron main to be abandoned on C-001 System MOP= 1.10PSIG MAOP= 2.20PSIG. Tie over services - 9. There are 4 service line replacements, to be charged to blanket work order. 3606 E 58th Street, 5728 Askew, 5732 Askew and 5800 Askew. Service regulators will need to be changed.		
376300-Mains - Plastic	008247	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(1,681.85)	Approved by: Joe Hampton on 04/24/2015. ISRS Replace 647' of 6" cast iron and 296' of 4" cast iron with 45' of 4" PE and 905' of 2" PE due to cast iron breaks and graphitization. New main to be tied into System C-175KCLS MOP= 50PSIG MAOP= 58PSIG. Cast iron main to be abandoned on C-001 System MOP= 1.10PSIG MAOP= 2.20PSIG. Tie over services - 9. There are 4 service line replacements, to be charged to blanket work order. 3606 E 58th Street, 5728 Askew, 5732 Askew and 5800 Askew. Service regulators will need to be changed.	393.1009 (5) (a) (b)	A,B,C
	008247 Total					(1,115.01)			
376300-Mains - Plastic	008274	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(56.19)	Approved by: Gary Williams on 04/27/2015. ISRS Replace 50' of 6" CI due to AOR. Due 7/9/2015. Pressure system C-001. Coordinate tie-in procedures with engineering. 5317 and 5322 Charlotte are both replacement services.		
376300-Mains - Plastic	008274	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(19.72)	Approved by: Gary Williams on 04/27/2015. ISRS Replace 50' of 6" CI due to AOR. Due 7/9/2015. Pressure system C-001. Coordinate tie-in procedures with engineering. 5317 and 5322 Charlotte are both replacement services.	393.1009 (5) (a) (b)	A,B,C
	008274 Total					(75.91)			
376300-Mains - Plastic	008360	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	1,253,007.12	Approved by: Joe Hampton on 05/07/2015. ISRS. Replace and abandon a total of 794' of PBS, 14,567' of Cast Iron, and 725' of PE in Sector 0306 with 9,400' of 2" PE and 5,071' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 21 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 190 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	008360	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(2,259.41)	Approved by: Joe Hampton on 05/07/2015. ISRS. Replace and abandon a total of 794' of PBS, 14,567' of Cast Iron, and 725' of PE in Sector 0306 with 9,400' of 2" PE and 5,071' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 21 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 190 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		

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376300-Mains - Plastic	008360	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(614.53)	Approved by: Joe Hampton on 05/07/2015, ISRS. Replace and abandon a total of 794' of PBS, 14,567' of Cast Iron, and 725' of PE in Sector 0306 with 9,400' of 2" PE and 5,071' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 21 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 190 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	008360 Total					1,250,133.18			
376300-Mains - Plastic	008361	Replace steel & plastic main	Addition	ISRS-Other	201512	405.07	Approved by: Gary Williams on 05/06/2015, Relocate 294' of existing 4" PE main with 144' of 2" PE at the intersection of NW 74th Street and NW Mace. The existing 4" PE was laid outside the existing 15' U/E interfering with the private landowner necessitating the relocation and replacement. This replacement includes one tie-over service. Pressure System: S-694; Division 12 Town 51 Sector 7305 MAOP: 58 psig, MOP: 50 psig, TEST PRESSURE: 100 psig.	393.1009 (5) (a) (b)	A,B,C
	008361 Total					405.07			
376100-Mains - Steel	008365	Replace steel & plastic main	Addition	ISRS-Other	201509	(11.02)	Approved by: Gary Williams on 05/06/2015, Abandon 1' of 3" PCS and 1-3' valve due to leak, replace 3" of 3" PCS no replacement on valve.	393.1009 (5) (a) (b)	A,B,C
	008365 Total					(11.02)			
376300-Mains - Plastic	008366	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(1,080.31)	Approved by: Joe Hampton on 05/07/2015, ISRS Replace 8" PBS with 942' of 8" PE. Pressure system C-049. Proposed 8" PE needs to be laid in 20' gas easement. Coordinate with engineering to have the easement staked prior to construction.	393.1009 (5) (a) (b)	A,B,C
	008366 Total					(1,080.31)			
376300-Mains - Plastic	008389	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	914,041.10	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 415' of PBS, 12,570' of CI, and 373' of PCS in Sector 0306 with 12,190' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 30 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 199 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	008389	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(176.93)	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 415' of PBS, 12,570' of CI, and 373' of PCS in Sector 0306 with 12,190' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 30 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 199 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	008389	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	9,209.37	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 415' of PBS, 12,570' of CI, and 373' of PCS in Sector 0306 with 12,190' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 30 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 199 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	008389 Total					923,073.54			
376300-Mains - Plastic	008390	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201509	3,090.33	Approved by: Joe Hampton on 05/11/2015, 5/5/3. Replace 8" CI from 3007 Wayne st. to 3035 Wayne st. due to multiple leaks. Pressure system C-001.		
376300-Mains - Plastic	008390	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201510	2,072.62	Approved by: Joe Hampton on 05/11/2015, 5/5/3. Replace 8" CI from 3007 Wayne st. to 3035 Wayne st. due to multiple leaks. Pressure system C-001.		
376300-Mains - Plastic	008390	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201511	213.86	Approved by: Joe Hampton on 05/11/2015, 5/5/3. Replace 8" CI from 3007 Wayne st. to 3035 Wayne st. due to multiple leaks. Pressure system C-001.		
376300-Mains - Plastic	008390	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201512	(56.25)	Approved by: Joe Hampton on 05/11/2015, 5/5/3. Replace 8" CI from 3007 Wayne st. to 3035 Wayne st. due to multiple leaks. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C,I
	008390 Total					5,320.56			
376100-Mains - Steel	008391	Replace steel & plastic main	Addition	ISRS-Other	201509	(7.75)	Approved by: Gary Williams on 05/11/2015, Replace 4' of 2" PCS with 8' of 2" PCS due to leak. Pressure system C-200KCLS.	393.1009 (5) (a) (b)	A,B,C
	008391 Total					(7.75)			
376100-Mains - Steel	008392	Replace steel & plastic main	Addition	ISRS-Other	201509	(6.38)	Approved by: Gary Williams on 05/11/2015, Replace 9' of 2" PCS with 14' of 2" PCS due to leak. Pressure system C-022.		
376100-Mains - Steel	008392	Replace steel & plastic main	Addition	ISRS-Other	201510	(0.01)	Approved by: Gary Williams on 05/11/2015, Replace 9' of 2" PCS with 14' of 2" PCS due to leak. Pressure system C-022.		

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	008392 Total					(6.39)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008393	Replace steel & plastic main	Addition	ISRS-Other	201509	(3.70)	Approved by: Gary Williams on 05/11/2015, Replaced 5' of 3" PCS and removed a valve due to leak. Installed 5' of 3" PCS. Pressure system C-026. Valve not replaced.		
376100-Mains - Steel	008393	Replace steel & plastic main	Addition	ISRS-Other	201511	851.17	Approved by: Gary Williams on 05/11/2015, Replaced 5' of 3" PCS and removed a valve due to leak. Installed 5' of 3" PCS. Pressure system C-026. Valve not replaced.		
376100-Mains - Steel	008393	Replace steel & plastic main	Addition	ISRS-Other	201512	(22.36)	Approved by: Gary Williams on 05/11/2015, Replaced 5' of 3" PCS and removed a valve due to leak. Installed 5' of 3" PCS. Pressure system C-026. Valve not replaced.		
	008393 Total					825.11		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008394	Replace steel & plastic main	Addition	ISRS-Other	201509	(32.24)	Approved by: Gary Williams on 05/11/2015, Replace 6' of 2" PCS due to leak. Install 6' of 2" PCS. Pressure system C-006.		
	008394 Total					(32.24)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008395	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	1,023,509.94	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 11,902' of CI, 1,204' of PBS and 238' of PCS in Sector 0306 with 11,970' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 42 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 175 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	008395	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(110,737.80)	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 11,902' of CI, 1,204' of PBS and 238' of PCS in Sector 0306 with 11,970' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 42 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 175 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
	008395 Total					912,772.14		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008398	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(22.57)	Approved by: Michael Fornelli on 05/04/2015, Replace 6' of 2" PCS (WO#: A9284) with 9' - 2" Thirflim due to leaking valve. Project Location: Mockingbird and River; Pressure System: S-31; MOP: 90 psig; MAOP: 90 psig; Design: 90 psig; Test: 135 psig;		
	008398 Total					(22.57)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008399	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(36.25)	Approved by: Gary Williams on 05/11/2015, Replaced 16' of 4" PBS with PE due to third party damage. Pressure system C-001.		
	008399 Total					(36.25)		393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008400	Replace steel & plastic main	Addition	ISRS-Other	201509	(32.66)	Approved by: Gary Williams on 05/11/2015, Replace 2" valve. Pressure system C-039 135psig.		
	008400 Total					(32.66)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008533	Replace bare steel main - safety re	Addition	ISRS-Other	201509	20,308.01	Approved by: Gary Williams on 05/20/2015, Replace 305' of 2"b/s with 2"PE and 128' of 4"b/s with 4"PE due to down project.		
376300-Mains - Plastic	008533	Replace bare steel main - safety re	Addition	ISRS-Other	201510	1,829.70	Approved by: Gary Williams on 05/20/2015, Replace 305' of 2"b/s with 2"PE and 128' of 4"b/s with 4"PE due to down project.		
376300-Mains - Plastic	008533	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(1,117.00)	Approved by: Gary Williams on 05/20/2015, Replace 305' of 2"b/s with 2"PE and 128' of 4"b/s with 4"PE due to down project.		
376300-Mains - Plastic	008533	Replace bare steel main - safety re	Addition	ISRS-Other	201512	21.05	Approved by: Gary Williams on 05/20/2015, Replace 305' of 2"b/s with 2"PE and 128' of 4"b/s with 4"PE due to down project.		
	008533 Total					21,041.76		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008537	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(571.37)	Approved by: Joe Hampton on 05/21/2015, Replace 2069' of CI with 1235' of 4" PE. There is an AOR at 900 E.21st Street due 08/20/2015. Some of the main being killed out will not need to be replaced because of not having any services in the area. Pressure system C-001.		
376300-Mains - Plastic	008537	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	1,080.43	Approved by: Joe Hampton on 05/21/2015, Replace 2069' of CI with 1235' of 4" PE. There is an AOR at 900 E.21st Street due 08/20/2015. Some of the main being killed out will not need to be replaced because of not having any services in the area. Pressure system C-001.		
376300-Mains - Plastic	008537	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(32.90)	Approved by: Joe Hampton on 05/21/2015, Replace 2069' of CI with 1235' of 4" PE. There is an AOR at 900 E.21st Street due 08/20/2015. Some of the main being killed out will not need to be replaced because of not having any services in the area. Pressure system C-001.		
	008537 Total					476.16		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008541	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	1,620.33	Approved by: Joe Hampton on 05/20/2015, Replace 1400' of 6" CI due to AOR. On 01/26/15 and excavation was performed and exposed 120'-125' of CI prompting a need to replace this segment of pipe. In an effort to remove CI from the system additional replacement S of 32nd ST is needed for a tie-in to PE. Pressure System: C-001 MAOP: 2.2 psig MOP: 1.1 psig NOTE: 24" Intermediate Pressure System: C175 KL parallels the proposed replacement segment. Verify crews have located and determined the proper line.		

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376300-Mains - Plastic	008541	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	65.99	Approved by: Joe Hampton on 05/20/2015, Replace 1400' of 6" CI due to AOR. On 01/26/15 and excavation was performed and exposed 120'-125' of CI prompting a need to replace this segment of pipe. In an effort to remove CI from the system additional replacement S of 32nd ST is needed for a tie-in to PE. Pressure System: C-001 MAOP: 2.2 psig MOP: 1.1 psig NOTE: 24" Intermediate Pressure System: C175 KL parallels the proposed replacement segment. Verify crews have located and determined the proper line.	393.1009 (5) (a) (b)	A,B,C
	008541 Total					1,686.32			
376300-Mains - Plastic	008543	Replace bare steel main - safety re	Addition	ISRS-Other	201510	23,262.29	Approved by: Michael Fornelli on 05/20/2015, Replace 310' 3" PBS (WO None), 305' 2" PBS (WO 47622), & 130' 1 1/4" PE (WO 791267) with 590' 2" PE due to 3 repaired leaks and 1 active leak (11-0028). Project Location: Daugherty St W of Walker Ave. System: C-2, MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$35.01.		
376300-Mains - Plastic	008543	Replace bare steel main - safety re	Addition	ISRS-Other	201511	1,110.92	Approved by: Michael Fornelli on 05/20/2015, Replace 310' 3" PBS (WO None), 305' 2" PBS (WO 47622), & 130' 1 1/4" PE (WO 791267) with 590' 2" PE due to 3 repaired leaks and 1 active leak (11-0028). Project Location: Daugherty St W of Walker Ave. System: C-2, MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$35.01.		
376300-Mains - Plastic	008543	Replace bare steel main - safety re	Addition	ISRS-Other	201512	(39.05)	Approved by: Michael Fornelli on 05/20/2015, Replace 310' 3" PBS (WO None), 305' 2" PBS (WO 47622), & 130' 1 1/4" PE (WO 791267) with 590' 2" PE due to 3 repaired leaks and 1 active leak (11-0028). Project Location: Daugherty St W of Walker Ave. System: C-2, MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$35.01.	393.1009 (5) (a) (b)	A,B,C
	008543 Total					24,334.16			
376300-Mains - Plastic	008546	Replace bare steel main - safety re	Addition	ISRS-Other	201510	155,647.63	Approved by: Joe Hampton on 05/19/2015, Replace 1784' 4" PBS (WO's 15926, 57532, 3754A, & 614579), 31' 4" PCS (WO 655226), 390' 2" PCS (WO's 614512 & 780659), & 488' 2" PE (WO 781066) with 1860' 4" PE & 50' 4" PCS due to 1 active leak (13-074) & 5 repaired leaks. Project Location: Illinois Ave between 11th St & 15th St. System: C-1, MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$59.10.		
376300-Mains - Plastic	008546	Replace bare steel main - safety re	Addition	ISRS-Other	201511	675.11	Approved by: Joe Hampton on 05/19/2015, Replace 1784' 4" PBS (WO's 15926, 57532, 3754A, & 614579), 31' 4" PCS (WO 655226), 390' 2" PCS (WO's 614512 & 780659), & 488' 2" PE (WO 781066) with 1860' 4" PE & 50' 4" PCS due to 1 active leak (13-074) & 5 repaired leaks. Project Location: Illinois Ave between 11th St & 15th St. System: C-1, MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$59.10.		
376300-Mains - Plastic	008546	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,214.31	Approved by: Joe Hampton on 05/19/2015, Replace 1784' 4" PBS (WO's 15926, 57532, 3754A, & 614579), 31' 4" PCS (WO 655226), 390' 2" PCS (WO's 614512 & 780659), & 488' 2" PE (WO 781066) with 1860' 4" PE & 50' 4" PCS due to 1 active leak (13-074) & 5 repaired leaks. Project Location: Illinois Ave between 11th St & 15th St. System: C-1, MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$59.10.	393.1009 (5) (a) (b)	A,B,C
	008546 Total					157,537.05			
376300-Mains - Plastic	008548	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(273.76)	Approved by: Gary Williams on 05/20/2015, Replace approximately 50' of 8" CI with 8" PCS due to AOR. This replacement is due 08/09/2015. Pressure system C-001.		
376300-Mains - Plastic	008548	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	166.38	Approved by: Gary Williams on 05/20/2015, Replace approximately 50' of 8" CI with 8" PCS due to AOR. This replacement is due 08/09/2015. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
	008548 Total					(107.38)			
376300-Mains - Plastic	008549	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	204,951.25	Approved by: Joe Hampton on 05/19/2015, Main Replacement project: Replace and abandon existing mains on C-200 KCLS pressure system with 3,590' - 2" of PE on 79th St, Hunter Ave, Tennessee Ave, and Manning Ave. 48 tie-overs. Summary of main to abandon (see pipe tab for details): 1,085' - 2" PBS, 1,561' - 3" PBS, 266' of 2" PCS, and 239' of 3" PCS. Price per ft = \$31.66. (ISRS)		
376300-Mains - Plastic	008549	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	15,728.26	Approved by: Joe Hampton on 05/19/2015, Main Replacement project: Replace and abandon existing mains on C-200 KCLS pressure system with 3,590' - 2" of PE on 79th St, Hunter Ave, Tennessee Ave, and Manning Ave. 48 tie-overs. Summary of main to abandon (see pipe tab for details): 1,085' - 2" PBS, 1,561' - 3" PBS, 266' of 2" PCS, and 239' of 3" PCS. Price per ft = \$31.66. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008549 Total					220,679.51			
376300-Mains - Plastic	008633	Replace bare steel main - safety re	Addition	ISRS-Other	201509	2,383.79	Approved by: Michael Fornelli on 05/28/2015, Replace 308' of 2" PBS with 2" PE due to leaks and corrosion found on system. Pressure System: C-0001 MAOP: 42 psig MOP: 42 psig Design: 66 psig Test: 100 psig ISRS	393.1009 (5) (a) (b)	A,B,C
	008633 Total					2,383.79			
376300-Mains - Plastic	008635	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	326,099.15	Approved by: Joe Hampton on 05/19/2015, ISRS, Replace and abandon a total of 10,126' of Cast Iron in Sector 0306 with 6715' of 2" PE and 2590' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 28 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 88 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	008635	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	195,269.68	Approved by: Joe Hampton on 05/19/2015. ISRS. Replace and abandon a total of 10,126' of Cast Iron in Sector 0306 with 6715' of 2" PE and 2590' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 28 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 88 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	008635 Total					521,368.83			
376300-Mains - Plastic	008636	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	233,198.40	Approved by: Joe Hampton on 05/28/2015. Replace and Abandon 40" 2" PBS (N/A), 140" 2" PBS (S-79), 168" 2" PBS (S-90), 75" 2" PBS (11513), 822" 2" PBS (A1115), 326" 2" PBS (12463), 134" 2" PBS (28360), 172" 2" PBS (11196), 1881" 6" PBS (4034), 765" 2" PBS (A1117), 198" 2" PBS (28113), 158" 2" PBS (664397), and 252" 2" PCS (700031). Main currently runs on 4th Ave, 5th Ave, 17th St, 15th St and 12th St.		
376300-Mains - Plastic	008636	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	(25.83)	Approved by: Joe Hampton on 05/28/2015. Replace and Abandon 40" 2" PBS (N/A), 140" 2" PBS (S-79), 168" 2" PBS (S-90), 75" 2" PBS (11513), 822" 2" PBS (A1115), 326" 2" PBS (12463), 134" 2" PBS (28360), 172" 2" PBS (11196), 1881" 6" PBS (4034), 765" 2" PBS (A1117), 198" 2" PBS (28113), 158" 2" PBS (664397), and 252" 2" PCS (700031). Main currently runs on 4th Ave, 5th Ave, 17th St, 15th St and 12th St.		
376300-Mains - Plastic	008636	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	901.12	Approved by: Joe Hampton on 05/28/2015. Replace and Abandon 40" 2" PBS (N/A), 140" 2" PBS (S-79), 168" 2" PBS (S-90), 75" 2" PBS (11513), 822" 2" PBS (A1115), 326" 2" PBS (12463), 134" 2" PBS (28360), 172" 2" PBS (11196), 1881" 6" PBS (4034), 765" 2" PBS (A1117), 198" 2" PBS (28113), 158" 2" PBS (664397), and 252" 2" PCS (700031). Main currently runs on 4th Ave, 5th Ave, 17th St, 15th St and 12th St.	393.1009 (5) (a) (b)	A,B,C
	008636 Total					234,073.69			
376100-Mains - Steel	008675	Replace steel & plastic main	Addition	ISRS-Other	201509	(3.61)	Approved by: Kevin Driskell on 06/01/2015. This work order is necessary to replace leaking bolted dresser coupling.		
376100-Mains - Steel	008675	Replace steel & plastic main	Addition	ISRS-Other	201510	(0.47)	Abandon 3' of 4" PCS. Install 3' of 4" PCS. Direct tie-in. Approved by: Kevin Driskell on 06/01/2015. This work order is necessary to replace leaking bolted dresser coupling.		
	008675 Total					(4.08)	Abandon 3' of 4" PCS. Install 3' of 4" PCS. Direct tie-in.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008682	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	159,570.86	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008682	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	(4,475.49)	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008682 Total					155,095.37			
376300-Mains - Plastic	008731	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,319.34)	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008731	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	98.24	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008731 Total					(1,221.10)			
376300-Mains - Plastic	008740	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(2,390.49)	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008740	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	65.87	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008740 Total					(2,324.62)			
382000 Meter Installations-MGE	008797	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	1,279.42	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
382000 Meter Installations-MGE	008797	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(142.36)	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
382000 Meter Installations-MGE	008797	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	(24.24)	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008797 Total					1,112.82			
382000 Meter Installations-MGE	008798	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201509	2,760.97	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	008798 Total					2,760.97		393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008799	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	3,309.62	Approved by: Joe Hampton on 06/01/2015. Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		

