

Missouri Gas Energy - MOE
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	005012	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	456,940.97	Approved by: Steve Holcomb on 04/14/2014. Abandon 161' - 2" PBG (WO#s: NONE, 44480), 10' - 2" PCS (WO# 61-2262), 170' - 3" PBG (WO# 63-2361), 832' - 3" PCS (WO#s: 61-1686, 66-5918), 170' - 4" PBG (WO#s: A4563N, 48208), 13' - 4" PCS (WO# 66-5917), 2107' - 6" PBG (WO# A5145A), 51' - 6" PCS (WO# 72-0927), 10' - 8" PCS (WO# 89-3016), 122' - 1.25" PE (WO# 90-0305), and 60' - 4" PE (WO# 89-1647). Replace with 50' - 2" Trinitite, 225' - 2" PE, 815' - 4" PE, and 3955' - 6" PE due to drastically worn heads (CP#13-104) and to clear three (3) active #3 Leaks (Leak No.'s: 13-057, 13-066, 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 DRG D1-30-C. This work order will also replace the outlet piping and install a remote outlet valve for DRG D1-37-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: 50 psig; Test: 100 psig; ISRS: \$54,527.	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 04/16/2014. Replace and abandon 165' - 2" pbe main (1940 wo 22803), 250' - 2" pbe main (1650 wo 23147), 120' - 2" pbe main (1852 wo 34613), 119' - 2" pbe main (1950 wo 23147), 33' - 2" pbe main (1932 wo 35405), 272' - 2" pbe main (1853 wo 38802) 220' - 2" pbe main (1852 wo 51363) and 50' - 2" pbe main (wo 67-3127) by installing 1,200' - 2" pe main. Recent visual inspection during last 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 04/16/2014. The existing bridge valve setting installed in 1901 on the original Chain Valley lateral feeding DRG 1 is leaking. Replace the bridge and inlet/outlet to DRG 1 on WOF 14-3475. Rebuild DRG 1 on WOF 14-3474. Main to abandon: 105' - 12" PCS (WO# 61-1515), 80' - 6" PCS (WO# 61-1486), INLET/OUTLET to DRG #1: 61' - 8" PCS AND 45' - 4" PCS (WO# 63-1033).	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 3420' - 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 9530 E 31st that would require us to relocate 4" PCS (from 1953). This main is on a single lead pressure system near the dead end (E-172). MOP = MAOP = 2 psig. fed from 29th and Westport Rd. There is a lot of PBG main in the 3-179 pressure system and we would like to eventually replace all steel main in the system with PE to retire the DRG. By performing this WO we will take the dead end 1960' 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 sections (E2-D1-1303). Main to retire: 575' - 4" PBG (WO# A2931); 382' - 4" PCS (WO# A4229); 260' - 2" PBG (WO# 29534); 18' - 2" PBG (WO# 37664); 120' - 2" PBG (WO# 38338); 50' - 2" PBG (WO# 46564); 62' - 4" PBG (WO# 48327); 242' - 2" PBG (WO# 40148); 54' - 2" PBG (WO# 53018); 32' - 4" PBG (WO# 53017); 661' - 4" PCS (WO# 61-1523); 504' - 2" PCS (WO# 66-7677); 50' - 4" PCS (WO# 71-3085); 2' - 4" PCS (WO# 86-1257); 160' - 2" PE (WO# E323574). (ISRS) Price per ft = \$33.49	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 DRG 1 near OODA on RD Mize on WOF 14-3474. The existing station (built on WOF 03-1933) is undersized and fed from the original bridge valve setting installed in 1901 which is leaking. Replace the inlet/outlet underground piping and bridge valve setting on WOF 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 DRG 1 near OODA on RD Mize on WOF 14-3474. The existing station (built on WOF 03-1933) is undersized and fed from the original bridge valve setting installed in 1901 which is leaking. Replace the inlet/outlet underground piping and bridge valve setting on WOF 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 DRG 1 near OODA on RD Mize on WOF 14-3474. The existing station (built on WOF 03-1933) is undersized and fed from the original bridge valve setting installed in 1901 which is leaking. Replace the inlet/outlet underground piping and bridge valve setting on WOF 14-3475.	393.1009 (5) (a) (b)	A,B
	005042 Total					(11,332.17)			
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 300' - 4" pbe main (A27504), 440' - 4" pbe main (625615), 54' - 4" pbe main (860394) and 25' - 2" pbe main (625273) by installing 882' - 4" pe main and 25' - 2" pe main. We tend the City/Independence 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: Dave 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 WOF 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 WOF 14-3515 and WOF 14-3547, so all service tie-overs will require an EPV and regulator change out for the increased pressure. Main to abandon: 2017' - 2" PDS; 166' - WOF 12450; 191' - WOF 13267; 309' - WOF 13659; 219' - WOF 13780; 168' - WOF 14005; 62' - WOF 14382; 112' - WOF 17365; 304' - WOF 25841; 66' - WOF 30825; 42' - WOF 40653; 74' - WOF 43830; 300' - WOF 50940; 1655' - 4" PDS; 663' - WOF A1141; 279' - WOF A1971A; 623' - WOF J07085; 126' - 2" PDS (WOF 61281); 04' - 2" PDS (WOF 61-1812); 119' - 4" PDS (WOF 03-0673); 80' - 2" PDS (WOF 79-0303); 40' - 4" PE (WOF 90-3723). (ISRS) 95 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 Distell on 03/25/2014. 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 James on 05/12/2014. In 2003 the existing CI and PBG main at Evanston, Overton Terr, and 34th St to Overton was replaced on WOF 03-6022. We were charged for 44 service tie-overs, but discovered recently that we have no service tie-over cards for these. On this W/O, we will cut and cap some of the existing PE in order to isolate the PE from existing PBG 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 EPVs, and change out service regs/offices and document doing so. This will set us up to install new PE main on WOs 14-3515 and 14-3520 on the C-500 pressure system.		
	005273 Total					(51.02)			
376300-Mains - Plastic	005273	Replace steel & plastic main	Addition	ISRS-Other	201510	(7.08)	Approved by: Ralph James on 05/12/2014. In 2003 the existing CI and PBG main at Evanston, Overton Terr, and 34th St to Overton was replaced on WOF 03-6022. We were charged for these. On this W/O, we will cut and cap some of the existing PE in order to isolate the PE from existing PBG 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 EPVs, and change out service regs/offices and document doing so. This will set us up to install new PE main on WOs 14-3515 and 14-3520 on the C-500 pressure system.		
	005273 Total					(7.08)			
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 1073' of 2" PDS & 195' 2" PDS and install 1897' 2" PE and 320' 2" PDS 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-D. WOF: 42 PDS. MAOP: 45 PDS. Design: 58 PDS. Test: 100 PDS. 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: Dave Holcomb on 05/14/2014. Accelerated Main Replacement: This WO is to replace a total of 27,810' of main, mostly PBG 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 DRG 23. It is to be completed after WOFs 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 (WOF 14-3567 and 14-3568, respectively). Please see Pipe tabs for info on main to be retired. (ISRS) Price per ft = \$40.23		
	005291 Total					(1,172.84)			
376300-Mains - Plastic	005291	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(1,172.84)	Approved by: Dave Holcomb on 05/14/2014. Accelerated Main Replacement: This WO is to replace a total of 27,810' of main, mostly PBG 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 DRG 23. It is to be completed after WOFs 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 (WOF 14-3567 and 14-3568, respectively). Please see Pipe tabs 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" PDS with 2" PE due to leak - 5700. Service tie overs 44. Pressure System - C-000. MOP 35 psg, MAOP - 35 psg. Retire DG 2m 500' 1949 13446; DG 2m 1100' 1550 15331; BG 2m 519' 1046 13385; BG 2m 290' 1653 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. Accoalented Main Replacement: This WO is to replace a total of 24,300' of main, mostly PBG in one of our high risk sectors identified through our DIAP plan(09-02-0301) with 3,200' - 4" and 21,200' - 2" PE main. Please see Pipe tabs for info on main to be retired. (DRG) Price per ft = \$36.16.	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. 15ft. Replace and abandon a total of 6,218' of cast iron, 4,862' of PBG, 233' of PE and 622' of PCG main in Sector D306 with 12,365' of 2" and 2,637' of 4" PE. New main will be into the C-175 KCLP 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 sewers are to be performed. A bidgate meeting will need to be scheduled for 1st in 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 Driskel on 06/05/2014. IGRS 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 031026. 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" PBG (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBG (WO#s: NONE, 46688), 2248' - 4" PBG (WO#s: NONE), 1183' - 2" PCG (WO#s: 58803, 61-3302, 61-4532, 73-4772, 90-1083), 1670' - 3" PCG (WO#s: NONE, 59005, 61-0314, 61-5030, 65-0930, 00-0903), 443' - 4" PCS (WO#s: 68-6169, 68-1063), 346' - 1.25" PE (WO#s: 73-5422, 90-5271), 108' - 2" PE (WO#s: 74-4821, 94-1070, 04-7780), 106' - 3" PE (WO#s: 80-0461, 81-0020), and 5' - 4" PE (WO#s: 04-7780). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRG 05-04-1-C (WO#s: 00-1082), 2 - 2" regulators (481-S and 481-573 WO#s: 90-1082), 1 - 2" polyvalve (WO#s: 90-1003), 1 - 3" Kerolux valve (WO#s: 90-1003), 1 - 4" Kerolux valve (WO#s: 90-1083), 1 - 2" weld ball valve (WO#s: 00-0900), and Reducer No. 0376 (WO#s: 78-3308, 97-4860). Remote Monitoring Unit #10-000655 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					(953.31)			
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" PBG (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBG (WO#s: NONE, 46689), 2248' - 4" PBG (WO#s: NONE), 1183' - 2" PCG (WO#s: 58800, 61-3302, 61-4532, 73-4772, 90-1083), 1670' - 3" PCG (WO#s: NONE, 59005, 61-0314, 61-5030, 65-0930, 00-0903), 443' - 4" PCS (WO#s: 68-6169, 68-1063), 346' - 1.25" PE (WO#s: 73-5422, 90-5271), 108' - 2" PE (WO#s: 74-4821, 94-1070, 04-7780), 106' - 3" PE (WO#s: 80-0461, 81-0020), and 5' - 4" PE (WO#s: 04-7780). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRG 05-04-1-C (WO#s: 00-1082), 2 - 2" regulators (481-S and 481-573 WO#s: 90-1082), 1 - 2" polyvalve (WO#s: 90-1003), 1 - 3" Kerolux valve (WO#s: 90-1003), 1 - 4" Kerolux valve (WO#s: 90-1083), 1 - 2" weld ball valve (WO#s: 00-0900), and Reducer No. 0376 (WO#s: 78-3308, 97-4860). Remote Monitoring Unit #10-000655 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		

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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" PBG (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBG (WO#s: NONE, 46698), 2248' - 4" PBG (WO#s: NONE), 1123' - 2" PCG (WO#s: 56893, 61-3302, 61-4262, 73-4772, 90-1083), 1676' - 3" PCG (WO#s: NONE, 59005, 61-5314, 61-5639, 68-0990, 00-0900), 443' - 4" PCG (WO#s: 68-6166, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 94-7799), 106' - 3" PE (WO#s: 80-0461, 81-0929), and 2' - 4" PE (WO#s: 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRP 05-041-C (WO#s: 90-1082), 2 - 2" regulators (461-5 and 461-578 (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: 00-0000), and Rectifier No. 0378 (WO#s: 78-3306, 97-4868). Remote Monitoring Unit #19-800685 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 01 previously repaired leaks on this main. After pipe has been replaced, town of Abbe will be updated to new 5-1 pressure system. MOP: 30 PSIG, MAOP: 59 psig. The work order will leave no bare steel in Abbe. Project Location: Town of Abbe; Pressure System: New 5-1; MOP: 30 psig; MAOP: 59 psig; Design: 59 psig; Test: 100 psig; IGR:		
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" PBG (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBG (WO#s: NONE, 46698), 2248' - 4" PBG (WO#s: NONE), 1123' - 2" PCG (WO#s: 56893, 61-3302, 61-4262, 73-4772, 90-1083), 1676' - 3" PCG (WO#s: NONE, 59005, 61-5314, 61-5639, 68-0990, 00-0900), 443' - 4" PCG (WO#s: 68-6166, 90-1083), 346' - 1.25" PE (WO#s: 73-6422, 90-5271), 168' - 2" PE (WO#s: 74-4821, 94-1070, 94-7799), 106' - 3" PE (WO#s: 80-0461, 81-0929), and 2' - 4" PE (WO#s: 04-7799). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRP 05-041-C (WO#s: 90-1082), 2 - 2" regulators (461-5 and 461-578 (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: 00-0000), and Rectifier No. 0378 (WO#s: 78-3306, 97-4868). Remote Monitoring Unit #19-800685 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 01 previously repaired leaks on this main. After pipe has been replaced, town of Abbe will be updated to new 5-1 pressure system. MOP: 30 PSIG, MAOP: 59 psig. The work order will leave no bare steel in Abbe. Project Location: Town of Abbe; Pressure System: New 5-1; MOP: 30 psig; MAOP: 59 psig; Design: 59 psig; Test: 100 psig; IGR:		
	005456 Total					(118,880.35)		393.1009 (S) (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 PBG due to down project		
	005466 Total					8.61		393.1009 (S) (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" PBG (W.O. 11483711 & Nana), 903' 3" PBG (W.O. Nana), and 33' 3" PE (W.O. 861430 & 881544) due to 1 active leak (2010.00128) and 0 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" PBG (W.O. 11483711 & Nana), 903' 3" PBG (W.O. Nana), and 33' 3" PE (W.O. 861430 & 881544) due to 1 active leak (2010.00128) and 0 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 (S) (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" PBG (W.O. 7132A), 6' of 4" PBG (W.O. 41733), 83' of 3" PBG (W.O. 7132A), 3' 4" PE (W.O. 886503), and 50' of 3" PE (W.O. 41733) with 480' 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: \$80.17.		
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" PBG (W.O. 7132A), 6' of 4" PBG (W.O. 41733), 83' of 3" PBG (W.O. 7132A), 3' 4" PE (W.O. 886503), and 50' of 3" PE (W.O. 41733) with 480' 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: \$80.17.		
	005490 Total					(112.18)		393.1009 (S) (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	005557	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(136.19)	Approved by: Steve Holcomb on 06/25/2014. Replace 3" and 4" PDS and 2" and 3" PCS low pressure main with 1,485' - 2" PE and 2,387' - 4" PE main on PEPL town pressure (currently MOP = MAOP = 35 psig). This work order will replace PDS 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 DR3 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 2204' - 3" PDS (original town piping); 34' - 4" PDS (original town piping); 153' - 2" PCS (WO# 57168); 113' - 2" PCS (WO# 64-5507); 110' - 2" PCS (WO# 75-4059); 50' - 3" PCS (WO# 77-3307); 100' - 3" PCS (WO# 80-0225); 850' - 2" PCS (WO# 80-0263); 42' - 2" PCS (WO# 80-5029); 310' - 3" PCS (WO# 80-1320); and 30' - 2" PE (WO# 80-1163). Price per ft = \$30.22.	393.1009 (5) (a) (b)	A,B,C
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" PDS and 2" and 3" PCS low pressure main with 1,485' - 2" PE and 2,387' - 4" PE main on PEPL town pressure (currently MOP = MAOP = 35 psig). This work order will replace PDS 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 DR3 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 2204' - 3" PDS (original town piping); 34' - 4" PDS (original town piping); 153' - 2" PCS (WO# 57168); 113' - 2" PCS (WO# 64-5507); 110' - 2" PCS (WO# 75-4059); 50' - 3" PCS (WO# 77-3307); 100' - 3" PCS (WO# 80-0225); 850' - 2" PCS (WO# 80-0263); 42' - 2" PCS (WO# 80-5029); 310' - 3" PCS (WO# 80-1320); and 30' - 2" PE (WO# 80-1163). Price per ft = \$30.22.		
	005557 Total					(193.07)			
376300-Mains - Plastic	005592	Main Replacement - ISRS (N)	Addition	ISRS-Other	201509	(16.50)	Approved by: Steve Holcomb on 06/25/2014. Replace 6" CI WITH 8" PE DUE TO LCAK. 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 Inisena to Jackson along 60th that is currently fed to pressure system C-1 will be fed to pressure system C-175 on the Inisena end. 12" CI being replaced by 8" PE running north and south along Swage Pkwy will be fed 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' DEG of Highline. Due 08-28-2014. 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 James on 07/14/2014. Tie together C-500 and G-117 by replacing 22' of 4in gas main and 22' of 2in gas main (with 018550) with 10' of 2in thin film after update of pressure system S-117 (MOP=MAOP = 22 ps) to pressure system C-500 (MOP=30 psig and MAOP=44 psig). DR3 117 will be removed and retired on work 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 Drake on 07/23/2014. AGR. Replace 40' of 4in CI with 4in PE due to exposure of CI coupling. AGR location: 46' SDCB of 8th Street. Must be finished by 8-21-2014. 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 James 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 DR3 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 500' - 2" PE (WO# 84-0588); 10' - 2" PE (WO# 80-1163); 145' - 2" PE (WO# 88-5032 - formerly 2" DL WO# 28-1165). Price per ft = \$34.87. Contribution check for \$10,715 rec'd 7-21-14 per WOCS		
376300-Mains - Plastic	005799	Replace steel & plastic main	Addition	ISRS-Other	201510	(7.33)	Approved by: Ralph James 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 DR3 1 which cuts from the PEPL pressure to 1.13 psig and retire the rectifier. Main to retire: 500' - 2" PE (WO# 84-0588); 10' - 2" PE (WO# 80-1163); 145' - 2" PE (WO# 88-5032 - formerly 2" DL WO# 28-1165). Price per ft = \$34.67. Contribution check for \$10,715 rec'd 7-21-14 per WOCS	393.1009 (5) (a) (b)	A,B,C
	005799 Total					(48.65)			

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	State Section	State or Federal Requirement
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 G-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. Released 2" P&G because it was going through a curb meet box. Pressure System G-20.		
	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 06/06/2014. AOR and Graphitization. Replace 4in CI, 6in CI, 2in PCS, and 4in PCG with 2.045-4in PC and 340-2in PE. Angle of repose occurred at 0511 E 19th Ter. Cast iron was exposed 128' ECL Filler to 143' ECL of Fuller Street, 4' NNC E 18th Ter. Four cast iron breaks are in area will be replaced as part of this work order. This work order must be completed by 10/10/2014 due to cast iron breaks. The 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 Dewasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination. Dupres 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 Dewasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination. Dupres 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 Dewasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination. Dupres 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 Dewasher on the north side of the road. Shaw Electric will supply electrical permit, installation and inspection coordination. Dupres 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 80" 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 hold 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 MODOOT 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" pcc main (work order 01-1515) for pipeline transmission integrity by installing 500' of 12" 250# X-52 coated pipe. We will be replacing the existing Grain Valley DRG #1 break valve sitting 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 DRG caused by the proximity of a Day Care Center while the main is out of service. A hydrotest of the existing main on the North side of I-70 West of Buckner Turnpike Route 8B will occur at the same time on work order 14-7777.		

