

Work Order Authorization Information

FILED
October 7, 2019
Data Center
Missouri Public
Service Commission

Header Detail

Work Order: 800039	Company: Spire Missouri Inc.
Work Order Title: Pickett Rd and 29th St - Main Repla	Business Segment: Missouri West
Wo Type Description: WO-Replacement Mains & Svcs MGE	Functional Class: Distribution Plant
Work Order Group:	Department Code: 20648
Current Revision: 1	Department Description: Construction & Maintenance - Region 2A - Unio
Funding Project: F0599	Budget Description: Replace cast iron main - CPI / prio
Funding Project Desc: Main Replacement - ISRS (N)	Est. Annual Revenue:
Eligible for AFUDC: yes	Eligible for CPI: yes
Reason Code: Strategic	Reimbursement Type: None
	Retirement Type:
WO Description: Install 6439' of 2" PE and 3027' of 4" PE. Abandon 230' of 2" PL, 220' of 2" ST, 28' of 4" PL, 4024' of 4" STL, 4944' of 6" CI, 320' of 6" STL. Existing PE main in the project area will be updated.	
Major Location: 1001-St. Joseph	Status: posted to CPR
Asset Location: 1001-010001 ST. JOSEPH CITY/BUCHANAN	
Estimated Start Date: Nov 02, 2015	Estimated Completion Date: Jan 01, 2016
	Estimated In-Service Date: Jan 01, 2016
Notes: FY16 Main replacement program for St. Joseph, MO	

Reason for Work (Justification)

DPL Exhibit No. 203
Date 10-2-19 Reporter JM
File No. 60-2019-0356
60-2019-0357

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	10/7/2015
Engineering Review-Dist	Hoferlin, Craig	\$0	10/8/2015
VP Field Operations-MGE	Hampton, Joe	\$500,000	10/9/2015

***** Unit Estimate *****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$90.17	\$5,427.56	\$5,517.73	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$1,817.37	\$1,817.37	\$0.00	\$0.00
376300-Mains - Plastic	\$157,299.51	\$6,692.07	\$163,991.58	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$67,422.76	\$0.00	\$67,422.76	\$0.00	\$0.00
Total Estimated Costs:	\$224,812.44	\$13,937.00	\$238,749.44	\$0.00	\$0.00

Work Order Authorization Information

***** Unit Estimate *****

Asset Location						
Utility Account						
Retirement Unit						
Est. Chg Type	Addition Dollars	Retirement Dollars	Add Qty	Retire Qty	Add Hrs	Retire Hrs
1001-010001 ST. JOSEPH CITY/BCU						
376200-Mains - Cast Iron						
Mains-Cast Iron 6"						
Contract Payroll	\$0.00	\$685.80	0	0	0	0
Department Clearings	\$0.00	\$411.48	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$425.20	0	0	0	0
Overheads Capitalized - General	\$0.00	\$226.31	0	0	0	0
Payroll Taxes	\$0.00	\$68.58	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	4944	0	0
SubTotal Utility Account:	\$0.00	\$1,817.37	0.00	4,944.00	0.00	0.00
376300-Mains - Plastic						
Mains-Plastic 2"						
Contract Payroll	\$42,076.90	\$599.20	0	0	0	0
Department Clearings	\$24,091.50	\$1,514.16	0	0	0	0
Overheads Capitalized - Benefits	\$24,894.55	\$1,564.63	0	0	0	0
Overheads Capitalized - General	\$14,823.51	\$832.79	0	0	0	0
Payroll Taxes	\$4,015.25	\$252.36	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	230	0	0
Stores	\$7,865.94	\$0.00	6439	0	0	0
Mains-Plastic 4"						
Contract Payroll	\$10,230.40	\$685.80	0	0	0	0
Department Clearings	\$6,138.24	\$411.48	0	0	0	0
Overheads Capitalized - Benefits	\$6,342.85	\$425.20	0	0	0	0
Overheads Capitalized - General	\$5,458.57	\$232.59	0	0	0	0
Payroll Taxes	\$1,023.04	\$68.58	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	28	0	0
Stores	\$10,338.76	\$105.28	3027	0	0	0
SubTotal Utility Account:	\$157,299.51	\$6,692.07	9,466.00	258.00	0.00	0.00
376100-Mains - Steel						
Mains-Steel 2"						
Contract Payroll	\$0.00	\$599.20	0	0	0	0
Department Clearings	\$0.00	\$359.52	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$371.50	0	0	0	0
Overheads Capitalized - General	\$84.74	\$197.74	0	0	0	0
Payroll Taxes	\$0.00	\$59.92	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	220	0	0
Stores	\$0.00	\$423.72	0	0	0	0
Mains-Steel 4"						
Contract Payroll	\$0.00	\$639.40	0	0	0	0

