

Work Order Authorization Information

Header Detail

<b>Work Order:</b> 901048	<b>Company:</b> Spire Missouri Inc.
<b>Work Order Title:</b> Repl w/ 3246 2P 4P Soulard Ph2D	<b>Business Segment:</b> Missouri East
<b>Wo Type Description:</b> WO-Replacement Mains & Services	<b>Functional Class:</b> Distribution Plant
<b>Work Order Group:</b>	<b>Department Code:</b> 10638
<b>Current Revision:</b> 1	<b>Department Description:</b> Construction - Region 1B - Union
<b>Funding Project:</b> 3303L	<b>Budget Description:</b> Replacement of Dist Sys - Laclede
<b>Funding Project Desc:</b> Replacement of Dist Sys - Laclede	<b>Est. Annual Revenue:</b>
<b>Eligible for AFUDC:</b> yes	<b>Reimbursement Type:</b> None
<b>Eligible for CPI:</b> yes	<b>Retirement Type:</b>
<b>Reason Code:</b> Strategic	
<b>WO Description:</b> Install ~ 198 Ft. of 4" PL SIP main and ~ 3048 Ft. of 2" PL SIP main on Soulard St, Geyer Ave, Allen Ave, S 9th St and S 8th St in between S 10th and S 7th St. Abandon 3940 ft of various main at above locations.	
<b>Major Location:</b> Mass Property-Laclede	<b>Status:</b> completed
<b>Asset Location:</b> Laclede-St. Louis City	
<b>Estimated Start Date:</b> Aug 03, 2015	<b>Estimated Completion Date:</b> Oct 09, 2015
	<b>Estimated In-Service Date:</b> Oct 09, 2015
<b>Notes:</b> This main is being abandoned as part of FY15 Cast Iron Replacement Program	

Reason for Work (Justification)

*OPC Exhibit No. 205*  
*Date 4-3-19 Report TR*  
*File No. 90-2019-0115 +*  
*90-2019-0116*

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/16/2015
Engineering Review-Dist	Hoferlin, Craig	\$0	6/17/2015
VP Field Operations	Goodson, Timothy	\$500,000	6/18/2015
Chief Operating Officer	Lindsey, Steve	\$2,000,000	6/18/2015

\*\*\*\* Unit Estimate \*\*\*\*

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$9,721.26	\$9,721.26	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$60,835.74	\$60,835.74	\$0.00	\$0.00
376300-Mains - Plastic	\$443,377.92	\$5,430.16	\$448,808.08	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$828.04	\$828.04	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$229,168.35	\$5,373.53	\$234,541.88	\$0.00	\$0.00
<b>Total Estimated Costs:</b>	<b>\$672,546.27</b>	<b>\$82,188.73</b>	<b>\$754,735.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