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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	006030	Replace steel & plastic main	Addition	ISRS-Other	201510	(43.20)	Approved by: Steve Holcomb on 08/19/2014. Replace and retire 500' - 12" pos main (work order 01-1015) for pipeline transmission integrity by installing 500' of 12" .500wt X-52 coated pipe. We will be replacing the existing Grain Valley DRG #1 bridge valve setting on work order 14-0475 and wish to capitalize on the opportunity to replace the bore shot under 1-70 and to replace the High Consequence Area (HCA) at the DRG caused by the proximity of a Day Care Center with the main is out of service. A hydro-test of the existing main on the North side of I-70 West of Buckner Turnway Route BB will occur at the same time on work order 14-7777.	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 Jones on 08/20/2014. Install 725' of 2" PE main from existing 4" PE main on outlet side of DRG 9 on Jefferson west of St. 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 issues with keeping these services live while we take the 12" main down for maintenance. NOTE - this work is related to 14-3736 (006030) and 14-0472 (006030).	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 77-2501 then six additional anodes were added on work order 05-8007. 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 8" and 12" main along "A" Highway and the 6" main south of Nishua Road and the 12" main south to Ruth Ewing Road. The ground bed will be installed next to a drainage area as established in Northway Pier 1, Track 1. The electrical will be installed and coordinated with KCP&L by Shew 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 CG and 1ft of 1 1/4in CG Main to retire 2ft of 2in CG from W/O 70-5272 and 1ft of 1 1/4in CG from W/O 70-5273 after Main was damaged by third party excavating. Found no history of leakage on these pieces of Main. MOP=25# MAOP=25# TC&T=100# SYSTEM=G-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 08/26/2014. This work order is necessary to relocate the Vella Road rectifier and ground bed to a different location due to the replacement of the 15 inch and 6 inch to a single 20 inch line resulting from a public improvement project. The new location will be in a private easement behind 5712 Laska Summit Road, Kansas City, MO. The existing rectifier purchased on work order 00-0520 will be utilized, however the ground bed will be abandon and a new fifteen graphite 3" X 60" rod will be installed. Shew 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" PIG (WO 15481) and 25' 2" PIG (WO 840373) due to main being shallow and outside of a dedicated easement. The Comp 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: G-1. MOP: 18 PIG. MAOP: 18 PIG. Design: 50 PIG. Test: 100 PIG. 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 09/06/2014. ADR. This job must be completed by Dec. 17, 2014. Replacing 55' of 6in CI with PE with the PE on top of exposed pipe. CI pipe was removed from 6' N/C&B TO 23' S/C&B of 20th Street. No services to be 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 09/06/2014. Replace P&G 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 P&G 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 09/09/2014. Lay 205ft 2in Plastic Main to replace 205ft 2in Bare Steel from 48552 and 10ft of 2in Bare Steel from 45505 due to isolated bare steel had started having multiple leaks. MOP=42# MAOP=42# TC&T=100# SYSTEM=C-1 ISRG	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 (W/O# 82-0050) due to construction over shallow main. Project Location: Doughboy Dr North of 32nd St; Pressure System: C-1; MOP: 50 psig; MAOP: 68 psig; Design: 68 psig; Test: 100 psig; \$34.34/ft	393.1009 (5) (a) (b)	A, B, C
	006435 Total					(10.69)			

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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	006473	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(233.24)	Approved by: Galen Shoemaker on 09/10/2014, Lay 470ft of 2in Plastic Main to replace 301ft of 2in PGS from WO JO103 and 80ft of 2in CS from WO 06-7352 and 2'-2" PE from 02-0762. MOP=20# MAOP=20# TEST=100# SYSTEM=0-1	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 6" PE (WOF: 75-0042) and 200' of 4" PE (WOF: 05-5543) and replace with 210' of 4" PE due to 3rd party contractor bore rig getting in unobtainable PE main ditch and leaving out the side in several places. Infrastructure 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 man was 12' deep. Company crews fixed one leak to realize the man had been hit in multiple locations. The decision was made to replace the man as opposed to chasing several #1 leaks. Infrastructure was brought in to bore in the new 4" main. They worked extremely late every night, had to rent equipment, use snoring, 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 Hoopes. 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 (Brusco Construction) pulled an existing 6"x2" high volume tee off of the top of existing 6" PE main. The main was marked accurately and Brusco did not hand dig around the location. Being a one way lead to some industrial customers and two district regulator stations we had to run 132' of 2" PE bypass to keep everyone in gas. Brusco will be charged for the damage. We replaced 12' of 6" PE (WOFs: 00-0611, 11-7333) with 12' of 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 1,200' of 6" PE, 7,150' of 4" PE, and 12,370' of 2" PE. This work order is to be completed after WOFs 14-3014 and 14-3015. This will allow us to retire DRG# 1 and retire the regulator in town. Please see Pipe tab for detail on main to abandon: 10' of 8" PGS, 708' of 6" PGS, 845' of 4" PGS, 8071' of 3" PGS, 5374' of 2" PGS, 3602' of 2" PGS, 743' of 3" PGS, 310' of 4" PGS, 136' of 2" PE, and 8' of 4" PE. (IGRS) Price per ft = \$27.55	393.1009 (5) (a) (b)	A,B,C
	006516 Total					(2,303.18)			
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 1,200' of 6" PE, 7,150' of 4" PE, and 12,370' of 2" PE. This work order is to be completed after WOFs 14-3014 and 14-3015. This will allow us to retire DRG# 1 and retire the regulator in town. Please see Pipe tab for detail on main to abandon: 10' of 8" PGS, 708' of 6" PGS, 845' of 4" PGS, 8071' of 3" PGS, 5374' of 2" PGS, 3602' of 2" PGS, 743' of 3" PGS, 310' of 4" PGS, 136' of 2" PE, and 8' of 4" PE. (IGRS) 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 Jones on 09/23/2014, Replace and Abandon 194'-4" PGS (602513), 62'-4" PGS (28302), 527'-4" PGS (Unknown) 31'-4" PGS (691388) and 56'-4" PGS (732376). Main currently runs in an easement between 5th and 6th St. and W of Miller St. (IGRS)	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 Driskill 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 (1 psig). As of 09/25/2014 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 90' of 6" PGS (WOF JD4528) with 111' of 6" PE main due to leakage. 120' of 6" checked out with 6' junkies. Joe worked by Holman crew 02-24. (IGRS)	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 610' CI with 2,430 ft of 4in PE due to east 3rd leak. This job must be completed by Jan. 13, 2015. 3rd-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 Driskill on 09/29/2014, ISRS Abandoned 3" PGS from Rochester and Montgat heading south. Install 200' of 2" PE from Montgat and Guinoite heading north to pick up 2 services. Abandonment has already been completed in the field due to water main work in the area. Install 2' PE in 3" PGS. Pressure system C-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 1012' of 2" PGS (A7622A, A7622B) and replace with 1010' of 2" PE due to isolated bare steel that is hard to cathodically protect. This work will clear CPW4-43. Project Location: Canyon Dr and Lantel St; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; \$35.50/ft (IGRS)	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 15,000' of cast iron main in Sector 0306 with 16,000' 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 KCLG pressure system. New main to operate at 50 psig MOP, 50 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 regulations 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) factors of PE services are to be performed. A tagline meeting will need to be scheduled for tie in and abandonment procedures.		
376300-Mains - Plastic	006659	Main Replacement - ISRS (N)	Addition	ISRS-Other	201512	(325.43)	Approved by: Steve Holcomb on 10/14/2014. ISRS. Replace and abandon a total of 15,000' of cast iron main in Sector 0306 with 16,000' 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 KCLG pressure system. New main to operate at 50 psig MOP, 50 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 regulations 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) factors of PE services are to be performed. A tagline 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 300' - 3" PDS (WO#s: NONE), 476' - 4" PDS (WO# NONE), and 19' - 4" PE (WO# 00-1770) and replace with 972' - 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 650' - 6" PDS (WO#s: NONE, A1160B) and replace with 25' - 4" Thrimfin and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 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 \$54.00/H. Reopened 10-28-15 per Cindy Pack - 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 856 - 6" PBG (WO#s: NONE, A1106B) and replace with 20" - 4" Thinline and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and West St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$34.88/hr Reopened 10-28-15 per Dirty Peak - for parking 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		
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" PBG (WO# 30687) and 150' - 2" PCS (WO#s: 81456, 82-5224) 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; \$35.88/hr 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" PBG (WO# NONE), 13' - 4" PCS (WO# 71-1638), and 20' - 4" PE (WO#s: 82-6916, 06-0735) and replace with 510' - 4" PE due to CP 14-046 caused by isolated bare steel. Project Location: 21st and West. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$46.14/hr		
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" PBG (WO# NONE), 13' - 4" PCS (WO# 71-1638), and 20' - 4" PE (WO#s: 82-6916, 06-0735) and replace with 510' - 4" PE due to CP 14-046 caused by isolated bare steel. Project Location: 21st and West. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$46.14/hr	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# 83-1367) and insert 82' - 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; \$73.07/hr	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 Jones on 10/13/2014. Rebuild DR# 4 at Foxwood and Madison. Inlet System C-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# 14-3254. The existing station (WO# 08-5142) will be retired with the 2" Mooney FG regulator and the 2" 441-576 regulator returned to stock.		
378000-Meas & Reg Station Equipment	006670	Station rebuild & replacement	Addition	ISRS-Other	201512	(3,790.13)	Approved by: Ralph Jones on 10/13/2014. Rebuild DR# 4 at Foxwood and Madison. Inlet System C-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# 14-3254. The existing station (WO# 08-5142) will be retired with the 2" Mooney FG regulator and the 2" 441-576 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 Malcolm on 10/13/2014. Accelerated Main Replacement project. Replace and abandon existing mains on C-001 source pressure system with 14,010' - 2" and 30' - 4" PE on C-500 intermediate pressure system between 31st and Cedar and 22nd and Northern. 262 tie-overs and 80 services on existing PE requiring tag change only. Summary of main to abandon (see pipe tab for details): 1394' - 2" PBG, 9014' - 4" PBG, 26' - 6" PBG, 766' - 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 68 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 68 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" PBG (WO#s: 1624, 54161, 53087), 22' - 2" PCS (WO#s: 82-1917, 05-7858), 463' - 3" PCS (WO#s: 81-2977, 03-1077), 55' - 2" PE (WO#s: 72-3259, 05-8305), and 22' - 3" PE (WO#s: 85-1540) and replace with 850' - 2" PE, and 25' - 2" Thinline 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 DRG 01-71-C and install new remote outlet valve. Project Location: Franco and Roosevelt. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$46.76/hr		

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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" PBG (WO#s: NONE, 15670), 126' - 3" PCS (WO#s: 63-5030), 160' - 1 1/4" PE (WO#s: 04-1030) 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 \$36.05/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" PBG (WO#s: NONE, 15670), 126' - 3" PCS (WO#s: 63-5030), 160' - 1 1/4" PE (WO#s: 04-1030) 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 \$36.05/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" PBG (WO#s: NONE, 15670), 126' - 3" PCS (WO#s: 63-5030), 160' - 1 1/4" PE (WO#s: 04-1030) 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 \$36.05/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" pbx main (work order BD151) by installing 400' - 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	(10.23)	Approved by: Ray Wilson on 10/24/2014. Replace and abandon 483' - 3" pbx main (work order BD151) by installing 400' - 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 502ft 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 1,600ft-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 1,600ft-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 1,600ft-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 1,600ft-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 40'. 4" PCS (620305), 540' - 4" PBG (A1633), 1,560' - 4" PBG (A1633), 222' 4" PCS (651160), 250' 4" PCS (677041). Main currently runs Laurel Street between 62nd and 63rd, on 62nd St between Laurel and Elm, and on Ditzler Ave between 62nd and 70th. (ISRS) \$33.00 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 40'. 4" PCS (620305), 540' - 4" PBG (A1633), 1,560' - 4" PBG (A1633), 222' 4" PCS (651160), 250' 4" PCS (677041). Main currently runs Laurel Street between 62nd and 63rd, on 62nd St between Laurel and Elm, and on Ditzler Ave between 62nd and 70th. (ISRS) \$33.00 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" PBG (A2355). Main currently runs on 52 St Terr. between Farley Ave and Kentucky St. and on Farley Ave and Kentucky St south of 50th 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	(77.65)	Approved by: Kevin Oriskoff on 11/06/2014. Replace a total of 80' of 2" PCS (57-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-036 MOP 135psig. Pressure test at 230psig.		
	006844 Total					(77.65)		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-000 pressure system with 7,744' - 2" of PE on C-500 intermedia pressure system between Turner St and Ann St and Independence Ave and Truman Rd. One of the DRG feeding this C-000 pressure system was hit by a car. We are choosing to replace the bare steel main and update the system rather than retooling the damaged DRG. 85 96-cvts. Summary of main to abandon (see pipe tab for details): 4,822' - 2" PBG, 2,589' - 2" PCS, 32' - 4" PCS, and 87' - 2" PE. Price per ft = \$24.63. Note: DRG #87 and DRG #90 to be retired on separate work orders. (ISRG)	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" PBG (A3422), 163' 4" PBG (A4071), 310' 2" PBG (43700), 130' - 2" PCS (48153), 8' 2" PCS (002194), 250' - 2" PCS (50964), and 530' 2" PCS (610105). Main currently runs on 57 Terr, Farley Ave, Kentucky Ave, 56th St, and Hunter Ave. (ISRG)	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 James on 11/05/2014, Replace and Abandon 125'-2" PBG (43610), 900'-2" PBG (7269), 210' - 2" PCS (710041), 191' 2" PCS (713640), 328' 2" PCS (51424). Main currently runs on Harris Ave between 81st St and 79th St. (ISRG)\$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 James on 11/05/2014, Replace and Abandon 125'-2" PBG (43610), 900'-2" PBG (7269), 210' - 2" PCS (710041), 191' 2" PCS (713640), 328' 2" PCS (51424). Main currently runs on Harris Ave between 81st St and 79th St. (ISRG)\$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 38th St due to leak in the area. The iron existing 4" cast iron main at 30th 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, ISRG 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-175KCLD for the new pipe being installed. 1 replacement service at 5107 Highland (charge to DWO). 20 service tie overs.	393.1009 (5) (a) (b)	A,B,C,I
376300-Mains - Plastic	006916	Replace cast iron main - CPI / prio	Addition	ISRS-Other	201510	(721.08)	Approved by: Steve Holcomb on 11/13/2014, ISRG 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-175KCLD for the new pipe being installed. 1 replacement service at 5107 Highland (charge to DWO). 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 20th and 11' WWCB of Coleman/Yan Blvd. Cast iron is in angle of repose due to parallel excavation. This work order must be completed by Jan. 2, 2015. This will bill rate of CI branch 12-1005 and 12-1010. The over 27 services. Replace 9 services. Estimate = \$47.22 per foot. ISRG.	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" PBG (WOF# NONE) and 2270' - 4" PBG (WOF# 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; ISRG \$54.22/ft	393.1009 (5) (a) (b)	A,B,C
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" PBG (WOF# NONE) and 2270' - 4" PBG (WOF# 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; ISRG \$54.22/ft	393.1009 (5) (a) (b)	A,B,C
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" PBG (WOF# NONE) and 2270' - 4" PBG (WOF# 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; ISRG \$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 360' of 4" Bare Steel pipe with 330' of 4" PE due to leak on above ground creek crossing (leaks are at pipe supports). Creating 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" PBG (WOF# NONE), 560' - 3" PBG (WOF# NONE), 204' - 3" PCS (WOF# 53-5878), 27' - 2" PE (WOF# 70-4187) and replace with 2362' - 2" PE due to CP and reform 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; ISRG \$35.78/ft	393.1009 (5) (a) (b)	A,B,C

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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" P&G (WOF NONE), 585' - 3" P&G (WOF NONE), 234' - 3" P&G (WOF 83-5678), 27' - 2" PE (WOF 76-4167) and replace with 2000' - 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; IGRG \$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" P&G (WOF NONE), 585' - 3" P&G (WOF NONE), 234' - 3" P&G (WOF 83-5678), 27' - 2" PE (WOF 76-4167) and replace with 2000' - 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; IGRG \$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" P&G (WOF NONE), 585' - 3" P&G (WOF NONE), 234' - 3" P&G (WOF 83-5678), 27' - 2" PE (WOF 76-4167) and replace with 2000' - 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; IGRG \$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: Glen Shoemaker on 11/20/2014. Abandon 501' - 2" P&G (WOF JQ4800) and 3' - 2" P&G (WOF LK 12-134) and replace with 600' - 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; IGRG \$30.01/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: Glen Shoemaker on 11/18/2014. "JOPLIN TORNADO" Replace main after Joplin Tornado to provide service to 1511 E 10th. Project Location: 15th 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 (WOF 82-7786) 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 WOF 14-3003.		
	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: Glen Shoemaker on 12/01/2014. Abandon 42' - 1" P&G (WOF 82-0200), 42' - 1.25" P&G (WOF 82-0195), 294' - 1.2" P&G (WOF 82-0180), 225' - 2" P&G (WOF 82-0105), and 378' - 4" P&G (WOF 82-0187) 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 08-30-0-2. 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: 28 psig; Design: 58 psig; Test: 100 psig; \$30.65/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: Glen Shoemaker on 12/05/2014. Abandon 70' - 4" P&G (WOF NONE) and replace with 70' - 4" PE due to CP 14-068. There are 7 repaired leaks on this stretch of main. Project Location: 6th and Conner; 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: Glen Shoemaker on 12/05/2014. Abandon 1068' - 2" P&G (WOF NONE), 105' - 2" P&G (WOF 89-7334), and 40' - 2" PE (WOF 94-1102) and replace with 1220' - 2" PE due to CP 14-081. There is one active 83 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; IGRG \$33.30/ft		
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201511	37.96	Approved by: Glen Shoemaker on 12/05/2014. Abandon 1068' - 2" P&G (WOF NONE), 105' - 2" P&G (WOF 89-7334), and 40' - 2" PE (WOF 94-1102) and replace with 1220' - 2" PE due to CP 14-081. There is one active 83 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; IGRG \$33.30/ft		
376300-Mains - Plastic	007080	Replace bare steel main - safety re	Addition	ISRS-Other	201512	123.79	Approved by: Glen Shoemaker on 12/05/2014. Abandon 1068' - 2" P&G (WOF NONE), 105' - 2" P&G (WOF 89-7334), and 40' - 2" PE (WOF 94-1102) and replace with 1220' - 2" PE due to CP 14-081. There is one active 83 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; IGRG \$33.30/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 James on 12/08/2014. Replace 121' of 2" P&G main (WOF 79-1090) 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 WOF 14-3003. Rebuild DRS 10 on WOF 14-3002.		
376100-Mains - Steel	007153	Replace steel & plastic main	Addition	ISRS-Other	201510	(6.25)	Approved by: Ralph James on 12/08/2014. Replace 121' of 2" P&G main (WOF 79-1090) 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 WOF 14-3003. Rebuild DRS 10 on WOF 14-3002.		