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382000 Meter Installations-MGE	008799	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201511	(482.22)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
382000 Meter Installations-MGE	008799	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	(36.96)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	008799 Total					2,790.44		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201509	58,630.49	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201510	219.23	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201511	(1,853.50)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201512	127.00	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	008890 Total					57,123.22		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009133	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	8,429.30	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009133	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	12.96	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009133 Total					8,442.26		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009136	Replace bare steel main - safety re	Addition	ISRS-Other	201511	22,925.12	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009136	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,097.49	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009136 Total					24,022.61		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009227	Main Replacement - ISRS (S)	Addition	ISRS-Other	201510	46,359.87	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009227	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	10,325.44	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009227	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	(440.22)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009227 Total					56,245.09		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009236	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	170,786.37	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009236 Total					170,786.37		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009239	Replace bare steel main - safety re	Addition	ISRS-Other	201511	22,355.08	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009239	Replace bare steel main - safety re	Addition	ISRS-Other	201512	1,085.07	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009239 Total					23,440.15		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009249	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	23,951.50	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009249	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	(448.62)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009249	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	11.11	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009249 Total					23,513.99		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009251	Main Replacement - ISRS (N)	Addition	ISRS-Other	201510	8,281.95	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009251	Main Replacement - ISRS (N)	Addition	ISRS-Other	201511	2,357.86	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009251	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(189.42)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	009251 Total					10,450.39		393.1009 (5) (a) (b)	A,B,C
376101-MGE-Mains Steel-Transmission	009253	Main Replacement - ISRS (S)	Addition	ISRS-Other	201511	767,113.59	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		

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376101-MGE-Mains Steel-Transmission	009253	Main Replacement - ISRS (S)	Addition	ISRS-Other	201512	65,637.38	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	009253 Total					832,750.97			
376300-Mains - Plastic	009274	Replace bare steel main - safety re	Addition	ISRS-Other	201510	31,814.07	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009274	Replace bare steel main - safety re	Addition	ISRS-Other	201511	25,134.18	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	009274	Replace bare steel main - safety re	Addition	ISRS-Other	201512	4,695.83	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	009274 Total					61,644.08			
376300-Mains - Plastic	800036	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	3,243.94	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
	800036 Total					3,243.94			
376300-Mains - Plastic	003807	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(9.61)	Approved by: Galen Shoemaker on 08/26/2013, Replace 442' - 48" PCS (WO#: 90-1096) and 29' - 68" PCS (WO#:90-1096) and relocate with 370' - 48" PCS (WO#: 90-1096) and 50' - 68" PCS (WO#: 90-1096) due to 20th St Trails Public Improvement Project and trolley stop being built directly over existing main. New main will be relocated to edge of proposed right-of-way. Project Location: 20th and Mississippi; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS	393.1009 (5) (C)	
	003807 Total					(9.61)			
376100-Mains - Steel	003876	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(49.41)	Approved by: Gary Williams on 10/15/2013, To relocate 625'-3in gas main due to drainage improvements by the city of Gladstone, 682'-4in PE (WO 13-2678) will be used to replace the 3in PCS. (Original work orders - 80' 66-2514 / 200' 66-4278 / 120' 66-0042 / 115' 68-6171 / 110' 66-3670).	393.1009 (5) (C)	
	003876 Total					(49.41)			
376300-Mains - Plastic	003999	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(219.61)	Approved by: Steve Holcomb on 04/19/2013, Abandon 565' - 4in PCS (WO#: 70-1834), and 1375' - 4in PE (WO#: 95-1918, 97-4877) and replace with 1965' - 4in PE due to conflict with proposed storm sewer and road widening improvements. Project Location: 19th and Maiden Ln; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$43.87/ft	393.1009 (5) (C)	
	003999 Total					(219.61)			
376100-Mains - Steel	004035	Street & highway relocates	Addition	Public Improv	201510	5,809.34	Approved by: Gary Williams on 03/03/2014, Relocate 56' of 4' PCS main and install 56' of 4' PE main due to storm sewer structure in conflict.	393.1009 (5) (C)	
376100-Mains - Steel	004035	Street & highway relocates	Addition	Public Improv	201511	489.86	Approved by: Gary Williams on 03/03/2014, Relocate 56' of 4' PCS main and install 56' of 4' PE main due to storm sewer structure in conflict.		
376100-Mains - Steel	004035	Street & highway relocates	Addition	Public Improv	201512	161.10	Approved by: Gary Williams on 03/03/2014, Relocate 56' of 4' PCS main and install 56' of 4' PE main due to storm sewer structure in conflict.	393.1009 (5) (C)	
	004035 Total					6,460.30			
376300-Mains - Plastic	004134	Street & highway relocates	Addition	Public Improv	201509	(6.60)	Approved by: Steve Holcomb on 02/18/2014, "MODOT Permit Required" Abandon 48' - 2" PBS (WO#: J013B), 1831' - 4" PBS (WO#: J013B, 52370), 59' - 2" PCS (WO#: 67-1880, 75-4141, 77-1965), 109' - 4" PCS (WO#: 75-4141), and 30' - 7/8" PE (WO#: 77-1606) and replace with 115' - 2" PE and 1895' - 4" PE due to City of Republic overlay program. Project Location: Main and Elm; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig, ISRS \$49.63/ft	393.1009 (5) (C)	
	004134 Total					(6.60)			
376100-Mains - Steel	004141	Street & highway relocates	Addition	Public Improv	201509	623.64	Approved by: Steve Lindsey on 11/26/2013, Public Improvement: Lee's Summit Road. We have a high pressure main on each side of Lee's Summit Road - 16" on the west and 8" on the east. Both are dented and in conflict with Jackson County's road improvement plans. We will replace both mains from Anderson to 40 Hwy with a single 20" main. We are purchasing the lot at 5105 LS Rd (on WO# 13-2520) in order to build new DRS 100 (on WO# 13-2618) to separate the Grain Valley lateral 12" (pressure system C-225; MOP = 125 psig, MAOP = 245 psig) from the C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We will also install underground piping with plans for a future pig receiver on this lot, as well as a bridle valve from the outlet of new DRS 100 to the new 20" main. Install 3690' - 20" thin film; 4570' - 20" thin film w/ powdercrete; 10' - 16" thin film; 386' - 12" thin film; 5' - 8" thin film; 31' - 4" thin film; and 10' - 2" thin film. Abandon: 2' - 4" PCS (WO# 00-2933); 161' - 12" PCS (WO# 61-1515); 16' - 6" PCS (WO# 61-1575); 2' - 6" PCS (WO# 67-0797); 6' - 8" PCS (WO# 67-0797); 32' - 12" PCS (WO# 67-0797); 14' - 16" PCS (WO# 67-0797); 641' - 8" PCS (WO# 77-3812); 90' - 6" PCS (WO# 84-0722); 125' - 8" PCS (WO# 84-0722); 900' - 16" PCS (WO# 84-1082); 5' - 2" PCS (WO# 85-3591); 578' - 16" PCS (WO# 87-5479); 4483' - 16" PCS (WO# A9397C); 1710' - 16" PCS (WO# A9403); 6870' - 8" PBS (WO# 64-2362, purchased in ground from Panhandle, AKA Liberty Lateral; AKA M2472). NOTE: Jackson County agreed to pay \$1,179,275 for this relocation. The 3rd and final installment of \$235,855 was rec'd 1-28-15 per WOES - AMM	393.1009 (5) (C)	
	004141 Total					623.64			

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376100-Mains - Steel	004161	Street & highway relocates - safety	Addition	Public Improv	201509	(25.09)	Approved by: Rob Hack on 01/14/2013. Replace 1007' - 3" PE (WO#s: A8083, A7967N, A8211N), 1015' - 6" PE (WO# NONE), 79' - 3" PE (WO#s: 79-1004, 82-0792), 2' - 4" PE (WO# 70-1834), 66' - 6" PE (WO# 79-0780), 1499' - 8" PE (WO#s: 63-4566, 64-5423, 67-2471, 68-5539, 82-0790, 90-5251), 257' - 2" PE (WO#s: 79-0366, 88-1553, 89-1025, 90-5297, 11-8100, 12-1250), 925' - 3" PE (WO#s: 75-0702, 84-0912, 11-8333), and 773' - 4" PE (WO#s: 89-1633, 97-4877, 04-6310, 11-7772, 11-8093, 11-8333) and replace with 241' - 2" PE, 2615' - 4" PE, and 2769' - 6" PE to avoid conflict with 26th St Road widening and storm water improvement project. This work will also clear two (2) - #3 Leaks (Leak No's. 11-0065, 08-0071). Project Location: 26th and Schifferdecker to Maiden Ln; Pressure System: C-1 & C-5; MOP: 58 psig & 20 psig; MAOP: 58 psig & 21 psig; Design: 58 psig & 58 psig; Test: 100 psig & 100 psig; \$57.20/ft	393.1009 (5) (C)	
	004161 Total					(25.09)			
376100-Mains - Steel	004179	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(0.66)	Approved by: Rob Hack on 12/07/2012. Abandon 5573' - 4in PE (WO#s: 76-4281, 84-0888, 86-1426, 87-3004, 92-6920, 99-8577) and 295' - 3in PE (WO# 90-1098) and replace with 5962' - 4in PE relocated due to road widening on Indiana and 50th. Project must be completed by 1/31/2013. Main will lay inside new 30' utility easement, 5' inside of R/W line. Project Location: 50th and Indiana; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.07/ft	393.1009 (5) (C)	
	004179 Total					(0.66)			
378000-Meas & Reg Station Equipment	004380	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	8,847.36	Approved by: Rob Hack on 08/15/2013. Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225; MOP = 125 psig; MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig; MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.	393.1009 (5) (C)	
378000-Meas & Reg Station Equipment	004380	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	3.65	Approved by: Rob Hack on 08/15/2013. Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225; MOP = 125 psig; MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig; MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.	393.1009 (5) (C)	
378000-Meas & Reg Station Equipment	004380	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201512	(0.13)	Approved by: Rob Hack on 08/15/2013. Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225; MOP = 125 psig; MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig; MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.	393.1009 (5) (C)	
	004380 Total					8,850.88			
376300-Mains - Plastic	004389	Street & highway relocates - safety	Addition	Public Improv	201509	(4.65)	Approved by: Ralph Janes on 02/24/2014. Replace and abandon 14' - 2" pbs main (29670), 121' - 2" pbs main (12313), 360' - 2" pbs main (35202) and 74' - 2" pcs main (E18785) by installing 410' - 2" pe main to allow the City to repave the street with out our needing to cut the new pavement in the future. (ISRS)	393.1009 (5) (C)	
	004389 Total					(4.65)			
376100-Mains - Steel	004394	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(0.17)	Approved by: Steve Lindsey on 03/18/2014. MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 1659' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12		

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376300-Mains - Plastic	004394	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(13.13)	Approved by: Steve Lindsey on 03/18/2014, MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 165' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12	393.1009 (5) (C)	
	004394 Total					(13.30)			
376300-Mains - Plastic	004450	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(1.48)	Approved by: Ken Thomas on 10/18/2013, Abandon 557' - 4" PBS (WO#s: 3754A, 51036), 405' - 4" PCS (WO# 74-3919), and 275' - 4" PE (WO# 89-1692) and relocate with 1250' - 4" PE and 120' - 8" PE casing due to proposed railroad overpass. Project Location: 20th and Wisconsin; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig. *Project to be completed once the City of Joplin has purchased necessary R/W.* \$47.57/ft ISRS	393.1009 (5) (C)	
	004450 Total					(1.48)			
376100-Mains - Steel	004645	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(33.63)	Approved by: Steve Lindsey on 02/26/2014, (ISRS). Relocate 12" steel, 12" CI, 10" CI, 6" CI, 4" PE, and 2" PE for public improvement project. Install 420'-8in thin film, 284'-4in PE, and 133'-2" PE. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) one week prior to start of work to schedule staking. Tie-over 4 services. SKW to GPS all intersections. Retire 36'-2in PE, WO 07-1330; 94'-4in PE, WO 05-8613; 24'-4in PCS, WO 05-8613; 130'-12in PCS, WO 94-0661; 4'-2in PE, WO 94-0661; 83'-4in PE, WO 04-7279; 31'-3in PBS, WO 57368; 100'-8in CI, WO NONE; 146'-10in CI, WO NONE; 294'-12in CI, WO 64-0088. COST PER FOOT \$360.04 Reopen per Adam H for addl paving - 6-5-15	393.1009 (5) (C)	
376300-Mains - Plastic	004645	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(0.91)	Approved by: Steve Lindsey on 02/26/2014, (ISRS). Relocate 12" steel, 12" CI, 10" CI, 6" CI, 4" PE, and 2" PE for public improvement project. Install 420'-8in thin film, 284'-4in PE, and 133'-2" PE. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) one week prior to start of work to schedule staking. Tie-over 4 services. SKW to GPS all intersections. Retire 36'-2in PE, WO 07-1330; 94'-4in PE, WO 05-8613; 24'-4in PCS, WO 05-8613; 130'-12in PCS, WO 94-0661; 4'-2in PE, WO 94-0661; 83'-4in PE, WO 04-7279; 31'-3in PBS, WO 57368; 100'-8in CI, WO NONE; 146'-10in CI, WO NONE; 294'-12in CI, WO 64-0088. COST PER FOOT \$360.04 Reopen per Adam H for addl paving - 6-5-15	393.1009 (5) (C)	
	004645 Total					(34.54)			
376100-Mains - Steel	004654	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(1,166.14)	Approved by: Steve Lindsey on 02/24/2014, (ISRS). Replace 9,743 feet in River Market area due to public improvement project. Install 2,220'-24in PCS, 872'-12in PCS, 385'-6in PCS, 747'-4in PE, 5,996'-4in PCS, 1,362'-2in PE, 332'-2in PCS. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) 1 week prior to start of work to schedule staking. Tie-over 46 services. COST PER FOOT \$163.68	393.1009 (5) (C)	
376300-Mains - Plastic	004654	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(23.19)	Approved by: Steve Lindsey on 02/24/2014, (ISRS). Replace 9,743 feet in River Market area due to public improvement project. Install 2,220'-24in PCS, 872'-12in PCS, 385'-6in PCS, 747'-4in PE, 5,996'-4in PCS, 1,362'-2in PE, 332'-2in PCS. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) 1 week prior to start of work to schedule staking. Tie-over 46 services. COST PER FOOT \$163.68	393.1009 (5) (C)	
	004654 Total					(1,189.33)			
376100-Mains - Steel	004893	Other relocates	Addition	Public Improv	201509	(3.65)	Approved by: Steve Holcomb on 04/02/2014, Unity Village is making improvements to the Colbern/Unity Way intersection, including rerouting Blue Parkway to meet the existing intersection and creating a traffic circle. There will be grade cuts up to 3.4' deep over our existing 10" main which lies in an easement, as well as storm structures in conflict. We will relocate around the roundabout and lower in the area of the storm conflicts with 565' of new 10" main. There is 250' of main between the roundabout and the storm that is not in conflict with the improvements, but will be replaced as part of this work. This is a 56% reimbursable project (315/565). Main to retire: 500' - 10" PBS (WO# 64-2362), 5M rotary meter set that serves Unity to be relocated/rebuilt on WO# 13-2731. Check 616563 rec'd 3-28-14 for \$57,068.67 per WOES.	393.1009 (5) (C)	
	004893 Total					(3.65)			
376100-Mains - Steel	005030	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(23.25)	Approved by: Ralph Janes on 04/18/2014, Public Improvement - MoDOT Project J3S3025. Install 11' of 4" PCS as a dogleg to go underneath proposed 18" storm. Existing main was potholed at 38" deep. Proposed storm is 3' to top of pipe. Dogleg to be installed at 7" depth. Main to abandon: 5' - 4" PBS (NO WO). (ISRS).		

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376100-Mains - Steel	005030	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(10.17)	Approved by: Ralph Janes on 04/18/2014, Public Improvement - MoDOT Project J3S3025. Install 11' of 4" PCS as a dogleg to go underneath proposed 18" storm. Existing main was potholed at 38" deep. Proposed storm is 3' to top of pipe. Dogleg to be installed at 7' depth. Main to abandon: 5' - 4" PBS (NO WO). (ISRS).	393.1009 (5) (C)	
	005030 Total					(33.42)			
376300-Mains - Plastic	005251	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	14.80	Approved by: Galen Shoemaker on 05/07/2014, Replace 497' of 2" PBS and 126' of 2" PCS with 625' of 2" PE due to conflict with new storm sewer. There have been 3 repaired leaks on the main to be abandoned. Project Location: Pearl St and Hwy 171. System: S-1, MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$33.66.	393.1009 (5) (C)	
	005251 Total					14.80			
376300-Mains - Plastic	005270	Street & highway relocates	Addition	Public Improv	201509	(594.57)	Approved by: Steve Holcomb on 05/09/2014, (ISRS) Relocate 4in PBS and 4in PE with 1,787ft-2in PE and 2,557ft-4in PE due to public improvement project. Work orders 13-2371 (55th and Cambridge) and 13-2374 (48th and Ararat) must be completed first to provide loop feeds before pipe can be abandoned. Lots of rock expected. Contact Chris Collins 1 week prior to start of work to schedule staking. COST PER FOOT \$51.69	393.1009 (5) (C)	
	005270 Total					(594.57)			
376300-Mains - Plastic	005331	Street & highway relocates	Addition	Public Improv	201509	(12.61)	Approved by: Gary Williams on 05/19/2014, Relocate 20ft - 2in pe main and install 30ft-2in pe main due to storm sewer structure in conflict.	393.1009 (5) (C)	
376300-Mains - Plastic	005331	Street & highway relocates	Addition	Public Improv	201510	(2.55)	Approved by: Gary Williams on 05/19/2014, Relocate 20ft - 2in pe main and install 30ft-2in pe main due to storm sewer structure in conflict.	393.1009 (5) (C)	
	005331 Total					(15.16)			
376300-Mains - Plastic	005492	Street & highway relocates	Addition	Public Improv	201509	(579.84)	Approved by: Steve Holcomb on 06/10/2014, Abandon 4886' - 2" PBS (WO#s: J013B, 3131B, 32829, 33073, 33074, 43613, 47580, 55232, 57248, 59203), 821' - 2" PCS (WO#s: 28151, 61-2197, 61-2345, 73-1738, 77-1756, 98-5873), 68' - 1.25" PE (WO#: 92-3062), and 196' - 2" PE (WO#s: 96-2101, 08-5318) and replace with 5775' - 2" PE due to City of Republic Overlay program. This work will also remove a section of back easement main and tie those services over to new main in the street and create several new loops in the C-1 pressure system. There are 12 repaired leaks on this main with zero active. Project Location: Hines St and Main St. Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$32.17/ft	393.1009 (5) (C)	
	005492 Total					(579.84)			
376300-Mains - Plastic	005515	Street & highway relocates	Addition	Public Improv	201509	(94.94)	Approved by: Gary Williams on 06/13/2014, (ISRS) Lay 325'-6in thin film for MODOT project J413005 under I-35. Main needs to be 12' deep under the highway due to cuts. No services to tie-over. Retire 325'-10in PCS, WO 67-5537, Year 1967. COST PER FOOT \$132.92	393.1009 (5) (C)	
376300-Mains - Plastic	005515	Street & highway relocates	Addition	Public Improv	201510	(71.45)	Approved by: Gary Williams on 06/13/2014, (ISRS) Lay 325'-6in thin film for MODOT project J413005 under I-35. Main needs to be 12' deep under the highway due to cuts. No services to tie-over. Retire 325'-10in PCS, WO 67-5537, Year 1967. COST PER FOOT \$132.92	393.1009 (5) (C)	
	005515 Total					(166.39)			
376300-Mains - Plastic	005516	Street & highway relocates	Addition	Public Improv	201509	(245.55)	Approved by: Steve Holcomb on 06/13/2014, (ISRS). Relocate 6in PBS and 6in PCS with 1,740'-6in PE and 75'-2in PE due to public improvement project. Tie over 11 services. Retire 7'-6in PE, WO 12-1650, Year 2012; 1372'-6in PBS, WO I3344, Year 1947; 359'-6in PCS, WO 81-4043; Year 1981; 10'-4in PE, WO 87-3108, Year 1987; 15'-2in PE, WO 04-46743, Year 2004; 50'-2in PCS, WO 64-4436, Year 1964; 45'-6in PCS, WO A9533A, Year 1958.	393.1009 (5) (C)	
	005516 Total					(245.55)			
376300-Mains - Plastic	005551	Street & highway relocates - safety	Addition	Public Improv	201509	9.87	Approved by: Steve Holcomb on 06/23/2014, Abandon 1243' - 2" PBS (WO#s: NONE, 16508, 17242), 380' - 3" PBS (WO#: NONE), and 27' - 3" PE (WO#: 84-0101) and replace with 1245' - 2" PE due to City of Joplin sidewalk project. New main will be tied to C-1, 58 psig pressure system. Services to 2733 and 2813 E 12th will be cut off and tested to 100 psig for a minimum of 15 minutes prior to tie-over. Project Location: 11th and Highview; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.19/ft	393.1009 (5) (C)	
	005551 Total					9.87			
376300-Mains - Plastic	005555	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(53.54)	Approved by: Galen Shoemaker on 06/24/2014, Abandon 290' - 2" PBS (WO#: NONE), 541' - 2" PCS (WO#s: NONE, 66-3319, 79-0557, LK940344), and 11' - 2" PE (WO#: 94-1168) and relocate with 1185' - 2" PE due to grade cuts associated with City of Joplin sidewalk project. This work order will also create new loops in the C-100 Pressure System. There are no active leaks on this project, but 7 previously repaired leaks. Project Location: Rolla and Brownell; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$42.09/ft Reopened per Cindy Peck 6-30-15 for Joplin paving charges -AMM	393.1009 (5) (C)	
	005555 Total					(53.54)			
376100-Mains - Steel	005633	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(1.88)	Approved by: Ralph Janes on 07/02/2014, Relocate and abandon 8' - 6" pcs main (work order 132741) by installing 16' - 6" pcs main to allow City to install new storm sewer structure. (ISRS)	393.1009 (5) (C)	
	005633 Total					(1.88)			
376100-Mains - Steel	005687	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(6.73)	Approved by: Kevin Driskell on 07/11/2014, ISRS Relocate main for public improvement project. Pressure System C-006. Coordinate with Engineering prior to construction.	393.1009 (5) (C)	
	005687 Total					(6.73)			