### 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
Laclede-St. Louis City						
376200-Mains - Cast Iron						
Mains-Cast Iron 3"						
Contract Payroll	\$0.00	\$652.46	0	0	0	0
Mechanical Equipment	\$0.00	\$1,280.60	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	93	0	0
Mains-Cast Iron 4"						
Contract Payroll	\$0.00	\$652.46	0	0	0	0
Mechanical Equipment	\$0.00	\$1,280.60	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	43	0	0
Mains-Cast Iron 6"						
Contract Payroll	\$0.00	\$7,532.30	0	0	0	0
Department Clearings	\$0.00	\$11,046.53	0	0	0	0
Mechanical Equipment	\$0.00	\$11,753.13	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$7,414.43	0	0	0	0
Overheads Capitalized - General	\$0.00	\$10,733.50	0	0	0	0
Payroll Taxes	\$0.00	\$1,325.59	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	3110	0	0
Stores	\$0.00	\$7,164.14	0	0	0	0
<b>SubTotal Utility Account:</b>	<b>\$0.00</b>	<b>\$60,835.74</b>	<b>0.00</b>	<b>3,246.00</b>	<b>0.00</b>	<b>0.00</b>
376300-Mains - Plastic						
Mains-Plastic 2"						
Contract Payroll	\$63,272.78	\$0.00	0	0	0	0
Department Clearings	\$93,643.72	\$0.00	0	0	0	0
Mechanical Equipment	\$94,074.29	\$0.00	0	0	0	0
Overheads Capitalized - Benefits	\$53,085.86	\$0.00	0	0	0	0
Overheads Capitalized - General	\$58,096.92	\$0.00	0	0	0	0
Payroll Taxes	\$9,490.92	\$0.00	0	0	0	0
Stores	\$20,385.17	\$0.00	3048	0	0	0
Mains-Plastic 4"						
Contract Payroll	\$9,377.10	\$1,243.46	0	0	0	0
Department Clearings	\$13,878.11	\$0.00	0	0	0	0
Mechanical Equipment	\$9,241.60	\$2,208.89	0	0	0	0
Overheads Capitalized - Benefits	\$7,867.39	\$0.00	0	0	0	0
Overheads Capitalized - General	\$8,118.11	\$0.00	0	0	0	0
Payroll Taxes	\$1,406.57	\$0.00	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	292	0	0
Stores	\$1,439.38	\$44.75	198	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
Laclede-St. Louis City						
376300-Mains - Plastic						
Mains-Plastic 6"						
Contract Payroll	\$0.00	\$652.46	0	0	0	0
Mechanical Equipment	\$0.00	\$1,280.60	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	57	0	0
<b>SubTotal Utility Account:</b>	<b>\$443,377.92</b>	<b>\$5,430.16</b>	<b>3,246.00</b>	<b>349.00</b>	<b>0.00</b>	<b>0.00</b>
376100-Mains - Steel						
Mains-Steel 4"						
Contract Payroll	\$0.00	\$652.46	0	0	0	0
Department Clearings	\$0.00	\$1,926.65	0	0	0	0
Mechanical Equipment	\$0.00	\$1,280.60	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$1,293.17	0	0	0	0
Overheads Capitalized - General	\$0.00	\$1,688.84	0	0	0	0
Payroll Taxes	\$0.00	\$231.20	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	60	0	0
Mains-Steel 6"						
Contract Payroll	\$0.00	\$888.86	0	0	0	0
Mechanical Equipment	\$0.00	\$1,680.57	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	284	0	0
Stores	\$0.00	\$78.91	0	0	0	0
<b>SubTotal Utility Account:</b>	<b>\$0.00</b>	<b>\$9,721.26</b>	<b>0.00</b>	<b>344.00</b>	<b>0.00</b>	<b>0.00</b>
380200-Services - Plastic & Copper						
Services-Plastic						
Contract Payroll	\$33,828.84	\$1,083.60	0	0	0	0
Department Clearings	\$50,066.68	\$1,354.50	0	0	0	0
Mechanical Equipment	\$72,290.31	\$865.48	0	0	0	0
Overheads Capitalized - Benefits	\$28,382.40	\$909.14	0	0	0	0
Overheads Capitalized - General	\$30,483.99	\$886.33	0	0	0	0
Payroll Taxes	\$5,074.33	\$162.54	0	0	0	0
Stores	\$9,041.80	\$111.94	0	0	0	0
<b>SubTotal Utility Account:</b>	<b>\$229,168.35</b>	<b>\$5,373.53</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
380100-Services - Steel						
Services-Steel						
Contract Payroll	\$0.00	\$216.60	0	0	0	0
Department Clearings	\$0.00	\$270.75	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$181.73	0	0	0	0
Overheads Capitalized - General	\$0.00	\$126.47	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
Laclede-St. Louis City						
380100-Services - Steel						
Services-Steel						
Payroll Taxes	\$0.00	\$32.49	0	0	0	0
<b>SubTotal Utility Account:</b>	<b>\$0.00</b>	<b>\$828.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>SubTotal Location:</b>	<b>\$672,546.27</b>	<b>\$82,188.73</b>	<b>3,246.00</b>	<b>3,939.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Unit Estimate:</b>	<b>\$672,546.27</b>	<b>\$82,188.73</b>	<b>3,246</b>	<b>3,939</b>	<b>0</b>	<b>0</b>

#### \*\*\*\*\* Class Codes \*\*\*\*\*

Class Code	Value
cap_expense	capital
CWIP Property Tax Type	MO-CWIP-Distr Real-Exclude
ISRS Reason	01 - Cast Iron Strategic Replacement
isrs_recov	yes
ohbenefits	yes
ohgen_supv	yes
prod_nonprod	prod
Project Classification	both