Work Order Authorization Information

***** Unit Estimate *****

Asset Location						
Utility Account						
Retirement Unit						
Est. Chg Type	Addition Dollars	Retirement Dollars	Add Qty	Retire Qty	Add Hrs	Retire Hrs
1001-010001 ST. JOSEPH CITY/BUK						
376100-Mains - Steel						
Mains-Steel 4"						
Department Clearings	\$0.00	\$383.64	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$396.43	0	0	0	0
Overheads Capitalized - General	\$0.00	\$211.00	0	0	0	0
Payroll Taxes	\$0.00	\$63.94	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	4024	0	0
Mains-Steel 6"						
Contract Payroll	\$0.00	\$639.40	0	0	0	0
Department Clearings	\$0.00	\$383.64	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$396.43	0	0	0	0
Overheads Capitalized - General	\$5.43	\$211.00	0	0	0	0
Payroll Taxes	\$0.00	\$63.94	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	320	0	0
Stores	\$0.00	\$27.14	0	0	0	0
SubTotal Utility Account:	\$90.17	\$5,427.56	0.00	4,564.00	0.00	0.00
380200-Services - Plastic & Copper						
Services-Plastic						
Contract Payroll	\$25,442.55	\$0.00	0	0	0	0
Department Clearings	\$15,265.53	\$0.00	0	0	0	0
Overheads Capitalized - Benefits	\$15,774.38	\$0.00	0	0	0	0
Overheads Capitalized - General	\$8,396.04	\$0.00	0	0	0	0
Payroll Taxes	\$2,544.26	\$0.00	0	0	0	0
SubTotal Utility Account:	\$67,422.76	\$0.00	0.00	0.00	0.00	0.00
SubTotal Location:	\$224,812.44	\$13,937.00	9,466.00	9,766.00	0.00	0.00
Total Unit Estimate:	\$224,812.44	\$13,937.00	9,466	9,766	0	0

***** Class Codes *****

Class Code	Value
cap_expense	capital
ISRS Reason	01 - Cast Iron Strategic Replacement
isrs_recov	yes
ohbenefits	yes
ohgen_supv	yes
prod_nonprod	prod
Project Classification	both

Work Order Authorization Information

***** As-Built *****

Asset Location

Utility Account

Exp Type

Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
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Used in Unitization:

1001-010001 ST. JOSEPH CITY/BUCHANAN

376100-Mains - Steel

Retirement

Contractor Work	Mains-Steel 4"		\$1,187.96	0
Contractor Work	Mains-Steel 2"		\$497.68	0
Contractor Work	Mains-Steel 6"		\$105.20	0
Overheads Capitalized - General	Mains-Steel 2"		\$213.06	0
Overheads Capitalized - General	Mains-Steel 4"		\$514.75	0
Overheads Capitalized - General	Mains-Steel 6"		\$44.71	0
Retirement Value	Mains-Steel 4"		\$6,610.61	43
Retirement Value	Mains-Steel 4"		\$1,795.56	1,026
Retirement Value	Mains-Steel 6"		\$941.35	118
Retirement Value	Mains-Steel 4"		\$6,226.68	43
Retirement Value	Mains-Steel 6"		\$358.54	147
Retirement Value	Mains-Steel 4"		\$1,363.15	718
Retirement Value	Mains-Steel 2"		\$825.75	9
Retirement Value	Mains-Steel 4"		\$651.84	75
Retirement Value	Mains-Steel 6"		\$71.96	24
Retirement Value	Mains-Steel 4"		\$1,747.40	345
Retirement Value	Mains-Steel 4"		\$4,615.76	1,711
Retirement Value	Mains-Steel 2"		\$1,188.16	200
Stores	Mains-Steel 4"		\$23.22	0
Stores	Mains-Steel 2"		\$3.64	0