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376300-Mains - Plastic	005732	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	0.08	Approved by: Steve Holcomb on 07/14/2014. ISRS Relocate gas mains due to public improvement project. Public improvement is due to start 2nd week of July. New gas mains will be tied to intermediate pressure abandoning the low pressure currently in the area. Cut and caps at low pressure locations will be critical to ensure the new gas mains have intermediate pressure and are not connected to low pressure system in the area. Coordinate with Engineering prior to construction.	393.1009 (5) (C)	
	005732 Total					0.08			
376300-Mains - Plastic	005733	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	42.33	Approved by: Galen Shoemaker on 07/14/2014. Abandon 848' - 2" PBS (WO#s: NONE, 3759, 26765, 29320, 45855, 66-0077, 66-2012), 199' - 2" PCS (WO#s: 66-4776), and 148' - 3" PCS (WO#s: 57692) and replace with 1215' - 2" PE due to conflict with proposed sidewalk improvement. There is one active #3 Leak (Leak No. 10-0084) and 5 repaired leaks on this stretch of main. The school is wanting this project done before school starts. Project Location: 1st and McKinley; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.99/ft	393.1009 (5) (C)	
	005733 Total					42.33			
376100-Mains - Steel	005737	Street & highway relocates - safety	Addition	Public Improv	201509	(2.50)	Approved by: Steve Holcomb on 07/17/2014. "MODOT Permit Required" Abandon 189' - 1.25" PBS (WO#s: 5921), 50' - 1.25" PE (WO#s: E321123), 550' - 2" PBS (WO#s: 5934), and 431' - 2" PCS (WO#s: 65-6752, 65-6753, 86-2955) and replace with 485' - 2" PE, 725' - 4" PE and 25' - 4" Thinfilm due to storm water and sidewalk improvements. This work order will also install a remote inlet valve for DRS 13-11-C. Project Location: Pennel and Summit; Pressure System: S-1; MOP: 40 psig; MAOP: 60 psig; Design: 60 psig; Test: 100 psig; ISRS	393.1009 (5) (C)	
376300-Mains - Plastic	005737	Street & highway relocates - safety	Addition	Public Improv	201509	(20.60)	Approved by: Steve Holcomb on 07/17/2014. "MODOT Permit Required" Abandon 189' - 1.25" PBS (WO#s: 5921), 50' - 1.25" PE (WO#s: E321123), 550' - 2" PBS (WO#s: 5934), and 431' - 2" PCS (WO#s: 65-6752, 65-6753, 86-2955) and replace with 485' - 2" PE, 725' - 4" PE and 25' - 4" Thinfilm due to storm water and sidewalk improvements. This work order will also install a remote inlet valve for DRS 13-11-C. Project Location: Pennel and Summit; Pressure System: S-1; MOP: 40 psig; MAOP: 60 psig; Design: 60 psig; Test: 100 psig; ISRS	393.1009 (5) (C)	
	005737 Total					(23.10)			
376100-Mains - Steel	005772	Street & highway relocates - safety	Addition	Public Improv	201509	(71.30)	Approved by: Gary Williams on 07/23/2014. (ISRS) Replace 100'-4in PBS with 4in thin film and 2' PCS with 275'-2in PE. New 4in main needs to be 8' below existing grade due to new storm sewer. Dead end 2" PE main at 2307 NE 44th Terr. Tie over 3 services.	393.1009 (5) (C)	
376300-Mains - Plastic	005772	Street & highway relocates - safety	Addition	Public Improv	201509	(15.62)	Approved by: Gary Williams on 07/23/2014. (ISRS) Replace 100'-4in PBS with 4in thin film and 2' PCS with 275'-2in PE. New 4in main needs to be 8' below existing grade due to new storm sewer. Dead end 2" PE main at 2307 NE 44th Terr. Tie over 3 services.	393.1009 (5) (C)	
	005772 Total					(86.92)			
376300-Mains - Plastic	006075	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(104.98)	Approved by: Gary Williams on 08/19/2014. Cut and Cap 4" PE running along bridge on Isley Blvd. Bore under creek along marietta to tie 4" PE together. System C-009 20 psig MOP. MoDOT is doing work on the bridge along Isley Blvd. Construction is set to begin early 2015.	393.1009 (5) (C)	
	006075 Total					(104.98)			
376300-Mains - Plastic	006423	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	4,411.61	Approved by: Steve Holcomb on 09/10/2014. MoDOT Project J4S2029B - Improvements to BB (Main St / Buckner Tamsey) from Walnut to AA. Relocate 1,900' - 6" PE, 270' - 4" PE, 1,955' - 2" PE, and 225' - 10" thin film at KCS RR for road improvements. Main to abandon: 1977' - 6" PCS (WO# 61-1498 - original town piping); 1098' - 2" PCS (WO# 61-1500 - original town piping); 240' - 6" PCS (WO# 62-4105); 294' - 2" PCS (WO# 62-4132); 140' - 2" PCS (WO# 66-1932); 108' - 2" PE (WO# 84-3718); 40' - 2" PE (WO# 87-3529); 100' - 4" PE (WO# 91-3034); 21' - 4" PCS (WO# E319481); 11' - 6" PE (WO# 09-5395); 3' - 6" PCS and 3' - 2" PCS (WO# 12-1025). (ISRS)	393.1009 (5) (C)	
	006423 Total					4,411.61			
376300-Mains - Plastic	006431	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(472.53)	Approved by: Galen Shoemaker on 09/15/2014. Abandon 744' - 3" PCS (WO#s: 57149, 58800, 62-3215, 64-3282, 73-3480) and replace with 740' - 2" PE due to City of Joplin sidewalk project requiring main to be lowered. One block will be lowered by the company crews due to a quick turn around needed. City of Joplin had originally spotted the main and said it would be clear, but contractor doing work uncovered main and it was too shallow. Project Location: 28th and Michigan; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; 367.38ft* Due to having to work here two different times to meet schedule and weld on so many fittings* ISRS	393.1009 (5) (C)	
	006431 Total					(472.53)			
376100-Mains - Steel	006433	Street & highway relocates - safety	Addition	Public Improv	201509	(260.48)	Approved by: Gary Williams on 09/15/2014. ISRS Replace 220'-8in PBS with 8in thin film due to exposed pipe, existing retaining wall to be torn down and rebuilt. Pipe will need to be bored due to existing retaining wall. This is a high pressure main at MOP=90#.	393.1009 (5) (C)	
	006433 Total					(260.48)			
376100-Mains - Steel	006716	Street & highway relocates - safety	Addition	Public Improv	201509	(7.29)	Approved by: Steve Holcomb on 10/17/2014. Relocate and abandon 2,086' - 2" pbs main, 962' - 2" pcs main, 575' - 2" pe main, 36' - 3" pcs main, 36' - 4" pbs main and 1,273' - 4" pcs main by installing 4,110' - 2" pe main and 1,605' - 4" pe main to allow the City of Lee's Summit to rebuild the street and install new storm sewers (ISRS)		

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	006716	Street & highway relocates - safety	Addition	Public Improv	201509	(471.80)	Approved by: Steve Holcomb on 10/17/2014. Relocate and abandon 2,086' - 2" pbs main, 962' - 2" pcs main, 575' - 2" pe main, 36' - 3' pcs main, 36' - 4' pbs main and 1,273' - 4' pcs main by installing 4,110' - 2" pe main and 1,605' - 4' pe main to allow the City of Lee's Summit to rebuild the street and install new storm sewers (ISRS)		
	006716 Total					(479.09)		393.1009 (5) (C)	
376300-Mains - Plastic	006734	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(24.84)	Approved by: Galen Shoemaker on 10/23/2014. Abandon 60' - 6" PE (WO# 93-3228) due to proposed expansion of storm box culvert for City of Joplin. Work to be coordinated with contractor installing new box culvert. Project Location: "C" and Picher, Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$151.70/ft		
	006734 Total					(24.84)		393.1009 (5) (C)	
376300-Mains - Plastic	006915	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(235.50)	Approved by: Donnie Richards on 11/12/2014, (ISRS). Replace 4" PBS, 2" PBS, and 3" PCS due to public improvement project. Lay 475'-4in PE and 180'-2in PE.		
	006915 Total					(235.50)		393.1009 (5) (C)	
376300-Mains - Plastic	007171	Street & highway relocates	Addition	Public Improv	201509	(214.54)	Approved by: Galen Shoemaker on 12/03/2014. Abandon 159' - 2" PBS (WO# 4800) and 11' - 2" PCS (WO# 77-2548) and replace with 170' - 2" PE due to road improvements and existing main being too shallow. Project Location: St John and McKinney; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$36.16/ft		
	007171 Total					(214.54)		393.1009 (5) (C)	
376300-Mains - Plastic	007326	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(58.59)	Approved by: Galen Shoemaker on 12/22/2014. Abandon 120' - 3" PBS (WO# 62-4690), and 20' - 4" PE (WO# 09-5709) and replace with 135' - 4" PE due to proposed storm water improvements. Project Location: 24th and Patterson; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$81.07/ft		
	007326 Total					(58.59)		393.1009 (5) (C)	
376300-Mains - Plastic	007392	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(35.39)	Approved by: Kevin Driskell on 01/09/2015. Public Improvement - 14th and Arlington Storm Drainage Improvements - City of Independence Project 70131002. Relocate 255' of 2" PE main to abandon 250' of 2" PE (WO# 97-4566) in conflict with the proposed storm sewer. ISRS		
	007392 Total					(35.39)		393.1009 (5) (C)	
376300-Mains - Plastic	007507	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201510	133,020.82	Approved by: Steve Holcomb on 01/26/2015. Abandon 134' - 2" PCS (WO# 66-3989), 1879' - 3" PCS (WO#s: 61-0076, 63-2446, 63-3532, 65-1078, 65-3766), 438' - 4" PCS (WO#s: 65-2135, 65-3766), and 80' - 10" PE (WO# 06-8890) and replace with 1297' - 2" PE, 215' - 4" PE, and 80' - 10" PE due to storm water improvements by the City of Joplin. Existing 10" PE is inserted in 12" Ductile Iron that will need to be cut away in order to lower 10" PE, and tie over new main and services. Project Location: 26th and Michigan; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; \$76.94/ft ISRS		
376300-Mains - Plastic	007507	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201511	388.64	Approved by: Steve Holcomb on 01/26/2015. Abandon 134' - 2" PCS (WO# 66-3989), 1879' - 3" PCS (WO#s: 61-0076, 63-2446, 63-3532, 65-1078, 65-3766), 438' - 4" PCS (WO#s: 65-2135, 65-3766), and 80' - 10" PE (WO# 06-8890) and replace with 1297' - 2" PE, 215' - 4" PE, and 80' - 10" PE due to storm water improvements by the City of Joplin. Existing 10" PE is inserted in 12" Ductile Iron that will need to be cut away in order to lower 10" PE, and tie over new main and services. Project Location: 26th and Michigan; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; \$76.94/ft ISRS		
376300-Mains - Plastic	007507	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201512	1,043.11	Approved by: Steve Holcomb on 01/26/2015. Abandon 134' - 2" PCS (WO# 66-3989), 1879' - 3" PCS (WO#s: 61-0076, 63-2446, 63-3532, 65-1078, 65-3766), 438' - 4" PCS (WO#s: 65-2135, 65-3766), and 80' - 10" PE (WO# 06-8890) and replace with 1297' - 2" PE, 215' - 4" PE, and 80' - 10" PE due to storm water improvements by the City of Joplin. Existing 10" PE is inserted in 12" Ductile Iron that will need to be cut away in order to lower 10" PE, and tie over new main and services. Project Location: 26th and Michigan; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; \$76.94/ft ISRS		
	007507 Total					134,452.57		393.1009 (5) (C)	
376100-Mains - Steel	007573	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	1,833.78	Approved by: Kevin Driskell on 02/02/2015. MoDOT project J3S3040. Install two doglegs for MoDOT improvement project to Hwy 131 in Odessa. Install 5'x30'x5' 4" thin film vertical dogleg to retire 30' - 4" PCS (WO# 61-1511) and 4'x10'x4' 2" thin film vertical dogleg to retire 10' - 2" PCS (WO# 61-1513). (ISRS)		
376100-Mains - Steel	007573	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(4.19)	Approved by: Kevin Driskell on 02/02/2015. MoDOT project J3S3040. Install two doglegs for MoDOT improvement project to Hwy 131 in Odessa. Install 5'x30'x5' 4" thin film vertical dogleg to retire 30' - 4" PCS (WO# 61-1511) and 4'x10'x4' 2" thin film vertical dogleg to retire 10' - 2" PCS (WO# 61-1513). (ISRS)		
	007573 Total					1,829.59		393.1009 (5) (C)	
376300-Mains - Plastic	007574	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(224.14)	Approved by: Gary Williams on 02/03/2015. TIF Project. Relocate 4" (1420') PE for public improvement. Part of the relocation (approximately 795' of 4" PE) is in easement and we are moving to R/W (\$29,589.58). Pressure system S-659. Check for \$29859.58 rec'd 2-2-15 per WOES.		

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	007574 Total					(224.14)		393.1009 (5) (C)	
376300-Mains - Plastic	007577	Street & highway relocates - safety	Addition	Public Improv	201509	(141.42)	Approved by: Kevin Driskell on 02/05/2015, Public Improvement - Grandview will be paving 135th St between Bennington and 71 this summer. We will replace the PBS in the project area as well as along Parker south to 136th with 2" PE. Replace 1613' - 2" PBS/PCS with 1620' - 2" PE. Main to abandon: 522' - 2" PBS (unknown WO, pre-1949 vintage); 168' - 2" PBS (WO# JO7802); 703' - 2" PBS (WO# A6910B), 10' - 2" PCS (WO# 58382); and 210' - 2" PCS (WO# 72-3446). (ISRS) Price per ft = \$42.31		
376300-Mains - Plastic	007577	Street & highway relocates - safety	Addition	Public Improv	201510	(25.39)	Approved by: Kevin Driskell on 02/05/2015, Public Improvement - Grandview will be paving 135th St between Bennington and 71 this summer. We will replace the PBS in the project area as well as along Parker south to 136th with 2" PE. Replace 1613' - 2" PBS/PCS with 1620' - 2" PE. Main to abandon: 522' - 2" PBS (unknown WO, pre-1949 vintage); 168' - 2" PBS (WO# JO7802); 703' - 2" PBS (WO# A6910B), 10' - 2" PCS (WO# 58382); and 210' - 2" PCS (WO# 72-3446). (ISRS) Price per ft = \$42.31		
	007577 Total					(166.81)		393.1009 (5) (C)	
376300-Mains - Plastic	007590	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(109.73)	Approved by: Kevin Driskell on 02/02/2015, Public Improvement Project - City of Grandview proposes to replace curb/sidewalk and storm on Belmont between 137th and 139th. Relocate 1018' - 2" PBS and PCS with 1020' - 2" PE. Main to abandon: 500' - 2" PBS (WO# A1386); 170' - 2" PCS (WO# A7993B); 134' - 2" PBS (WO# 40550); 214' - 2" PCS (WO# 47138). (ISRS) Price per ft = \$38.77		
	007590 Total					(109.73)		393.1009 (5) (C)	
376300-Mains - Plastic	007599	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(117.09)	Approved by: Kevin Driskell on 02/05/2015, MoDOT Project J4P2233 - Blackwell and 50 interchange. MoDOT is building a new interchange at 50 Highway and Blackwell Road, to include four roundabouts, overpasses over the highway and new storm drainage. We must cut and cap a 4" PE main at the dead end of Shenandoah at the Summit Woods Baptist Church (abandon 10' - 4" PE WO# 02-4168) and relocate 4" PE dead end feed along Shenandoah at Blackwell. To facilitate this relocation we will install 575' of 2" PE main at Asheville and Blackwell. Relocate 360' - 4" PE and 5' - 2" PE to abandon 444' - 4" PE and 10' - 2" PE (WO# 97-4648). (ISRS)		
	007599 Total					(117.09)		393.1009 (5) (C)	
376300-Mains - Plastic	007881	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(486.37)	Approved by: Joe Hampton on 03/18/2015, Abandon 2062' - 3" PCS (WO#s: 62-1835, 66-1176, 68-2183, 79-1016), and 93' - 4" PE (WO#s: 99-8571, 00-0929) and replace with 2815' - 4" PE due to proposed storm water improvement project for the City of Joplin. Project Location: 28th and Pennsylvania; Pressure System: C-2/C-3; MOP: 1.5psig/8.00 psig; MAOP: 1.5 psig/8.50 psig; Design: 58 psig; Test: 100 psig; \$57.47/ft ISRS		
	007881 Total					(486.37)		393.1009 (5) (C)	
376300-Mains - Plastic	007927	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201510	(56.84)	Approved by: Gary Williams on 03/24/2015, ISRS Abandon 385' of 1" coated steel main and install 400' of 2" PE main. This is necessary for Platte County to tear down the existing Clark Avenue Bridge and reconstruct a new bridge. Laclede/MGE will not replace the existing main within the bridge limits. Laclede/MGE will install a new 2" PE main from the north to serve the trailer park. Laclede/MGE will need to fill out the proper permitting paperwork before start of project. I sent this paperwork to Adam, Rick and Otto.		
	007927 Total					(56.84)		393.1009 (5) (C)	
376100-Mains - Steel	007969	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(104.01)	Approved by: Joe Hampton on 03/26/2015, Relocate and abandon 305' - 8" pcs main (work order 68-2905) by installing 285' - 8" pcs main to allow the City to complete a public improvement project. ISRS		
376100-Mains - Steel	007969	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(14.15)	Approved by: Joe Hampton on 03/26/2015, Relocate and abandon 305' - 8" pcs main (work order 68-2905) by installing 285' - 8" pcs main to allow the City to complete a public improvement project. ISRS		
	007969 Total					(118.16)		393.1009 (5) (C)	
376300-Mains - Plastic	008310	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(32.04)	Approved by: Michael Fornelli on 05/04/2015, Lower 3' of 4" PE main due to storm drain being put in. Project Location: Davis Blvd. S of 20th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG.		
	008310 Total					(32.04)		393.1009 (5) (C)	
376300-Mains - Plastic	008362	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(7.45)	Approved by: Gary Williams on 05/06/2015, ISRS Relocate 40' 4" PE while abandoning 30' 4" PE due to City Curb and Gutter improvements on North Jackson Avenue. 4" line was previously replaced in 2013. Improvement design has changed and curb inlet is now proposed over existing 4" line necessitating the relocation. NOTE: FIELD CREW TO COORDINATE WITH SKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MAOP: 35 psig, MOP 35 psig, TEST PRESSURE: 100 psig		
376300-Mains - Plastic	008362	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201511	402.03	Approved by: Gary Williams on 05/06/2015, ISRS Relocate 40' 4" PE while abandoning 30' 4" PE due to City Curb and Gutter improvements on North Jackson Avenue. 4" line was previously replaced in 2013. Improvement design has changed and curb inlet is now proposed over existing 4" line necessitating the relocation. NOTE: FIELD CREW TO COORDINATE WITH SKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MAOP: 35 psig, MOP 35 psig, TEST PRESSURE: 100 psig		

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376300-Mains - Plastic	008362	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	(14.12)	Approved by: Gary Williams on 05/06/2015, ISRS Relocate 40' 4" PE while abandoning 30' 4" PE due to City Curb and Gutter improvements on North Jackson Avenue. 4" line was previously replaced in 2013. Improvement design has changed and curb inlet is now proposed over existing 4" line necessitating the relocation. NOTE: FIELD CREW TO COORDINATE WITH SKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MAOP: 35 psig, MOP 35 psig, TEST PRESSURE: 100 psig	393.1009 (5) (C)	
	008362 Total					380.46			
378000-Meas & Reg Station Equipment	008367	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	11,000.64	Approved by: Ralph Janes on 12/23/2014, Rebuild DRS# 58 at Independence and Town Centre Dr. Inlet System C-011 w/ MOP = 65 psig, MAOP = 70 psig. Outlet System C-013 w/ MOP = 25 psig, MAOP = 25 psig. Main to be run on W/O# 14-4052 to connect to existing PE north on Independence. This work will allow us to abandon a portion of the 8" high pressure main on Strother Road to allow the joint LS/KC Lee's Summit Road project to make large grade cuts at existing Strother and relocate water as they desire. The existing station (WO# 89-9459) will be retired with the 2 - 2" 441-575 regulators tagged for reuse.	393.1009 (5) (C)	
378000-Meas & Reg Station Equipment	008367	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201511	(578.46)	Approved by: Ralph Janes on 12/23/2014, Rebuild DRS# 58 at Independence and Town Centre Dr. Inlet System C-011 w/ MOP = 65 psig, MAOP = 70 psig. Outlet System C-013 w/ MOP = 25 psig, MAOP = 25 psig. Main to be run on W/O# 14-4052 to connect to existing PE north on Independence. This work will allow us to abandon a portion of the 8" high pressure main on Strother Road to allow the joint LS/KC Lee's Summit Road project to make large grade cuts at existing Strother and relocate water as they desire. The existing station (WO# 89-9459) will be retired with the 2 - 2" 441-575 regulators tagged for reuse.	393.1009 (5) (C)	
	008367 Total					10,422.18			
376300-Mains - Plastic	008674	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(0.64)	Approved by: Kevin Driskell on 06/01/2015, This work order is necessary to relocate 4" PE main in conflict with a Public Works Project. Abandon 46' of 4" PE. Install 54' of 4" PE.	393.1009 (5) (C)	
376300-Mains - Plastic	008674	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201512	(0.05)	Approved by: Kevin Driskell on 06/01/2015, This work order is necessary to relocate 4" PE main in conflict with a Public Works Project. Abandon 46' of 4" PE. Install 54' of 4" PE.	393.1009 (5) (C)	
	008674 Total					(0.69)			
376300-Mains - Plastic	008681	Street & highway relocates - safety	Addition	Public Improv	201510	79,835.24	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
376300-Mains - Plastic	008681	Street & highway relocates - safety	Addition	Public Improv	201511	(3,098.34)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
376300-Mains - Plastic	008681	Street & highway relocates - safety	Addition	Public Improv	201512	62.21	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008681 Total					76,799.11			
376300-Mains - Plastic	008692	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(31.90)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
376300-Mains - Plastic	008692	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(5.41)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008692 Total					(37.31)			
376300-Mains - Plastic	008755	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(6.36)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008755 Total					(6.36)			
376100-Mains - Steel	008790	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(8,950.44)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
376100-Mains - Steel	008790	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	(4,641.42)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008790 Total					(13,591.86)			
376300-Mains - Plastic	008791	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201510	92,686.08	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008791 Total					92,686.08			
376100-Mains - Steel	008804	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(130.99)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008804 Total					(130.99)			
376100-Mains - Steel	008809	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201511	21,076.29	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
376100-Mains - Steel	008809	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	1,881.38	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (C)	
	008809 Total					22,957.67			