#### \*\*\*\*\* As-Built \*\*\*\*\*

Asset Location				
Utility Account				
Exp Type				
Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
<b>Available for Unitization:</b>				
Laclede-St. Louis City				
376100-Mains - Steel				
Retirement				
Contract Payroll	Mains-Steel 4"		\$263.45	0
Contract Payroll	Mains-Steel 12"		\$100.49	0
Contract Payroll	Mains-Steel 10"		\$100.49	0
Contract Payroll	Mains-Steel 6"		\$239.01	0
Department Clearings	Mains-Steel 4"		\$302.97	0
Department Clearings	Mains-Steel 10"		\$115.56	0
Department Clearings	Mains-Steel 6"		\$274.86	0
Department Clearings	Mains-Steel 12"		\$115.56	0
Mechanical Equipment	Mains-Steel 6"		\$99.20	0
Mechanical Equipment	Mains-Steel 4"		\$108.52	0
Mechanical Equipment	Mains-Steel 12"		\$47.37	0
Mechanical Equipment	Mains-Steel 10"		\$47.37	0

## Work Order Authorization Information

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

Asset Location  
Utility Account  
Exp Type

Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
<b>Available for Unitization:</b>				
Laclede-St. Louis City				
376100-Mains - Steel				
Retirement				
Overheads Capitalized - Benefits	Mains-Steel 12"		\$102.00	0
Overheads Capitalized - Benefits	Mains-Steel 4"		\$267.40	0
Overheads Capitalized - Benefits	Mains-Steel 10"		\$102.00	0
Overheads Capitalized - Benefits	Mains-Steel 6"		\$242.60	0
Overheads Capitalized - General	Mains-Steel 4"		\$356.31	0
Overheads Capitalized - General	Mains-Steel 6"		\$82.16	0
Overheads Capitalized - General	Mains-Steel 10"		\$30.03	0
Overheads Capitalized - General	Mains-Steel 12"		\$30.03	0
Payroll Taxes	Mains-Steel 6"		\$36.57	0
Payroll Taxes	Mains-Steel 4"		\$40.31	0
Payroll Taxes	Mains-Steel 12"		\$15.37	0
Payroll Taxes	Mains-Steel 10"		\$15.37	0
Retirement Value	Mains-Steel 6"		\$552.58	39
Retirement Value	Mains-Steel 4"		\$94.65	10
Retirement Value	Mains-Steel 10"		\$311.40	25
Retirement Value	Mains-Steel 4"		\$1,833.52	30
Retirement Value	Mains-Steel 6"		\$1,453.10	45
Retirement Value	Mains-Steel 6"		\$2,323.07	200
Retirement Value	Mains-Steel 6"		\$7,435.68	41
Retirement Value	Mains-Steel 4"		\$1,833.52	30
Retirement Value	Mains-Steel 12"		\$6,084.57	33
Stores	Mains-Steel 4"		\$595.20	0
Stores	Mains-Steel 6"		\$35.89	0
<b>Retirement Total:</b>			<b>\$25,688.18</b>	<b>453</b>

376200-Mains - Cast Iron

Retirement

Contract Payroll	Mains-Cast Iron 6"		\$1,059.93	0
Contract Payroll	Mains-Cast Iron 6"		\$263.45	0
Contract Payroll	Mains-Cast Iron 4"		\$100.49	0
Contract Payroll	Mains-Cast Iron 3"		\$100.49	0
Contract Payroll	Mains-Cast Iron 10"		\$103.21	0
Department Clearings	Mains-Cast Iron 3"		\$115.56	0
Department Clearings	Mains-Cast Iron 4"		\$115.56	0
Department Clearings	Mains-Cast Iron 6"		\$1,218.92	0
Department Clearings	Mains-Cast Iron 6"		\$302.97	0
Department Clearings	Mains-Cast Iron 10"		\$118.69	0
Mechanical Equipment	Mains-Cast Iron 6"		\$108.52	0
Mechanical Equipment	Mains-Cast Iron 3"		\$47.37	0
Mechanical Equipment	Mains-Cast Iron 10"		\$48.35	0
Mechanical Equipment	Mains-Cast Iron 6"		\$398.06	0
Mechanical Equipment	Mains-Cast Iron 4"		\$47.37	0
Overheads Capitalized - Benefits	Mains-Cast Iron 6"		\$1,075.83	0
Overheads Capitalized - Benefits	Mains-Cast Iron 4"		\$102.00	0
Overheads Capitalized - Benefits	Mains-Cast Iron 3"		\$102.00	0