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	007153 Total					(48.42)		393.1009 (5) (a) (b)	A,B,C
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 (14-3350).		
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 (14-3350).	393.1009 (5) (a) (b)	A,B,C
	007182 Total					(842.79)			
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" PBG (WO# 42307) and replace with 225' - 2" PE due to CP 14-007 and isolated bare steel. Project Location: 6th and Oakland; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 58 psig; Test: 100 psig; ISRG \$46.76/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" PBG (WO# 2531), 217' - 3" PCG (WO# 68-4486), 25' - 4" PCG (WO# 63-4414), and 30' - 4" PE (WO# 60-1679) and replace with 725' - 4" PE due to CP 14-005 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; ISRG \$54.60/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" PBG (WO# 2531), 217' - 3" PCG (WO# 68-4486), 25' - 4" PCG (WO# 63-4414), and 30' - 4" PE (WO# 60-1679) and replace with 725' - 4" PE due to CP 14-005 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; ISRG \$54.60/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" PBG (WO# 2531), 217' - 3" PCG (WO# 68-4486), 25' - 4" PCG (WO# 63-4414), and 30' - 4" PE (WO# 60-1679) and replace with 725' - 4" PE due to CP 14-005 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; ISRG \$54.60/ft	393.1009 (5) (a) (b)	A,B,C
	007191 Total					43,995.82			
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" PCG due to leak.	393.1009 (5) (a) (b)	A,B,C
	007197 Total					(22.98)			
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" PBG (WO# NONE), 270' - 3" PBG (WO# NONE), 212' - 4" PBG (WO# 3723), 11' - 4" PCG (WO# 64-1701), and 90' - 2" PE (WO# 73-6079, 02-7815) and replace with 625' - 4" PE to clear two CP's (14-030, 14-061) 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; ISRG \$54.65/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" PBG (WO# A17, 4500) and replace with 710' - 2" PE due to CP 14-44. Project Location: Casement South of Rockhill Rd west of Lafayette; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRG \$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" PBG (WO# A2083), 90' - 3" PBG (WO# A2083), and 12' - 4" PE (WO# 08-0306, 05-0557) and replace with 440' - 4" PE due to CP 14-006 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; ISRG \$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" PBG (WO# A2083), 90' - 3" PBG (WO# A2083), and 12' - 4" PE (WO# 08-0306, 05-0557) and replace with 440' - 4" PE due to CP 14-006 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; ISRG \$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" PBG (WO# A2083), 90' - 3" PBG (WO# A2083), and 12' - 4" PE (WO# 08-0306, 05-0557) and replace with 440' - 4" PE due to CP 14-006 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; ISRG \$56.32/ft	393.1009 (5) (a) (b)	A,B,C
	007206 Total					44,184.31			
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" PBG with 2" PCG due to 3rd party damage. Pressure System C-25, MOP=25PCIG, MAOP=25PCIG.	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" PDS, 6" PCS along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 135 PSIG) will be replaced with 1100' of 4" STL System C-006 (MOP 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2387' of 6" PE, 30' of 2" PE, and 19' of 4" PE. The following reg stations will be abandoned: DRG #172, DRG #302. Pressure system C-005 will now be the outlet system for DRG # 304 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 304 will be rebuilt - WO # 14-4036. Estimated Cost per foot = \$50.76. 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" PDS, 6" PCS along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 135 PSIG) will be replaced with 1100' of 4" STL System C-006 (MOP 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2300' of 6" PE, 30' of 2" PE, and 19' of 4" PE. The following reg stations will be abandoned: DRG #172, DRG #302. Pressure system C-005 will now be the outlet system for DRG # 304 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 304 will be rebuilt - WO # 14-4036. Estimated Cost per foot = \$50.76. 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 and 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-175KCLG 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, 2621, 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-175KCLG 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, 2621, 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. LAV 188'-4" PE & 21'-6" 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" PDS (WO's A9220B, A9457) and 170' - 2" PCS (WO's 05-4776, 07-3013) and replace with 185' - 2" PE and 1250' - 4" Thinfilm Coated Steel pipe to remove drosses falling 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 east 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 360.01/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" PDS (WO's A9220B, A9457) and 170' - 2" PCS (WO's 05-4776, 07-3013) and replace with 185' - 2" PE and 1250' - 4" Thinfilm Coated Steel pipe to remove drosses falling 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 east 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 360.01/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 James on 12/23/2014. Replace and abandon 502' - 4" pbs main (work order 147), 202' - 2" pbs main (work order 21527) and 142' - 2" pcs main (work order 015237) by installing 1,250' - 2" pe main. The existing bare main recently had a #2 leak and the man 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	(27.58)	Approved by: Rey 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 Leo's Summit contractor crew.	393.1009 (5) (a) (b)	A, B, E
	007330 Total					(27.58)			
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 56' of 2" PC (WO's 050915 & LK050481), 1720' of 2" PDS (WO's None, 49656, 50435, 50462, & 640487), and 550' of 2" PCS (WO's 780232, 630297, 640487, & E3306223) with 2225' of 2" PE due to 2 active leaks (10-0174 & 12-0015), 5 repaired leaks, and isolated steel main. Project Location: Hwy Jackson Range Line Rd & Paton Ave, between 11th & 13th St. System: C-1; MOP: 58 PSIG; MAOP: 26 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 50' of 2" PE (WO's 050615 & LK050491), 1720' of 2" PBG (WO's None, 40056, 50435, 50482, & 640487), and 550' of 2" PCG (WO's 780230, 030297, 640487, & E330523) 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: 50 PGIG. MAOP: 50 PGIG. Design: 50 PGIG. Test: 100 PGIG. 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 50' of 2" PE (WO's 050615 & LK050491), 1720' of 2" PBG (WO's None, 40056, 50435, 50482, & 640487), and 550' of 2" PCG (WO's 780230, 030297, 640487, & E330523) 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: 50 PGIG. MAOP: 50 PGIG. Design: 50 PGIG. Test: 100 PGIG. 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 50' of 2" PE (WO's 050615 & LK050491), 1720' of 2" PBG (WO's None, 40056, 50435, 50482, & 640487), and 550' of 2" PCG (WO's 780230, 030297, 640487, & E330523) 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: 50 PGIG. MAOP: 50 PGIG. Design: 50 PGIG. Test: 100 PGIG. 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 3/4" & 4/4" 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" PBG main and 367' of 4" PBG by installing 450' - 2" PE main and 400' - 4" PE main. See tab 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" PBG main and 367' of 4" PBG by installing 450' - 2" PE main and 400' - 4" PE main. See tab 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 2800' 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 DRG 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 no readily available. See pipe tab for details on main to abandon. ISRS Price per ft = \$37.60		
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 2800' 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 DRG 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 no readily available. See pipe tab for details on main to abandon. ISRS Price per ft = \$37.60		
	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 01/29/2015, Replace 478' - 2" PBG (WO None), 725' - 4" PBG (WO None), 10' - 1 1/4" PE (WO 800026), & 25' - 4" PE (WO's 861434 & 841605) with 505' of 2" PE and 740' of 4" PE due to 20 repaired leaks, 1 active leak (10-0082), and isolated bare steel main. Project Location: Moffat Ave Between 11th St & 14th St. System: C-2. MOP: 1.5 PGIG. MAOP: 1.5 PGIG. Design: 50 PGIG. Test: 100 PGIG. Price Per Foot: \$21.61.		
	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 01/29/2015, Replace 13' 4" PE (WO 034844), 40' 2" PE (WO 121357), 789' 2" PBG (WO None), 300' 2" PCG (WO's 962347 & 636240), 19' 3" PCG (WO 962347), and 40' 1" PBG (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 PGIG. MAOP: 1.5 PGIG. Design: 50 PGIG. Test: 100 PGIG. 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" PBG, 8' - 2" PCG, and 117' - 4" PCG with 3230' - 2" PE main. See pipe tab for details. The existing main is on the S-083 pressure system, MOP = MAOP = 1.05 pag. Replace with 2" PE on the C-500 system on WOF 15-5085 so that DRG 83 can be eliminated (retirement WOF 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" PBG (WO# 21578) with 730" - 2" PE main on WOP 15-5004. The existing main is 1047' 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" PBG (WO# 21578) with 730" - 2" PE main on WOP 15-5004. The existing main is 1047' 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" PBG (WO# 21578) with 730" - 2" PE main on WOP 15-5004. The existing main is 1047' vintage and causing current issues for the rectifier. ISRS Price per ft = \$35.77	393.1009 (5) (a) (b)	A,B,C
	007513 Total					27,247.81			
376300-Mains - Plastic	007516	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	4,396.17	Approved by: Steve Holcomb on 01/29/2015. ARP work order - Grandview City Paving Project. Replace and abandon 1750' - 4" P85, 750' - 2" P85, 471' - 4" PCS, and 8' - 2" PCS with 740' - 4" PE and 2260' - 2" PE main. See pipe tab for retirement W/O 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 01/29/2015. ARP work order - Grandview City Paving Project. Replace and abandon 1750' - 4" P85, 750' - 2" P85, 471' - 4" PCS, and 8' - 2" PCS with 740' - 4" PE and 2260' - 2" PE main. See pipe tab for retirement W/O 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	393.1009 (5) (a) (b)	A,B,C
	007516 Total					4,220.33			
378000-Meas & Reg Station Equipment	007530	Station rebuild & replacement	Addition	ISRS-Other	201509	(30.02)	Approved by: Gary Williams on 01/29/2015. Replace DRG 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 60 psig. Outlet system B-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. ADR - Due 03/04/2015 - Replace 50' of 6" CI W/O # 2403 with 6" PE. Pressure System S-1148. 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 3,000' 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 KCLG 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 CG services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 hours of PE services are to be performed. A tagline 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 3,000' 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 KCLG 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 CG services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 hours of PE services are to be performed. A tagline meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
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 3,000' 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 KCLG 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 CG services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 hours of PE services are to be performed. A tagline meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C
	007532 Total					16,647.05			

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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 # 155578), 70' of 4" PCG to be installed, tie in to 3" PCG before outlet and inlet valves so that they may continue to be used as the valves for the station.		
	007571 Total					(61.15)		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007576	Main Replacement - ISRS (5)	Addition	ISRS-Other	201509	1.37	Approved by: Kevin Driskell on 01/27/2015, The City of Grandview will pave 14th Terr between White and 14th Terr this summer. Replace 437' of 2" PBG (WO# A3717) with 430' - 2" PE, IGRG 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 02/08/2015, Replace 255' of 6in Bare Steel with 4in Plastic pipe due to down CP project, IGRG	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 Forreth on 02/05/2015, Replace 12' 2" PCG & 57' 2" PBG with 70' 2" PE due to 1 active leak (10100) and abandon 80' 1 1/4" PE due to no services running off the main. Project Location: 7th St W of Mower St. System: E-1, MOP: 17 PSIG, MAOP: 17 PSIG, Design: 50 PSIG, Test: 100 PSIG, Price Per Foot: \$61.75.	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 102' of Bare Steel main with 102' of Plastic main due to down CP project, IGRG	393.1009 (5) (a) (b)	A,B,C
	007597 Total					(82.51)			
376300-Mains - Plastic	007601	Main Replacement - ISRS (5)	Addition	ISRS-Other	201510	243,671.01	Approved by: Clave Holcomb on 01/02/2015, Replace and abandon all piping in the S-000 system at Maguire and Jefferson in order to eliminate DRG D. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zell and the presence of PBG main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5620' of main. See pipe tab for details on main to abandon, IGRG Price per ft = \$31.20 Low price per ft due to most of the main in back assessments and low paving replacement estimate. DRG D to be retired on W/O# 15-G114.		
376300-Mains - Plastic	007601	Main Replacement - ISRS (5)	Addition	ISRS-Other	201511	52.13	Approved by: Clave Holcomb on 01/02/2015, Replace and abandon all piping in the S-000 system at Maguire and Jefferson in order to eliminate DRG D. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zell and the presence of PBG main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5620' of main. See pipe tab for details on main to abandon, IGRG Price per ft = \$31.20 Low price per ft due to most of the main in back assessments and low paving replacement estimate. DRG D to be retired on W/O# 15-G114.		
376300-Mains - Plastic	007601	Main Replacement - ISRS (5)	Addition	ISRS-Other	201512	399.97	Approved by: Clave Holcomb on 01/02/2015, Replace and abandon all piping in the S-000 system at Maguire and Jefferson in order to eliminate DRG D. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and Zell and the presence of PBG main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5620' of main. See pipe tab for details on main to abandon, IGRG Price per ft = \$31.20 Low price per ft due to most of the main in back assessments and low paving replacement estimate. DRG D to be retired on W/O# 15-G114.	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# E330624 & 065657), 152' of 3" PBG (WO None), & 067' of 2" PBG (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, Resurfaced 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# E330624 & 065657), 152' of 3" PBG (WO None), & 067' of 2" PBG (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, Resurfaced 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# E330624 & 065657), 152' of 3" PBG (WO None), & 067' of 2" PBG (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, Resurfaced 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# E330624 & 065657), 152' of 3" PBG (WO None), & 067' of 2" PBG (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, Resurfaced 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 280' 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 280' of 4" PE, System C-001.		

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State of Federal Requirement
	007654 Total					(8,207.04)		393.1009 (S) (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" PBG main in the alley between Walnut and Highland from 3rd St to Blue Parkway with 1400' - 2" PE and 5' - 4" PE. On 1/10/15 Google Fiber hit this dead end feed main on the south side of 3rd and the leak was cleared with a hand-band. See pipe tabs 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" PBG main in the alley between Walnut and Highland from 3rd St to Blue Parkway with 1400' - 2" PE and 5' - 4" PE. On 1/10/15 Google Fiber hit this dead end feed main on the south side of 3rd and the leak was cleared with a hand-band. See pipe tabs for details on main to abandon. ISRS Price per ft = \$37.13		
	007672 Total					(123.75)		393.1009 (S) (a) (b)	A,B,C
376300-Mains - Plastic	007693	Replace bare steel main - safety re	Addition	ISRS-Other	201509	(17.66)	Approved by: Michael Fornell on 02/19/2015, To My appx 175 ft of 2 in Plastic Main to replace 2in isolated Sere Steel Main from W/O 20222; MAOP=444 MOP=40W SYSTEM=C-1 TEST=100W ISRS		
	007693 Total					(17.66)		393.1009 (S) (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 200' - 1 1/4" PBG (W/O# 12829), 6344' - 2" PBG (W/O#s: J0128, J02080, 10885, 20568, 25505, 20655, 31081, 33740, 38485), 603' - 2" PCG (W/O#s: 64-3085, 80-4071, 82-0573, 10-6038), and 9' - 2" PE (W/O# 02-3033) and replace with 8240' - 2" PE to clean up isolated steel and rotten main. Project Location: Odell and Missouri; Pressure System: G-8; 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 200' - 1 1/4" PBG (W/O# 12829), 6344' - 2" PBG (W/O#s: J0128, J02080, 10885, 20568, 25505, 20655, 31081, 33740, 38485), 603' - 2" PCG (W/O#s: 64-3085, 80-4071, 82-0573, 10-6038), and 9' - 2" PE (W/O# 02-3033) and replace with 8240' - 2" PE to clean up isolated steel and rotten main. Project Location: Odell and Missouri; Pressure System: G-8; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.47/ft		
	007706 Total					209,867.61		393.1009 (S) (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"CG main with 2"PE. All due to down projects.		
	007789 Total					(233.55)		393.1009 (S) (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 Baresteel with 4in Plastic Pipe due to down project.		
	007790 Total					(19.25)		393.1009 (S) (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"3"3 main with 4"PE main due to down project.		
	007824 Total					16.76		393.1009 (S) (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 AGR with 6" PE (main is located in parkway). Due 08/08/2015, Pressure system C-001. The in parallel to existing CI should be 50' NVO of 58th and 100' NVO of 58th. Loop head with no services in the CI being replaced.		
	007826 Total					(115.40)		393.1009 (S) (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 1,303' - 2" pbs, 103' - 2" pbs 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 1,303' - 2" pbs, 103' - 2" pbs 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 (S) (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, 3001 and 3025 E. 38th, 3914 Jackson Ave - are to be replaced. Replacement services are to be charged to a services replacement blanket work order. 58 locations of PE services are to be performed. A public meeting will need to be scheduled for tie in and abandonment procedures. Note that some of the existing main is currently under C-021 and regulators will need to be changed out before updating the main.		

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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State of Federal Requirement
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 80' of 4" CI, 1700' of 8" CI, 1144' of 12" CI and 90' of 2" BG in Sector 0306 with 1700' of 2" PE, 1400' of 4" PE, and 1300' 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 - 3077 Myrtle, 3021 and 3025 E. 30th, 3014 Jackson Ave - are to be replaced. Replacement services are to be changed to a service replacement blanket work order. 20 leavers of PE services are to be performed. A tagline 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 regulations will need to be changed out before updating 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 Drakall on 03/16/2015. Replace 230' 2" PCG (WO's 641545 & 605418) and 502' 2" PBS (NO J0150) with 710' 2" PE due to low needs. Project Location: West Ave between Mill St & Eagan St. System: C-1. MOP: 30.5 PSIG. MAOP: 39.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$49.54.	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 2000' of 4" CI, 530' of 6" CI, 3942' of 3" BG, 325' of 4" BG and 15' of 2" BG in Sector 0306 with 4325' of 2" PE 2600' 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 changed to a service replacement blanket work order. 146 leavers of PE services are to be performed. A tagline 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 Fornell on 03/16/2015. Replace 300' 2" PBS (WO J0108) with 300' 2" PE due to low needs. Project Location: Commercial St NE of Wenhington 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: Cary Williams on 03/13/2015. Replace 500' of 4" G/G 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. ADR (8' to 14' G/G's of 34th st) - due 5/20/2015. Replace 571' of 8" CI and 163' of 4" CI with 565' 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. ADR (8' to 14' G/G's of 34th st) - due 5/20/2015. Replace 571' of 8" CI and 163' of 4" CI with 565' 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 1001' of 2" PBS - 614' of 4" PBS - 222' of PCG with 2000' of 2" PE. Proposed 2" PE will be tied in to system C-250/KCLS. PBS/PCG to be abandoned is currently in system C-001. All regulators will need to be changed out for the services. Existing near services will need a new service from the proposed main on 7th and 8th street. 12023 7th Street is a replacement service. Coordinate with engineering prior to construction. Diameter Regulator Station 11 will be retired on WO 15-S187. 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 1366' of 4" BG main and 58' of CG 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 3,243R - 6" of PE, 15' 4in of PE, and 12,602' 2in of PE on C-007 pressure system between Chrank Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-overs. Summary of main to abandon (see pipe tab for details): 563' - 2" PCG, 1,746' - 4" PCG, 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 3,243R - 6" of PE, 15' 4in of PE, and 12,602' 2in of PE on C-007 pressure system between Chrank Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-overs. Summary of main to abandon (see pipe tab for details): 563' - 2" PCG, 1,746' - 4" PCG, 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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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	007910	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201512	111,335.89	Approved by: Joe Hampton on 03/16/2015, Replace 450' 3" PBG (WO None), 1073' 4" PBG (WO None), 108' 4" PCG (WO B1222), and 111' 4" PE (WO 031721) 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 & Gargant Ave. System: C-2, MOP: 1.5 PSIG, MAOP: 1.5 PSIG, Design: 58 PSIG, Test: 100 PSIG, Price Per Foot: \$53.10.	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 Drake on 03/23/2015, Replace and abandon 600' - 2" PBG main (Work Order Unknown) and 200' - 2" PBG 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 03/20/2015, Replace and abandon 1,100' - 10" pbe main (WO M2X158) by installing 1,150' - 10" pbe main due to a class 3 leak. (IGRS) 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
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" pbe main (WO M2X158) by installing 1,150' - 10" pbe main due to a class 3 leak. (IGRS) 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" PBG main with 180' of 4" PE due to leakage and install 1- new remote outlet valve at District Regulator Station D. (IGRS)	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 Formall on 03/31/2015, Replace 1' 2" PE (WO 006446) & 204' 2" PCG (WO 716100) with 205' 2" PE due to isolated steel while cleaning up 20 year SLRPs. Project Location: 7th St W of Treva Acres Ln. System: C-1, MOP: 58 PSIG, MAOP: 58 PSIG, Design: 58 PSIG, Test: 100 PSIG, Price Per Foot: \$43.40.	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 Formall on 04/09/2015, Abandon 204' - 2" PBG (WO's: NONE, 40000) and 83' - 2" PCG (WO's: 67-6825) and replace with 500' of 6" PDS. 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 671.86/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" PBG 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" PBG 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 Formall on 04/14/2015, Replace 881' of 3" PCG (WO's 774152 & 770276) with 700' 4" PE due to CP Isasm (CP #14-0150). 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 Drake on 04/17/2015, 20 Year SLRP at First Assembly of God - 425 SW Oldham Pkwy (meter #00920251, installed on WOP 80-0350, premise #071702). Rebuild a 3M rotary meter set at the building. Total connected load = 3,000 cth.	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 80 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 = \$117.70 (ISRS)	393.1009 (5) (a) (b)	A,B,C
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 80 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 = \$117.70 (ISRS)	393.1009 (5) (a) (b)	A,B,C
	008238 Total					454.21			
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 80 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 = \$117.70 (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 ORS #304 new DRG #761. Inlet system C-065 80psig. Outlet system C-006 35 psig. Main W/O # 14-3521. Retire 2- #27M Fairer Regulators and install 2- Rooftop 441-079 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 04/22/2015. Rebuild DRD #384 new DRG #761. Inlet system C-055 00psig. Outlet system C-006 35 psig. Main WO # 14-3521. Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-575 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 #01022968, installed on WOP 00-0461, premise #1179005). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 ch.		
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 #01022968, installed on WOP 00-0461, premise #1179005). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 ch.		
382000 Meter Installations-MGE	008244	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201512	3.92	Approved by: Kevin Driskell on 04/22/2015. 20 Year SLRP at Price Chopper - 1305 NW State Route 7 (meter #01022968, installed on WOP 00-0461, premise #1179005). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 ch.		
	008244 Total					1,304.45		393.1009 (5) (a) (b)	A,B,C
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 #00205665, installed on WOP 04-0576, 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 #00205665, installed on WOP 04-0576, 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 #00205665, installed on WOP 04-0576, premise #332822). Rebuild a 7M rotary meter set at the building.		
	008245 Total					1,627.18		393.1009 (5) (a) (b)	A,B,C
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 200' 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 laid into System C-175KCLC MOP = 58PSIG MAOP = 58PSIG. Cast iron main to be abandoned on C-001 System MOP = 1.10PSIG MAOP = 2.20PSIG. The over services = 0. There are 4 service line replacements, to be charged to blanket work order: 3606 E 58th Street, 5728 Ashew, 5732 Ashew and 5000 Ashew. 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 200' 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 laid into System C-175KCLC MOP = 58PSIG MAOP = 58PSIG. Cast iron main to be abandoned on C-001 System MOP = 1.10PSIG MAOP = 2.20PSIG. The over services = 0. There are 4 service line replacements, to be charged to blanket work order: 3606 E 58th Street, 5728 Ashew, 5732 Ashew and 5000 Ashew. Service regulators will need to be changed.		
	008247 Total					(1,115.01)		393.1009 (5) (a) (b)	A,B,C
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 7/0/2015. Pressure system C-001. Coordinate tie-in procedures with engineering. 5317 and 5322 Charlotta 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 7/0/2015. Pressure system C-001. Coordinate tie-in procedures with engineering. 5317 and 5322 Charlotta are both replacement services.		
	008274 Total					(75.91)		393.1009 (5) (a) (b)	A,B,C
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 704' of PBG, 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 be into the C-175 KCLC 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. 100 blowers of PE services are to be performed. A fatigue 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 704' of PBG, 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 be into the C-175 KCLC 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. 100 blowers of PE services are to be performed. A fatigue 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 756' of PDS, 14,567' of Cast Iron, and 723' 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 KCLG 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 leakers of PE services are to be performed. A halfgate 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 204' of existing 4" PE main with 144' of 2" PE at the intersection of NW 74th Street and NW Abbe. The existing 4" PE was laid outside the existing 15" U/G interfering with the private landowner necessitating the relocation and replacement. This replacement includes one tie-over service. Pressure System: 25-024 Division 12 Town 01 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" PDS and 1-3" valve due to leak, replace 3' of 3" PDS 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 6" PDS with 042' of 6" PE. Pressure system C-040. Proposed 6" 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 PDS, 12,570' of CI, and 373' of PDS in Sector 0306 with 12,100' 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 KCLG 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. 190 leakers of PE services are to be performed. A halfgate 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 PDS, 12,570' of CI, and 373' of PDS in Sector 0306 with 12,100' 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 KCLG 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. 190 leakers of PE services are to be performed. A halfgate 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 PDS, 12,570' of CI, and 373' of PDS in Sector 0306 with 12,100' 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 KCLG 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. 190 leakers of PE services are to be performed. A halfgate 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, S/S, 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, S/S, 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, S/S, 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, S/S, 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" PDS with 6' of 2" PDS due to leak, Pressure system C-200KCLG.	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 0' of 2" PDS with 14' of 2" PDS 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 0' of 2" PDS with 14' of 2" PDS due to leak, Pressure system C-022.		
	008392 Total					(0.01)			