Retirement Total: \$28,986.98 4,459

376200-Mains - Cast Iron

Retirement

Contractor Work	Mains-Cast Iron 6"		\$105.20	0
Overheads Capitalized - General	Mains-Cast Iron 6"		\$44.71	0
Retirement Value	Mains-Cast Iron 6"		\$664.08	219
Retirement Value	Mains-Cast Iron 6"		\$2,444.04	806
Retirement Value	Mains-Cast Iron 6"		\$6,495.93	2,199
Retirement Value	Mains-Cast Iron 6"		\$5,367.18	1,770

Retirement Total: \$15,121.14 4,994

376300-Mains - Plastic

Addition

Contract Payroll	Mains-Plastic 4"		\$800.54	0
Contract Payroll	Mains-Plastic 2"		\$732.30	0
Contractor Work	Mains-Plastic 4"		\$175,970.51	0
Contractor Work	Mains-Plastic 2"		\$145,915.26	0
Department Clearings	Mains-Plastic 4"		\$692.47	0
Department Clearings	Mains-Plastic 2"		\$633.44	0
Overheads Capitalized - Benefits	Mains-Plastic 4"		\$447.50	0
Overheads Capitalized - Benefits	Mains-Plastic 2"		\$409.36	0
Overheads Capitalized - General	Mains-Plastic 4"		\$78,632.38	0
Overheads Capitalized - General	Mains-Plastic 2"		\$68,015.67	0
Payroll Taxes	Mains-Plastic 2"		\$111.31	0
Payroll Taxes	Mains-Plastic 4"		\$121.68	0

Work Order Authorization Information

***** As-Built *****

Asset Location

Utility Account

Exp Type

Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
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Used in Unitization:

1001-010001 ST. JOSEPH CITY/BUCHANAN

376300-Mains - Plastic

Addition

Stores	Mains-Plastic 4"		\$8,926.30	3,397
Stores	Mains-Plastic 2"		\$14,011.33	5,969

Addition Total:			\$495,420.05	9,366
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380100-Services - Steel

Retirement

Contractor Work	Services-Steel		\$891.77	0
Overheads Capitalized - General	Services-Steel		\$379.00	0
Retirement Value	Services-Steel		\$1.84	4
Retirement Value	Services-Steel		\$3.74	5
Retirement Value	Services-Steel		\$14.93	45
Retirement Value	Services-Steel		\$1.45	3
Retirement Value	Services-Steel		\$1,662.92	35
Retirement Value	Services-Steel		\$6.14	6

Retirement Total:			\$2,961.79	98
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380200-Services - Plastic & Copper

Addition

Contractor Work	Services-Plastic		\$15,989.34	0
Overheads Capitalized - General	Services-Plastic		\$7,600.25	0
Stores	Services-Plastic		\$1,893.59	1,138

Addition Total:			\$25,483.18	1,138
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Retirement

Contractor Work	Services-Plastic		\$972.84	0
Overheads Capitalized - General	Services-Plastic		\$413.46	0
Retirement Value	Services-Plastic		\$87.03	6
Retirement Value	Services-Plastic		\$46.62	4
Retirement Value	Services-Plastic		\$2,922.27	227
Retirement Value	Services-Plastic		\$10.04	1
Retirement Value	Services-Plastic		\$13,496.69	1,552
Retirement Value	Services-Plastic		\$121.54	22
Retirement Value	Services-Plastic		\$1,268.99	107
Retirement Value	Services-Plastic		\$2,998.31	211
Retirement Value	Services-Plastic		\$2,921.83	82
Retirement Value	Services-Plastic		\$969.69	50
Retirement Value	Services-Plastic		\$75.04	9
Retirement Value	Services-Plastic		\$590.84	38
Retirement Value	Services-Plastic		\$162.83	44
Retirement Value	Services-Plastic		\$10.09	1
Retirement Value	Services-Plastic		\$202.43	15
Retirement Value	Services-Plastic		\$258.69	13
Retirement Value	Services-Plastic		\$35.82	5