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376300-Mains - Plastic	008895	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201510	107,761.64	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008895	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201511	(602.32)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
376300-Mains - Plastic	008895	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201512	(163.37)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	008895 Total					106,995.95		393.1009 (5) (C)	
376300-Mains - Plastic	008899	Street & highway relocates	Addition	Public Improv	201509	(3,798.95)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	008899 Total					(3,798.95)		393.1009 (5) (C)	
380200-Services - Plastic & Copper	005794	Services - 2" & larger	Addition	SLRP	201509	(1.82)	Approved by: Ralph Janes on 07/28/2014, Replace and retire 165' - 2" pe service line installed on work order 98-1165 by installing 165' - 4" pe service line due to added load. Meter set to be rebuilt on work order 14-3647. 2" main to be replaced with 4" pe main on work order 14-3615.		
	005794 Total					(1.82)		393.1009 (5) (a) (b)	A,B,D
380200-Services - Plastic & Copper	006596	Services - 2" & larger	Addition	SLRP	201509	(137.71)	Approved by: Kevin Driskell on 09/29/2014, Abandon 1 1/4" PE Service and install 2" PE service. This replacement is do to increased load.		
	006596 Total					(137.71)		393.1009 (5) (a) (b)	A,B,D
380200-Services - Plastic & Copper	006710	Services - 2" & larger	Addition	SLRP	201509	(2.40)	Approved by: Gary Williams on 10/20/2014, Abandon 1 1/4" service, install 40' 2" PE service line for 2100 Central Ave due to load increase. Pressure System C-001.		
	006710 Total					(2.40)		393.1009 (5) (a) (b)	A,B,D
380200-Services - Plastic & Copper	006714	Services - 2" & larger	Addition	SLRP	201509	(10.62)	Approved by: Gary Williams on 10/20/2014, REPLACE 1 1/4 PE SERVICE WITH 2 IN PE DUE TO CUSOTMER ADDING A BOILER LOAD 6,050 CFH. ECONOMIC EVALUATION WILL COVER COST OF PROJECT.		
	006714 Total					(10.62)		393.1009 (5) (a) (b)	A,B,D
380200-Services - Plastic & Copper	008130	Services - 2" & larger	Addition	SLRP	201509	5.82	Approved by: Ray Wilson on 04/01/2015, Replace 4" service 48' of 4" PCS and 5' of 4" PE with 65' of 2" PE. This is conjunction with the Street Car Project. The steam line in this area has been abandoned.		
	008130 Total					5.82		393.1009 (5) (a) (b)	A,B,D
380200-Services - Plastic & Copper	008759	Services - 2" & larger - safety	Addition	SLRP	201509	1,319.82	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
380200-Services - Plastic & Copper	008759	Services - 2" & larger - safety	Addition	SLRP	201512	0.04	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)		
	008759 Total					1,319.86		393.1009 (5) (a) (b)	A,B,D
February Blanket WO Estimates									
February Work Order Estimates									
	Grand Total					12,691,796.48			

376300-Mains - Plastic	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	10.19	Approved by: Gary Williams on 01/03/2014, Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.	393.1009 (5) (a) (b)	A,B,C,D,I
380200-Services - Plastic & Copper	003816	SLRP - immediate response - company	Addition	Blanket WO	201601	2,925.05	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper. (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003818	SLRP - block by block - contract	Addition	Blanket WO	201601	25,136.56	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003819	SLRP - block by block - contract	Addition	Blanket WO	201601	108.78	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacemen	Addition	Blanket WO	201601	2,948.61	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Lee's Summit - East Region).	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacemen	Addition	Blanket WO	201601	22.19	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Monett - South Region).	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003931	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201601	4,395.47	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - South Region	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003932	SLRP - modified block by block - co	Addition	Blanket WO	201601	2,265.38	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
376200-Mains - Cast Iron	003969	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201601	90,292.53	Project Type:B	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003972	SLRP - block by block - contract	Addition	Blanket WO	201601	(60.47)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003974	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201601	6,834.38	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - North Region	393.1009 (5) (a) (b)	A,B,C,I
376100-Mains - Steel	004035	Street & highway relocates	Addition	Public Improv	201601	142.45	Approved by: Gary Williams on 03/03/2014, Relocate 56' of 4" PCS main and install 56' of 4" PE main due to storm sewer structure in conflict.	393.1009 (5) (C)	

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380200-Services - Plastic & Copper	004146	SLRP - block by block - contract	Addition	Blanket WO	201601	1,155.14	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004150	SLRP - immediate response - contrac	Addition	Blanket WO	201601	(31.61)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004152	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201601	92,444.25	Replace service lines with plastic - North Region	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004153	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201601	26,569.05	Replace service lines with plastic - South Region	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	004268	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201601	423,045.70	Approved by: Steve Lindsey on 03/18/2014, Public Improvement Project: Jefferson Street Roadway Improvements - Stuart Rd to Persels Rd. Bid No. 11003-C. Proj Number 67901. The city proposes to widen Jefferson St, install a 10' wide multi-use path and regular sidewalk, and new enclosed storm from Persels to Stuart. Our existing mains are in conflict with the storm and proposed pavement. Relocate 4315' - 6" PE, 550' - 4" PE, and 220' - 2" PE. Main to abandon: 995' - 6" PCS (WO# B1983); 262' - 6" PCS (WO# 68-4029); 107' - 3" PE (WO# E319523); 15' - " PCS (WO# 06-1390); 149' - 6" PCS (WO# 72-2488); 1761' - 6" PCS (WO# 73-6968); 35' - 4" PCS (WO# 73-6967); 969' - 6" PCS (WO# 73-7793); 513' - 4" PCS (WO# 73-7817); 50' - 4" PE (WO# 88-2601); 140' - 2" PE (WO# 74-7350). Replace four services on SLRP: 1402, 1546, 1545, and 1601 Jefferson. (ISRS) Price per ft = \$63.57.	393.1009 (5) (C)	
380200-Services - Plastic & Copper	004279	SLRP - materials - contract	Addition	Blanket WO	201601	2.02	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004282	SLRP - meter & regulator replacemen	Addition	Blanket WO	201601	3,468.34	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region).	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004287	SLRP - materials - contract	Addition	Blanket WO	201601	182.40	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004288	Replace existing protected steel, p	Addition	Blanket WO	201601	(9.26)	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
378000-Meas & Reg Station Equipment	004380	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201601	0.06	Approved by: Rob Hack on 08/15/2013, Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.	393.1009 (5) (C)	
380200-Services - Plastic & Copper	004407	SLRP - block by block - company cre	Addition	Blanket WO	201601	(20.20)	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004414	SLRP - immediate response - contrac	Addition	Blanket WO	201601	1,383.83	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004416	Replace existing protected steel, p	Addition	Blanket WO	201601	(463.40)	Replacement and/or removal of existing protected steel or plastic (St. Joseph)	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	004458	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	248.13	Approved by: Steve Helcomb on 02/26/2014, Replace 193' - 2" PCS (WO#s None & 720088), 972' - 2" PBS (WO# None), 372' - 3" PBS (WO#s None, 655442, & 941865), 261' - 4" PCS (WO# 655542) & 4' - 4" PE (WO# 047835) with 1355' - 2" PE & 580' - 4" PE due to leakage issues. There have been 29 repaired leaks on the main to be replaced and 4 #3 active leaks (leak #'s 12-0233, 10-0151, 10-0150, & 10-0090) on the main to be replaced. This project will be changing the pressure from the C-2 to the C-1 System in this area. Pressure Test information is included in the work order packet. There are 5 services that will be tested prior to pressure switch. Project Location: 12th St between Main St and Wall Ave, Wall Ave N of 12th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$39.24. Reopened 11-16-15 per Cindy Peck for late invoice for paving work.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	004492	SLRP - modified block by block - co	Addition	Blanket WO	201601	24.21	Project Type:B	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004498	SLRP - meter & regulator replacemen	Addition	Blanket WO	201601	43.51	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region).	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004501	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201601	73,471.41	Replace service lines with plastic - Southwest Region	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004600	SLRP - modified block by block - co	Addition	Blanket WO	201601	1,735.64	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004602	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201601	889.07	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) Southwest Region.	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004609	SLRP - materials - company crews	Addition	Blanket WO	201601	2,237.98	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I

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376300-Mains - Plastic	005012	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	(27,417.50)	Approved by: Steve Holcomb on 04/14/2014. Abandon 181' - 2" PBS (WO#s: NONE, 44490), 10' - 2" PCS (WO#s: 61-2382), 170' - 3" PBS (WO#s: 63-2361), 933' - 3" PCS (WO#s: 61-1696, 68-5918), 1769' - 4" PBS (WO#s: A4583N, 48268), 13' - 4" PCS (WO#s: 68-5917), 2107' - 6" PBS (WO#s: A5145A), 51' - 6" PCS (WO#s: 72-0927), 10' - 8" PCS (WO#s: 68-5916), 122' - 1.25" PE (WO#s: 90-0305), and 66' - 4" PE (WO#s: 89-1647). Replace with 50' - 2" Thinfilm, 255' - 2" PE, 815' - 4" PE, and 3865' - 6" PE due to drastically down reads (CP#13-104) and to clear three (3) active #3 Leak (Leak No.s: 13-067, 13-068, 13-071). There are 23 previously repaired leaks on this stretch of main. This work order will also replace the inlet/outlet piping and control lines and install remote inlet and remote outlet valves for DRS 01-36-C. This work order will also replace the outlet piping and install a remote outlet valve for DRS 01-37-C. This work order will also remove dual mains different pressure systems along 15th St. Project Location: 15th and Delaware; Inlet Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.52/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005274	Replace bare steel main - safety re	Addition	ISRS-Other	201601	6,924.66	Approved by: Steve Holcomb on 05/09/2014. Abandon 1973' of 2" PBS & 195' 2" PCS and install 1895' 2" PE and 320' 2" PCS due to leakage issues as well as system improvements. Project Location: Rinker Ave N & S of Hadley St, Hadley St E & W of Rinker Ave, Oak Ave N of Hadley St. System: S-9. MOP: 42 PSIG. MAOP: 45 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$26.72.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005456	Replace bare steel main - safety re	Addition	ISRS-Other	201601	7.15	Approved by: Steve Holcomb on 06/09/2014. *MODOT PERMIT REQUIRED* Abandon 1150' - 2" PBS (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBS (WO#s: NONE, 46699), 2249' - 4" PBS (WO#s: NONE), 1183' - 2" PCS (WO#s: 59893, 61-3392, 61-4262, 73-4772, 90-1083), 1676' - 3" PCS (WO#s: NONE, 59005, 61-5314, 61-5639, 68-0899, 00-0909), 443' - 4" PCS (WO#s: 69-6169, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 04-7799), 106' - 3" PE (WO#s: 80-0461, 81-0926), and 5' - 4" PE (WO#s: 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRS 05-04-1-C (WO#s: 90-1082), 2 - 2" regulators (461-S and 461-57S WO#s: 90-1082), 1 - 2" polyvalve (WO#s: 90-1083), 1 - 3" Kerotest valve (WO#s: 90-1083), 1 - 4" Kerotest valve (WO#s: 90-1083, 1 - 2" weld ball valve (WO#s: 00-0909), and Rectifier No. 0378 (WO#s: 78-3398, 97-4868). Remote Monitoring Unit #19-809685 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No.s: 12-0137, 12-0144). There are 61 previously repaired leaks on this main. After pipe has been replaced, town of Alba will be updated to new S-1 pressure system. MOP - 30 PSIG, MAOP - 58 psig. This work order will leave no bare steel in Alba. Project Location: Town of Alba; Pressure System: New S-1; MOP: 30 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	005951	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201601	(12.10)	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0256, originally installed on WO 77-0785, due to the ground bed is only 10' from the 8 inch high pressure main. During the CIS Survey it was found that the 8 inch main is in the gradient influence of the ground bed, therefore keeping the instant off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anode ground bed will be installed on E. Division Road east of S Dewasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination, Dupree Testing Services will install the ground bed and post.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006083	Rectifier Initial Installation	Addition	ISRS-Other	201601	18,230.51	Approved by: Mark Lauber on 08/21/2014. This work order is necessary to install a 20 volt 10 amp Universal rectifier and five 3 inch by 60 inch graphite anode ground bed. Sinclair was supplying MGE with approximately 3 amps of current when MGE had a interference bond. However, recently Sinclair replaced their pipe and the bond is no longer needed. Therefore, MGE will need to protect the seven miles of 4 inch steel from Buckner town border to I-70 along "BB" highway (a.k.a.)Buckner-Tarnsey Road. This ground bed will connect at the end of the existing 2" PCS on Oakland School Road thence run on the south side of the road to the low area. Shaw Electric will install the electrical service and obtain a permit from Kansas City Power & Light. Dupree Testing Services will install the ground bed.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006423	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201601	(0.11)	Approved by: Steve Holcomb on 09/10/2014. MoDOT Project J4S2029B - Improvements to BB (Main St / Buckner Tarnsey) from Walnut to AA. Relocate 1,900' - 6" PE, 270' - 4" PE, 1,955' - 2" PE, and 225' - 10" thin film at KCS RR for road improvements. Main to abandon: 1977' - 6" PCS (WO# 61-1498 - original town piping); 1098' - 2" PCS (WO# 61-1500 - original town piping); 249' - 6" PCS (WO# 62-4105); 294' - 2" PCS (WO# 62-4132); 140' - 2" PCS (WO# 66-1932); 108' - 2" PE (WO# 84-3718); 40' - 2" PE (WO# 87-3529); 100' - 4" PE (WO# 91-3034); 21' - 4" PCS (WO# E319481); 11' - 6" PE (WO# 09-5395); 3' - 6" PCS and 3' - 2" PCS (WO# 12-1025). (ISRS)	393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	006659	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	(4.47)	Approved by: Steve Holcomb on 10/14/2014, ISRS. Replace and abandon a total of 15,005' of cast iron main in Sector 0306 with 16,080' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 7 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 402 (1-2" service) tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	12.01	Approved by: Galen Shoemaker on 10/13/2014, Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilm and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	46.84	Approved by: Galen Shoemaker on 10/13/2014, Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilm and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges	393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	006670	Station rebuild & replacement	Addition	ISRS-Other	201601	26.88	Approved by: Ralph Janes on 10/13/2014, Rebuild DRS# 4 at Foxwood and Madison. Inlet System S-007 w/ MOP = 130 psig, MAOP = 150 psig. Outlet System C-001 w/ MOP = 50 psig, MAOP = 58 psig. Main to be replaced on WO# 14-3264. The existing station (WO# 08-5142) will be retired with the 2" Mooney FG regulator and the 2" 441-57S regulator returned to stock.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006738	Replace bare steel main - safety re	Addition	ISRS-Other	201601	2,350.06	Approved by: Galen Shoemaker on 10/23/2014, Abandon 445' - 2" PBS (WO#s: 1624, 54101, 53037), 22' - 2" PCS (WO#s: 62-1977, 05-7850), 456' - 3" PCS (WO#s: 61-2377, 62-1917), 65' - 2" PE (WO#s: 77-3656, 05-8835), and 22' - 3" PE (WO#s: 88-1540) and replace with 950' - 2" PE, and 25' - 2" Thinfilm coated steel due to CP 14-020 from isolated steel and as part of our bare steel safety replacement program. There are 17 repaired leaks on this stretch of main. This work will also replace the outlet piping to DRS 01-17-C and install new remote outlet valve. Project Location: Frisco and Roosevelt; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.76/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006740	Replace bare steel main - safety re	Addition	ISRS-Other	201601	4.50	Approved by: Steve Holcomb on 10/22/2014, Abandon 1263' - 2" PBS (WO#s: NONE, 15679), 126' - 3" PCS (WO#s: 63-5035), 160' - 1 1/4" PE (WO#s: 84-1039) and replace with 2120' - 2" PE due to CP 14-042. This work will also count toward our bare steel safety replacement program. This work will also create several new loops in the C-100 pressure system. There are 8 repaired leaks on this section of main. Project Location: Princeton and Patterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.95/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006840	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	142,187.14	Approved by: Steve Holcomb on 11/05/2014, Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the first of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3919, 14-3920, 14-3921, and 14-3922. Install 5390' of 2" PE main on 14-3873 to replace 6162' of mostly PBS. The difference in length laid/abandoned is due to prior replacement on the south side of Gregory on WO# 13-3172. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$27.48	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006935	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	13.48	Approved by: Steve Holcomb on 11/17/2014, Abandon 410' - 2" PBS (WO#s: NONE) and 2270' - 4" PBS (WO# NONE) and replace with 560' - 2" PE and 2700' - 4" PE due to CP 14-077. This work order will create multiple new loops in the C-2 Pressure System. There are 17 repaired leaks on the main to be replaced. Project Location: Cedar and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.22/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006971	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	403,641.69	Approved by: Steve Holcomb on 11/17/2014, Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the 4th of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3919, 14-3920, and 14-3922. Install 7635' of 2" PE and 2700' of 4" PE on 14-3921 to replace 10,352' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$33.34	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006972	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	164,242.73	Approved by: Steve Holcomb on 11/17/2014, Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the third of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3919, 14-3921, and 14-3922. Install 7980' of 2" PE on 14-3920 to replace 7968' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$30.84	393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	006973	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	512,782.52	Approved by: Steve Holcomb on 11/20/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the 5th of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3919, 14-3920, and 14-3921. Install 8380' of 2" PE and 4670' of 4" PE on 14-3922 to replace 13,341' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$32.18	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006975	Replace bare steel main - safety re	Addition	ISRS-Other	201601	17.34	Approved by: Steve Holcomb on 11/18/2014. Abandon 1234' - 2" PBS (WO# NONE), 585' - 3" PBS (WO# NONE), 234' - 3" PCS (WO# 63-5679), 27' - 2" PE (WO# 76-4167) and replace with 2090' - 2" PE due to CP and rotten bare steel. There are 9 repaired leaks on the stretch of main to be replaced. Project Location: Hill and Division; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.79/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006977	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	411,869.64	Approved by: Steve Holcomb on 11/18/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the second of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3920, 14-3921, and 14-3922. Install 7245' of 2" PE and 1285' of 4" PE main on 14-3919 to replace 8453' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$31.39	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007052	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	(175.31)	For short replacements of main done on emergency basis - North Region	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007053	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	6,494.28	For short replacements of main done on emergency basis - South Region	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007054	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	175.93	For short replacements of main done on emergency basis - Southwest Region	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007078	Replace bare steel main - safety re	Addition	ISRS-Other	201601	59.28	Approved by: Galen Shoemaker on 12/05/2014. Abandon 70' - 4" PBS (WO# NONE) and replace with 70' - 4" PE due to CP 14-089. There are 7 repaired leaks on this stretch of main. Project Location: 6th and Connor; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201601	7.45	Approved by: Galen Shoemaker on 12/05/2014. Abandon 1068' - 2" PBS (WO# NONE), 105' - 2" PCS (WO# 66-7334), and 40' - 2" PE (WO# 94-1182) and replace with 1220' - 2" PE due to CP 14-091. There is one active #3 Leak (Leak No. 13-013) and six repaired leaks on this stretch of main. Project Location: 8th and College; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.39/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007191	Replace bare steel main - safety re	Addition	ISRS-Other	201601	(0.81)	Approved by: Galen Shoemaker on 12/09/2014. "MODOT PERMIT REQUIRED" Abandon 520' - 4" PBS (WO#: 2531), 217' - 3" PCS (WO#: 68-4499), 25' - 4" PCS (WO#: 63-4414), and 39' - 4" PE (WO#: 89-1679) and replace with 725' - 4" PE due to CP 14-095 and isolated bare steel. Project Location: 13th and Madison; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.80/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007201	Replace bare steel main - safety re	Addition	ISRS-Other	201601	1,131.74	Approved by: Galen Shoemaker on 12/07/2014. Abandon 225' - 2" PBS (WO# NONE), 270' - 3" PBS (WO# NONE), 212' - 4" PBS (WO# 3723), 11' - 4" PCS (WO# 64-1701), and 99' - 2" PE (WO#s 72-6979, 92-7615) and replace with 825' - 4" PE to clear two CP's (14-090, 14-091) and remove isolated bare steel. There are 11 repaired leaks on this stretch of main. Project Location: 5th and Gray; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.55/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007206	Replace bare steel main - safety re	Addition	ISRS-Other	201601	61.53	Approved by: Galen Shoemaker on 12/09/2014. "MODOT PERMIT REQUIRED" Abandon 343' - 4" PBS (WO#: A2983N), 90' - 3" PBS (WO#: A2983), and 12' - 4" PE (WO#s: 98-6396, 05-8857) and replace with 440' - 4" PE due to CP 14-096 and isolated bare steel. There is one repaired leak on this stretch of main. Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$56.32/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007396	Replace bare steel main - safety re	Addition	ISRS-Other	201601	220.39	Approved by: Steve Holcomb on 01/12/2015. Replace 58' of 2" PE (WO's 058815 & LK950481), 1720' of 2" PBS (WO's None, 49956, 50435, 50482, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E339523) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1; MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$41.02. ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007507	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201601	18.31	Approved by: Steve Holcomb on 01/26/2015. Abandon 134' - 2" PCS (WO# 66-3989), 1879' - 3" PCS (WO#s: 61-0076, 63-2446, 63-3532, 65-1078, 65-3766), 438' - 4" PCS (WO#s: 65-2135, 65-3766), and 80' - 10" PE (WO#: 06-8890) and replace with 1297' - 2" PE, 215' - 4" PE, and 80' - 10" PE due to storm water improvements by the City of Joplin. Existing 10" PE is inserted in 12" Ductile Iron that will need to be cut away in order to lower 10" PE, and to over new main and services. Project Location: 26th and Michigan; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; \$76.94/ft ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007513	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	(867.57)	Approved by: Kevin Driskell on 01/23/2015. Replace and abandon 723' - 2" PBS (WO# 21578) with 730' - 2" PE main on WO# 15-5094. The existing main is 1947 vintage and causing current issues for the rectifier. ISRS Price per ft = \$35.77	393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	007532	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	7.61	Approved by: Steve Holcomb on 01/29/2015. ISRS. Replace and abandon a total of 3,909' of 4" CI, 4,517' of 6" CI, and 2,617' of 12" CI in Sector 0306 with 8,452' of 2" PE and 3,802' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 43 bare steel services and 3 CS services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007601	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	(404.81)	Approved by: Steve Holcomb on 01/30/2015. Replace and abandon all piping in the S-009 system at Maguire and Jefferson in order to eliminate DRS 9. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zoll and the presence of PBS main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5926' of main. See pipe tab for details on main to abandon. ISRS Price per ft = \$31.29 Low price per ft due to most of the main in back easements and low paving replacement estimate. DRS 9 to be retired on WO# 15-5114.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201601	233.22	Approved by: Kevin Driskell on 02/11/2015. Replace 20' of 4" PE (WO's E339624 & 985957), 152' of 3" PBS (WO None), & 687' of 2" PBS (WO None) with 900' of 4" PE due to 12 repaired leaks and 2 active leaks (2013-117 & 2010-78). Project Location: Richmond Rd E of Jackson Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$66.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007654	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	(170.20)	Approved by: Gary Williams on 02/10/2015. AOR Due 04/17/2015. Replace 4" and 6" CI with 285' of 4" PE. System C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007706	Replace bare steel main - safety re	Addition	ISRS-Other	201601	954.81	Approved by: Joe Hampton on 02/24/2015. Abandon 290' - 1 1/4" PBS (WO# 12929), 6344' - 2" PBS (WO's: J012B, J02080, 19885, 20588, 25595, 29055, 31081, 33746, 38495, 683' - 2" PCS (WO's: 64-3085, 80-4071, 82-0573, 10-6538), and 5' - 2" PE (WO# 92-3032) and replace with 8240' - 2" PE to clean up isolated steel and rotten main. Project Location: Odell and Missouri. Pressure System: S-6; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.47/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007906	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	2,368.34	Approved by: Joe Hampton on 03/18/2015. Main Replacement project: Replace and abandon existing mains on C-007 pressure system with 3,243ft - 6" of PE, 15' 4in of PE, and 12,692' 2in of PE on C-007 pressure system between Shrank Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-overs. Summary of main to abandon (see pipe tab for details): 583' - 2" PCS, 1,746' - 4" PCS, 2,278' 2in PBS, 7,447' 4in PBS, 3,124' 6in PBS, and 177' 4in PE -. Price per ft = \$34.02. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007910	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	5,801.68	Approved by: Joe Hampton on 03/18/2015. Replace 450' 3" PBS (WO None), 1073' 4" PBS (WO None), 106' 4" PCS (WO B1222), and 11' 4" PE (WO 931721) with 1520' 4" PE due to 1 active leak (13-111) & 8 repaired leaks. Project Location: Jackson Ave between 5th St & 7th St, 6th St between Connor Ave & Sergeant Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$53.19.	393.1009 (5) (a) (b)	A,B,C
376101-MGE-Mains Steel-Transmission	007935	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	367,690.65	Approved by: Joe Hampton on 03/26/2015. MGE intends to hydrotest the Odessa Lateral 12" pcs transmission main for Pipeline Integrity Purposes. This work order is to provide updated maps to be utilized in determining the Potential to install some ancillary mains to permanently/temporarily feed customers, define logical segmentation of the 12" main for hydro testing to minimize customer/DRS outages and to identify and replace fittings/completion plugs to allow the line to be hydro tested.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008061	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	157,437.73	Approved by: Joe Hampton on 04/03/2015. Replace main that currently runs on S. Locust St, Daisy St, Willsa St, and Union Ave. ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008129	Replace steel & plastic main	Addition	ISRS-Other	201601	0.76	Approved by: Michael Fornelli on 03/31/2015. Replace 1' 2" PE (WO 095446) & 204' 2" PCS (WO 716190) with 205' 2" PE due to isolated steel while cleaning up 20 year SLRP's. Project Location: 7th St W of Travis Acres Ln. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$43.49.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008205	Replace bare steel main - safety re	Addition	ISRS-Other	201601	458.40	Approved by: Gary Williams on 04/16/2015. Replace 203' of 2" PBS with 2" PE due to down project.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008212	Replace steel & plastic main	Addition	ISRS-Other	201601	8,260.00	Approved by: Michael Fornelli on 04/14/2015. Replace 691' of 3" PCS (WO's 774152 & 770276) with 700' 4" PE due to CP issues (CP #14-0159). Project Location: Duquesne Rd S of Newman Rd. System: C-100. MOP: 30 PSIG. MAOP: 30 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$47.72.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008238	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	1,124.28	Approved by: Joe Hampton on 04/21/2015. Replace and abandon 3,080' - 8" bare steel main. A portion of this 90 psig feeder main is exposed at a creek crossing. Evaluation of the exposed main discovered corrosion which recommends replacing the creek crossing rather than spending any O&M. Replacement of the 3,080' section will allow tying in to 1974 vintage coated steel main on both ends. Price/Ft = \$117.79 (ISRS)	393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008244	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201601	(1.86)	Approved by: Kevin Driskell on 04/22/2015. 20 Year SLRP at Price Chopper - 1305 NW State Route 7 (meter #01022669, installed on WO# 89-9481, premise #1179095). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 cfm.	393.1009 (5) (a) (b)	A,B,C