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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" PCG and removed a valve due to leak, installed 5' of 3" PCG, 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" PCG and removed a valve due to leak, installed 5' of 3" PCG, 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" PCG and removed a valve due to leak, installed 5' of 3" PCG, 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" PCG due to leak, install 6' of 2" PCG, 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 11,002' of CI, 1,204' of PBG and 238' of PCG in Sector 0306 with 11,070' 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 KCLG 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 = 1.1, 0 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 thousands of PE services are to be performed. A tagline 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 11,002' of CI, 1,204' of PBG and 238' of PCG in Sector 0306 with 11,070' 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 KCLG 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 = 1.1, 0 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 thousands of PE services are to be performed. A tagline 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 Farnell on 05/04/2015, Replace 6' of 2" PCG (WDR: A9284) with 6' - 2" Thimble due to leaking valve. Project Location: Mockingbird and River; Pressure System: S-31; MOP: 60 psig; MAOP: 60 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 10' of 4" PBG 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-030 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 300' 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 300' 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 300' 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 300' 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 1233' of 4" PE. There is an ADR at 900 E. 21st Street due 05/20/2015. 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 1233' of 4" PE. There is an ADR at 900 E. 21st Street due 05/20/2015. 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 1233' of 4" PE. There is an ADR at 900 E. 21st Street due 05/20/2015. 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 ADR. On 01/20/15 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 CI 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" Immediate Pressure System: C-175 KL parallels the proposed replacement segment. Verify cranes 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 8" CI due to AOR. On 01/20/15 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 of 500' ST is needed for a term to PE. Pressure System: C-001 MAOP: 2.2 psig MOP: 1.1 psig NOTE: 50" Intermediate Pressure System: C-175 XL parallels the proposed replacement segment. Ventry crews have located and determined the proper line.		
	008541 Total					1,686.32		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008543	Replace bare steel main - safety re	Addition	ISRS-Other	201510	23,262.29	Approved by: Michael Farrell on 05/20/2015, Replace 310' 3" PBG (WO None), 305' 2" PBG (WO 47622), & 130' 1 1/4" PE (WO 791287) with 500' 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 Farrell on 05/20/2015, Replace 310' 3" PBG (WO None), 305' 2" PBG (WO 47622), & 130' 1 1/4" PE (WO 791287) with 500' 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 Farrell on 05/20/2015, Replace 310' 3" PBG (WO None), 305' 2" PBG (WO 47622), & 130' 1 1/4" PE (WO 791287) with 500' 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.		
	008543 Total					24,334.16		393.1009 (5) (a) (b)	A,B,C
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" PBG (WO's 15626, 57532, 37544, & 614579), 31' 4" PCG (WO 653226), 300' 2" PCG (WO's 614512 & 780056), & 488' 2" PE (WO 781066) with 1800' 4" PE & 50' 4" PCG 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: \$56.10.		
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" PBG (WO's 15626, 57532, 37544, & 614579), 31' 4" PCG (WO 653226), 300' 2" PCG (WO's 614512 & 780056), & 488' 2" PE (WO 781066) with 1800' 4" PE & 50' 4" PCG 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: \$56.10.		
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" PBG (WO's 15626, 57532, 37544, & 614579), 31' 4" PCG (WO 653226), 300' 2" PCG (WO's 614512 & 780056), & 488' 2" PE (WO 781066) with 1800' 4" PE & 50' 4" PCG 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: \$56.10.		
	008546 Total					157,537.05		393.1009 (5) (a) (b)	A,B,C
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" PCG due to AOR. This replacement is due 08/08/2015. 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" PCG due to AOR. This replacement is due 08/08/2015. Pressure system C-001.		
	008548 Total					(107.38)		393.1009 (5) (a) (b)	A,B,C
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 KCLG pressure system with 3,500' - 2" of PE on 78th St, Hunter Ave, Tennessee Ave, and Manning Ave. 40 tie-overs. Summary of main to abandon (see pipe tab for details): 1,057' - 2" PDS, 1,561' - 3" PDS, 200' of 2" PCS, and 238' of 3" PCS. Price per ft = \$31.86. (IGRS)		
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 KCLG pressure system with 3,500' - 2" of PE on 78th St, Hunter Ave, Tennessee Ave, and Manning Ave. 40 tie-overs. Summary of main to abandon (see pipe tab for details): 1,057' - 2" PDS, 1,561' - 3" PDS, 200' of 2" PCS, and 238' of 3" PCS. Price per ft = \$31.86. (IGRS)		
	008549 Total					220,679.51		393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008633	Replace bare steel main - safety re	Addition	ISRS-Other	201509	2,383.79	Approved by: Michael Farrell on 05/28/2015, Replace 308' of 2" PBG 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 IGRS		
	008633 Total					2,383.79		393.1009 (5) (a) (b)	A,B,C
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 10,120' of Cast Iron in Sector 0306 with 6712' of 2" PE and 2500' 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 KCLG 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. 83 tieovers of PE services are to be performed. A tagout 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	195,269.58	Approved by: Joe Hampton on 05/19/2015, ICRG. Replace and abandon a total of 10,120' of Cast Iron in Sector 0300 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 be into the C-17E KCLC pressure system. New main to operate at 50 psig MROP, 50 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 psig. Existing main to be replaced has an MROP = 1, 10 psig & MAOP = 2.20 psig. All service regulators will need to be changed, 29 steel service risers to be replaced. Replacement services are to be charged to a service replacement blanket work order, 86 favors of PE services are to be performed. A litigation meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (S) (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" PBG (N/A), 140'-2" PBG (5-70), 108'-2" PBG (5-60), 70'-2" PBG (11513), 822'-2" PBG (A1115), 326'-2" PBG (12463), 134'-2" PBG (26360), 172'-2" PBG (11196), 1881'-6" PBG (4034), 765'-2" PBG (A1117), 196'-2" PBG (28113), 158'-2" PBG (664307), and 252'-2" PCG (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" PBG (N/A), 140'-2" PBG (5-70), 108'-2" PBG (5-60), 70'-2" PBG (11513), 822'-2" PBG (A1115), 326'-2" PBG (12463), 134'-2" PBG (26360), 172'-2" PBG (11196), 1881'-6" PBG (4034), 765'-2" PBG (A1117), 196'-2" PBG (28113), 158'-2" PBG (664307), and 252'-2" PCG (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" PBG (N/A), 140'-2" PBG (5-70), 108'-2" PBG (5-60), 70'-2" PBG (11513), 822'-2" PBG (A1115), 326'-2" PBG (12463), 134'-2" PBG (26360), 172'-2" PBG (11196), 1881'-6" PBG (4034), 765'-2" PBG (A1117), 196'-2" PBG (28113), 158'-2" PBG (664307), and 252'-2" PCG (700031). Main currently runs on 4th Ave, 5th Ave, 17th St, 15th St and 12th St.	393.1009 (S) (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. Abandon 3' of 4" PCG. Install 3' of 4" PCG. Direct tie-in.		
376100-Mains - Steel	008675	Replace steel & plastic main	Addition	ISRS-Other	201510	(0.47)	Approved by: Kevin Driskell on 05/01/2015, This work order is necessary to replace leaking bolted dresser coupling. Abandon 3' of 4" PCG. Install 3' of 4" PCG. Direct tie-in.	393.1009 (S) (a) (b)	A,B,C
	008675 Total					(4.08)			
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. (ISRG)		
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. (ISRG)	393.1009 (S) (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. (ISRG)		
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. (ISRG)	393.1009 (S) (a) (b)	A,B,C
	008731 Total					(1,221.10)			
376300-Mains - Plastic	008740	Main Replacement - ISRS (S)	Addition	ISRS-Other	201509	(2,350.49)	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. (ISRG)		
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. (ISRG)	393.1009 (S) (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. (ISRG)		
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. (ISRG)		
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. (ISRG)	393.1009 (S) (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. (ISRG)		
382000 Meter Installations-MGE	008798	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201510	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. (ISRG)	393.1009 (S) (a) (b)	A,B,C
	008798 Total					2,760.97			
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. (ISRG)		

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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
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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Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	Statute Section	State or Federal Requirement
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, Parier 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)		
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: Glen Shoemaker on 06/26/2013, Replace 44" - 48" PCG (W/O# 00-1096) and 28" - 36" PCG (W/O# 00-1096) and relocate with 370" - 48" PE and 50" - 66" PE due to 20th St. Traffic Signal 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 Miesaleppa; 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, 662-4in PE (WO 13-2678) will be used to replace the 6in PCG. Original work orders - 807 66-2514 / 2003 66-4276 / 1207 66-0402 / 1115 66-6171 / 1117 66-3679.	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: Dave Holcomb on 04/19/2013, Abandon 56" - 4in PCG (W/O# 78-1634) and 1370" - 4in PE (W/O# 05-1016, 07-4677) and replace with 1940" - 4in PE due to conflict with proposed storm sewer and road widening improvements. Project Location: 19th and Melden Ln; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.87/m	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" PCG 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" PCG 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" PCG 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: Dave Holcomb on 02/18/2014, "MODOT Permit Required" Abandon 48" - 2" PDS (W/O# J0133), 1031" - 4" PDS (W/O# J0133, 52370), 50" - 2" PCG (W/O# 07-1060, 75-4141, 77-1903), 100" - 4" PCG (W/O# 75-4141), and 30" - 7/8" PE (W/O# 77-1006) and replace with 115" - 2" PE and 1065" - 4" PE due to City of Republic overlay program. Project Location: Main and Elm; Pressure System: C-1; MOP: 30.5 psig; MAOP: 38.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.83/m	393.1009 (5) (C)	
	004134 Total					(6.60)			
376100-Mains - Steel	004141	Street & highway relocates	Addition	Public Improv	201509	623.64	Approved by: Dave 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 - 10" on the west and 8" on the east. Both are dated 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 5195 L.S. Rd (on W/O# 13-2533) in order to build new DRG 100 (on W/O# 13-2616) to separate the Green Valley Island 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 GCADA 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 DRG 100 to the new 20" main. Install 3600' - 20" 3in film; 4570' - 20" 3in film w/ powercable; 110' - 18" 3in film; 385' - 12" 3in film; 0' - 8" 3in film; 31' - 4" 3in film; and 16' - 2" 3in film. Abandon: 2" - 4" PCG (W/O# 00-2933); 161' - 12" PCG (W/O# 61-1515); 16' - 8" PCG (W/O# 61-1570); 2' - 8" PCG (W/O# 67-0787); 6' - 8" PCG (W/O# 67-0797); 32' - 12" PCG (W/O# 67-0797); 14' - 18" PCG (W/O# 67-0797); 841' - 8" PCG (W/O# 77-3812); 80' - 8" PCG (W/O# 84-0722); 125' - 8" PCG (W/O# 64-0722); 900' - 10" PCG (W/O# 64-1062); 1' - 2" PCG (W/O# 85-3581); 578' - 16" PCG (W/O# 87-5478); 4482' - 18" PCG (W/O# A3097C); 1719' - 16" PCG (W/O# 04043); 0670' - 8" PDS (W/O# 04-2382, purchased in ground from Pembridge, AKA Liberty Lateral, AKA W2472). NOTE: Jackson County agreed to pay \$1,179,273 for this relocation. The 3rd and final installment of \$325,825 was rec'd 1-29-15 per WOCG - AKM	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 100' - 36" PE (WO#s: A0003, A70873, A82118), 1015' - 36" PE (WO#s: A0003, A70873, A82118), 79' - 36" PE (WO#s: 78-1004, 82-0792), 2' - 48" PE (WO#s: 75-1634), 69' - 64" PE (WO#s: 79-0780, 1407 - 84" PE (WO#s: 03-4560, 64-5423, 87-2471, 88-5239, 82-0790, 80-0251), 257' - 28" PE (WO#s: 78-0368, 88-1533, 86-1025, 80-5297, 11-8100, 12-1250), 925' - 38" PE (WO#s: 75-0702, 84-0012, 11-8333), and 773' - 48" PE (WO#s: 86-1633, 87-4877, 84-0310, 11-7772, 11-8080, 11-8333) and replace with 241' - 26" PE (WO#s: 2015 - 44" PE, PE, and 2789' - 88" PE, PE to avoid conflict with 200th St Road widening and storm water improvement project. The work will also close two (2) - 83 Leaks (Leak No's: 11-0005, 08-0071). Project Location: 20th and Schiller/Decker 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; 307,20ft.	393.1009 (S) (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' - 48" PE (WO#s: 76-4281, 84-0888, 86-1426, 87-3004, 82-8920, 88-4577) and 295' - 36" PE (WO#s: 80-1080) and replace with 5822' - 48" 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, 2' inside of RWY line. Project Location: 50th and Indiana, Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$29,07ft.	393.1009 (S) (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 88" regulator station at LG Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 128" Grain Valley lateral (pressure system C-225; MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 88" and 168" 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 88" and 168" lines with a single 208" line (on WOF 13-2520) and will build DRG 100 on WOF 13-2616 to separate the two systems.	393.1009 (S) (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 88" regulator station at LG Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 128" Grain Valley lateral (pressure system C-225; MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 88" and 168" 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 88" and 168" lines with a single 208" line (on WOF 13-2520) and will build DRG 100 on WOF 13-2616 to separate the two systems.		
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 88" regulator station at LG Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 128" Grain Valley lateral (pressure system C-225; MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 88" and 168" 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 88" and 168" lines with a single 208" line (on WOF 13-2520) and will build DRG 100 on WOF 13-2616 to separate the two systems.	393.1009 (S) (C)	
	004380 Total					8,850.88			
376300-Mains - Plastic	004389	Street & highway relocates - safety	Addition	Public Improv	201509	(4.65)	Approved by: Ralph Jones on 02/24/2014. Replace and abandon 14' - 2" pbs main (20670), 121' - 2" pbs main (12319), 300' - 2" pbs main (35202) and 74' - 2" pbs main (51785) by installing 410' - 2" pbs main to allow the City to replace the street with out needing to cut the new pavement in the future. (ISRS)	393.1009 (S) (C)	
	004389 Total					(4.65)			
376100-Mains - Steel	004394	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(0.17)	Approved by: Steve Lindsay on 03/18/2014. MoDOT Project J471475. The work order is written for the 0" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WOF 14-3265 is written to relocate 0" PE in private easements along 201' for the same MoDOT project at MoDOT's expense. We are relocating 105ft - 0" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 0" PE will be run west across Rock Haven replacing 2" PCS due to the growth in the area since the original main was installed in the 1990s. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm infiltration and grading. Main to abandon: 457' - 2" PCS (WO# 08-3227), 368' - 2" PCS (WO# 05-7197), 8' - 2" PCS (WO# 87-3251), 100' - 0" PCS (WO# 87-3251), 35' - 2" PCS (WO# 64-4630), 573' - 0" PCS (WO# 63-0387), 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$91.12		

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376300-Mains - Plastic	004394	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(13.13)	Approved by: Steve Lindsey on 03/10/2014, MoDOT Project J-4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Paces only. W/O# 14-3205 is written to relocate 6" PCS in private easements along 201' for the above MoDOT project at MoDOT's expense. We are relocating 1650' - 6" PE, 206' 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 1900s. 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 (W/O# 05-3227); 368' - 2" PCS (W/O# 05-7107); 6' - 2" PCS (W/O# 07-3225); 100' - 6" PCS (W/O# 07-3251); 35' - 2" PCS (W/O# 04-4030); 573' - 6" PCS (W/O# 03-0307); 142' - 2" PCS (W/O# 04-4013). (DRG) 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" PBG (W/O#s: 3754A, 5103B), 400' - 4" PCS (W/O# 74-3816), and 275' - 4" PE (W/O# 88-1682) and relocate with 125' - 4" PE and 133' - 8" PE casing due to proposed railroad overpass. Project Location: 20th and Wilcoxian, 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. \$47,578.12 DRG	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, 264'-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. SHW to OPS all intersections. Reline 30'-2in PE, W/O 07-1330; 94'-4in PE, W/O 05-0613; 24'-4in PCS, W/O 05-0613; 130'-12in PCS, W/O 04-0661; 4'-2in PE, W/O 04-0661; 83'-4in PE, W/O 04-727B; 31'-3in PBG, W/O 07388; 100'-8in CI, W/O NONE; 140'-10in CI, W/O NONE; 204'-12in CI, W/O 04-0668. COST PER FOOT \$360.04 Reopen per Adam H for road paving - 0-5-15	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, 264'-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. SHW to OPS all intersections. Reline 30'-2in PE, W/O 07-1330; 94'-4in PE, W/O 05-0613; 24'-4in PCS, W/O 05-0613; 130'-12in PCS, W/O 04-0661; 4'-2in PE, W/O 04-0661; 83'-4in PE, W/O 04-727B; 31'-3in PBG, W/O 07388; 100'-8in CI, W/O NONE; 140'-10in CI, W/O NONE; 204'-12in CI, W/O 04-0668. COST PER FOOT \$360.04 Reopen per Adam H for road paving - 0-5-15	393.1009 (5) (C)	
	004645 Total					(34.54)			
376100-Mains - Steel	004654	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(1,165.14)	Approved by: Steve Lindsey on 02/24/2014, (ISRS), Replace 9,743 feet in River Market area due to public improvement project. Install 2,229'-24in PCS, 872'-12in PCS, 385'-6in PCS, 747'-4in PE, 5,906'-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 4G services. COST PER FOOT \$163.66	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 2,229'-24in PCS, 872'-12in PCS, 385'-6in PCS, 747'-4in PE, 5,906'-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 4G services. COST PER FOOT \$163.66	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 04/09/2014, Unity Village is making improvements to the Calbert/Unity Way intersection, including rerouting 33rd Parleyway 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 562' 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 58% reimbursable project. \$15,565. Main to retire: 500' - 10" PBG (W/O# 04-2362), 54' rotary meter set that serves Unity to be relocated/rebuilt on W/O# 13-2731. Check 016503 rec'd 3-29-14 for \$57,068.67 per W/O#C.	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 Jena on 04/18/2014, Public Improvement - MoDOT Project J353025. Install 11' of 4" PCS as a dogleg to go underneath proposed 18" storm. Existing man was potholed at 36" deep. Proposed storm is 3' in top of pipe. Dogleg to be installed at 7' depth. Main to abandon: 5' - 4" PBG (NO W/O). (ISRS).		