**Work Order Authorization Information**

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

Asset Location	Utility Account	Exp Type	Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
<b>Available for Unitization:</b>							
Laclede-St. Louis City							
376200-Mains - Cast Iron							
Retirement							
		Overheads Capitalized - Benefits		Mains-Cast Iron 10"		\$104.76	0
		Overheads Capitalized - Benefits		Mains-Cast Iron 6"		\$267.40	0
		Overheads Capitalized - General		Mains-Cast Iron 4"		\$30.03	0
		Overheads Capitalized - General		Mains-Cast Iron 6"		\$586.23	0
		Overheads Capitalized - General		Mains-Cast Iron 10"		\$30.69	0
		Overheads Capitalized - General		Mains-Cast Iron 3"		\$30.03	0
		Overheads Capitalized - General		Mains-Cast Iron 6"		\$376.59	0
		Payroll Taxes		Mains-Cast Iron 3"		\$15.37	0
		Payroll Taxes		Mains-Cast Iron 6"		\$40.31	0
		Payroll Taxes		Mains-Cast Iron 4"		\$15.37	0
		Payroll Taxes		Mains-Cast Iron 10"		\$15.79	0
		Payroll Taxes		Mains-Cast Iron 6"		\$162.17	0
		Retirement Value		Mains-Cast Iron 6"		\$3,839.70	2,329
		Retirement Value		Mains-Cast Iron 6"		\$280.66	135
		Retirement Value		Mains-Cast Iron 4"		\$29.29	13
		Retirement Value		Mains-Cast Iron 4"		\$41.95	30
		Retirement Value		Mains-Cast Iron 6"		\$3,515.46	491
		Retirement Value		Mains-Cast Iron 10"		\$4,353.23	1,428
		Retirement Value		Mains-Cast Iron 4"		\$42.99	30
		Retirement Value		Mains-Cast Iron 6"		\$29.34	12
		Retirement Value		Mains-Cast Iron 3"		\$81.75	76
		Retirement Value		Mains-Cast Iron 3"		\$43.71	48
		Retirement Value		Mains-Cast Iron 6"		\$48.76	20
		Stores		Mains-Cast Iron 6"		\$1,075.20	0
		Stores		Mains-Cast Iron 6"		\$226.60	0
<b>Retirement Total:</b>						<b>\$20,712.15</b>	<b>4,612</b>
376300-Mains - Plastic							
Addition							
		Contract Payroll		Mains-Plastic 2"		\$53,466.50	0
		Contract Payroll		Mains-Plastic 4"		\$305.55	0
		Contract Payroll		Mains-Plastic 4"		\$1,065.02	0
		Contract Payroll		Mains-Plastic 2"		\$41,993.11	0
		Contract Payroll		Mains-Plastic 4"		\$2,649.80	0
		Contract Payroll		Mains-Plastic 2"		\$2,271.26	0
		Contract Payroll		Mains-Plastic 2"		\$1,539.63	0
		Department Clearings		Mains-Plastic 2"		\$2,611.95	0
		Department Clearings		Mains-Plastic 2"		\$1,770.57	0
		Department Clearings		Mains-Plastic 4"		\$1,224.77	0
		Department Clearings		Mains-Plastic 4"		\$351.38	0
		Department Clearings		Mains-Plastic 4"		\$3,047.27	0
		Department Clearings		Mains-Plastic 2"		\$48,292.08	0
		Department Clearings		Mains-Plastic 2"		\$61,486.48	0
		Mechanical Equipment		Mains-Plastic 4"		\$1,225.53	0
		Mechanical Equipment		Mains-Plastic 4"		\$429.23	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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**Available for Unitization:**