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382000 Meter Installations-MGE	008245	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201601	6.43	Approved by: Kevin Driskell on 04/23/2015, 20 Year SLRP at Midwest Inn - 1110 NW State Route 7 (meter #08265865, installed on WO# 84-0576, premise #332822). Rebuild a 7M rotary meter set at the building.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008246	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	176,244.15	Approved by: Joe Hampton on 04/24/2015, Replace pbs main by installing 1.585' - 4" pe and 2.735' - 2" pe. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008247	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	(25.14)	Approved by: Joe Hampton on 04/24/2015, ISRS Replace 647' of 6" cast iron and 296' of 4" cast iron with 45' of 4" PE and 905' of 2" PE due to cast iron breaks and graphitization. New main to be tied into System C-175KCLS MOP= 50PSIG MAOP= 58PSIG. Cast iron main to be abandoned on C-001 System MOP= 1.10PSIG MAOP= 2.20PSIG. Tie over services - 9. There are 4 service line replacements, to be charged to blanket work order. 3606 E 58th Street, 5728 Askew, 5732 Askew and 5800 Askew. Service regulators will need to be changed.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008271	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	99,765.17	Approved by: Joe Hampton on 04/03/2015, Replace and Abandon 118'- 2", PE (891279), 450'- 2", PCS (681269), 103'- 2", PCS (59501), 499'- 2", PBS (26419), 234'- 2", PBS (23760), 275'- 2", PCS (665542), 66'- 2", PCS (710995), 608'- 2", PBS (24873), 315'- 2", PCS (790633), 80'- 2", PE (810997), 147'- 2", PCS (684865), and 115'- 2", PCS (644343). Main currently runs on Columbia Ave, Lake St, Daisy St, Union Ave and S. Locust St-Highway 127. ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008360	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	477.03	Approved by: Joe Hampton on 05/07/2015, ISRS. Replace and abandon a total of 794' of PBS, 14,567' of Cast Iron, and 725' of PE in Sector 0306 with 9,400' of 2" PE and 5,071' of 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed, 21 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 190 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008361	Replace steel & plastic main	Addition	ISRS-Other	201601	6.06	Approved by: Gary Williams on 05/06/2015, Relocate 294' of existing 4" PE main with 144' of 2" PE at the intersection of NW 74th Street and NW Mace. The existing 4" PE was laid outside the existing 15' L/E interfering with the private landowner necessitating the relocation and replacement. This replacement includes one tie-over service. Pressure System: S-694: Division 12 Town 51 Sector 7305 MAOP: 58 psig, MOP: 50 psig, TEST PRESSURE: 100 psig.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008362	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201601	5.65	Approved by: Gary Williams on 05/06/2015, ISRS Relocate 40' 4" PE while abandoning 30' 4" PE due to City Curb and Gutter improvements on North Jackson Avenue. 4" line was previously replaced in 2013. Improvement design has changed and curb inlet is now proposed over existing 4" line necessitating the relocation. NOTE: FIELD CREW TO COORDINATE WITH SKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MAOP: 35 psig, MOP 35 psig, TEST PRESSURE: 100 psig	393.1009 (5) (C)	
376300-Mains - Plastic	008372	Replace bare steel main - safety re	Addition	ISRS-Other	201601	98,724.75	Approved by: Joe Hampton on 05/07/2015, ISRS Main Replacement project: Replace and abandon existing mains on C-01 pressure system with 5796' - 2" of PE on C-04 intermediate pressure on Hilltop Rd., Walnut St., Winterwood Ln., Valley Brook Ln., Bryce Rd., Castle Ln., and Strader Terr. Summary of main to abandon (see pipe tab for details). Note: DRS #107 to be retired on separate work order. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008389	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	1,987.88	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 415' of PBS, 12,570' of CI, and 373' of PCS in Sector 0306 with 12,190' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 30 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 199 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008390	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201601	28.78	Approved by: Joe Hampton on 05/11/2015, 5/5/3, Replace 8" CI from 3007 Wayne st. to 3035 Wayne st. due to multiple leaks. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008393	Replace steel & plastic main	Addition	ISRS-Other	201601	12.16	Approved by: Gary Williams on 05/11/2015, Replaced 5' of 3" PCS and removed a valve due to leak. Installed 5' of 3" PCS. Pressure system C-026. Valve not replaced.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008395	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	4,445.79	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 11,902' of CI, 1,204' of PBS and 238' of PCS in Sector 0306 with 11,970' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 42 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 175 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	008401	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	140,664.27	Approved by: Joe Hampton on 05/11/2015, Install 5,165'- 2" pe main to replace and abandon 2" and 4" pbs and pcs main. Main currently runs on Franklin St, Bridge St, Ridge St, Mill St, Washington St, and Jefferson St. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008442	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	160,729.73	Approved by: Joe Hampton on 05/13/2015, Replace and Abandon 4" and 2" pbs main by installing 400' - 4" pe and 3,390' - 2" pe main (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008443	Replace bare steel main - safety re	Addition	ISRS-Other	201601	87,209.76	Approved by: Joe Hampton on 05/12/2015, ISRS Main Replacement project: Replace and abandon existing mains on C-14 pressure system with 4,336' - 2" of PE on C-04 intermediate pressure on Brown Rd, Neighbor Rd, 35th St., and 32nd St. XX tie-overs. Summary of main to abandon (see pipe tab for details). Note: DRS #153 and DRS #109 to be retired on separate work orders. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008530	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	198,704.11	Approved by: Joe Hampton on 05/19/2015, Replace and Abandon Main in Sweet Springs, MO. Abandon 1331' of 2" PBS, 130' of 2" PCS, 2166' of 4" PBS, 174' of 4" PCS, 395' of 2" PE and 368' of 1.25" PE. Install 1670' of 2" PE on Blackwater St, West St, and Ray St. Install 3100' of 4" PE along Ray St and S. Locust St. (ISRS project)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008532	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	287,572.81	Approved by: Joe Hampton on 05/19/2015, ISRS Main Replacement project: Replace and abandon existing mains on C-500 pressure system with 6,665' - 4" of PE and 1,225' - 2" PE on Allen Rd from Hwy 24 to Kentucky and on Swearingen Rd. 112 tie-overs. Summary of main to abandon (see pipe tab for details). (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008533	Replace bare steel main - safety re	Addition	ISRS-Other	201601	97.46	Approved by: Gary Williams on 05/20/2015, Replace 305' of 2" b/s with 2" PE and 128' of 4" b/s with 4" PE due to down project.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008537	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	10.05	Approved by: Joe Hampton on 05/21/2015, Replace 2069' of CI with 1235' of 4" PE. There is an AOR at 900 E.21st Street due 08/20/2015. Some of the main being killed out will not need to be replaced because of not having any services in the area. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008538	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	134,497.84	Approved by: Joe Hampton on 05/20/2015, Replace and Abandon existing 2", 4" and 6" pbs, pcs and pe main (See pipe tab) by installing 4,549' - 2" pe main. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008543	Replace bare steel main - safety re	Addition	ISRS-Other	201601	60.74	Approved by: Michael Fornelli on 05/20/2015, Replace 310' 3" PBS (WO None), 305' 2" PBS (WO 47622), & 130' 1 1/4" PE (WO 791267) with 590' 2" PE due to 3 repaired leaks and 1 active leak (11-0028). Project Location: Daugherty St W of Walker Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$35.01.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008546	Replace bare steel main - safety re	Addition	ISRS-Other	201601	2,010.63	Approved by: Joe Hampton on 05/19/2015, Replace 1784' 4" PBS (WO's 15926, 57532, 3754A, & 614579), 31' 4" PCS (WO 655226), 390' 2" PCS (WO's 614512 & 780659), & 488' 2" PE (WO 781066) with 1860' 4" PE & 50' 4" PCS due to 1 active leak (13-074) & 5 repaired leaks. Project Location: Illinois Ave between 11th St & 15th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$59.10.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008549	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	20,520.07	Approved by: Joe Hampton on 05/19/2015, Main Replacement project: Replace and abandon existing mains on C-200 KCLS pressure system with 3,590' - 2" of PE on 79th St, Hunter Ave, Tennessee Ave, and Manning Ave. 48 tie-overs. Summary of main to abandon (see pipe tab for details): 1,085' - 2" PBS, 1,561' - 3" PBS, 266' of 2" PCS, and 239' of 3" PCS. Price per ft = \$31.66. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008632	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	383,469.96	Approved by: Joe Hampton on 05/28/2015, Replace and Abandon 2" pbs, pcs and pe main by installing 2,010' - 2" pe and 2,585' - 4" pe main (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008635	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	4,185.29	Approved by: Joe Hampton on 05/19/2015, ISRS. Replace and abandon a total of 10,126' of Cast Iron in Sector 0306 with 6715' of 2" PE and 2590' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 28 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 88 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008636	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	2,055.03	Approved by: Joe Hampton on 05/28/2015, Replace and Abandon 40'- 2" PBS (N/A), 140'- 2" PBS (S-79), 168'- 2" PBS (S-90), 75'- 2" PBS (11513), 822'- 2" PBS (A1115), 326'- 2" PBS (12463), 134'- 2" PBS (28360), 172'- 2" PBS (11196), 1881'- 6" PBS (4034), 765'- 2" PBS (A1117), 198'- 2" PBS (28113), 158'- 2" PBS (664397), and 252'- 2" PCS (700031). Main currently runs on 4th Ave, 5th Ave, 17th St, 15th St and 12th St.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008639	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	189,148.06	Approved by: Joe Hampton on 05/28/2015, ISRS Replace and Abandon 2670'- 4" PBS (131), 95'- 4" Pcs (73610), 295'- 2" PBS (16207), 19'- 2" PBS (16613), 95'- 2" PBS (12567), 114'- 2" PBS (17795), 18'- 2" PBS (19321), 119'- 2" PBS (22445), 276'- 2" PBS (23736), 58'- 2" PBS (31648), 42'- 2" PBS (32260) and 355'- 4" PBS (240). Main currently runs on 19th Terrace/Maywood Ave, Willow Ave, Ralston Ave, Hillpark Ter/Hedges Ave and Northern Blvd.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008640	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	85,899.32	Approved by: Joe Hampton on 05/28/2015, Replace and Abandon 2" and 4" pbs, pcs and pe main by installing 4,975' - 2" pe main. Estimate = \$35.27 per foot (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008677	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	171,751.53	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	008681	Street & highway relocates - safety	Addition	Public Improv	201601	9,304.33	Approved by: Kevin Driskell on 06/03/2015, Relocate 186' of 2" PBS, 176' of 2" PCS, and 405' of 3" PBS on System C-2 along C Street between Maiden Lane and Porter Ave. This relocation is necessitated by public improvements of the City of Joplin. Division: 05 Town: 01 Sector: 0016 Pressure System: C-002 MAOP: 1.1 psig MOP: 1.1 psig Design: 66 psig Test: 100 psig ISRS	393.1009 (5) (C)	
376300-Mains - Plastic	008682	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	(1,308.98)	Approved by: Joe Hampton on 06/01/2015, Replace and Abandon 359'- 2" PE (862827), 103'- 4", PCS (942723), 1013'- 4", PBS (A5299A), 13'- 4", PCS (912171), 700'- 4", PBS (A5299A), 374'- 4", PCS (871511), and 141'- 6", PCS (691840) by installing 2,230' - 6" pe, 1,080' - 4" pe and 360' - 2" pe main. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008683	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	100,144.81	Approved by: Joe Hampton on 06/01/2015, Retire and abandon 1,739' - 4" pbs, 264' - 6" pbs, 1,610' - 4" pcs main by installing 3,090' - 4" PE along Miller St, Virginia Ave and N. Locust St. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008758	Replace bare steel main - safety re	Addition	ISRS-Other	201601	41,609.62	Approved by: Gary Williams on 06/22/2015, Replace 621' of 3" PBS with 4" PE due to leaks. Pressure system C-001. There will be 19 tie overs. House #433 W. 61st Ter is a replacement service.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008790	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201601	(69.37)	Approved by: Gary Williams on 06/25/2015, Relocate approximately 485' of 4" PCS due to public improvement. There will be a major cut in grade as well as street realignment. Coordinate with engineering to ensure everything is staked accordingly before construction. Will need a MODOT permit. Pressure system S-145.	393.1009 (5) (C)	
382000 Meter Installations-MGE	008797	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201601	6.43	Approved by: Kevin Driskell on 06/28/2015, 20 Year SLRP at Chapel Hill Church - 3108 SW 40 Highway (mtr #00239825, premise #323490). Rebuild a 3M rotary meter set at the building and remove the AL-1000 meter set at the property line. Total connected load = 2,100 cth.	393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008799	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201601	25.17	Approved by: Kevin Driskell on 06/28/2015, 20 Year SLRP at RLDS Church - 1101 NE Independence Ave (meter #07902657, installed on unknown WO, premise #366994). Rebuild a 3M rotary meter set at the building and remove the 1.5M rotary meter set at the property line. Total connected load = 1,990 cth.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008806	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	96,622.20	Approved by: Joe Hampton on 06/26/2015, Replace and Abandon pbs and pcs main by installing 5,560' - 2" pe main - Accelerated Main Replacement program. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008808	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	59,331.81	Approved by: Joe Hampton on 06/29/2015, Install 2,620' - 2" pe main to replace 2" pbs and 2" pcs main as part of the total town main replacement project. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008809	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201601	(6.17)	Approved by: Ray Wilson on 06/29/2015, ISRS Relocate approximately 50' of 6" PCS due to sewer improvements. 6" PCS will need to be lowered to approximately 7'. Coordinate with engineering for staking prior to construction. Pressure system S-114A.	393.1009 (5) (C)	
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201601	(60.35)	Approved by: Kevin Driskell on 07/06/2015, This Work Order is necessary to clear CP 15-45 by replacing 369' of 3" PCS, 126' of 2" PCS and 178' of 2" PBS. Install 495' of 4" PE and 175' of 2" PE. ISRS.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008894	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	151,290.65	Approved by: Joe Hampton on 07/07/2015, Install 3,950' - 4" PE, 25' - 4" PCS and 50' - 2" PE main along US Highway 40 and Miller St. as part of the total town main replacement. 2,352' - 3" bare steel main will be abandoned on this work order. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008895	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201601	102.54	Approved by: Joe Hampton on 07/01/2015, ISRS Relocate 4" PCS with 4" PE along W 19th st. for public improvement. The city is adding a new storm sewer along the north side of 19th with several boxes along the way. Coordinate with engineering for staking of the boxes and piping. 4" PE needs to be in 8" casing 10' deep under the railroad tracks. Pressure system C-007.	393.1009 (5) (C)	
376300-Mains - Plastic	008897	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	84,389.45	Approved by: Joe Hampton on 07/07/2015, Replace and Abandon 2" PBS, PCS and PE main by installing 3,900' - 2" pe main as part of the whole town main replacement. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008899	Street & highway relocates	Addition	Public Improv	201601	544.46	Approved by: Kevin Driskell on 07/01/2015, *MODOT PERMIT REQUIRED* Relocate 420' of 6" PE along HWY J near HWY 65. This relocation is necessitated by public improvements of the State of Missouri. Division: 08 Town: 15 Sector: A0515. Pressure System: S-2322 MAOP: 58 psig MOP: 58 psig Design: 69 psig Test: 104 psig ISRS \$74.41/ft	393.1009 (5) (C)	
376300-Mains - Plastic	008961	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	85,541.01	Approved by: Joe Hampton on 07/09/2015, Replace and Abandon 2" PBS, PCS and PE main as part of the whole town main replacement project. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008970	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201601	157,266.50	Approved by: Joe Hampton on 07/22/2015, Relocate 1,150' of 12" PCS due to public improvement. Existing 12" PCS is in conflict with proposed grade. Main will need to be lowered approximately 4' and moved to the west about 6'. Coordinate with engineering before construction. ISRS	393.1009 (5) (C)	
376300-Mains - Plastic	009136	Replace bare steel main - safety re	Addition	ISRS-Other	201601	414.01	Approved by: Michael Fornelli on 08/10/2015, Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
380100-Services - Steel	009217	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201601	3,752.77	Approved by: Michael Fornelli on 08/10/2015, Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C,I