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376100-Mains - Steel	005030	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(10.17)	Approved by: Ralph Jones on 04/18/2014, Public Improvement - MoDOT Project J363022, install 11' of 4" PCG as a dogleg to go underneath proposed 18" storm. Existing main was potholed at 30" deep. Proposed storm is 3' to top of pipe. Dogleg to be installed at 7' depth. Main to abandon: 3' - 4" PBG (NO W/O), (ISRS).	393.1009 (S) (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 407' of 2" PBG and 126' of 2" PCG 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: 3-1, MOP: 18 PSIG, MAOP: 18 PSIG, Design: 58 PSIG, Test: 100 PSIG. Price Per Foot: \$33.00.	393.1009 (S) (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 PBG and 4in PE with 1,787ft-2in PE and 2,577ft-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 Collier 1 week prior to start of work to schedule staking. COST PER FOOT \$51.69	393.1009 (S) (C)	
	005270 Total					(594.57)			
376300-Mains - Plastic	005331	Street & highway relocates	Addition	Public Improv	201509	(12.61)	Approved by: Gary Williams on 06/10/2014, Relocate 20ft - 2in pe main and install 20ft-2in pe main due to storm sewer structure in conflict.	393.1009 (S) (C)	
376300-Mains - Plastic	005331	Street & highway relocates	Addition	Public Improv	201510	(2.55)	Approved by: Gary Williams on 05/16/2014, Relocate 20ft - 2in pe main and install 20ft-2in pe main due to storm sewer structure in conflict.	393.1009 (S) (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" PBG (WO#s: J0138, J1318, J2629, J3073, J3374, J4061, J4758, J5232, J7249, J9203), 821' - 2" PCG (WO#s: 20151, 01-2107, 01-2345, 73-1738, 77-1756, 06-5873), 6in - 1.22ft PE (WO#s: 02-3062), and 18ft - 2" PE (WO#s: 06-2101, 06-5318) and replace with 5772' - 2" PE due to City of Republic Overlay program. This work will also remove a section of brick 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: Nixon 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 (S) (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'-4in thin film for MODOT project J43005 under I-35. Main needs to be 12" deep under the highway due to cuts. No services to tie-over. Retire 325'-10in PCG, WO 07-6537, Year 1967, COST PER FOOT \$132.62	393.1009 (S) (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'-4in thin film for MODOT project J43005 under I-35. Main needs to be 12" deep under the highway due to cuts. No services to tie-over. Retire 325'-10in PCG, WO 07-6537, Year 1967, COST PER FOOT \$132.62	393.1009 (S) (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 PBG and 6in PCG with 1,740'-6in PE and 70'-2in PE due to public improvement project. Tie over 11 services, Retire 7'-6in PE, WO 12-1650, Year 2012; 1372'-6in PBG, WO 03344, Year 1947; 350'-6in PCG, WO 01-4043, Year 1981; 10'-6in PE, WO 87-3108, Year 1967; 15'-2in PE, WO 04-46743, Year 2004; 50'-2in PCG, WO 04-4406, Year 1964; 45'-6in PCG, WO 06633A, Year 1968.	393.1009 (S) (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" PBG (WO#s: NONE, 119508, 17242), 360' - 3" PBG (WO#s: NONE), and 27' - 3" PE (WO#s: 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 2703 and 2813 E 12th will be cut off and limited to 100 psig for a minimum of 15 minutes prior to tie-over. Project Location: 11th and Highway. Pressure System: C-1, MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$40.19/ft	393.1009 (S) (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" PBG (WO#s: NONE), 541' - 2" PCG (WO#s: NONE, 06-0319, 78-0557, L04034), and 11' - 2" PE (WO#s: 04-1168) and relocate with 1183' - 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: Rola and Browne; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$42.00/ft Reopened per Cindy Peck 6-30-15 for Joplin paving charges-AMM	393.1009 (S) (C)	
	005555 Total					(53.54)			
376100-Mains - Steel	005633	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201509	(1.88)	Approved by: Ralph Jones on 07/02/2014, Relocate and abandon 8' - 6" pcc main (work order 132741) by installing 10' - 0" pcc main to allow City to install new storm sewer structure. (ISRS)	393.1009 (S) (C)	
	005633 Total					(1.88)			
376100-Mains - Steel	005687	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(6.73)	Approved by: Kevin Drakett on 07/11/2014, ISRS Relocate main for public improvement project. Pressure System C-006, Coordinate with Engineering prior to construction.	393.1009 (S) (C)	
	005687 Total					(6.73)			

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	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: Gleen Shoemaker on 07/14/2014. Abandon 848' - 2" PBG (WO#s: NONE, 3750, 25785, 20320, 42825, 66-0077, 66-2012), 100' - 2" PCG (WO#s: 60-4776), and 143' - 3" PCG (WO#s: 37692) and 149pegs with 1212' - 2" PE due to conflict with proposed sidewalk improvement. There is one active 83 Leak (Leak No. 10-0096) 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; Design: 58 psig; Test: 100 psig; IGRS: \$30.00/m	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" PBG (WO# 5921), 50' - 1.25" PE (WO# E321123), 330' - 2" PBG (WO# 5004), and 431' - 2" PCG (WO#s: 65-6752, 65-6753, 65-2655) and replace with 405' - 2" PE, 725' - 4" PE and 25' - 4" Thinline due to storm water and sidewalk improvements. This work order will also install a remote inlet valve for DRG 13-1-C. Project Location: Pennel and Summit; Pressure System: S-1; MOP: 40 psig; MAOP: 60 psig; Design: 60 psig; Test: 100 psig; IGRS	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" PBG (WO# 5921), 50' - 1.25" PE (WO# E321123), 550' - 2" PBG (WO# 5004), and 431' - 2" PCG (WO#s: 65-6752, 65-6753, 65-2655) and replace with 405' - 2" PE, 725' - 4" PE and 25' - 4" Thinline due to storm water and sidewalk improvements. This work order will also install a remote inlet valve for DRG 13-1-C. Project Location: Pennel and Summit; Pressure System: S-1; MOP: 40 psig; MAOP: 60 psig; Design: 60 psig; Test: 100 psig; IGRS		
	005737 Total					(23.10)		393.1009 (5) (C)	
376100-Mains - Steel	005772	Street & highway relocates - safety	Addition	Public Improv	201509	(71.30)	Approved by: Gary Williams on 07/23/2014. (IGRS) Replace 100'-4in PBG with 4in thin film and 2" PCG with 270'-2in PE. New 4in main needs to be 6" 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. (IGRS) Replace 100'-4in PBG with 4in thin film and 2" PCG with 270'-2in PE. New 4in main needs to be 6" below existing grade due to new storm sewer. Dead end 2" PE main at 2307 NE 44th Terr. Tie over 3 services.		
	005772 Total					(86.92)		393.1009 (5) (C)	
376300-Mains - Plastic	006075	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(104.98)	Approved by: Gary Williams on 08/12/2014. Cut and Cap 4" PE running along bridge on Isley Blvd. Bore under creek along marquette 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)		393.1009 (5) (C)	
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 J4020098 - Improvements to BB (Main St / Buckner Turnway) from Walnut to AA. Relocate 1,900' - 6" PE, 270' - 4" PE, 1,000' - 2" PE, and 220' - 10" thin film at KCS RR for road improvements. Main to abandon: 1977' - 6" PCG (WO# 61-1488 - original town piping); 1066' - 2" PCG (WO# 61-1500 - original town piping); 240' - 6" PCG (WO# 62-4100); 294' - 2" PCG (WO# 62-4132); 140' - 2" PCG (WO# 66-1632); 106' - 2" PE (WO# 84-3718); 40' - 2" PE (WO# 67-3528); 100' - 4" PE (WO# 61-3034); 21' - 4" PCG (WO# E319481); 11' - 6" PE (WO# 68-2662); 3' - 6" PCG and 3' - 2" PCG (WO# 12-1025). (IGRS)	393.1009 (5) (C)	
	006423 Total					4,411.61		393.1009 (5) (C)	
376300-Mains - Plastic	006431	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201509	(472.53)	Approved by: Gleen Shoemaker on 09/15/2014. Abandon 744' - 3" PCG (WO#s: 67149, 58802, 62-3215, 64-3282, 73-3480) and replace with 749' - 2" PE due to city of Joplin sidewalk project returning main to be lowered. One block will be lowered by the company crews due to a stick 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; \$67.36/m *Due to having to work have two different times to meet schedule and weld on so many fittings" IGRS	393.1009 (5) (C)	
	006431 Total					(472.53)		393.1009 (5) (C)	
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'-6in PBG 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 MAOP=90#.	393.1009 (5) (C)	
	006433 Total					(260.48)		393.1009 (5) (C)	
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" pbg main, 942' - 2" pbg main, 570' - 2" pbg main, 36' - 3" pbg main, 36' - 4" pbg main and 1,273' - 4" pbg 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 (IGRS)		

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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 2,000' - 2" pbs main, 902' - 2" pbs main, 575' - 2" pbs main, 30' - 3" pbs main, 30' - 4" pbs main and 1,273' - 4" pbs main by installing 4,110' - 2" pbs main and 1,602' - 4" pbs main to allow the City of Lee's Summit to rebuild the street and install new storm sewers (ISRS)	393.1009 (5) (C)	
	006716 Total					(479.09)			
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 (WOF 63-3228) due to proposed expansion of storm box culvert for City of Joplin. Work to be coordinated with contractor installing new box culvert. Project Location: 1C and Picher; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$161.70/m	393.1009 (5) (C)	
	006734 Total					(24.84)			
376300-Mains - Plastic	006915	Street & Highway Relocates ISRS (N)	Addition	Public Improv	201509	(235.50)	Approved by: Danielle Richards on 11/12/2014. (ISRS). Replace 4" PBS, 2" PDS, and 3" PDS due to public improvement project. Lay 475'-4in PE and 190'-2in PE.	393.1009 (5) (C)	
	006915 Total					(235.50)			
376300-Mains - Plastic	007171	Street & highway relocates	Addition	Public Improv	201509	(214.54)	Approved by: Galen Shoemaker on 12/03/2014. Abandon 150' - 2" PDS (WOF 4600) and 11' - 2" PDS (WOF 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/m	393.1009 (5) (C)	
	007171 Total					(214.54)			
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 (WOF 62-4600) and 20' - 4" PE (WOF 00-5708) and replace with 135' - 4" PE due to proposed storm water improvements. Project Location: 24th and Patterson; Pressure System: C-3; MOP: 6.00 psig; MAOP: 6.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$61.07/m	393.1009 (5) (C)	
	007326 Total					(58.59)			
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 250' of 2" PE main to abandon 250' of 2" PE (WOF 67-4596) in conflict with the proposed storm sewer. ISRS	393.1009 (5) (C)	
	007392 Total					(35.39)			
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" PDS (WOF 66-3880), 1879' - 3" PDS (WOFs: 61-0076, 63-2446, 63-3532, 65-1076, 65-3766), 438' - 4" PDS (WOFs: 65-2135, 65-3766) and 80' - 10" PE (WOF: 06-8800) 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 lay over new main and services. Project Location: 20th 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/m ISRS	393.1009 (5) (C)	
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" PDS (WOF 66-3880), 1879' - 3" PDS (WOFs: 61-0076, 63-2446, 63-3532, 65-1076, 65-3766), 438' - 4" PDS (WOFs: 65-2135, 65-3766) and 80' - 10" PE (WOF: 06-8800) 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 lay over new main and services. Project Location: 20th 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/m ISRS	393.1009 (5) (C)	
376300-Mains - Plastic	007507	Street & Hwy Relocates ISRS (SW)	Addition	Public Improv	201512	1,043.11	Approved by: Steve Holcomb on 01/20/2015. Abandon 134' - 2" PDS (WOF 66-3880), 1879' - 3" PDS (WOFs: 61-0076, 63-2446, 63-3532, 65-1076, 65-3766), 438' - 4" PDS (WOFs: 65-2135, 65-3766) and 80' - 10" PE (WOF: 06-8800) 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 lay over new main and services. Project Location: 20th 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/m ISRS	393.1009 (5) (C)	
	007507 Total					134,452.57			
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 J353040. Install two doglegs for MoDOT improvement project to Hwy 131 in Odessa. Install 5x30x5 4" thin film vertical dogleg to retire 30' - 4" PDS (WOF 61-1511) and 4x10x4 2" thin film vertical dogleg to retire 10' - 2" PDS (WOF 61-1513). (ISRS)	393.1009 (5) (C)	
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 J353040. Install two doglegs for MoDOT improvement project to Hwy 131 in Odessa. Install 5x30x5 4" thin film vertical dogleg to retire 30' - 4" PDS (WOF 61-1511) and 4x10x4 2" thin film vertical dogleg to retire 10' - 2" PDS (WOF 61-1513). (ISRS)	393.1009 (5) (C)	
	007573 Total					1,829.59			
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 780' of 4" PE is in easement and we are moving to RMV (\$29,568.58). Pressure system 5-45A. Check for \$20850.58 and a 2-2-15 per W.O.E.S.		

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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 PDS in the project area as well as along Parker south to 136th with 2" PE. Replace 1613' - 2" PDS/PCG with 1620' - 2" PE. Main to abandon: 522' - 2" PDS (unknown WO, pre-1040 vintage); 188' - 2" PDS (WO# J07802); 703' - 2" PDS (WO# A66100), 10' - 2" PDS (WO# 58302); and 210' - 2" PDS (WO# 72-3446). (ISRG) 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 PDS in the project area as well as along Parker south to 136th with 2" PE. Replace 1613' - 2" PDS/PCG with 1620' - 2" PE. Main to abandon: 522' - 2" PDS (unknown WO, pre-1040 vintage); 188' - 2" PDS (WO# J07802); 703' - 2" PDS (WO# A66100), 10' - 2" PDS (WO# 58302); and 210' - 2" PDS (WO# 72-3446). (ISRG) 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 Dalmont between 137th and 138th. Relocate 1918' - 2" PDS and PCG with 1020' - 2" PE. Main to abandon: 500' - 2" PDS (WO# A1386); 170' - 2" PDS (WO# A76832); 134' - 2" PDS (WO# 40559); 214' - 2" PDS (WO# 47139). (ISRG) Price per ft = \$36.77		
	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 JAP2223 - 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# 02-4108) and relocate 4" PE dead end feed along Shenandoah at Blackwell. To facilitate this relocation we will install 570' of 2" PE main at Ashville and Blackwell. Relocate 300' - 4" PE and 5' - 2" PE to abandon 444' - 4" PE and 10' - 2" PE (WO# 07-4648). (ISRG)		
	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" PCG (WO#s: 62-1825, 56-1176, 66-2103, 76-1016), and 93' - 4" PE (WO#s: 09-0571, 00-0920) and replace with 2815' - 4" PE due to proposed storm water improvement project for the City of Joplin. Project Location: 28th and Pannoy/Veneta; Pressure System: C-2/C-3, MOP: 1.5psig/0.00 psig; MACP: 1.5 psig/0.50 psig; Design: 58 psig; Test: 100 psig; \$57.47/ft ISRG		
	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 Clerk 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 file 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" pvc main (work order 08-2906) by installing 285' - 8" pvc main to allow the City to complete a public improvement project. ISRG		
376100-Mains - Steel	007969	Street & Highway Relocates ISRS (S)	Addition	Public Improv	201510	(14.15)	Approved by: Joe Hampton on 03/28/2015, Relocate and abandon 305' - 8" pvc main (work order 08-2906) by installing 285' - 8" pvc main to allow the City to complete a public improvement project. ISRG		
	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 Fornell on 05/04/2015, Lower 3' of 4" PE main due to storm drain being put in. Project Location: Davis Blvd. S of 28th St. System: C-1, MOP: 58 PSIG, MACP: 68 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 03/06/2015, ISRG Relocate 40' 4" PE while abandoning 307' 4" PE due to City Curb and Outer 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 BKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MACP: 35 psig, MOP 30 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 05/05/2015, ISRG Relocate 40' 4" PE while abandoning 307' 4" PE due to City Curb and Outer 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 BKW WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-006 MACP: 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 Outlet 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 DGM WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SEWER. Pressure System: C-000 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 James on 12/23/2014. Rebuild DRSF 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 WOF 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 Stratner Road to allow the joint LS/KC Lee's Summit Road project to make large grade cuts at existing Stratner and relocate water as they desire. The existing station (WOF 00-0450) will be retired with the 2 - 2" 441-570 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 James on 12/23/2014. Rebuild DRSF 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 WOF 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 Stratner Road to allow the joint LS/KC Lee's Summit Road project to make large grade cuts at existing Stratner and relocate water as they desire. The existing station (WOF 00-0450) will be retired with the 2 - 2" 441-570 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 Driskill on 06/01/2015. This work order is necessary to relocate 4" PE main in conflict with a Public Works Project. Abandon 40' 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 Driskill on 06/01/2015. This work order is necessary to relocate 4" PE main in conflict with a Public Works Project. Abandon 40' 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			

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	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 James on 07/28/2014, Replace and retire 165' - 2" pe service line installed on work order 06-1165 by installing 165' - 4" pe service line due to added load. Meter set to be rebuilt on work order 14-3847, 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 Dreikall on 08/28/2014, 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 CUSTOMER ADDING A BOILER LOAD 8,050 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 60' 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					17,691,796.48			

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 steel iron breaks being within 500 feet of each other. See the procedure, Tower B service.	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. (Moberly - South Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003825	SLRP - meter & regulator replacement	Addition	Blanket WO	201601	2,948.61	Service/Yard Line Replacement (SLRP) - Company Crew, Rebuild meter/regulator setting (exclude regulator) (Las's Summit - East Region)	393.1009 (5) (a) (b)	A,B,C,I
382000 Meter Installations-MGE	003930	SLRP - meter & regulator replacement	Addition	Blanket WO	201601	22.19	Service/Yard Line Replacement (SLRP) - Contract Crew, Rebuild meter/regulator setting (exclude regulator) (Moberly - 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)	

Missouri Gas Energy - MOE
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	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 - contract	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 Lindsay on 03/18/2014. Public Improvement Project: Jefferson Street Roadway Improvements - Stuart Rd to Patsula 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 Patsula to Stuart. Our existing mains are in conflict with the storm and proposed pavement. Release 4315' - 0" PE, 200' - 4" PE, and 200' - 2" PE. Main to abandon: 600' - 6" PCS (WO# 01863); 202' - 6" PCS (WO# 68-4020); 107' - 3" PE (WO# E318523); 15' - 1" PCS (WO# 09-1300); 140' - 6" PCS (WO# 72-2488); 178' - 6" PCS (WO# 70-0008); 35' - 4" PCS (WO# 73-6007); 969' - 6" PCS (WO# 73-7793); 513' - 4" PCS (WO# 73-7817); 50' - 4" PE (WO# 88-2001); 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 replacement	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 Haack on 06/15/2013. Build a double run 86quot, regulator station at LG Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 126quot; Green Valley lateral pressure system C-225; MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 86quot; and 106quot; 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 86quot; and 106quot; lines with a single 206quot; line (on WO# 13-2520) and will build DRS 100 on WO# 13-2616 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 - contract	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 Hakoma on 02/20/2014. Replace 100'-2" PCS (WO#s None & 730000), 872'-2" PSC (WO# None), 372'-3" PSC (WO#s None, 655-442, & 041065), 2511'-4" PSC (WO# 6555023, #1 - 4" PE (WO# 047333) with 1325' - 2" PE & 500' - 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, 15-0150, & 10-0000) 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: 120 PSIG. Price Per Foot: \$30.24. Reopened 11-16-15 per Cindy Peck for beta 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 replacement	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