Work Order Authorization Information

***** As-Built *****

Asset Location
Utility Account
Exp Type

Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
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Used In Unitization:

1001-010001 ST. JOSEPH CITY/BUCHANAN
380200-Services - Plastic & Copper

Retirement

Retirement Value	Services-Plastic		\$17.16	2
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Retirement Total:			\$27,582.21	2,389
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	<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>
Location Total:	\$520,903.23	10,504	\$74,652.12	11,940

	<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>
Used In Unitization:	\$520,903.23	10,504	\$74,652.12	11,940

	<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>
Unit Estimate Total:	\$520,903.23	10,504	\$74,652.12	11,940

***** Work Order Retirements *****

Business Segment
Asset Location
Utility Account
Retirement Unit

GL Account

Asset Description

Vintage	Activity Code	Retire Qty	Retirement Amount
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Posted Retirements:

Missouri West 101000::Gas Plant In Service

1001-010001 ST. JOSEPH CITY/BUCHANAN

376100-Mains - Steel

Mains-Steel 2"

OCR	1979 URET	200	\$1,188.16
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OCR	2011 URET	9	\$825.75
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Mains-Steel 4"

OCR	1954 URET	718	\$1,363.15
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OCR	1955 URET	1,026	\$1,795.56
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OCR	1961 URET	1,711	\$4,615.76
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OCR	1973 URET	345	\$1,747.40
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OCR	1979 URET	75	\$651.84
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OCR	1987 URET	43	\$6,610.61
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OCR	2011 URET	43	\$6,226.68
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Mains-Steel 6"

OCR	1953 URET	147	\$358.54
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OCR	1954 URET	24	\$71.96
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OCR	1961 URET	118	\$941.35
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Utility Account Total:		4,459	\$26,396.76
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Work Order Authorization Information

***** Work Order Retirements *****

Business Segment	GL Account				
Asset Location					
Utility Account					
Retirement Unit					
Asset Description		Vintage	Activity Code	Retire Qty	Retirement Amount
Posted Retirements:					
Missouri West	101000::Gas Plant in Service				
1001-010001	ST. JOSEPH CITY/BUCHANAN				
376200-Mains - Cast Iron					
Mains-Cast Iron 6"					
OCR		1953	URET	2,199	\$6,495.93
OCR		1954	URET	1,770	\$5,367.18
OCR		1954	URET	806	\$2,444.04
OCR		1954	URET	219	\$664.08
				Utility Account Total:	4,994
					\$14,971.23
380100-Services - Steel					
Services-Steel					
OCR		1954	URET	45	\$14.93
OCR		1955	URET	6	\$6.14
OCR		1956	URET	5	\$3.74
OCR		1958	URET	4	\$1.84
OCR		1960	URET	3	\$1.45
OCR		1968	URET	35	\$1,662.92
				Utility Account Total:	98
					\$1,691.02
380200-Services - Plastic & Copper					
Services-Plastic					
OCR		1973	URET	44	\$162.83
OCR		1974	URET	22	\$121.54
OCR		1975	URET	2	\$17.16
OCR		1978	URET	9	\$75.04
OCR		1979	URET	5	\$35.82
OCR		1985	URET	1	\$10.09
OCR		1989	URET	4	\$46.62
OCR		1990	URET	38	\$590.84
OCR		1991	URET	211	\$2,998.31
OCR		1992	URET	15	\$202.43
OCR		1993	URET	227	\$2,922.27
OCR		1995	URET	107	\$1,268.99
OCR		1996	URET	1,552	\$13,496.69
OCR		1999	URET	1	\$10.04
OCR		2000	URET	13	\$258.69
OCR		2004	URET	50	\$969.69
OCR		2006	URET	6	\$87.03
OCR		2016	URET	82	\$2,921.83
				Utility Account Total:	2,389
					\$26,195.91
				Location Total:	11,940
					\$69,254.92
				GL Account Total:	11,940
					\$69,254.92
				Posted Retirements:	11,940
					\$69,254.92
				Work Order Total:	11,940
					\$69,254.92