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380100-Services - Steel	009218	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201601	(112.46)	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	009227	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	182.73	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009236	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	8,210.70	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009239	Replace bare steel main - safety re	Addition	ISRS-Other	201601	524.43	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009249	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	96.81	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009251	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	82.34	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376101-MGE-Mains Steel-Transmission	009253	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	67,200.63	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009274	Replace bare steel main - safety re	Addition	ISRS-Other	201601	(98.79)	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009276	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201601	271,898.16	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (C)	
376300-Mains - Plastic	800036	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	9,801.65	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)		

6,344,158.65

376300-Mains - Plastic	003789	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(10.98)	Approved by: Gary Williams on 01/03/2014. Replace 500 feet of 4" CI (work order unknown) with 500'-4" PE due to two cast iron breaks being within 500 feet of each other. See tie-in procedure. Tie-over 8 services.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	003816	SLRP - immediate response - company	Addition	Blanket WO	201602	342.53	Replacement single unprotected steel or copper (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003818	SLRP - block by block - contract	Addition	Blanket WO	201602	4,582.57	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003819	SLRP - block by block - contract	Addition	Blanket WO	201602	(122.07)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacemen	Addition	Blanket WO	201602	(26.13)	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacemen	Addition	Blanket WO	201602	668.71	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Monett - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003931	BWO Mtr/Reg Repl - SLRP ISRS (S)	Addition	Blanket WO	201602	7,191.31	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - South Region	393.1009 (5) (a) (b)	A,B,C,I

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380200-Services - Plastic & Copper	003932	SLRP - modified block by block - co	Addition	Blanket WO	201602	(610.37)	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
376200-Mains - Cast Iron	003969	BWO CI Joint Encapsulation ISRS (N)	Addition	Encapsulation	201602	15,662.34	Project Type:B	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	003972	SLRP - block by block - contract	Addition	Blanket WO	201602	65.11	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003974	BWO Mtr/Reg Repl - SLRP ISRS (N)	Addition	Blanket WO	201602	27,416.66	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) - North Region	393.1009 (5) (a) (b)	A,B,C,I
376100-Mains - Steel	004035	Street & highway relocates	Addition	Public Improv	201602	(214.27)	Approved by: Gary Williams on 03/03/2014. Relocate 56" of 4" PCS main due to storm sewer structure in conflict.	393.1009 (5) (C)	
380200-Services - Plastic & Copper	004146	SLRP - block by block - contract	Addition	Blanket WO	201602	(737.87)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004150	SLRP - immediate response - contrac	Addition	Blanket WO	201602	29.85	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004152	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201602	223,529.67	Replace service lines with plastic - North Region	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004153	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201602	33,119.02	Replace service lines with plastic - South Region	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	004268	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201602	824.81	Approved by: Steve Lindsey on 03/18/2014. Public Improvement Project: Jefferson Street Roadway Improvements - Stuart Rd to Persels Rd. Bid No. 11003-C. Proj Number 67801. The city proposes to widen Jefferson St, install a 10' wide multi-use path and regular sidewalk, and new enclosed storm from Persels to Stuart. Our existing mains are in conflict with the storm and proposed pavement. Relocate 4315' - 6" PE, 550' - 4" PE, and 220' - 2" PE. Main to abandon: 995' - 6" PCS (WO# B1983); 262' - 6" PCS (WO# 68-4029); 107' - 3" PE (WO# E319523); 15' - " PCS (WO# 06-1390); 149' - 6" PCS (WO# 72-2488); 1761' - 6" PCS (WO# 73-6968); 35' - 4" PCS (WO# 73-6967); 969' - 6" PCS (WO# 73-7793); 513' - 4" PCS (WO# 73-7817); 50' - 4" PE (WO# 88-2601); 140' - 2" PE (WO# 74-7350). Replace four services on SLRP: 1402, 1546, 1545, and 1601 Jefferson. (ISRS) Price per ft = \$63.57.	393.1009 (5) (C)	
380200-Services - Plastic & Copper	004279	SLRP - materials - contract	Addition	Blanket WO	201602	(2.01)	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004282	SLRP - meter & regulator replacemen	Addition	Blanket WO	201602	2,244.26	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region).	393.1009 (5) (a) (b)	A,B,C,I
376100-Mains - Steel	004285	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(3.36)	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Kansas City - Central Region).	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	004287	SLRP - materials - contract	Addition	Blanket WO	201602	11,596.70	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004288	Replace existing protected steel, p	Addition	Blanket WO	201602	5.28	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
378000-Meas & Reg Station Equipment	004380	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201602	9,668.32	Approved by: Rob Hack on 08/15/2013. Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.	393.1009 (5) (C)	
380200-Services - Plastic & Copper	004407	SLRP - block by block - company cre	Addition	Blanket WO	201602	15.81	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004414	SLRP - immediate response - contrac	Addition	Blanket WO	201602	3,932.32	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004416	Replace existing protected steel, p	Addition	Blanket WO	201602	(2.51)	Replacement and/or removal of existing protected steel or plastic (St. Joseph)	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	004458	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(267.29)	Approved by: Steve Holcomb on 02/26/2014. Replace 193' - 2" PCS (WO#s None & 720088), 972' - 2" PBS (WO# None), 372' - 3" PBS (WO#s None, 655442, & 941665), 261' - 4" PCS (WO# 655542) & 4' - 4" PE (WO# 047835) with 1355' - 2" PE & 580' - 4" PE due to leakage issues. There have been 29 repaired leaks on the main to be replaced and 4 #3 active leaks (leak #s 12-0233, 10-0151, 10-0150, & 10-0090) on the main to be replaced. This project will be changing the pressure from the C-2 to the C-1 System in this area. Pressure Test information is included in the work order packet. There are 5 services that will be tested prior to pressure switch. Project Location: 12th St between Main St and Wall Ave, Wall Ave N of 12th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$39.24. Reopened 11-16-15 per Cindy Peck for late invoice for paving work.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	004492	SLRP - modified block by block - co	Addition	Blanket WO	201602	(26.04)	Project Type:B	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004498	SLRP - meter & regulator replacemen	Addition	Blanket WO	201602	197.33	Service/Yard Line Replacement (SLRP): Company Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region).	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004501	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201602	118,555.38	Replace service lines with plastic - Southwest Region	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004600	SLRP - modified block by block - co	Addition	Blanket WO	201602	1,347.88	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	004602	BWO Mtr/Reg Repl - SLRP ISRS (SW)	Addition	Blanket WO	201602	21,193.63	Service/Yard Line Replacement (SLRP): Company or Contract Crew. Rebuild meter/regulator setting (exclude regulator) Southwest Region.	393.1009 (5) (a) (b)	A,B,C,I
380200-Services - Plastic & Copper	004609	SLRP - materials - company crews	Addition	Blanket WO	201602	489.34	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I

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376300-Mains - Plastic	005012	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(516.24)	Approved by: Steve Holcomb on 04/14/2014. Abandon 181' - 2" PBS (WO#s: NONE, 44490), 10' - 2" PCS (WO#s: 61-2382), 170' - 3" PBS (WO#s: 63-2361), 933' - 3" PCS (WO#s: 61-1696, 68-5918), 1769' - 4" PBS (WO#s: A4583N, 48268), 13' - 4" PCS (WO#s: 68-5917), 2107' - 6" PBS (WO#s: A5145A), 51' - 6" PCS (WO#s: 72-0927), 10' - 8" PCS (WO#s: 68-5916), 122' - 1.25" PE (WO#s: 90-0305), and 66' - 4" PE (WO#s: 89-1647). Replace with 50' - 2" Thinfilm, 255' - 2" PE, 815' - 4" PE, and 3865' - 6" PE due to drastically down reads (CP#13-104) and to clear three (3) active #3 Leak (Leak No.s: 13-067, 13-068, 13-071). There are 23 previously repaired leaks on this stretch of main. This work order will also replace the inlet/outlet piping and control lines and install remote inlet and remote outlet valves for DRS 01-36-C. This work order will also replace the outlet piping and install a remote outlet valve for DRS 01-37-C. This work order will also remove dual mains different pressure systems along 15th St. Project Location: 15th and Delaware; Inlet Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.52/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005274	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(3,265.80)	Approved by: Steve Holcomb on 05/09/2014. Abandon 1973' of 2" PBS & 195' 2" PCS and install 1895' 2" PE and 320' 2" PCS due to leakage issues as well as system improvements. Project Location: Rinker Ave N & S of Hadley St, Hadley St E & W of Rinker Ave, Oak Ave N of Hadley St. System: S-9. MOP: 42 PSIG. MAOP: 45 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$26.72.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005456	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(9.93)	Approved by: Steve Holcomb on 06/09/2014. "MODOT PERMIT REQUIRED" Abandon 1150' - 2" PBS (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBS (WO#s: NONE, 46699), 2249' - 4" PBS (WO#s: NONE), 1183' - 2" PCS (WO#s: 59893, 61-3392, 61-4262, 73-4772, 90-1083), 1676' - 3" PCS (WO#s: NONE, 59005, 61-5314, 61-5639, 68-0899, 00-0909), 443' - 4" PCS (WO#s: 69-6169, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 04-7799), 106' - 3" PE (WO#s: 80-0461, 81-0926), and 5' - 4" PE (WO#s: 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRS 05-04-1-C (WO#s: 90-1082), 2 - 2" regulators (461-S and 461-57S WO#s: 90-1082), 1 - 2" polyvalve (WO#s: 90-1083), 1 - 3" Kerotest valve (WO#s: 90-1083), 1 - 4" Kerotest valve (WO#s: 90-1083, 1 - 2" weld ball valve (WO#s: 00-0909), and Rectifier No. 0378 (WO#s: 78-3398, 97-4868). Remote Monitoring Unit #19-809685 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No.s: 12-0137, 12-0144). There are 61 previously repaired leaks on this main. After pipe has been replaced, town of Alba will be updated to new S-1 pressure system, MOP - 30 PSIG, MAOP - 58 psig. This work order will leave no bare steel in Alba. Project Location: Town of Alba; Pressure System: New S-1; MOP: 30 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	005555	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201602	(27.25)	Approved by: Galen Shoemaker on 06/24/2014. Abandon 290' - 2" PBS (WO#s: NONE), 541' - 2" PCS (WO#s: NONE, 66-3319, 79-0557, LK940344), and 11' - 2" PE (WO#s: 94-1168) and relocate with 1185' - 2" PE due to grade cuts associated with City of Joplin sidewalk project. This work order will also create new loops in the C-100 Pressure System. There are no active leaks on this project, but 7 previously repaired leaks. Project Location: Rolla and Brownell; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$42.09/ft Reopened per Cindy Peck 6-30-15 for Joplin paving charges -AMM	393.1009 (5) (C)	
376100-Mains - Steel	005951	Rectifier New/Repl ISRS (N)	Addition	ISRS-Other	201602	13.02	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0256, originally installed on WO 77-0785, due to the ground bed is only 10' from the 8 inch high pressure main. During the CIS Survey it was found that the 8 inch main is in the gradient influence of the ground bed, therefore keeping the instant off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anode ground bed will be installed on E. Division Road east of S Devasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination, Dupree Testing Services will install the ground bed and post.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	005954	Rectifier initial installations	Addition	ISRS-Other	201602	66,810.10	Approved by: Mark Lauber on 08/08/2014. This work order is necessary to install a new 60 volt 30 amp rectifier and fifteen graphite rod ground bed to assist in cathodic protection of the Bannister 10" main and surrounding area. This ground bed will be installed in a private easement on property currently owned by the Hope of Glory Ministries located at 11505 E. Bannister Road. Shaw Electric will provide the electrical permit, work and inspection and Dupree Testing Service will install the groundbed and post.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006083	Rectifier Initial Installation	Addition	ISRS-Other	201602	(52.62)	Approved by: Mark Lauber on 08/21/2014. This work order is necessary to install a 20 volt 10 amp Universal rectifier and five 3 inch by 60 inch graphite anode ground bed. Sinclair was supplying MGE with approximately 3 amps of current when MGE had a interference bond. However, recently Sinclair replaced their pipe and the bond is no longer needed. Therefore, MGE will need to protect the seven miles of 4 inch steel from Buckner town border to I-70 along "BB" highway (a.k.a.)Buckner-Tarnsey Road. This ground bed will connect at the end of the existing 2" PCS on Oakland School Road thence run on the south side of the road to the low area. Shaw Electric will install the electrical service and obtain a permit from Kansas City Power & Light. Dupree Testing Services will install the ground bed.	393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	006659	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	88,367.13	Approved by: Steve Holcomb on 10/14/2014. ISRS. Replace and abandon a total of 15,005' of cast iron main in Sector 0306 with 16,080' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 7 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 402 (1-2" service) tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(58.66)	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilm and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006665	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(228.80)	Approved by: Galen Shoemaker on 10/13/2014. Abandon 656' - 6" PBS (WO#s: NONE, A1166B) and replace with 25' - 4" Thinfilm and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and Wall St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.98/ft Reopened 10-29-15 per Cindy Peck - for paving charges	393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	006670	Station rebuild & replacement	Addition	ISRS-Other	201602	(9,697.09)	Approved by: Ralph Janes on 10/13/2014. Rebuild DRS# 4 at Foxwood and Madison. Inlet System S-007 w/ MOP = 130 psig, MAOP = 150 psig. Outlet System C-001 w/ MOP = 50 psig, MAOP = 58 psig. Main to be replaced on WO# 14-3264. The existing station (WO# 08-5142) will be retired with the 2" Mooney FG regulator and the 2" 441-57S regulator returned to stock.	393.1009 (5) (a) (b)	A,B
376300-Mains - Plastic	006671	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(49.76)	Approved by: Steve Holcomb on 10/13/2014. Accelerated Main Replacement project: Replace and abandon existing mains on C-001 ounces pressure system with 14,010' - 2" and 30' - 4" PE on C-500 intermediate pressure system between 31st and Cedar and 25th and Northern. 262 tie-overs and 89 services on existing PE requiring reg change only. Summary of main to abandon (see pipe tab for details): 1384' - 2" PBS, 9614' - 4" PBS, 28' - 6" PBS, 789' - 2" PCS, 1215' - 4" PCS, 521' - 4" PE (all pre-2000), and 81' - 2" PE. Price per ft = \$32.87 (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006738	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(34.10)	Approved by: Galen Shoemaker on 10/23/2014. Abandon 445' - 2" PBS (WO#s: 1624, 54101, 53837), 22' - 2" PCS (WO#s: 62-1977, 05-7858), 456' - 3" PCS (WO#s: 61-2977, 62-1977), 55' - 2" PE (WO#s: 77-3656, 05-8835), and 22' - 3" PE (WO#s: 88-1540) and replace with 950' - 2" PE, and 25' - 2" Thinfilm coated steel due to CP 14-020 from isolated steel and as part of our bare steel safety replacement program. There are 17 repaired leaks on this stretch of main. This work will also replace the outlet piping to DRS 01-17-C and install new remote outlet valve. Project Location: Frisco and Roosevelt; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.76/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006740	Replace bare steel main - safety re	Addition	ISRS-Other	201602	6.95	Approved by: Steve Holcomb on 10/22/2014. Abandon 1263' - 2" PBS (WO#s: NONE, 15679), 126' - 3" PCS (WO#s: 63-5035), 180' - 1 1/4" PE (WO#s: 84-1039) and replace with 2120' - 2" PE due to CP 14-042. This work will also count toward our bare steel safety replacement program. This work will also create several new loops in the C-100 pressure system. There are 8 repaired leaks on this section of main. Project Location: Princeton and Patterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.95/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006840	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	701.14	Approved by: Steve Holcomb on 11/05/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the first of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3919, 14-3920, 14-3921, and 14-3922. Install 5390' of 2" PE main on 14-3873 to replace 6162' of mostly PBS. The difference in length laid/abandoned is due to prior replacement on the south side of Gregory on WO# 13-3172. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$27.48	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006935	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	13,237.33	Approved by: Steve Holcomb on 11/17/2014. Abandon 410' - 2" PBS (WO# NONE) and 2270' - 4" PBS (WO# NONE) and replace with 560' - 2" PE and 2700' - 4" PE due to CP 14-077. This work order will create multiple new loops in the C-2 Pressure System. There are 17 repaired leaks on the main to be replaced. Project Location: Cedar and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.22/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006971	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	17,834.00	Approved by: Steve Holcomb on 11/17/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the 4th of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3919, 14-3920, and 14-3922. Install 7635' of 2" PE and 2700' of 4" PE on 14-3921 to replace 10,352' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$33.34	393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	006972	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	320.87	Approved by: Steve Holcomb on 11/17/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the third of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3919, 14-3921, and 14-3922. Install 7980' of 2" PE on 14-3920 to replace 7965' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$30.84	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006973	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	21,268.69	Approved by: Steve Holcomb on 11/20/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the 5th of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3919, 14-3920, and 14-3921. Install 8380' of 2" PE and 4670' of 4" PE on 14-3922 to replace 13,341' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$32.18	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006975	Replace bare steel main - safety re	Addition	ISRS-Other	201602	68.74	Approved by: Steve Holcomb on 11/18/2014. Abandon 1234' - 2" PBS (WO# NONE), 585' - 3" PBS (WO# NONE), 234' - 3" PCS (WO# 63-5679), 27' - 2" PE (WO# 76-4167) and replace with 2090' - 2" PE due to CP and rotten bare steel. There are 9 repaired leaks on the stretch of main to be replaced. Project Location: Hill and Division; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.79/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	006977	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	10,170.29	Approved by: Steve Holcomb on 11/18/2014. Accelerated main replacement. We are targeting Raytown 09-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the second of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3873, 14-3920, 14-3921, and 14-3922. Install 7245' of 2" PE and 1285' of 4" PE main on 14-3919 to replace 8453' of mostly PBS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$31.39	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007052	Main Replacement - ISRS (N)	Addition	Blanket WO	201602	2,343.84	For short replacements of main done on emergency basis - North Region	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	007053	Main Replacement - ISRS (S)	Addition	Blanket WO	201602	25,468.05	For short replacements of main done on emergency basis - South Region	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	007054	Main Replacement - ISRS (S)	Addition	Blanket WO	201602	(262.43)	For short replacements of main done on emergency basis - Southwest Region	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	007078	Replace bare steel main - safety re	Addition	ISRS-Other	201602	242.87	Approved by: Galen Shoemaker on 12/05/2014. Abandon 70' - 4" PBS (WO# NONE) and replace with 70' - 4" PE due to CP 14-089. There are 7 repaired leaks on this stretch of main. Project Location: 6th and Connor; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(2.72)	Approved by: Galen Shoemaker on 12/05/2014. Abandon 1068' - 2" PBS (WO# NONE), 105' - 2" PCS (WO# 66-7334), and 40' - 2" PE (WO# 94-1182) and replace with 1220' - 2" PE due to CP 14-081. There is one active #3 Leak (Leak No. 13-013) and six repaired leaks on this stretch of main. Project Location: 8th and College; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.39/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007191	Replace bare steel main - safety re	Addition	ISRS-Other	201602	68.35	Approved by: Galen Shoemaker on 12/09/2014. "MODOT PERMIT REQUIRED" Abandon 520' - 4" PBS (WO# 2531), 217' - 3" PCS (WO# 68-4489), 25' - 4" PCS (WO# 63-4414), and 39' - 4" PE (WO# 89-1679) and replace with 725' - 4" PE due to CP 14-095 and isolated bare steel. Project Location: 13th and Madison; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.80/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007199	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	81,857.74	Approved by: Ralph Janes on 12/15/2014. Replace and retire 231' - 4" pbs main (WO Unknown), 18' - 4" pe main (WO 734627), 1,024' - 2" pbs main (WO Unknown), 272' - 2" pbs main (WO 5450), 40' - 2" pbs main (WO 19568) and 155' - 2" pcs main (WO 25894) by installing 1,735' 2" pe main due to leakage. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007201	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(232.14)	Approved by: Galen Shoemaker on 12/07/2014. Abandon 225' - 2" PBS (WO# NONE), 270' - 3" PBS (WO# NONE), 212' - 4" PBS (WO# 3723), 11' - 4" PCS (WO# 64-1701), and 99' - 2" PE (WO#s 72-6979, 92-7615) and replace with 825' - 4" PE to clear two CP's (14-090, 14-091) and remove isolated bare steel. There are 11 repaired leaks on this stretch of main. Project Location: 5th and Gray; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.55/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007206	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(68.97)	Approved by: Galen Shoemaker on 12/09/2014. "MODOT PERMIT REQUIRED" Abandon 343' - 4" PBS (WO# A2983N), 90' - 3" PBS (WO# A2983), and 12' - 4" PE (WO#s: 98-6396, 05-8857) and replace with 440' - 4" PE due to CP 14-096 and isolated bare steel. There is one repaired leak on this stretch of main. Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRS \$56.32/ft	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	007313	Replace bare steel main - safety re	Addition	ISRS-Other	201602	94,682.96	Approved by: Steve Holcomb on 12/29/2014. Replace 4", 5", 6" PBS, 6" PCS along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 135 PSIG) will be replaced with 1190' of 4" STL. System C-006 (MOP 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2380' of 6" PE, 90' of 2" PE, and 19' of 4" PE. The following reg stations will be abandoned: DRS #172, DRS #392. Pressure system C-006 will now be the outlet system for DRS # 384 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 384 will be rebuilt - wo # 14-4038. Estimated Cost per foot = \$59.78. ISRS.	393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	007313	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(94,682.96)	Approved by: Steve Holcomb on 12/29/2014. Replace 4", 5", 6" PBS, 6" PCS along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 135 PSIG) will be replaced with 1190' of 4" STL. System C-006 (MOP 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2380' of 6" PE, 90' of 2" PE, and 19' of 4" PE. The following reg stations will be abandoned: DRS #172, DRS #392. Pressure system C-006 will now be the outlet system for DRS # 384 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 384 will be rebuilt - wo # 14-4038. Estimated Cost per foot = \$59.78. ISRS.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007396	Replace bare steel main - safety re	Addition	ISRS-Other	201602	41.47	Approved by: Steve Holcomb on 01/12/2015. Replace 58' of 2" PE (WO's 058815 & LK950481), 1720' of 2" PBS (WO's None, 49956, 50435, 50482, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E339523) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$41.02. ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007507	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201602	16,852.52	Approved by: Steve Holcomb on 01/26/2015. Abandon 134' - 2" PCS (WO# 66-3989), 1879' - 3" PCS (WO#s: 61-0076, 63-2446, 63-3532, 65-1078, 65-3766), 438' - 4" PCS (WO#s: 65-2135, 65-3766), and 80' - 10" PE (WO# 06-8890) and replace with 1297' - 2" PE, 215' - 4" PE, and 80' - 10" PE due to storm water improvements by the City of Joplin. Existing 10" PE is inserted in 12" Ductile Iron that will need to be cut away in order to lower 10" PE, and tie over new main and services. Project Location: 26th and Michigan; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; \$76.94/ft ISRS	393.1009 (5) (C)	
376300-Mains - Plastic	007508	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(10.95)	Approved by: Steve Holcomb on 01/26/2015. Replace 13' 4" PE (WO 034844), 40' 2" PE (WO 121357), 799' 2" PBS (WO None), 300' 2" PCS (WO's 962347 & 636245), 19' 3" PCS (WO 962347), and 451' 3" PBS (WO None) with 1595' of 4" PE due to history of leakage, rotten main, 5 repaired leaks, and isolated bare steel. Project Location: Walker St between Noble St & 4th St and Tracy St between Hall St & Devon St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$49.23.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007513	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	9.48	Approved by: Kevin Driskell on 01/23/2015. Replace and abandon 723' - 2" PBS (WO# 21578) with 730' - 2" PE main on WO# 15-5094. The existing main is 1947 vintage and causing current issues for the rectifier. ISRS Price per ft = \$35.77	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007514	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	17,086.88	Approved by: Kevin Driskell on 01/26/2015. Replace and retire 270' - 2" pbs main (WO Unknown) and 100' - 2" pcs main (wo 860988) by installing 360' - 2" pe main. Replacing the existing pbs main will clear corrosion CP14-190 at 214 W Market St. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007532	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(8.57)	Approved by: Steve Holcomb on 01/29/2015. ISRS. Replace and abandon a total of 3,909' of 4" CI, 4,517' of 6" CI, and 2,617' of 12" CI in Sector 0306 with 8,452' of 2" PE and 3,802' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 43 bare steel services and 3 CS services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007601	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	80.41	Approved by: Steve Holcomb on 01/30/2015. Replace and abandon all piping in the S-009 system at Maguire and Jefferson in order to eliminate DRS 9. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zoll and the presence of PBS main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5926' of main. See pipe tab for details on main to abandon. ISRS Price per ft = \$31.29 Low price per ft due to most of the main in back easements and low paving replacement estimate. DRS 9 to be retired on WO# 15-5114.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(255.79)	Approved by: Kevin Driskell on 02/11/2015. Replace 20' of 4" PE (WO's E339624 & 985957), 152' of 3" PBS (WO None), & 687' of 2" PBS (WO None) with 900' of 4" PE due to 12 repaired leaks and 2 active leaks (2013-117 & 2010-78). Project Location: Richmond Rd E of Jackson Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$66.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007654	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	186.58	Approved by: Gary Williams on 02/10/2015. AOR Due 04/17/2015. Replace 4" and 6" CI with 285' of 4" PE. System C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007706	Replace bare steel main - safety re	Addition	ISRS-Other	201602	889.19	Approved by: Joe Hampton on 02/24/2015. Abandon 290' - 1 1/4" PBS (WO# 12929), 6344' - 2" PBS (WO#s: J012B, J02080, 19885, 20588, 25595, 29055, 31081, 33746, 38495), 683' - 2" PCS (WO#s: 64-3085, 80-4071, 82-0573, 110-6538), and 5' - 2" PE (WO# 92-3032) and replace with 8240' - 2" PE to clean up isolated steel and rotten main. Project Location: Odell and Missouri; Pressure System: S-6; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.47/ft	393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	007862	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(22.58)	Approved by: Kevin Driskell on 03/16/2015, Replace 239' 2" PCS (WO's 641565 & 666418) and 502' 2" PBS (WO J013B) with 715' 2" PE due to low reads. Project Location: West Ave between Mill St & Eagan St. System: C-1. MOP: 39.5 PSIG. MAOP: 39.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$48.54.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007864	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	36,832.28	Approved by: Joe Hampton on 03/13/2015, ISRS, Replace and abandon a total of 2089' of 4" CI, 539' of 6" CI, 3942' of 3" BS, 325' of 4" BS and 15' of 2" BS in Sector 0306 with 4325' of 2" PE 2690' of 4" PE and 1325' of 6" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 9 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 148 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007906	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	4,814.53	Approved by: Joe Hampton on 03/18/2015, Main Replacement project: Replace and abandon existing mains on C-007 pressure system with 3,243ft - 6" of PE, 15' 4in of PE, and 12,692' 2in of PE on C-007 pressure system between Shrank Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-overs. Summary of main to abandon (see pipe tab for details): 583' - 2" PCS, 1,746' - 4" PCS, 2,278' 2in PBS, 7,447' 4in PBS, 3,124' 6in PBS, and 177' 4in PE. Price per ft = \$34.02. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007910	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(1,905.47)	Approved by: Joe Hampton on 03/18/2015, Replace 450' 3" PBS (WO None), 1073' 4" PBS (WO None), 106' 4" PCS (WO B1222), and 11' 4" PE (WO 931721) with 1520' 4" PE due to 1 active leak (13-111) & 8 repaired leaks. Project Location: Jackson Ave between 5th St & 7th St, 6th St between Connor Ave & Sergeant Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$53.19.	393.1009 (5) (a) (b)	A,B,C
376101-MGE-Mains Steel-Transmission	007935	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	4,378.03	Approved by: Joe Hampton on 03/26/2015, MGE intends to hydrotest the Odessa Lateral 12" pcs transmission main for Pipeline Integrity Purposes. This work order is to provide updated maps to be utilized in determining the potential to install some ancillary mains to permanently/temporarily feed customers, define logical segmentation of the 12" main for hydro testing to minimize customer/DRS outages and to identify and replace fittings/completion plugs to allow the line to be hydro tested.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008061	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	425.99	Approved by: Joe Hampton on 04/03/2015, Replace main that currently runs on S. Locust St, Daisy St, Willa St, and Union Ave. ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008141	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(21.73)	Approved by: Michael Fornelli on 04/08/2015, Abandon 204' - 2" PBS (WO's: NONE, 40099) and 63' - 2" PCS (WO's: 67-6825) and replace with 500' of 6" PBS. New main will be on the C-1, 58 psig pressure system instead of old C-2, 1.5 psig pressure system. There is one repaired leak on this stretch of main. Project Location: 3rd and High; Pressure System: C-1, MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$71.86/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008205	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(670.99)	Approved by: Gary Williams on 04/16/2015, Replace 203' of 2" PBS with 2" PE due to down project.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008212	Replace steel & plastic main	Addition	ISRS-Other	201602	239.00	Approved by: Michael Fornelli on 04/17/2015, Replace 691' of 3" PCS (WO's 774152 & 770276) with 700' 4" PE due to CP issues (CP #14-0159). Project Location: Duquesne Rd S of Newman Rd. System: C-100. MOP: 30 PSIG. MAOP: 30 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$47.72.	393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008214	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201602	(308.60)	Approved by: Kevin Driskell on 04/17/2015, 20 Year SLRP at First Assembly of God - 425 SW Oldham Pkwy (meter #08826251, installed on WO# 89-9356, premise #371702). Rebuild a 3M rotary meter set at the building. Total connected load = 3,000 cfh.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008238	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	8,023.12	Approved by: Joe Hampton on 04/21/2015, Replace and abandon 3,080' - 8" bare steel main. A portion of this 90 psig feeder main is exposed at a creek crossing. Evaluation of the exposed main discovered corrosion which recommends replacing the creek crossing rather than spending any O&M. Replacement of the 3,080' section will allow tying in to 1974 vintage coated steel main on both ends. Price/Ft = \$117.79 (ISRS)	393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	008241	Station rebuild & replacement	Addition	ISRS-Other	201602	3,642.03	Approved by: Gary Williams on 04/23/2015, Rebuild DRS #384 new DRS #761. Inlet system C-055 90psig. Outlet system C-006 35 psig. Main WO # 14-3521. Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-57S 4" Regulators.	393.1009 (5) (a) (b)	A,B
378000-Meas & Reg Station Equipment	008243	Station rebuild & replacement	Addition	ISRS-Other	201602	(3,642.03)	Approved by: Gary Williams on 04/23/2015, Rebuild DRS #384 new DRS #761. Inlet system C-055 90psig. Outlet system C-006 35 psig. Main WO # 14-3521. Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-57S 4" Regulators.	393.1009 (5) (a) (b)	A,B
382000 Meter Installations-MGE	008244	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201602	1.45	Approved by: Kevin Driskell on 04/22/2015, 20 Year SLRP at Price Chopper - 1305 NW State Route 7 (meter #01022689, installed on WO# 89-9481, premise #1179095). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 cfh.	393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008245	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201602	(2.21)	Approved by: Kevin Driskell on 04/23/2015, 20 Year SLRP at Midwest Inn - 1110 NW State Route 7 (meter #08265865, installed on WO# 84-0576, premise #332822). Rebuild a 7M rotary meter set at the building.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008246	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(350.11)	Approved by: Joe Hampton on 04/24/2015, Replace pbs main by installing 1,585' - 4" pe and 2,735' - 2" pe. (ISRS)	393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	008247	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	27.07	Approved by: Joe Hampton on 04/24/2015, ISRS Replace 647' of 6" cast iron and 296' of 4" cast iron with 45' of 4" PE and 905' of 2" PE due to cast iron breaks and graphitization. New main to be tied into System C-175KCLS MOP= 50PSIG MAOP= 58PSIG. Cast iron main to be abandoned on C-001 System MOP= 1.10PSIG MAOP= 2.20PSIG. Tie over services - 9. There are 4 service line replacements, to be charged to blanket work order. 3606 E 58th Street, 5728 Askew, 5732 Askew and 5800 Askew. Service regulators will need to be changed.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008271	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	375.47	Approved by: Joe Hampton on 04/03/2015, Replace and Abandon 118'- 2", PE (891279), 450'- 2", PCS (681269), 103'- 2", PCS (59501), 499'- 2", PBS (26419), 234'- 2", PBS (23760), 275'- 2", PCS (665542), 66'- 2", PCS (710995), 608'- 2", PBS (24873), 315'- 2", PCS (790633), 80'- 2", PE (810997), 147'- 2", PCS (684865), and 115'- 2", PCS (644349). Main currently runs on Columbia Ave, Lake St, Daisy St, Union Ave and S. Locust St-Highway 127. ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008360	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	73,951.68	Approved by: Joe Hampton on 05/07/2015, ISRS, Replace and abandon a total of 794' of PBS, 14,567' of Cast Iron, and 725' of PE in Sector 0306 with 9,400' of 2" PE and 5,071' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 21 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 190 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008361	Replace steel & plastic main	Addition	ISRS-Other	201602	2.31	Approved by: Gary Williams on 05/06/2015, Relocate 294' of existing 4" PE main with 144' of 2" PE at the intersection of NW 74th Street and NW Mace. The existing 4" PE was laid outside the existing 15' U/E interfering with the private landowner necessitating the relocation and replacement. This replacement includes one tie-over service. Pressure System: S-694; Division 12 Town 51 Sector 7305 MAOP: 58 psig, MOP: 50 psig, TEST PRESSURE: 100 psig.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008362	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	(6.16)	Approved by: Gary Williams on 05/06/2015, ISRS Relocate 40' 4" PE while abandoning 30' 4" PE due to City Curb and Gutter improvements on North Jackson Avenue. 4" line was previously replaced in 2013. Improvement design has changed and curb inlet is now proposed over existing 4" line necessitating the relocation. NOTE: FIELD CREW TO COORDINATE WITH SKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MAOP: 35 psig, MOP 35 psig, TEST PRESSURE: 100 psig	393.1009 (5) (C)	
376300-Mains - Plastic	008372	Replace bare steel main - safety re	Addition	ISRS-Other	201602	396.54	Approved by: Joe Hampton on 05/07/2015, ISRS Main Replacement project: Replace and abandon existing mains on C-01 pressure system with 5796' - 2" of PE on C-04 intermediate pressure on Hilltop Rd., Walnut St., Winterwood Ln., Valley Brook Ln., Bryce Rd., Castle Ln., and Strader Terr. Summary of main to abandon (see pipe tab for details). Note: DRS #107 to be retired on separate work order. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008389	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	54,979.67	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 415' of PBS, 12,570' of CI, and 373' of PCS in Sector 0306 with 12,190' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 30 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 199 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008390	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201602	(31.55)	Approved by: Joe Hampton on 05/11/2015, 5/5/3. Replace 8" CI from 3007 Wayne st. to 3035 Wayne st. due to multiple leaks. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008393	Replace steel & plastic main	Addition	ISRS-Other	201602	(13.38)	Approved by: Gary Williams on 05/11/2015, Replaced 5' of 3" PCS and removed a valve due to leak. Installed 5' of 3" PCS. Pressure system C-026. Valve not replaced.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008395	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	59,313.24	Approved by: Joe Hampton on 05/11/2015, ISRS Replace and abandon a total of 11,902' of CI, 1,204' of PBS and 238' of PCS in Sector 0306 with 11,970' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 42 services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 175 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008401	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	897.05	Approved by: Joe Hampton on 05/11/2015, Install 5,165'- 2" pe main to replace and abandon 2" and 4" pbs and pcs main. Main currently runs on Franklin St, Bridge St, Ridge St, Mill St, Washington St, and Jefferson St. (ISRS)	393.1009 (5) (a) (b)	A,B,C