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	005012	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201601	(27,417.50)	Approved by: Steve Holcomb on 04/14/2014. Abandon 181' - 2" PBC (WO#s: NONE, 44460), 10' - 2" PBC (WO# 01-2382), 170' - 3" PBC (WO#s: 03-2361), 803' - 3" PBC (WO#s: 01-1096, 05-0910), 1769' - 4" PBC (WO#s: A4563N, 46260), 13' - 4" PBC (WO# 08-0317), 2107' - 6" PBC (WO# A5145A), 51' - 6" PBC (WO# 72-0627), 10' - 6" PBC (WO# 08-0916), 122' - 1.25" PE (WO# 05-0300), and 60' - 4" PE (WO# 08-1047). Replace with 50' - 2" Thipelin, 252' - 2" PE, 810' - 4" PE, and 3000' - 6" PE due to gradually down grade (CPE13-104) and to clear trees (3) active 83 Leak (Leak No.'s: 13-057, 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 DRG 01-38-C. This work order will also replace the outlet piping and install a remote outlet valve for DRG 01-37-C. This work order will also remove dual main different pressure systems along 15th St. Project Location: 15th and Delaware; Inlet Pressure System: G-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: G-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 58 psig; Test: 100 psig; IRR: \$54.50/m	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 05/06/2014. Abandon 1973' of 2" PBC & 105' 2" PBC and install 1895' 2" PE and 320' 2" PBC due to leakages 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-B, MOP: 42 PSIG, MAOP: 45 PSIG, Design: 58 PSIG, Test: 100 PSIG, Phse Per Foot: 326.72.	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 05/06/2014. "MODOT PERMIT REQUIRED" Abandon 1150' - 2" PBC (WO#s: NONE, 19120, 44377, 46477, 50272), 7653' - 3" PBC (WO#s: NONE, 46690), 2240' - 4" PBC (WO# NONE), 1103' - 2" PBC (WO#s: 56603, 01-3002, 01-4292, 73-4772, 00-1083), 1678' - 3" PBC (WO#s: NONE, 58005, 01-0314, 01-0330, 05-0260, 00-0909), 443' - 4" PBC (WO#s: 09-0104, 00-1093), 346' - 1.25" PE (WO#s: 73-4422, 00-3271), 188' - 2" PE (WO#s: 74-4821, 04-1070, 04-7789), 100' - 3" PE (WO#s: 00-0461, 01-0920), and 5' - 4" PE (WO# 04-7789). Replace with 8400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRG 05-04-1-C (WO# 00-1082), 2 - 2" regulators, 461-S and 461-S7G (WO# 00-1082), 1 - 2" polyvalve (WO# 00-1083), 1 - 3" Kerolast valve (WO# 00-1083), 1 - 4" Kerolast valve (WO# 00-1083), 1 - 2" weld ball valve (WO# 00-0909), and Rectifier No. 0370 (WO#s: 79-3398, 07-0609). Remove Monitoring Unit #18-800825 will be recovered. Work Order will also create several new loops in the system and clear two active 83 leaks (Leak No.'s: 12-0137, 12-0146). There are 01 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; IRR	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 Leuber on 08/06/2014. This work order is necessary to relocate the existing rectifier and ground bed for rectifier 0250, originally installed on VIO 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 D. Dewisher on the north side of the road. Shew Electric will supply electrical permits, 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 Leuber 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 "D" highway (a.k.a.) Buckner-Tamney Road. This ground bed will connect at the end of the existing 2" PCC on Oakland School Road (hence run on the south side of the road to the low area. Shew 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 06/10/2014. Modot Project J402020B - Improvements to BB (Main St / Buckner Tamney) from Walnut to AA, Relocate 1,800' - 6" PE, 270' - 4" PE, 1,000' - 2" PE, and 225' - 10" thin film at KCS RR for road improvements. Main to abandon: 1877' - 6" PBC (WO# 01-1488 - original town piping), 1000' - 2" PBC (WO# 01-1500 - original town piping), 240' - 6" PBC (WO# 02-0105), 304' - 2" PBC (WO# 02-4132), 140' - 2" PBC (WO# 05-1822), 108' - 2" PE (WO# 04-3718), 40' - 2" PE (WO# 07-3029), 100' - 4" PE (WO# 01-0034), 21' - 4" PBC (WO# E319481), 11' - 6" PE (WO# 00-0300), 3' - 6" PBC and 3' - 2" PBC (WO# 12-1022), (IRR)	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 Requirements
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 15,000' of cast iron main in Sector 0306 with 16,000' 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 be into the C-170 RGLD pressure system. New main to operate at 50 psig MOP, 50 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 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) blowoffs of PE services are to be performed. A fatigue 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 650' - 6" PBG (WO#s: NONE, A1160B) and replace with 25' - 4" Thinline and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 01-73-C and install a new remote outlet valve for said station. Project Location: "C" and West St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 50 psig; Test: 100 psig; ISRS \$54.00/m. Reopened 10-26-15 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 650' - 6" PBG (WO#s: NONE, A1160B) and replace with 25' - 4" Thinline and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRG 01-72-C and install a new remote outlet valve for said station. Project Location: "C" and West St. Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 50 psig; Test: 100 psig; ISRS \$54.00/m. Reopened 10-26-15 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	201501	26.88	Approved by: Ralph James on 10/13/2014. Rebuild DRG 4 at Foxwood and Madison. Inlet System C-007 w/ MOP = 130 psig, MAOP = 150 psig. Outlet System C-001 w/ MOP = 50 psig, MAOP = 58 psig. Main to be replaced on W/O# 14-3264. The existing station (W/O# 06-5143) will be retired with the 2" Maoney PG regulator and the 2" 461-575 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" PBG (WO#s: 1624, 54101, 52637), 22' - 2" PCs (WO#s: 02-1877, 05-7858), 450' - 3" PCs (WO#s: 61-2977, 03-1877), 50' - 2" PE (WO#s: 77-3050, 05-0835), and 22' - 3" PE (WO#s: 88-1540) and replace with 650' - 2" PE and 25' - 2" Thinline 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 DRG 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: 50 psig; Test: 100 psig; ISRS \$40.76/m	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 1203' - 2" PBG (WO#s: NONE, 15678), 120' - 3" PCs (WO#s: 63-5030), 102' - 1 1/4" PE (WO#s: 04-1030) and replace with 2122' - 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 Peterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 50 psig; Test: 100 psig; ISRS \$38.05/m	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 06-02 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: 14-3610, 14-3620, 14-3621, and 14-3622. Install 5300' of 2" PE main on 14-3673 to replace 0162' of mostly PBG. The difference in length is abandoned is due to prior replacement on the south side of Oregon on W/O# 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" PBG (WO# NONE) and 2270' - 4" PBG (WO# NONE) and replace with 500' - 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: 50 psig; Test: 100 psig; ISRS \$54.22/m	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 06-02 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: 14-3673, 14-3610, 14-3620, and 14-3622. Install 7030' of 2" PE and 2700' of 4" PE on 14-3621 to replace 10,352' of mostly PBG. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$33.04	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 06-02 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: 14-3673, 14-3610, 14-3621, and 14-3622. Install 7000' of 2" PE on 14-3620 to replace 7000' of mostly PBG. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$30.04	393.1009 (5) (a) (b)	A,B,C

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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	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: 14-3073, 14-3010, 14-3020, and 14-3021. Install 0300' of 2" PC and 4070' of 4" PE on 14-3022 to replace 13,341' of mostly PBSS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$32.16	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" PBSS (W/O# NONE), 580' - 3" PDS (W/O# NONE), 234' - 3" PCS (W/O# 03-0670), 27' - 2" PE (W/O# 76-4167) and replace with 2000' - 2" PE dual to CP and rotten bars steel. There are 0 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: 50 psig; Test: 100 psig; ISRS \$35.70/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 4th of five work orders to phase this 8.7 miles of replacement. The other work orders are: 14-3073, 14-3020, 14-3021, and 14-3022. Install 7245' of 2" PE and 1285' of 4" PE main on 14-3010 to replace 8453' of mostly PBSS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$31.30	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" PDS (W/O# NONE) and replace with 70' - 4" PE dual to CP 14-060. There are 7 repaired leaks on this stretch of main. Project Location: 6th and Cornor; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 50 psig; Test: 100 psig; ISRS \$54.55/ft	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 1000' - 2" PDS (W/O# NONE), 100' - 2" PCS (W/O# 66-7334), and 40' - 2" PE (W/O# 94-1102) and replace with 1220' - 2" PE dual to CP 14-061. There is one active #3 Leak (Leak No. 13-013) and six repaired leaks on this stretch of main. Project Location: 8th and Cottage; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 50 psig; Test: 100 psig; ISRS \$33.30/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" PDS (W/O# 2531), 217' - 3" PCS (W/O# 98-4400), 25' - 4" PCS (W/O# 03-4414), and 30' - 4" PE (W/O# 28-1679) and replace with 725' - 4" PE dual to CP 14-005 and isolated bare steel. Project Location: 13th and Mableton; Pressure System: C-1; MOP: 1.75 psig; MAOP: 1.75 psig; Design: 50 psig; Test: 100 psig; ISRS \$24.80/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 227' - 2" PDS (W/O# NONE), 279' - 2" PDS (W/O# NONE), 212' - 4" PDS (W/O# 3722), 11' - 4" PCS (W/O# 64-1701), and 80' - 2" PE (W/O# 72-0279, 92-7615) and replace with 825' - 4" PE to cover two CP's (14-000, 14-001) 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: 50 psig; Test: 100 psig; ISRS \$54.55/ft	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	007205	Replace bare steel main - safety re	Addition	ISRS-Other	201601	61.53	Approved by: Galen Shoemaker on 12/09/2014. "MODOT PERMIT REQUIRED" Abandon 340' - 4" PDS (W/O# A28836), 80' - 3" PDS (W/O# A2883), and 12' - 4" PE (W/O# 08-0396, 05-0657) and replace with 440' - 4" PE dual 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: 50 psig; Test: 100 psig; ISRS \$66.30/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 53' of 2" PE (W/O# 058913 & 1032481), 1723' of 2" PDS (W/O# 1094, 4895, 5043, 5042, & 640487), and 550' of 2" PCS (W/O# 740232, 620557, 640487, & E338223) with 2225' of 2" PE dual to active leaks (10-0174 & 12-0012), 5 repaired leaks, and isolated steel main. Project Location: Alley between Range Line Rd & Peters Ave, between 11th & 12th St. System: C-1; MOP: 50 PSIG; MAOP: 50 PSIG; Design: 50 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 01/28/2015. Abandon 134' - 2" PCS (W/O# 66-3089), 1878' - 3" PCS (W/O# 61-0076, 63-2446, 63-3532, 65-1070, 85-3766), 438' - 4" PCS (W/O# 65-2135, 65-3766), and 80' - 10" PE (W/O# 06-8880) 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 manholes. Project Location: 20th and Kitching; Pressure System: C-1; MOP: 50 psig; MAOP: 50 psig; Design: 50 psig; Test: 100 psig; Pressure System: C-3; MOP: 8 psig; MAOP: 8.5 psig; Design: 50 psig; Test: 100 psig; \$70.94/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" PDS (W/O# 21578) with 700' - 2" PE main on W/O# 15-5094. The existing main is 1.847 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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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	007532	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	7.61	Approved by: Cleve Holcomb on 01/20/2015. ISRG. Replace and abandon a total of 3,000' of 4" CI, 4,517' of 6" CI, and 2,617' of 12" CI in Sector 0306 with 8,452' of 2" PE and 3,002' 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 be into the C-175 KCLD pressure system. New main to operate at 50 psig MOP, 50 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 CG services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 Invoers of PE services are to be performed. A taggsta meeting will need to be scheduled for in an enu 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: Cleve Holcomb on 01/09/2015. Replace and abandon all piping in the G-000 system at Maguire and Jefferson in order to eliminate DRG 8. This area is targeted due to the City of Warrensburg plan to reroute Clark St between Maguire and 2nd and the presence of PSC main in the area. Install 5450' - 2" PE and 116' - 4" PE to re-locate 5008' of main. See pipe tab for details on main to abandon. ISRG. Price per ft = \$31.20. Low price per ft due to most of the main in back easements and low paving replacement estimate. DRG 8 to be released on WOF 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 Drakall on 02/11/2015. Replace 20' of 4" PE (WO's E330024 & 985867), 152' of 3" PSC (WO None), & 687' of 2" PSC (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-1. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: 366.20. 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	(178.20)	Approved by: Gary Williams on 02/19/2015. AOR Due 04/17/2015. Replace 4" and 6" CI with 200' 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 200' - 1 1/4" PSC (WO# 12029), 6346' - 2" PSC (WO#s: J0120, J02980, 10880, 20508, 25345, 26005, 31061, 33740, 39485), 603' - 2" PSC (WO#s: G4-2005, G0-0071, G2-0573, 19-8500), and 9' - 2" PE (WO# 02-2032) and replace with 10240' - 2" PE to clean up isolated steel and rotten main. Project Location: Ocell and Missouri; Pressure System: G-6; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRG \$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 02/18/2015. Main Replacement project: Replace and abandon existing mains on C-007 pressure system with 3,243ft - 6" of PE, 10 4in of PE, and 12,882' 3in of PC on C-007 pressure system between Shrink Rd and Whitney Rd and Mike Rd and 20th Terrace. XX Re-overs. Summary of main to abandon (see pipe tab for details): 583' - 2" PSC, 1,746' - 4" PSC, 2,278' 2in PSC, 7,417' 4in PSC, 3,124' 5in PSC, and 177' 4in PE -. Price per ft = \$34.02. (ISRG)	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 03/16/2015. Replace 450' 3" PSC (WO None), 1079' 4" PSC (WO None), 100' 4" PSC (WO G1222), and 11' 4" PE (WO 931721) with 1220' 4" PE due to 16 active leak (13-111) & 8 repaired leaks. Project Location: Jackson NW between 5th St & 7th St, 6th St between Conner Ave & Bergeman Ave. System: C-1. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$53.10.	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 interns to hydrotest the Odessa Lateral 12" gas 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/DRG 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, Deway St, Wida St, and Union Ave. ISRG	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 Farnell on 03/31/2015. Replace 1' 2" PE (WO 006446) & 204' 2" PSC (WO 718190) with 205' 2" PE due to isolated steel while cleaning up 20 year GLRPA. 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 200' of 2" PSC 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 Farnell on 04/14/2015. Replace 691' of 3" PSC (WO's 774152 & 770276) with 700' 4" PE due to CP issues (CP #14-0150). Project Location: Duquene 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 3,882' - 6" 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 DSM. Replacement of the 3,087' section will allow tying in to 1974 vintage coated steel main on both ends. Price/ft = \$17.79 (ISRG)	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 Drakall on 04/22/2015. 30 Year GLRP at Price Chopper - 1305 NW State Route 7 (meter #01022568, installed on WOF 05-04-81, permit #1170902). Rebuilt a 3M rotary meter set at the building. Total connected load = 1,200 cfm.	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
382000-Meter Installations-MGE	008245	Rebuild Meter Install 2" & Lg (S)	Addition	ISRS-Other	201601	6.43	Approved by: Kevin Drake on 04/23/2015. 20 Year GLRP at Midwest Inn - 1110 NW State Route 7 (meter #08203060, installed on W08 04-0374, premise #3330322). Rebuild a 7/8" 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 job main by installing 1,500' - 4" pe and 2,705' - 2" pe. (ISRS)	393.1009 (5) (a) (b)	A,B,C
376300-Mains - Plastic	008247	Main Replacement - ISRS (N)	Addition	ISRS-Other	201601	75.14	Approved by: Joe Hampton on 04/24/2015. ISRS Replace 647' of 6" cast iron and 298' of 4" cast iron with 80' of 4" PE and 190' of 2" PE due to cast iron breaks and granitization. New main to be laid into System C-175 KCLD MOP= 50PSIG MAOP= 56PSIG. Cast iron main to be abandoned on C-001 System MOP= 1.10PSIG MAOP= 2.20PSIG. The over services = 0. There are 4 service line replacements, to be charged to blanket work order, 3506 E 56th Street, 5726 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 116'-2" PE (091270), 400'-2" PCS (081269), 133'-2" PCS (05501), 400'-2" PDS (20118), 234'-2" PDS (20760), 275'-2" PCS (085542), 385'-2" PCS (719965), 108'-2" PDS (24673), 310'-2" PCS (790633), 80'-2" PE (810667), 147'-2" PCS (064665), and 115'-2" PCS (044343). Main currently runs on Columbia Ave, Lake Gl, Daisy Gl, Union Ave and S. Locust St-Highway 127. ISRG	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 02/07/2015. ISRG. Replace and abandon a total of 794' of PDS, 14,067' 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 be into the C-175 KCLD pressure system. New main to operate at 50 psig MOP, 56 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing mains to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 21 main services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 100 leavers of PE services are to be performed. A tagline 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 02/06/2015. Relocate 204' of existing 4" PE main with 144' of 2" PE at the intersection of NW 74th Street and NW Maca. 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: G-004; Division 12 Town 51 Sector 7305 MAOP: 50 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 02/06/2015. ISRG Relocate 40' 4" PE while abandoning 30' 4" PE due to City Curb and Outlet improvements on North Jackson Avenue. 4" line was previously replaced in 2013. Improvements design has changed and curb inlet is now proposed over existing 4" line necessitating the relocation. NOTE: FIELD CREW TO COORDINATE WITH SIGM WHEN INSTALLING REROUTE TO VERIFY DEPTH OF STORM SINKER. Pressure System: C-000 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. ISRG Main Replacement project: Replace and abandon existing mains on C-01 pressure system with 5790' + 2" of PE on C-04 infrastructure pressure on Hlrap Rd., Walnut St., Winlandwood Ln., Valley Brook Ln., Style Rd., Castle Ln., and Grand Terr. Summary of main to abandon (see pipe tab for details). Note: DRG #107 to be refined 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. ISRG Replace and abandon a total of 415' of PDS, 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 be into the C-175 KCLD pressure system. New main to operate at 50 psig MOP, 56 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 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. 100 leavers of PE services are to be performed. A tagline 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 03/11/2015. 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 02/11/2015. 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 02/11/2015. ISRG Replace and abandon a total of 11,002' of CI, 1,204' of PDS and 208' of PCS in Sector 0306 with 11,070' 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 be into the C-175 KCLD pressure system. New main to operate at 50 psig MOP, 56 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 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 leavers of PE services are to be performed. A tagline 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" pipe and pipe tees. Main currently buried on Franklin St, Grange 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" bbe main by installing 400' - 4" pe and 3,380' - 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. IGRS Main Replacement project: Replace and abandon existing mains on C-14 pressure system with 4,300' - 2" of PE on C-04 intermediate pressure on Drown Rd, Neighbor Rd, 35th St, and 32nd St. XX tie-overs. Summary of main to abandon (see pipe lab for details). Note: DRG #153 and DRG #108 to be refined 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 Great Springs, MO. Abandon 1301' of 2" PDS, 130' of 2" PDS, 2160' of 4" PDS, 174' of 4" PDS, 385' of 2" PE and 360' 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. IGRS Main Replacement project: Replace and abandon existing mains on C-500 pressure system with 6,565' - 4" of PE and 1,225' - 2" PE on Allen Rd from Hwy 24 to Kentucky and on Dunnington Rd. 112 tie-overs. Summary of main to abandon (see pipe lab 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" bba with 2" PE and 120' of 4" bba 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 2060' 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" pipe, tee and pe main (See pipe lab) by installing 4,540' - 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 Farnell on 05/20/2015. Replace 310' 3" PDS (WO None), 305' 2" PDS (WO 47522), & 130' 1 1/4" PE (WO 791267) with 500' 2" PE due to 3 repaired leaks and 1 active leak (11-0028). Project Location: Dougherty St W of Walker Ave. System: C-2. MOP: 1.5 PDS. MAOP: 1.5 PDS. Design: 58 PDS. Test: 100 PDS. 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 1764' 4" PDS (WO's 15626, 57532, 37544, & 41457), 31' 4" PDS (WO 85329), 300' 2" PE (WO's 61451 & 780558), & 400' 2" PE (WO 781006) with 1950' 4" PE & 50' 4" PE due to 1 active leak (13-074) & 5 repaired leaks. Project Location: Illinois Ave between 11th St & 10th St. System: C-1. MOP: 58 PDS. MAOP: 58 PDS. Design: 58 PDS. Test: 100 PDS. Price Per Foot: \$50.10.	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 70th St, Hunter Ave, Tennessee Ave, and Manning Ave. 48 tie-overs. Summary of main to abandon (see pipe lab for details): 1,085' - 2" PDS, 1,561' - 3" PDS, 200' of 2" PDS, and 230' of 3" PDS. 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 05/20/2015. Replace and Abandon 2" pipe, tee and pe main by installing 2,010' - 2" pe and 2,595' - 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. IGRS. Replace and abandon a total of 10,120' of Cast Iron in Sector 0506 with 6715' of 2" PE and 2500' 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. Smaller mains to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed, 25 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 88 thousands of PE services are to be performed. A fatigue 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 05/20/2015. Replace and Abandon 407' - 2" PDS (N/A), 140' - 2" PDS (G-78), 188' - 2" PDS (G-90), 75' - 2" PDS (11513), 822' - 2" PDS (A1115), 328' - 2" PDS (12483), 134' - 2" PDS (28300), 172' - 2" PDS (11106), 1801' - 6" PDS (A034), 762' - 2" PDS (A1117), 188' - 2" PDS (20113), 126' - 2" PDS (604007), and 252' - 2" PDS (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 05/20/2015. IGRS Replace and Abandon 2070' - 4" PDS (131), 85' - 4" PDS (73610), 260' - 2" PDS (10207), 19' - 2" PDS (10013), 65' - 2" PDS (12567), 114' - 2" PDS (11795), 18' - 2" PDS (10021), 110' - 2" PDS (22445), 276' - 2" PDS (20730), 58' - 2" PDS (31845), 42' - 2" PDS (32260) and 365' - 4" PDS (240). Main currently runs on 18th Terrace/Meywood Ave, Willow Ave, Reliant 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	201601	85,899.32	Approved by: Joe Hampton on 05/20/2015. Replace and Abandon 2" and 4" pipe, tee 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 05/01/2015. 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 Drake on 06/03/2015, Relocate 180' of 2" PDS, 176' of 2" PCC, and 402' of 3" PDS 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: 0018 Pressure System: C-002 MAOP: 1.1 psig MOP: 1.1 psig Design: 60 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 05/01/2015, Replace and Abandon 350'-2" PE (662627), 103'-4" PCC (842723), 1013'-4" PDS (A5206A), 13'-4" PCC (912171), 700'-4" PDS (A5206A), 374'-4" PCC (871511), and 141'-6" PCC (691840) by installing 2,230' - 8" 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 1,730' - 4" obs, 294' - 6" obs, 1,610' - 4" pcc main by installing 3,090' - 4" PE along Miller St, Virginia Ave and N. Louder 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 Cary Williams on 06/22/2015, Replace 621' of 3" PDS 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 Cary Williams on 06/22/2015, Relocate approximately 485' of 4" PCC due to public improvement. There will be a major cut in grade as well as street realignment. Coordinate with engineering to ensure everything is shifted accordingly before construction. Will need a MDDOT 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 Drake on 06/29/2015, 20 Year SLRP at Chapel Hill Church - 3108 SW 40 Highway (lot #0023062, premise #023400). Rebuild a 3/4 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 Drake on 06/29/2015, 20 Year SLRP at RLDG Church - 1101 NE Independence Ave (lot #07002657, premise #366994). Rebuild a 3/4 rotary meter set at the building and remove the 1.5M rotary meter set at the property line. Total connected load = 1,900 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 pcc and pcc main by installing 5,500' - 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" pcc and 2" pcc 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 Rey Wilton on 06/29/2015, ISRS Relocate approximately 50' of 6" PCC due to sewer improvements. 6" PCC will need to be lowered to approximately 7'. Coordinate with engineering for staking prior to construction. Pressure system G-114A.	393.1009 (5) (C)	
376300-Mains - Plastic	008890	Replace bare steel main - safety re	Addition	ISRS-Other	201601	(60.35)	Approved by Kevin Drake on 07/06/2015, This Work Order is necessary to clear DP 15-45 by replacing 366' of 3" PCC, 126' of 2" PCC and 178' of 2" PDS. Install 405' of 4" PE and 170' 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 3,660' - 4" PE, 25' - 4" PCC and 50' - 2" PE main along US Highway 40 and Miller St. as part of the total town main replacement. 2,252' - 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" PCC with 4" PE along W 10th 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" PDS, PCC and PE main by installing 3,000' - 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 Drake on 07/01/2015, "MDDOT 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: 06 Town: 15 Sector: A0515. Pressure System: S-2022 MAOP: 50 psig MOP: 50 psig Design: 60 psig Test: 104 psig ISRS \$74,41.00	393.1009 (5) (C)	
376300-Mains - Plastic	008961	Main Replacement - ISRS (S)	Addition	ISRS-Other	201601	85,541.01	Approved by Joe Hampton on 07/06/2015, Replace and Abandon 2" PDS, PCC 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" PCC due to public improvements. Existing 12" PCC 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 Formell on 08/10/2015, Abandon 317' of 2" PDS, 411' of 2" PCC and 22' of 1" PCC and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 06 Town: 13 Sector: A1513 Pressure System: G-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	393.1009 (5) (a) (b)	A,B,C
380100-Services - Steel	009217	BWD Service Line Repl - ISRS (N)	Addition	Blanket WO	201601	3,752.77	Approved by Michael Formell on 08/10/2015, Abandon 317' of 2" PDS, 411' of 2" PCC and 22' of 1" PCC and replace with 740' of 2" PE. This main replacement will abandon portions of isolated steel and bare steel. Billings, MO. Division: 06 Town: 13 Sector: A1513 Pressure System: G-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	393.1009 (5) (a) (b)	A,B,C,I

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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
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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)	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" PGS, 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: 06 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,738 (24,061.00)		

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 file-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	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	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. (Meritt - 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) (Lusk'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) (Meritt - 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

Missouri Gas Energy - MGE

ISRS Work Order Additions September 2016 - December 2016

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	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 CJ 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 50' of 4" PCG main and install 50' of 4" PE 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 Lindsay on 03/18/2014. Public Improvement Project: Jefferson Street Roadway Improvements - Stuart Rd to Penala Rd. Bid No. 11003-C. Proj Number 87801. The city proposes to widen Jefferson St, install a 10' wide multi-use path and regular sidewalks, and new enclosed storm from Penala to Stuart. Our existing mains are in conflict with the storm and proposed pavement. Relocate 415' - 6" PE, 50' - 4" PE, and 220' - 2" PE. Main to abandon: 902' - 8" PCG (WO# 81063); 262' - 6" PCG (WO# 684029); 107' - 3" PE (WO# 5319523); 17' - 6" PCG (WO# 06-1300); 149' - 6" PCG (WO# 72-2400); 1761' - 6" PCG (WO# 73-6668); 35' - 4" PCG (WO# 73-6667); 660' - 6" PCG (WO# 73-7700); 513' - 4" PCG (WO# 73-7817); 52' - 4" PE (WO# 90-2001); 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 replacement	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	9,658.32	Approved by Rob Hack on 06/15/2013. Build a double run 8" regulator station at LG Rd and S2nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Orai Valley lateral (pressure system C-225; MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 12" 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 12" lines with a single 20" line (on WO# 13-5220) and will build DRG 100 on WO# 13-2816 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 103' 2" PCG (WO#s None & 720089), 072' 2" PBG (WO# None), 372' 3" PBG (WO#s None, 655442, & 041665), 201' 4" PCG (WO# 605542), 4' 4" PCG (WO# 047630) with 1300' 2" PE & 900' 4" PE due to leakage issues. There have been 20 repaired leaks on the main to be replaced and 4 R3 active leaks (leak #s 12-0223, 10-0151, 10-0150, & 10-0000) 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 testing. 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: 60 PSIG, Test: 100 PSIG. Price Per Foot: \$30.24. Reopened 11-18-15 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): Contract 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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 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	005012	Main Replacement - ISRS (SW)	Addition	ISRS-Other	201602	(516.24)	Approved by: Steve Holcomb on 04/14/2014. Abandon 181' - 2" PBG (WO#s: NONE, 44460), 10' - 2" PCS (WO#s: 01-2382), 170' - 3" PBG (WO#s: 03-2361), 800' - 3" PCG (WO#s: 01-1000, 00-5018), 1769' - 4" PBG (WO#s: A4083N, 48208), 13' - 4" PCG (WO#s: 08-5017), 2107' - 6" PBG (WO#s: A5145A), 51' - 6" PCG (WO#s: 72-0927), 10' - 8" PCG (WO#s: 06-8916), 122' - 1.25" PE (WO#s: 00-0305), and 60' - 4" PE (WO#s: 06-1547). Replace with 50' - 2" Thriftin, 255' - 2" PE, 215' - 4" PE, and 3900' - 6" PE due to drastically down breaks (CPR13-104) and to clear three (3) active #3 Leaks (Leak No.'s: 13-057, 13-060, 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 01-30-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 main, efficient 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: 6 psig; MAOP: 6.5 psig; Design: 58 psig; Test: 100 psig; IRR: 354.52m	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 1873' of 2" PBG & 109' 2" PCS and install 1800' 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-0, MOP: 42 PSIG, MAOP: 45 PSIG, Design: 38 PSIG, Test: 100 PSIG. Price Per Foot: 308.72.	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 06/06/2014. "MOTDOT PERMIT REQUIRED" Abandon 1150' - 2" PBG (WO#s: NONE, 10120, 44377, 46477, 50072), 7650' - 3" PBG (WO#s: NONE, 46680), 2240' - 4" PBG (WO#s: NONE), 1163' - 2" PCG (WO#s: 50083, 01-3302, 81-4202, 73-4772, 00-1083), 1678' - 3" PCG (WO#s: NONE, 58000, 61-5314, 61-5830, 06-0900, 00-0900), 443' - 4" PCG (WO#s: 09-0106, 00-1063), 346' - 1.25" PE (WO#s: 73-4422, 00-0271), 160' - 2" PE (WO#s: 74-0821, 94-1070, 04-7709), 100' - 3" PE (WO#s: 80-0461, 01-0920), and 5' - 4" PE (WO#s: 04-7709). Replace with 5400' - 2" PE and 7150' - 4" PE. Work Order will also retire DRG 02-04-1-C (WO#s: 00-1002), 2 - 2" regulators (461-S and 461-S7S) (WO#s: 00-1062), 1 - 2" polyvalve (WO#s: 00-1063), 1 - 3" Karostat valve (WO#s: 00-1063), 1 - 4" Karostat valve (WO#s: 00-1063), 1 - 2" weld bell valve (WO#s: 00-0900), and Rectifier No. 0376 (WO#s: 79-3306, 97-4868). Remote Monitoring Unit #18-55085 will be recovered. Work Order will also create several new loops in the system and clear two active #3 leaks (Leak No.'s: 12-0157, 12-0140). 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 - 36 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: 36 psig; Design: 36 psig; Test: 100 psig; IRR	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: Gleen Shoemaker on 06/24/2014. Abandon 290' - 2" PBG (WO#s: NONE), 541' - 2" PCS (WO#s: NONE, 06-3310, 70-0207, LK040344), and 11' - 2" PE (WO#s: 04-1168) and relocate with 1180' - 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: Rols and Broward; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 30 psig; Test: 100 psig; IRR: 542.00m 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 in-situ off readings well above the acceptable criteria. The new 30 Volt 15 Amp rectifier and seven anodes ground bed will be installed on C. 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 Devices 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 Device 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 80 inch graphite anode ground bed. Sinclair was supplying MGC with approximately 3 amps of current when MGC had a interference bond. However, recently Sinclair replaced their pipe and the bond is no longer needed. Therefore, MGC will need to protect the seven miles of 4 inch steel from Buckner town border to I-70 along "B9" highway (i.e., a) Buckner-Tarnsey Road. This ground bed will connect at the end of the existing 2" PCG on Gladwin 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 Devices will install the ground bed.	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	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 15,000' of cast iron main in Gascor 6308 with 16,000' 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, 56 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. Identical work order: 402 (1" 2" service) sections of PE services are to be performed. A taligate 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' - 0" PDS (WO#s: NONE, A11003) and replace with 25' - 4" Thimble and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-22-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: 56 psig; Test: 100 psig; ISRS \$54.08/ft. Reopened 10-20-15 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' - 0" PDS (WO#s: NONE, A11003) and replace with 25' - 4" Thimble and 650' - 4" PE due to CP 14-050 caused by isolated bare steel. This project will also replace the outlet leg of DRS 01-22-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: 56 psig; Test: 100 psig; ISRS \$54.08/ft. Reopened 10-20-15 per Cindy Peck - for paving charges	393.1009 (5) (a) (b)	A,B,C
378000-Meas & Reg Station Equipment	005670	Station rebuild & replacement	Addition	ISRS-Other	201602	(9,697.09)	Approved by: Ralph James on 10/13/2014. Rebuild DRS# 4 at Foxwood and Madron. Inlet System 2-507 of MOP = 50 psig; MAOP = 50 psig; Design: 56 psig; Test: 100 psig; MOP = 50 psig; MAOP = 50 psig; Main to be replaced on ISRS 14-3254. The existing station (WO# 06-51-42) will be retained with the 2" Mooney FG regulator and the 2" 441-576 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 main on C-201 suction pressure system with 14,010' - 2" and 30' - 4" PE on C-200 intermediate pressure system between 31st and Center and 25th and Northern, 202 tie-overs and 88 services on existing PE requiring reg change only. Summary of main to abandon (see pipe tab for details): 1384' - 2" PDS, 6614' - 4" PDS, 26' - 6" PDS, 769' - 2" PDS, 1215' - 4" PDS, 521' - 4" PE (all pre-2000), and 811' - 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" PDS (WO#s: 1024, 54101, 52637), 25' - 2" PDS (WO#s: 02-1877, 05-7858), 456' - 3" PDS (WO#s: 01-2077, 02-1977), 25' - 2" PE (WO#s: 77-3656, 05-8630), and 22' - 3" PE (WO# 09-1540) and replace with 650' - 2" PE, and 25' - 2" Thimble 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: 56 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 10/23/2014. Abandon 1283' - 2" PDS (WO#s: NONE, 15570), 120' - 3" PDS (WO#s: 03-0030), 169' - 1 1/4" PE (WO#s: 04-1030) and replace with 2' 20' - 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 location of main. Project Location: Princeton and Patterson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 56 psig; Test: 100 psig; ISRS \$36.95/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 Rhytown 00-02 Sections 0403 and 0401 for replacement in FY 2015. This is the first of five work orders to phase this 6.7 miles of replacement. The other work orders are: 14-3019, 14-3020, 14-3021, and 14-3022. Install 5300' of 2" PE main on 14-3873 to replace 0162' of mostly PDS. The difference in length (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 = \$27.40	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" PDS (WO# NONE) and 2270' - 4" PDS (WO# NONE) and replace with 500' - 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: 56 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 Rhytown 00-02 Sections 0403 and 0401 for replacement in FY 2015. This is the 4th of five work orders to phase this 6.7 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 14-3021 to replace 10,332' of mostly PDS. Please see Pipe tab for detail on main to abandon. (ISRS) Price per ft = \$33.34	393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MOE
 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	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 Relytown 00-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the third of five work orders to phase this 0.7 miles of replacement. The other work orders are: 14-3073, 14-3019, 14-3021, and 14-3022. Install 7900' of 2" PE on 14-3020 to replace 7900' of mostly PBG. Please see Pipe tab for detail on main to abandon. (ISR2) Price per ft = \$30.64	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 Relytown 00-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the 5th of five work orders to phase this 6.7 miles of replacement. The other work orders are: 14-3073, 14-3019, 14-3020, and 14-3021. Install 8300' of 2" PE and 4670' of 4" PE on 14-3022 to replace 13,341' of mostly PBG. Please see Pipe tab for detail on main to abandon. (ISR2) Price per ft = \$32.19	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 11/19/2014. Abandon 1204' - 2" PBG (W/O NONE), 520' - 3" PBG (W/O NONE), 234' - 3" PCG (W/O 03-5679), 27' - 2" PE (W/O 70-4167) and replace with 2000' - 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: \$35.70/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 11/19/2014. Accelerated main replacement. We are targeting Relytown 00-02 Sectors 0403 and 0401 for replacement in FY 2015. This is the second of five work orders to phase this 6.7 miles of replacement. The other work orders are: 14-3073, 14-3019, 14-3020, and 14-3021. Install 7300' of 2" PE and 1287' of 4" PE main on 14-3019 to replace 8433' of mostly PBG. Please see Pipe tab for detail on main to abandon. (ISR2) 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" PBG (W/O NONE) and replace with 70' - 4" PE due to CP 14-085. There are 7 repaired leaks on the stretch of main. Project Location: 8th 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 108' - 2" PBG (W/O NONE), 105' - 2" PCG (W/O 06-7334), and 40' - 2" PE (W/O 04-1102) 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 \$33.38/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" PBG (W/O: 2531), 217' - 3" PCG (W/O: 05-4406), 20' - 4" PCG (W/O: 03-4414), and 30' - 4" PE (W/O: 06-1678) and replace with 725' - 4" PE due to CP 14-025 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 \$54.90/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 James on 12/15/2014. Replace and retire 2311' - 4" plus main (WO Unknown), 18' - 4" plus main (WO 734827), 1,024' - 2" plus main (WO Unknown), 272' - 2" plus main (WO 5420), 40' - 2" plus main (WO 18508) and 152' - 2" plus main (WO 23804) by installing 1,732' 2" plus main due to leakage. (ISR2)	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" PBG (W/O NONE), 270' - 3" PBG (W/O NONE), 212' - 4" PBG (W/O 3723), 11' - 4" PCG (W/O 64-1701), and 89' - 2" PE (W/O: 72-0870, 92-7613) and replace with 825' - 4" PE to clear two CPs (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" PBG (W/O: A2083N), 80' - 3" PBG (W/O: A2083), and 12' - 4" PE (W/O: 08-0366, 05-8857) and replace with 440' - 4" PE due to CP 14-090 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", 6", 8" PBG, 6" PCG along Winn Rd. System C-055 (MOP 80PSIG, MAOP 80PSIG, Test Pressure 135 PSIG) will be replaced with 1100' of 4" ST1. System C-050 (W/O 35 PSIG, MAOP 35PSIG, Test Pressure 100 PSIG) will be replaced with 2300' of 6" PE, 80' of 2" PE, and 18' of 4" PE. The following reg stations will be abandoned: DRG #172, DRG #302. Pressure system C-000 will now be the outlet system for DRG # 384 and run west along Winn Rd. System C-055 will be the inlet system and run east along Winn Rd. Reg station # 304 will be rebuilt - wo # 14-4036. Estimated Cost per foot = \$56.76. (ISR2)	393.1009 (5) (a) (b)	A,B,C