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376100-Mains - Steel	008406	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	423,349.02	Approved by: Joe Hampton on 05/11/2015. The City of Kansas City is rebuilding Lee's Summit Road from Colbern to Gregory - City of LS Project STP-3301 (455). This work order is for the 8" relocation between 85th and Gregory, in KCMO. The 8" Liberty Lateral purchased in the ground from Panhandle in 1964 was laid in 1935 in private easements. The main is in conflict with proposed storm in right of way where it crosses the road north of 83rd Street. Replacing this entire stretch of 8" bare steel main will lower O&M costs and align the main in easements closer to the improved road reducing potential conflicts with new development. 10% of the production welds will be X-rayed. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008442	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	3,702.55	Approved by: Joe Hampton on 05/13/2015. Replace and Abandon 4" and 2" pbs main by installing 400' - 4" pe and 3,380' - 2" pe main (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008529	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	43,329.76	Approved by: Kevin Driskell on 05/19/2015. Replace and abandon 909' - 2" pbs main and 224' - 2" pcs main by installing 1,160' - 2" pe main. Existing main lies in an alley and is exposed in several areas. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008530	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(133.87)	Approved by: Joe Hampton on 05/19/2015. Replace and Abandon Main in Sweet Springs, MO. Abandon 1331' of 2" PBS, 130' of 2" PCS, 2166' of 4" PBS, 174' of 4" PCS, 395' of 2" PE and 368' of 1.25" PE. Install 1670' of 2" PE on Blackwater St, West St, and Ray St. Install 3100' of 4" PE along Ray St and S. Locust St. (ISRS project)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008532	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	39,590.70	Approved by: Joe Hampton on 05/19/2015. ISRS Main Replacement project: Replace and abandon existing mains on C-500 pressure system with 6,665' - 4" of PE and 1,225' - 2" PE on Allen Rd from Hwy 24 to Kentucky and on Swearingen Rd. 112 tie-overs. Summary of main to abandon (see pipe tab for details). (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008533	Replace bare steel main - safety re	Addition	ISRS-Other	201602	7,560.48	Approved by: Gary Williams on 05/20/2015. Replace 305' of 2" b/s with 2" PE and 128' of 4" b/s with 4" PE due to down project.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008537	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(11.14)	Approved by: Joe Hampton on 05/21/2015. Replace 2069' of CI with 1235' of 4" PE. There is an AOR at 900 E.21st Street due 08/20/2015. Some of the main being killed out will not need to be replaced because of not having any services in the area. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008538	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(1,103.64)	Approved by: Joe Hampton on 05/20/2015. Replace and Abandon existing 2", 4" and 6" pbs, pcs and pe main (See pipe tab) by installing 4,549' - 2" pe main. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008543	Replace bare steel main - safety re	Addition	ISRS-Other	201602	17.30	Approved by: Michael Fornelli on 05/20/2015. Replace 310' 3" PBS (WO None), 305' 2" PBS (WO 47622), & 130' 1 1/4" PE (WO 791267) with 590' 2" PE due to 3 repaired leaks and 1 active leak (11-0028). Project Location: Daugherty St W of Walker Ave. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$35.01.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008546	Replace bare steel main - safety re	Addition	ISRS-Other	201602	1,962.66	Approved by: Joe Hampton on 05/19/2015. Replace 1784' 4" PBS (WO's 15926, 57532, 37544, & 614579), 311' 4" PCS (WO 655226), 390' 2" PCS (WO's 614512 & 790659), & 488' 2" PE (WO 781066) with 1860' 4" PE & 50' 4" PCS due to 1 active leak (13-074) & 5 repaired leaks. Project Location: Illinois Ave between 11th St & 15th St. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$59.10.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008548	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	43,448.22	Approved by: Gary Williams on 05/20/2015. Replace approximately 50' of 8" CI with 8" PCS due to AOR. This replacement is due 08/09/2015. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008548	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(43,448.22)	Approved by: Gary Williams on 05/20/2015. Replace approximately 50' of 8" CI with 8" PCS due to AOR. This replacement is due 08/09/2015. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008549	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	3,175.09	Approved by: Joe Hampton on 05/19/2015. Main Replacement project: Replace and abandon existing mains on C-200 KCLS pressure system with 3,590' - 2" of PE on 79th St, Hunter Ave, Tennessee Ave, and Manning Ave. 48 tie-overs. Summary of main to abandon (see pipe tab for details): 1,085' - 2" PBS, 1,561' - 3" PBS, 266' of 2" PCS, and 239' of 3" PCS. Price per ft = \$31.66. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008630	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	58,153.25	Approved by: Kevin Driskell on 05/27/2015. Replace bare steel in Fayette on Spring Street between Park Rd and Herndon St. Install 1209' of 2" PE. Abandon 825' of 2" BS, 290' of 3" BS and 100' of 2" CS. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008632	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	4,424.10	Approved by: Joe Hampton on 05/28/2015. Replace and Abandon 2" pbs, pcs and pe main by installing 2,010' - 2" pe and 2,585' - 4" pe main (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008635	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(4,775.97)	Approved by: Joe Hampton on 05/19/2015. ISRS. Replace and abandon a total of 10,126' of Cast Iron in Sector 0306 with 6715' of 2" PE and 2590' OF 4" PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP. 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 28 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 88 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008636	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	0.82	Approved by: Joe Hampton on 05/28/2015. Replace and Abandon 40' - 2" PBS (N/A), 140' - 2" PBS (S-79), 168' - 2" PBS (S-90), 75' - 2" PBS (11513), 822' - 2" PBS (A1115), 326' - 2" PBS (12463), 134' - 2" PBS (28360), 172' - 2" PBS (11196), 1881' - 6" PBS (4034), 765' - 2" PBS (A1117), 198' - 2" PBS (28113), 158' - 2" PBS (664397), and 252' - 2" PCS (700031). Main currently runs on 4th Ave, 5th Ave, 17th St, 15th St and 12th St.	393.1009 (5) (a) (b)	A,B,C