Utility Account	New Work Order No.	Funding Project Description	FERC Activity	Category	Month	Addition Amount	WO Description	State 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" PBG, 6" PCG along Winn Rd. System C-055 (MOP 90PSIG, MAOP 90PSIG, Test Pressure 13G PSIG) will be replaced with 1100' 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 10' of 4" PE. The following reg stations will be abandoned: DRG #172, DRG #302. Pressure system C-006 will now be the outlet system for DRG # 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 = \$50.78, ISRS.	393.1009 (S) (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 50' of 2" PE (WO's 058515 & L050246), 1720' of 2" PBG (WO's None, 48326, 50435, 50462, & 604967), and 550' of 2" PCG (WO's 700232, 636597, 640487, & 630002) with 2220' 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 (S) (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" PCG (WO# 06-3089), 1879' - 3" PCG (WO#s: 51-0076, 63-2446, 63-3532, 65-1078, 65-3768), 438' - 4" PCG (WO#s: 65-2135, 65-3766), and 80' - 10" PE (WO# 06-8090) and replace with 1207' - 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 lay over new main and services. Project Location: 20th 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; \$76.04/ft ISRS	393.1009 (S) (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 034044), 40' 2" PE (WO 121357), 799' 2" PBG (WO None), 300' 2" PCG (WO's 602347 & 636452), 18' 2" PCG (WO 962347), and 451' 2" PBG (WO None) with 1500' of 4" PE due to history of leakage, rotten main, 5 repaired leaks, and isolated bars 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: \$40.23.	393.1009 (S) (a) (b)	A,B,C
376300-Mains - Plastic	007513	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	9.48	Approved by Kevin Drake on 01/23/2015. Replace and abandon 723' - 2" PBG (WO# 21578) with 730' - 2" PE main on WO# 15-5994. The existing main is 1947' vintage and causing current issues for the rectifier. ISRS Price per ft = \$33.77	393.1009 (S) (a) (b)	A,B,C
376300-Mains - Plastic	007514	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	17,086.88	Approved by Kevin Drake on 01/26/2015. Replace and retire 270' - 2" pbe main (WO Link main) and 100' - 2" pca main (wo 800988) by installing 300' - 2" pe main. Replacing the existing gas main will clear corrosion CP14-190 at 214-W Market St. (ISRS)	393.1009 (S) (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 3,000' of 4" CI, 4,917' of 8" CI, and 2,817' of 12" CI in Sector 0306 with 6,622' of 2" PE and 3,802' of 6" PE. The 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 CG services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 253 footcords of PE services are to be performed. A bidgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (S) (a) (b)	A,B,C
376300-Mains - Plastic	007601	Main Replacement - ISRS (S)	Addition	ISRS-Other	201602	80.41	Approved by Steve Holcomb on 01/29/2015. Replace and abandon all piping in the S-006 system at Maguire and Jefferson in order to eliminate DRG D. This area is targeted due to the City of Warrensburg plan to repave Clark St between Maguire and 20th and the presence of PBG main in the area. Install 5450' - 2" PE and 116' - 4" PE to retire 5828' of main. See pipe job 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 pricing replacement estimate. DRG D to be retired on WO# 15-5114.	393.1009 (S) (a) (b)	A,B,C
376300-Mains - Plastic	007652	Replace bare steel main - safety re	Addition	ISRS-Other	201602	255.79	Approved by Kevin Drake on 02/11/2015. Replace 20' of 4" PE (WO's C309024 & 905907), 152' of 3" PBG (WO None), & 687' of 2" PBG (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: 366.20. Reopened 10-27-15 per Cindy Peck for some paving charges - AMM.	393.1009 (S) (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 (S) (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 200' - 1 1/4" PBG (WO# 12026), 6344' - 2" PBG (WO#s: J0128, J02080, 19855, 20080, 25595, 20055, 31081, 33746, 30480), 683' - 2" PCG (WO#s: 04-3085, 60-4071, 62-0573, 10-8530), and 5' - 2" PE (WO# 62-3032) and replace with 5240' - 2" PE to clean up isolated steel and rotten main. Project Location: Old and Missouri. Pressure System: S-0. MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$42.47/ft	393.1009 (S) (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	007862	Replace bare steel main - safety re	Addition	ISRS-Other	201602	(22.58)	Approved by Kevin Driskell on 03/16/2015. Replace 239' 2" PDS (WO# 641505 & 666415) and 502' 2" PDS (WO# J013B) with 715' 2" PE due to low reads. Project Location: West Ave between M8 St & Eagan St. System: C-1. MOP: 30.5 PSIG. MAOP: 36.5 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, 530' of 6" CI, 3942' of 3" BS, 325' of 4" BS and 15' of 2" BS in Sector 0306 with 4325' of 2" PE 2600' of 4" PE and 1325' of 6" PE. This work will be part of the O&M Non Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2015. New main will be into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 56 psig MAOP. Test all mains at 100 psi for a design MAOP = 56 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 0 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 143 locovers of PE services are to be performed. A fatigue meeting will need to be scheduled for use 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 3,243' - 0" of PE, 10' 4in of PE, and 12,602' 2in of PE on C-007 pressure system between Strunk Rd and Whitney Rd and Mize Rd and 28th Terrace. XX tie-over. Summary of main to abandon (see pipe tab for details): 503' - 2" PDS, 1,740' - 4" PDS, 2,278' 2in PDS, 7,447' 4in PDS, 3,124' 6in PDS, and 177' 4in PE. Price per ft = \$34.02. (IGRS)	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" PDS (WO None), 1072' 4" PDS (WO None), 100' 4" PDS (WO 31222), and 11' 4" PE (WO 031721) 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: \$33.19.	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 Osage Lateral 12" pipe 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 C-1. Location: St. Daisy St, Wills St, and Union Ave. IGRS	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 Formell on 04/08/2015. Abandon 204' - 2" PDS (WO#s: NONE, 40000) and 63' - 2" PDS (WO#s: 67-6825) and replace with 500' of 6" PDS. 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 reported leak on the stretch of main. Project Location: 3rd and High. Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; IGRS \$71.80/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 303' of 2" PDS with 2" PE due to leaky 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 Formell on 04/14/2015. Replace 601' of 3" PDS (WO#s 774152 & 778276) with 700' 4" PE due to CP issues (CP #14-0158). Project Location: Duquesne Rd & 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 NW Olinem Pkwy (meter #03020251, installed on WOF 99-0356, premise #371702). Rebuild a 3M rotary meter set at the building. Total connected load = 3,000 cwh.	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 3,007' - 0" 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 3,007' section will allow tying in to 1974 vintage coated steel main on both ends. Price/Ft = \$117.79 (IGRS)	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 DRG #364 new DRG #761. Inlet system C-055 80psig. Outlet system C-000 35 psig. Main WG # 14-3521. Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-575 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 DRG #364 new DRG #761. Inlet system C-055 80psig. Outlet system C-000 35 psig. Main WG # 14-3521. Retire 2- 627M Fisher Regulators and install 2- Rockwell 441-575 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 - 1335 NW State Route 7 (meter #01022969, installed on WOF 99-0461, premise #1179065). Rebuild a 3M rotary meter set at the building. Total connected load = 3,200 cwh.	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 #03262605, installed on WOF 99-0576, premise #332022). Rebuild a 3M 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. (IGRS)	393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MOE
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	008247	Main Replacement - ISRS (N)	Addition	ISRS-Other	201602	27.07	Approved by Joe Hampton on 04/24/2015, ISRS Replace 847' of 6" cast iron and 206' of 4" cast iron with 40' of 4" PE and 800' of 2" PE due to cast iron breaks and graphitization. New main to be tied into System C-175KCLG MOP= 50PSIG MAOP= 50PSIG. Cast iron main to be abandoned on C-001 System MOP= 1,10PSIG MAOP= 2,20PSIG. Tie over services = 8. There are 4 service line replacements, to be charged to blanket work order. 3506 E. 59th Street, 5726 Askew, 5722 Askew and 5805 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 116'-2" PE (601270), 450'-2" PCG (681269), 103'-2" PCG (56501), 460'-2" PBG (26410), 234'-2" PBG (20760), 275'-2" PCG (665542), 66'-2" PCG (710065), 606'-2" PBG (24673), 315'-2" PCG (700633), 80'-2" PE (910097), 147'-2" PCG (694865), and 110'-2" PCG (644043). Main currently runs on Columbia Ave, Lake St, Daley St, Union Ave and S. Locust. Q-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 PBG, 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 KCLG pressure system. New main to operate at 50 psig MOP, 50 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 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 tagline 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	7.31	Approved by Gary Williams on 02/06/2015, Relocate 294' of existing 4" PE main with 144' of 2" PE at the intersection of NW 74th Street and NW Mead. The existing 4" PE was laid outside the existing 15' UIC interfering with the private landowner necessitating the relocation and replacement. This replacement includes one tie-over service. Pressure System: C-004 Division 12 Town 51 Sector 7303 MAOP: 50 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 05/04/2015, 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 main on C-01 pressure system with 5700' - 2" at PE on C-04 intermediate pressure on Hilltop Rd., Walnut St., Winterwood Ln., Valley Brook Ln., Bryce Rd., Castle Ln., and Stroder Terr. Summary of main to abandon (see N06 tab for details). Note: DRG #107 to be relied 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 PBG, 12,579' of CI, and 373' of PCG in Sector 6306 with 12,100' 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 KCLG pressure system. New main to operate at 50 psig MOP, 50 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 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. 190 tieovers of PE services are to be performed. A tagline 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, S/S. Replace 1" CI from 3007 Wayne st. to 3005 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" PCG and removed a valve due to leak. Installed 5' of 3" PCG. 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 PBG and 238' of PCG in Sector 0306 with 11,870' 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 KCLG pressure system. New main to operate at 50 psig MOP, 50 psig MAOP. Test all mains at 100 psi for a design MAOP = 50 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 tagline 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 5,105'-2" pe main to replace and abandon 2" and 4" pbs and pbs 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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ISRS Work Order Additions September 2016 - December 2016

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	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 rebuying Lee's Summit Road from Calbert to Gregory - City of LG Project 37P-3301 (AS). 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 1925 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 waste 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" pbe main by installing 400' 4" pbe and 3,300' 2" pbe 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 Driskill on 05/19/2015. Replace and abandon 000' 2" pbe main and 224' 2" pbe main by installing 1,160' 2" pbe 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" PDS, 130' of 2" PCS, 2160' of 4" PDS, 174' of 4" PCS, 382' of 2" PE and 365' of 1.25" PE. Install 1670' of 2" PE on Backwater 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-300 pressure system with 0.650' 4" of PE and 1,222' 2" PE on Alan Rd from Hwy 24 to Kentucky and on Downsaring 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" pbe with 2" PE and 128' of 4" PE 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 2062' of CI with 1202' of 4" PE. There is an AOR at 800 E. 21st Street due 06/20/2015. 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" pbe, pbe and pbe main (See pipe tab) by installing 4,549' 2" pbe 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 Fornell on 05/20/2015. Replace 310' 3" PDS (W/O Name), 302' 2" PDS (W/O 47523), & 132' 1 1/4" PE (W/O 781267) with 590' 2" PE due to 3 repaired leaks and 1 active leak (11-0226). 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" PDS (W/O 15820, 57532, 37544, & 614578), 311' 4" PCS (W/O 635226), 300' 2" PCS (W/O 614512 & 780650), & 400' 2" PE (W/O 781060) with 1800' 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: \$56.10.	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 06/09/2015. 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 06/09/2015. 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-300 KCLB pressure system with 3,580' 2" of PE on 78th St, Hunter Ave, Tennessee Ave, and Manning Ave. 46 tie-overs. Summary of main to abandon (see pipe tab for details): 1,085' 2" PDS, 1,561' 3" PDS, 266' of 2" PCS, and 232' 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 Driskill on 05/27/2015. Replace bare steel in Fayette on Spring Street between Park Rd and Herndon St. Install 1209' of 2" PE. Abandon 023' of 2" BS, 200' 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" pbe, pbe and pbe main by installing 2,010' 2" pbe and 2,580' 4" pbe 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 0206 with 6715' of 2" PE and 2500' 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 be into the C-175 KCLB pressure system. New main to operate at 50 psig MAOP. 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. 26 steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 58 tieovers of PE services are to be performed. A telnet 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" PDS (N/A), 140' 2" PDS (S-730), 100' 2" PDS (S-400), 75' 2" PDS (S-1519), 822' 2" PDS (A1115), 325' 2" PDS (15420), 134' 2" PDS (28320), 172' 2" PDS (11100), 188' 2" PDS (4034), 785' 2" PDS (A1117), 198' 2" PDS (28113), 150' 2" PDS (60407), and 252' 2" PCS (700031). Main currently runs on 4th Ave, 6th Ave, 17th St, 19th St and 12th St.	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	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" PBG (101), 80'-4" PBG (70410), 265'-2" PBG (16207), 19'-2" PBG (16207), 165'-2" PBG (12507), 114'-2" PBG (17200), 18'-2" PBG (16271), 110'-2" PBG (22440), 279'-2" PBG (23730), 50'-2" PBG (31648), 42'-2" PBG (32260) and 355'-4" PBG (240). Main currently runs on 19th Terrace/Meywood Ave, Willow Ave, Reardon 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	201602	248.09	Approved by Joe Hampton on 05/28/2015, Replace and Abandon 2" and 4" pbs, pbs and pe main by installing 4,672' - 2" pe main. Estimate = \$35.27 per foot(IGRS)	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. (IGRS)	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 180' of 2" PBG, 176' of 2" PCG, and 405' of 3" PBG on System C-2 along G Street between Maiden Lane and Porter Ave. This relocation is necessitated by public improvements of the City of Joplin. Division: OG Town: 01 Sector: 0016 Pressure System: C-002 MAOP: 1.1 pug MOP: 1.1 pug Design: 96 pug Test: 100 pug IGRG	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 350'-2" PE (862627), 100'-4" PCG (842723), 1013'-4" PBG (A32884), 13'-4" PCG (812171), 700'-4" PBG (A52884), 374'-4" PCG (871511), and 141'-6" PCG (801940) by installing 2,207' - 6" pe, 1,080' - 4" pe and 300' - 2" pe main. (IGRS)	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 1,730' - 4" pbs, 268' - 6" pbs, 1,610' - 4" pbs main by installing 3,000' - 4" PE along Miller St, Virginia Ave and N. Locust St. (IGRS)	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 09/22/2015, Replace 621' of 3" PBG with 4" PE due to leaks. Pressure system C-001. There will be 10 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 09/25/2015, Relocate approximately 405' of 4" PCG 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 MODOOT permit. Pressure system G-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 06/26/2015, 20 Year SLRP at Chapel Hill Church - 3100 SW 40 Highway (mt #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 ckh.	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 06/26/2015, 20 Year SLRP at Winefield's - 605 NW 7 Highway (mt #00237550, installed on WOB 88-5082, premise #380810). 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 ckh.	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 06/26/2015, 20 Year SLRP at RLDG Church - 1101 NE Independence Ave (meter #07002607, installed on unknown WO, premise #366094). Rebuild a 3M rotary meter set at the building and remove the 1.5M rotary meter set at the property line. Total connected load = 1,000 ckh.	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 pbs main by installing 5,500' - 2" pe main - Accelerated Main Replacement program. (IGRS)	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 3,620' - 2" pe main to replace 2" pbs and 2" pbs main as part of the total town main replacement project. (IGRS)	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" PCG due to sewer improvements. 6" PCG 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 306' of 3" PCG, 126' of 2" PCG and 178' of 2" PBG. Install 405' of 4" PE and 178' of 2" PE. IGRG.	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 DRG 103 from 51st and Grosveaux to 51st and Wyandotte (new DRG 763), a new right hand turn lane will be installed at the existing location of DRG 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 3,050' - 4" PE, 22' - 4" PCG 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. (IGRS)	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" PCG with 4" PE along W 16th st. for public improvement. The city is adding a new storm sewer along the north side of 16th 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" PBG, PCG and PE main by installing 3,000' - 2" pe main as part of the whole town main replacement. (IGRS)	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" PBG that had a reading of -040 mV. Abandon 172' of 4" PBG. Install 180' of 4" PE. IGRG.	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 07/06/2015, Replace and Abandon 2" PBG, PCG and PE main as part of the whole town main replacement project. (IGRS)	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	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 - 1.20" PBG = 200', 2" PBG = 4,764', 3" PBG = 1,352', 4" PBG = 1,032', 6" PBG = 642', 8" PBG = 1,300'.	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" PCG due to public improvement. Existing 12" PCG 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" PCG main due to public improvement new storm structure and grade cut. Pressure system C-030 - 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 Fornell on 08/10/2015, Abandon 317' of 2" PBG, 411' of 2" PCG and 22' of 1" PCG 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	BWD Service Line Repl - ISRS (N)	Addition	Blanket WO	201602	(564.64)	Dilings, MO, Division: 09 Town: 13 Sector: A1513 Pressure System: 0-0001 MAOP: 20 psig MOP: 20 psig Design Pressure: 60 psig Test Pressure: 100 psig Services: 5 Leaks: 0 ISRS Total: \$33,730 (24,961.00)	393.1009 (5) (a) (b)	A,B,C,I
380100-Services - Steel	009218	BWD 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	BWD 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" PCG (632738), 180'-2" PBG (N/A), 165'-4" PBG (630877), 40'-4" PCG (630877), 472'-4" PCG (620377), 100'-2" PCG (631626), 167'-2" PBG (N/A), 340'-2" PBG (26254), 100'-2" PCG (54421), 63'-4" PCG (65613), 210'-4" PCG (631100), 586'-2" PE (640477), 467'-2" PCG (682485), 10'-4" PBG (A1916), 287'-4" PBG (631100), 2070'-4" PCG (631100), 201'-2" PCG (N/A), 32'-2" PBG (N/A), 115'-2" PCG (571040), 157'-2" PCG (641263), 120'-3" PBG (641263), 222'-2" PBG (N/A), 320'-2" PE (606666), 182'-2" PCG (634718), 102'-2" PCG (633789), 152'-2" PCG (611569), 390'-3" PBG (21001), 62'-3" PBG (63118), 406'-2" PCG (641253), and 375'-3" PBG (21841). Upgrade 454'-2" PCG (A0379), 220'-2" PCG (641253), and 102'-2" PE (640477) to 30 psi. Main currently runs on HWY 131 (Lexington St, Olive St, Market St, and Main St) 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" PCG (56877), 231'-3" PCG (675788), 231'-3" PCG (664723), 126'-3" PCG (730696), 667'-2" PCG (730054), 61'-2" PCG (641253), 40'-2" PCG (56870), 630'-2" PCG (A8660), 105'-2" PCG (64388), 384'-2" PBG (46127), 154'-2" PBG (40795), 200'-3" PBG (20004), 210'-3" PBG (40801), 507'-3" PBG (A5600), 105'-3" PBG (53871), and 846'-4" PCG (631108). Main currently runs on HWY 131 (Lexington St, Market St, and Main St) south of sixteenth St. Also upgrade 2" PE, 3" PE, 4" PE, 3" PCG and 4" PCG along 19th, 20th, Main St, Pine St and Vine St. Also upgrade 2" PE, 3" PE, 4" PE, 3" PCG and 4" PCG along 10th, 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 3,280' of 4" PBG and 3,674' of 2" PBG with 7,403' of PE. Services to be replaced are to be changed to a service replacement blanket work order. 144 leavers of PE services are to be performed. A target meeting will need to be scheduled for the 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 046200), 15' 2" PE (WO 02956), 32' 2" PCG (WO 041852), 64' 4" PBG (WO 30020), 281' 3" PBG (WO 11805), and 2703' 2" PBG (WOs Main, 3746, 13490, 16238, 3723, 12027, 12716, and 3734) with 2065' 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 PGIG, MAOP: 1.5 PGIG, Design: 06 PGIG, Test: 100 PGIG, Services: 20 Leaks: 0 Price: \$30,400/ft (\$15,287.75) 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 Fornell on 08/19/2015, Abandon 122'-2" PBG (WO#16480) and 250'-2" PBG (WO#13644) with 390' 2" PE. The PBG Main is in poor condition and has had one reported leak. 2025 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" CI with 8" PE. Due 06/23/2015 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" CI with 8" PE. Due 06/23/2015 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" CI and 37' of 6" PBG 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 Driksel on 08/25/2015, Replace 2" and 4" pbs main in alley (ISRS)	393.1009 (5) (a) (b)	A,B,C
3761D1-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 Pipelines Integrity purposes. We are contracting with JP Hydro Services for the hydrotest portion. The line will be hydrotested from Buckner Taney Road in Grain Valley to Lee's Gumms 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 740' - 4" pbs and 394' 2" pbs main by installing 1,270' - 2" pe main - ARP (ISRS)	393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2016 - December 2016

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: Cary Williams on 08/01/2016. Replace and Abandon 180'-2" PCG #41083, 146'-2" PBG #41087, 7'-2" PBG (708069), 201'-2" PPS (1020), 48'-1 1/4" PE #72874, 10'-2" PCG (708069), 309'-2" PCG (600004). 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 08/01/2016. Replace 1004' PE (WO's 013422, 16215, 020462, 041007, 041187, 731240, 33872, 30781, 43367, 050130, 063500) and 1,367' PBG (WO: N/A) and replace with 2,655' 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: D1 G: 0001 Services: 25 Repaired Leaks: 13 \$41,291 (\$107,558.00)	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 08/01/2016. Replace 7' 4" PE (WO 031814), 369' 4" PCG (WO's 735930, 737089, & 740372), & 907' 4" PBG with 1,320' 4" PE due to cathodic sulfate (CP 15-040). Project Location: School Ave between North St & Broadway St. 3 Leaks, 3 Services. System: C-1, MAOP: 58 PSIG, MAOP: 56 PSIG. Design: 66 PSIG. Test: 100 PSIG. ISRS \$48,300 (\$63,656.16).	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: Cary Williams on 07/07/2016. ISRS Relocate DRG 103 from 51st and Orinville to 51st and Wyanadette (new DRG 753). A new right hand turn lane will be installed at the existing location of DRG 103 which is in a vault. Retire 2 Singer Axel Flow 2" Regulators from existing DRG 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 BTGL, and 106ft of 4in CI. The 4" CI was in AOR and the replacement is due 10/28/2016.	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 BTGL, and 106ft of 4in CI. The 4" CI was in AOR and the replacement is due 10/28/2016.	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 opt15-02 - 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 opt15-02 - 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 opt15-02 - 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 200' of 4" PE. Abandon 151' of 3" BTGL, 122' of 2" GTL, 0' of 4" GTL, 340' of 6" CI. Replacing Cast Iron due to AOR. Due 11/13/2016	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 200' of 4" PE. Abandon 151' of 3" BTGL, 122' of 2" GTL, 0' of 4" GTL, 340' of 6" CI. Replacing Cast Iron due to AOR. Due 11/13/2016	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 6in cast iron at 2021 Elmwood due to Angle of Repose. Due 11/13/2016	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 6in cast iron at 2021 Elmwood due to Angle of Repose. Due 11/13/2016	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 6in cast iron at 2021 Elmwood due to Angle of Repose. Due 11/13/2016	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 750' of 2" PE. Abandon 200' of 2" GTL and 300' 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 750' of 2" PE. Abandon 200' of 2" GTL and 300' 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 Pts	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 PPS IP and 27 Ft of 4in PL IP main at the same location. Project includes 5 Service Tie-Overns 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 3487 Ft of 2 in PPS, 1585 Ft of 2 in PCS, 210 Ft of 3 in PPS, 732 Ft of 3 in PCS, 1020 Ft of 4 in PPS, 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 3487 Ft of 2 in PPS, 1585 Ft of 2 in PCS, 210 Ft of 3 in PPS, 732 Ft of 3 in PCS, 1020 Ft of 4 in PPS, 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 505 Ft of 3 in PPS, 2533 Ft of 3 in PCS, 80 Ft of 3 in PL, and 1243 Ft of 4 in PCS PL main. - Upgrade ~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-Overns, 4 Service Replacements, 6 Service Abandonments 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 505 Ft of 3 in PPS, 2533 Ft of 3 in PCS, 80 Ft of 3 in PL, and 1243 Ft of 4 in PCS PL main. - Upgrade ~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-Overns, 4 Service Replacements, 6 Service Abandonments 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 02/09/2018	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 400' 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 404' of 4" PE. Abandon 430' 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 404' of 4" PE. Abandon 430' 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)	