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376300-Mains - Plastic	008639	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	5,346.98	Approved by: Joe Hampton on 05/28/2015, ISRS Replace and Abandon 2670'- 4" PBS (131), 95'- 4" PCS (73610), 295'- 2" PBS (16207), 19'- 2" PBS (16613), 95'- 2" PBS (12567), 114'- 2" PBS (17795), 18'- 2" PBS (19321), 119'- 2" PBS (22445), 276'- 2" PBS (23736), 58'- 2" PBS (31648), 42'- 2" PBS (32260) and 355'- 4" PBS (240). Main currently runs on 15th Terrace/Maywood Ave, Willow Ave, Raiston Ave, Hillpark Terr/Hedges Ave and Northern Blvd.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008640	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	248.09	Approved by: Joe Hampton on 05/28/2015, Replace and Abandon 2" and 4" pbs, pcs and pe main by installing 4,975' - 2" pe main. Estimate = \$35.27 per foot (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008677	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(1,449.36)	Approved by: Joe Hampton on 06/01/2015, Replace main on Main St, Parker St, Bridge St, Patrick St, and the alleyway between Main St and Ray St with 2" PE. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008681	Street & highway relocates - safety	Addition	Public Improv	201602	(148.59)	Approved by: Kevin Driskell on 06/03/2015, Relocate 186' of 2" PBS, 176' of 2" PCS, and 405' of 3" PBS on System C-2 along C Street between Maiden Lane and Porter Ave. This relocation is necessitated by public improvements of the City of Joplin. Division: 05 Town: 01 Sector: 0016 Pressure System: C-002 MAOP: 1.1 psig MOP: 1.1 psig Design: 66 psig Test: 100 psig ISRS	393.1009 (5) (C)	
376300-Mains - Plastic	008682	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	955.50	Approved by: Joe Hampton on 06/01/2015, Replace and Abandon 359'- 2", PE (862827), 103'- 4", PCS (942723), 1013'- 4", PBS (A5299A), 13'- 4", PCS (912171), 700'- 4", PBS (A5299A), 374'- 4", PCS (871511), and 141'- 6", PCS (691840) by installing 2,230' - 6" pe, 1,080' - 4" pe and 360' - 2" pe main. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008683	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(211.78)	Approved by: Joe Hampton on 06/01/2015, Retire and abandon 1,739' - 4" pbs, 264' - 6" pbs, 1,610' - 4" pcs main by installing 3,090' - 4" PE along Miller St, Virginia Ave and N. Locust St. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008758	Replace bare steel main - safety re	Addition	ISRS-Other	201602	2,577.24	Approved by: Gary Williams on 06/22/2015, Replace 621' of 3" PBS with 4" PE due to leaks. Pressure system C-001. There will be 19 tie overs. House #433 W. 61st Ter is a replacement service.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008790	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	74.77	Approved by: Gary Williams on 06/25/2015, Relocate approximately 485' of 4" PCS due to public improvement. There will be a major cut in grade as well as street realignment. Coordinate with engineering to ensure everything is staked accordingly before construction. Will need a MODOT permit. Pressure system S-145.	393.1009 (5) (C)	
382000 Meter Installations-MGE	008797	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201602	(2.21)	Approved by: Kevin Driskell on 06/28/2015, 20 Year SLRP at Chapel Hill Church - 3108 SW 40 Highway (mtr #00239825, premise #323490). Rebuild a 3M rotary meter set at the building and remove the AL-1000 meter set at the property line. Total connected load = 2,100 cth.	393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008798	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201602	(726.16)	Approved by: Kevin Driskell on 06/28/2015, 20 Year SLRP at Winstead's - 905 NW 7 Highway (mtr #00237556, installed on WO# 88-5082, premise #389615). Rebuild a 3M rotary meter set at the building and remove the 2M rotary meter set at the property line. Total connected load = 2,000 cth.	393.1009 (5) (a) (b)	A,B,C
382000 Meter Installations-MGE	008799	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201602	(22.15)	Approved by: Kevin Driskell on 06/28/2015, 20 Year SLRP at RLDS Church - 1101 NE Independence Ave (meter #07902657, installed on unknown WO, premise #366994). Rebuild a 3M rotary meter set at the building and remove the 1.5M rotary meter set at the property line. Total connected load = 1,990 cth.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008806	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	221.49	Approved by: Joe Hampton on 06/26/2015, Replace and Abandon pbs and pcs main by installing 5,560' - 2" pe main - Accelerated Main Replacement program. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008808	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(136.04)	Approved by: Joe Hampton on 06/29/2015, Install 2,620' - 2" pe main to replace 2" pbs and 2" pcs main as part of the total town main replacement project. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	008809	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	(394.50)	Approved by: Ray Wilson on 06/29/2015, ISRS Relocate approximately 50' of 6" PCS due to sewer improvements. 6" PCS will need to be lowered to approximately 7'. Coordinate with engineering for staking prior to construction. Pressure system S-114A.	393.1009 (5) (C)	
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201602	1,206.66	Approved by: Kevin Driskell on 07/06/2015, This Work Order is necessary to clear CP 15-45 by replacing 369' of 3" PCS, 126' of 2" PCS and 178' of 2" PBS. Install 495' of 4" PE and 175' of 2" PE. ISRS.	393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	008891	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	4,689.52	Approved by: Gary Williams on 07/07/2015, ISRS Inlet and Outlet piping for relocated DRS 103 from 51st and Brookside to 51st and Wyandotte (new DRS 763), a new right hand turn lane will be installed at the existing location of DRS 103 which is in a vault.	393.1009 (5) (C)	
376300-Mains - Plastic	008894	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	(407.53)	Approved by: Joe Hampton on 07/07/2015, Install 3,950' - 4" PE, 25' - 4" PCS and 50' - 2" PE main along US Highway 40 and Miller St. as part of the total town main replacement. 2,352' - 3" bare steel main will be abandoned on this work order. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008895	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	2.09	Approved by: Joe Hampton on 07/01/2015, ISRS Relocate 4" PCS with 4" PE along W 19th st. for public improvement. The city is adding a new storm sewer along the north side of 19th with several boxes along the way. Coordinate with engineering for staking of the boxes and piping. 4" PE needs to be in 8" casing 10' deep under the railroad tracks. Pressure system C-007.	393.1009 (5) (C)	
376300-Mains - Plastic	008897	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	954.94	Approved by: Joe Hampton on 07/07/2015, Replace and Abandon 2" PBS, PCS and PE main by installing 3,900' - 2" pe main as part of the whole town main replacement. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008907	Replace bare steel main - safety re	Addition	ISRS-Other	201602	3,194.79	Approved by: Kevin Driskell on 07/06/2015, This Work Order is necessary to clear CP 15-47 by replacing 172' of 4" PBS that had a reading of -940 mV. Abandon 172' of 4" PBS. Install 180' of 4" PE. ISRS.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008961	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	122.28	Approved by: Joe Hampton on 07/09/2015, Replace and Abandon 2" PBS, PCS and PE main as part of the whole town main replacement project. (ISRS)	393.1009 (5) (a) (b)	A,B,C

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	008969	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201602	901,136.23	Approved by: Joe Hampton on 07/20/2015. ISRS. Relocate gas mains throughout the area for public improvement project. Coordinate with engineering before construction in order to stake proposed storm structures in the area. Pressure system C-051. Total retirement - 1.25' PBS = 299'. 2' PBS = 4,784'. 3' PBS = 1,352'. 4' PBS = 1,032'. 6' PBS = 642'. 8' PBS = 1,303'.	393.1009 (5) (C)	
376100-Mains - Steel	008970	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	6,892.46	Approved by: Joe Hampton on 07/22/2015. Relocate 1,150' of 12" PCS due to public improvement. Existing 12" PCS is in conflict with proposed grade. Main will need to be lowered approximately 4' and moved to the west about 6'. Coordinate with engineering before construction. ISRS	393.1009 (5) (C)	
376100-Mains - Steel	009123	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	66,942.50	Approved by: Joe Hampton on 08/01/2015. ISRS Relocate 12" PCS main due to public improvement new storm structure and grade cut. Pressure system C-039 - 135 psig. Coordinate with engineering for staking at least 2 weeks before construction.	393.1009 (5) (C)	
376300-Mains - Plastic	009136	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(430.71)	Approved by: Michael Fornelli on 08/10/2015. Abandon 317' of 2" PBS, 411' of 2" PCS and 22' of 1" PCS and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel.	393.1009 (5) (a) (b)	A,B,C
380100-Services - Steel	009217	BWO Service Line Repl - ISRS (N)	Addition	Blanket WO	201602	(564.64)	Billings, MO. Division: 08 Town: 13 Sector: A1513 Pressure System: S-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 66 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33.73/ft (24,961.98)	393.1009 (5) (a) (b)	A,B,C,I
380100-Services - Steel	009218	BWO Service Line Repl - ISRS (S)	Addition	Blanket WO	201602	(1.98)	Replace service lines with steel - North Region	393.1009 (5) (a) (b)	A,B,C,I
380100-Services - Steel	009219	BWO Service Line Repl - ISRS (SW)	Addition	Blanket WO	201602	6,771.98	Replace service lines with steel - North Region	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	009225	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	329,770.41	Approved by: Joe Hampton on 08/20/2015. Replace and Abandon 208'- 2" PCS (632758), 189'- 2" PBS (N/A), 165'- 4" PBS (620877), 40'- 4" PCS (620877), 472'- 4" PCS (620377), 100'- 2" PCS (631629), 187'- 2" PBS (N/A), 340'- 2" PBS (29254), 190'- 2" PCS (54421), 63'- 4" PCS (95613), 210'- 4" PCS (631108), 588'- 2" PE (940477), 467'- 2" PCS (682485), 10'- 4" PBS (A1916), 287'- 4" PBS (631108), 2370'- 4" PCS (631108), 201'- 2" PBS (N/A), 32'- 2" PBS (N/A), 115'- 2" PCS (571040), 157'- 2" PCS (641253), 129'- 3" PCS (641253), 222'- 2" PBS (N/A), 320'- 2" PE (996666), 162'- 2" PCS (614718), 105'- 2" PCS (633788), 155'- 2" PCS (611299), 300'- 3" PBS (21901), 62'- 3" PBS (23118), 408'- 2" PCS (641253), and 378'- 3" PBS (21841). Uprate 454'- 2" PCS(A9379), 220'- 2" PCS (641253), and 102'- 2" PE (940477) to 30 psi. Main currently runs on HWY 131/Lexington St, Olive St, Market St, and Main St in between Ninth St & sixteenth St.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009227	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	82.86	Approved by: Joe Hampton on 08/23/2015. Replace and abandon 1,100' - 4" pbs main by installing 1,100' - 4" pe main to clear a leak. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009228	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	185,325.46	Approved by: Joe Hampton on 08/20/2015. Replace and Abandon 147'- 3" PCS (56877), 231'- 3" PCS (675786), 231'- 3" PCS (694723), 126'- 3" PCS (730896), 667'- 2" PCS (730654), 61'- 2" PCS (641253), 40'- 2" PCS (56876), 639'- 2" PCS (A8660), 105'- 2" PCS (64388), 384'- 2" PBS (46127), 154'- 2" PBS (40795), 200'- 3" PBS (29304), 210'- 3" PBS (40881), 507'- 3" PBS (A5600), 105'- 3" PBS (53971), and 848'- 4" PCS (631108). Main currently runs on HWY 131/Lexington St, Market St, and Main St. south of Sixteenth St. Also uprate 2" PE, 3" PE, 4" PE, 3" PCS and 4" PSCS along 19th, 20th, Main St, Pine St and Vine St. Also uprate 2" PE, 3" PE, 4" PE, 3" PCS and 4" PSCS along 19th, 20th, Main St, Pine St and Vine St.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009231	Replace bare steel main - safety re	Addition	ISRS-Other	201602	316,334.99	Approved by: Joe Hampton on 08/19/2015. ISRS Replace and abandon a total of 3,285' of 4" PBS and 3,874' of 2" PBS with 7,493' of PE. Services to be replaced are to be charged to a service replacement blanket work order. 144 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures. Pressure system C-026	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009236	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(2,896.55)	Approved by: Joe Hampton on 08/19/2015. Replace 6' 4" PE (WO 046290), 15' 2" PE (WO 023456), 32' 2" PCS (WO 941652), 84' 4" PBS (WO 39203), 281' 3" PBS (WO 11605), and 2793' 2" PBS (WO's None, 3746, 13490, 16238, 3723, 12327, 12716, and 3734) with 2995' 2" PE due to isolated bare steel and poor pipe conditions. Project Location: Wall Ave between 23rd St and 30th St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 66 PSIG. Test: 100 PSIG. Services: 29 Leaks: 0 Price: \$38.48/ft (\$115,287.73) ISRS	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009239	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(752.91)	Approved by: Michael Fornelli on 08/19/2015. Abandon 122'- 2" PBS(WO#:16480) and 256'- 2" PBS (WO#:13944) with 390' 2" PE. This PBS Main is in poor condition and has had one repaired leak. D.05 T.12 S: 0133 MOP=42# MAOP=42# TEST=100# SYSTEM=C-1 ISRS \$31.84/ft	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	009249	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	529.75	Approved by: Gary Williams on 08/26/2015. AOR - Replace 40' of 8" Cl with 8" PE. Due 09/23/2015 Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009249	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(773.19)	Approved by: Gary Williams on 08/26/2015. AOR - Replace 40' of 8" Cl with 8" PE. Due 09/23/2015 Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009251	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	(90.98)	Approved by: Gary Williams on 08/26/2015. AOR - due 10/01/2015 - Replace 70' of 6" Cl and 37' of 6" PBS with 4" PE. Pressure system C-001.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009252	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	64,401.67	Approved by: Kevin Driskell on 08/25/2015. Replace 2" and 4" pbs main in alley (ISRS)	393.1009 (5) (a) (b)	A,B,C
376101-MGE-Mains Steel-Transmission	009253	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	33,259.92	Approved by: Joe Hampton on 08/25/2015. MGE intends to hydrotest the Odessa Lateral 12" pcs transmission main for Pipeline Integrity purposes. We are contracting with JP Hydroservices for the hydrotest portion. The line will be hydrotested from Buckner Tansney Road in Grain Valley to Lee's Summit Road. Per Kent Alms 11-15 - this phase 1 of the Grain Valley Hydrotest project is complete. Phase 2 will be done in FY2016 under new WO - AMM	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009254	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	159,460.17	Approved by: Joe Hampton on 08/25/2015. Replace and abandon 745' - 4" pbs and 394' - 2" pbs main by installing 1,275' - 2" pe main - ARP (ISRS)	393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2015 - December 2015

Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
376300-Mains - Plastic	009274	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(10,664.76)	Approved by: Gary Williams on 08/31/2015, Replace and Abandon 180'- 3" PCS (41083), 146'- 2" PBS (a21987), 2'- 2" PBS (780889), 201'- 2" PBS (1920), 48'- 1 1/4" PE (973874), 15'- 2" PCS (780889), 309'- 2" PCS (650094). Main currently runs on 4th St in between Cherry St to Campbell St.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	009276	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201602	313.19	Approved by: Joe Hampton on 08/31/2015, Replace 1004' PE (WO's 013422, 16215, E339622, 941087, 941187, 731240, 33872, 39781, 43597, 686138, 963583) and 1.387' PBS (WO: N/A) and replace with 2,605' due to isolated bare steel and poor pipe conditions. This replacement will also loop and reinforce segments of the system. Project Location: Zora Ave - Lincoln to Highview. System: C-100. MOP: 30 PSIG. MAOP: 30 PSIG. Design: 66 PSIG Test: 100 PSIG D: 05 T: 01 S: 0001 Services: 25 Repaired Leaks: 13 \$41.29/ft (\$107,558.69.)	393.1009 (5) (C)	
376300-Mains - Plastic	009277	Replace bare steel main - safety re	Addition	ISRS-Other	201602	73,175.32	Approved by: Joe Hampton on 08/31/2015, Replace 7' 4" PE (WO 931814), 369' 4" PCS (WO's 735839, 737089, & 760372), & 907' 4" PE with 1,320' 4" PE due to cathodic issues (CP-15-048). Project Location: School Ave between North St & Broadway St. 0 Leaks, 3 Services. System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 66 PSIG. Test: 100 PSIG. ISRS \$48.36/ft (\$63,856.18).	393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	009278	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	58,178.33	Approved by: Gary Williams on 07/07/2015, ISRS Relocate DRS 103 from 51st and Brookside to 51st and Wyandotte (new DRS 763), a new right hand turn lane will be installed at the existing location of DRS 103 which is in a vault. Retire 2 Singer Axial Flow 2' Regulators from existing DRS 103.	393.1009 (5) (C)	
376300-Mains - Plastic	800021	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	126,866.74	Install approximately 980ft of 2in PE. Abandon approximately 267ft of 3in PE, 550ft of 3in BSTL, and 109ft of 4in CI. The 4" CI was in AOR and the replacement is due 10/28/2015.	393.1009 (5) (a) (b)	A,B,C
380100-Services - Steel	800021	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	289.58	Install approximately 980ft of 2in PE. Abandon approximately 267ft of 3in PE, 550ft of 3in BSTL, and 109ft of 4in CI. The 4" CI was in AOR and the replacement is due 10/28/2015.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800027	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	259,658.07	Install 2,615 feet of 2 inch plastic main to retire 2,564 feet of bare steel main and 45 feet of coated steel main to clear cp15-02 - S. Home, S Hall, E22nd and S Cedar Ave.	393.1009 (5) (a) (b)	A,B,C
380100-Services - Steel	800027	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	1,086.41	Install 2,615 feet of 2 inch plastic main to retire 2,564 feet of bare steel main and 45 feet of coated steel main to clear cp15-02 - S. Home, S Hall, E22nd and S Cedar Ave.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	800027	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	33,209.67	Install 2,615 feet of 2 inch plastic main to retire 2,564 feet of bare steel main and 45 feet of coated steel main to clear cp15-02 - S. Home, S Hall, E22nd and S Cedar Ave.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800029	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	49,396.41	Install 520' of 2" PE and 230' of 4" PE. Abandon 151' of 3" STL, 122' of 2" STL, 5' of 4" STL, 340' of 6" CI. Replacing Cast iron due to AOR. Due 11/13/2015	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	800029	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	67.51	Install 520' of 2" PE and 230' of 4" PE. Abandon 151' of 3" STL, 122' of 2" STL, 5' of 4" STL, 340' of 6" CI. Replacing Cast iron due to AOR. Due 11/13/2015	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	800031	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	879.18	Install 20ft of 6in PE and abandon 200ft of 8in cast iron at 2021 Elmwood due to Angle of Repose. Due 11/13/2015	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800031	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	18,100.91	Install 20ft of 6in PE and abandon 200ft of 8in cast iron at 2021 Elmwood due to Angle of Repose. Due 11/13/2015	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	800031	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	871.45	Install 20ft of 6in PE and abandon 200ft of 8in cast iron at 2021 Elmwood due to Angle of Repose. Due 11/13/2015	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800034	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	91,746.76	Install 755' of 2" PE. Abandon 260' of 2" STL and 360' of 2" PE on 15th & Main St. Relocation due to Road improvements.	393.1009 (5) (C)	
380200-Services - Plastic & Copper	800034	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	297.15	Install 755' of 2" PE. Abandon 260' of 2" STL and 360' of 2" PE on 15th & Main St. Relocation due to Road improvements.	393.1009 (5) (C)	
376300-Mains - Plastic	800036	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	2,107.55	Estimates also include 40ft of 2in Pls	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800114	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	134,684.87	Install 1400 Ft of 4 in PL IP main for Webb City Phase 1A. Abandon 1282 Ft of 4 in PBS IP and 27 Ft of 4in PL IP main at the same location. Project includes 5 Service Tie-Overs and 2 Abandonments. FY16 Bare Steel Replacement Program.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800115	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	663,464.42	Install 2150 Ft of 4 in and 4450 Ft of 2 in PL IP main - Webb City Ph1B. Abandon 3467 Ft of 2 in PBS, 1585 Ft of 2 in PCS, 210 Ft of 3 in PBS, 732 Ft of 3 in PCS, 1029 Ft of 4 in PBS, 19 Ft of 4 in PCS, 57 Ft of 2 in PL, and 91 Ft of 4 in PL LP-. Main is being replaced as part of the FY 2016 Bare Steel Main Replacement Program.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	800115	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	12,514.86	Install 2150 Ft of 4 in and 4450 Ft of 2 in PL IP main - Webb City Ph1B. Abandon 3467 Ft of 2 in PBS, 1585 Ft of 2 in PCS, 210 Ft of 3 in PBS, 732 Ft of 3 in PCS, 1029 Ft of 4 in PBS, 19 Ft of 4 in PCS, 57 Ft of 2 in PL, and 91 Ft of 4 in PL LP-. Main is being replaced as part of the FY 2016 Bare Steel Main Replacement Program.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800116	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	298,153.70	Install 2405 Ft of 2 in and 2275 Ft of 4 in PL IP main for Webb City Ph 1C. Abandon 595 Ft of 3 in PBS, 2753 Ft of 3 in PCS, 80 Ft of 3 in PL, and 1243 Ft of 4 in PCS LP main.- Uprate ~240' of 1-1/4" PL LP, ~ 750' of 2" PL LP, and ~1071' of 3" PL LP main to IP. Total Service Estimate: 47 Service Tie-Overs, 4 Service Replacements, 6 Service Abandons and 23 Service Upgrades. Main is being replaced as part of the FY 2016 Bare Steel Main Replacement Program.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	800116	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	6,667.38	Install 2405 Ft of 2 in and 2275 Ft of 4 in PL IP main for Webb City Ph 1C. Abandon 595 Ft of 3 in PBS, 2753 Ft of 3 in PCS, 80 Ft of 3 in PL, and 1243 Ft of 4 in PCS LP main.- Uprate ~240' of 1-1/4" PL LP, ~ 750' of 2" PL LP, and ~1071' of 3" PL LP main to IP. Total Service Estimate: 47 Service Tie-Overs, 4 Service Replacements, 6 Service Abandons and 23 Service Upgrades. Main is being replaced as part of the FY 2016 Bare Steel Main Replacement Program.	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800227	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	38,343.44	Install 450' of 2" PE. Abandon 500' of 6" CI at Valentine & Terrace St. This replacement is due to graphitization and the compliance date is 02/09/2016	393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
 ISRS Work Order Additions September 2015 - December 2015

<u>Utility Account</u>	<u>New Work Order No.</u>	<u>Funding Project Description</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
380200-Services - Plastic & Copper	800227	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	10,024.02	Install 450' of 2" PE. Abandon 500' of 6" CI at Valentine & Terrace St. This replacement is due to graphitization and the compliance date is 02/09/2016	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	800228	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	22,312.59	Install 464' of 4" PE. Abandon 439' of 6" CI - 31st St & College Ave. This replacement is due to graphitization and compliance date is 02/10/2016.	393.1009 (5) (a) (b)	A,B,C
380200-Services - Plastic & Copper	800228	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	2,003.12	Install 464' of 4" PE. Abandon 439' of 6" CI - 31st St & College Ave. This replacement is due to graphitization and compliance date is 02/10/2016.	393.1009 (5) (a) (b)	A,B,C
376100-Mains - Steel	800245	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201602	35,097.43	Install 20' of 8" STL. Abandon 20' of 8" STL. 8700 Elmwood Ave. The relocation is due to a conflict with a public improvement project.	393.1009 (5) (C)	