Laclede-St. Louis City  
376300-Mains - Plastic

**Addition**

Mechanical Equipment	Mains-Plastic 2"					\$20,308.71	0
Mechanical Equipment	Mains-Plastic 4"					\$121.67	0
Mechanical Equipment	Mains-Plastic 2"					\$1,050.45	0
Mechanical Equipment	Mains-Plastic 2"					\$578.82	0
Mechanical Equipment	Mains-Plastic 2"					\$16,927.21	0
Overheads Capitalized - Benefits	Mains-Plastic 4"					\$2,689.55	0
Overheads Capitalized - Benefits	Mains-Plastic 4"					\$1,081.00	0
Overheads Capitalized - Benefits	Mains-Plastic 4"					\$310.13	0
Overheads Capitalized - Benefits	Mains-Plastic 2"					\$1,562.72	0
Overheads Capitalized - Benefits	Mains-Plastic 2"					\$42,623.01	0
Overheads Capitalized - Benefits	Mains-Plastic 2"					\$2,305.33	0
Overheads Capitalized - Benefits	Mains-Plastic 2"					\$54,268.50	0
Overheads Capitalized - General	Mains-Plastic 4"					\$511.33	0
Overheads Capitalized - General	Mains-Plastic 2"					\$22,450.20	0
Overheads Capitalized - General	Mains-Plastic 2"					\$41,362.19	0
Overheads Capitalized - General	Mains-Plastic 4"					\$1,275.49	0
Overheads Capitalized - General	Mains-Plastic 4"					\$107.31	0
Overheads Capitalized - General	Mains-Plastic 2"					\$858.38	0
Overheads Capitalized - General	Mains-Plastic 2"					\$5,255.52	0
Payroll Taxes	Mains-Plastic 4"					\$162.95	0
Payroll Taxes	Mains-Plastic 4"					\$46.75	0
Payroll Taxes	Mains-Plastic 2"					\$6,424.95	0
Payroll Taxes	Mains-Plastic 4"					\$405.42	0
Payroll Taxes	Mains-Plastic 2"					\$8,180.37	0
Payroll Taxes	Mains-Plastic 2"					\$235.56	0
Payroll Taxes	Mains-Plastic 2"					\$347.50	0
Stores	Mains-Plastic 2"					\$10,158.40	0
Stores	Mains-Plastic 2"					\$395.44	0
Stores	Mains-Plastic 4"					\$1,033.45	0
Stores	Mains-Plastic 4"					\$475.96	48
Stores	Mains-Plastic 2"					\$63,024.14	4,797
Stores	Mains-Plastic 4"					\$55.80	0
Stores	Mains-Plastic 2"					\$18,411.85	0

**Addition Total: \$548,736.19 4,845**

**Retirement**

Contract Payroll	Mains-Plastic 6"					\$100.49	0
Contract Payroll	Mains-Plastic 4"					\$103.21	0
Contract Payroll	Mains-Plastic 3"					\$103.21	0
Department Clearings	Mains-Plastic 6"					\$115.56	0
Department Clearings	Mains-Plastic 3"					\$118.69	0
Department Clearings	Mains-Plastic 4"					\$118.69	0
Mechanical Equipment	Mains-Plastic 6"					\$47.37	0
Mechanical Equipment	Mains-Plastic 4"					\$48.35	0
Mechanical Equipment	Mains-Plastic 3"					\$48.35	0

**Work Order Authorization Information**

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

Asset Location				
Utility Account				
Exp Type				
Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
<b>Available for Unitization:</b>				
Laclede-St. Louis City				
376300-Mains - Plastic				
Retirement				
Overheads Capitalized - Benefits	Mains-Plastic 4"		\$104.76	0
Overheads Capitalized - Benefits	Mains-Plastic 3"		\$104.76	0
Overheads Capitalized - Benefits	Mains,Plastic 6"		\$102.00	0
Overheads Capitalized - General	Mains-Plastic 4"		\$30.69	0
Overheads Capitalized - General	Mains-Plastic 6"		\$30.03	0
Overheads Capitalized - General	Mains-Plastic 3"		\$30.69	0
Payroll Taxes	Mains-Plastic 3"		\$15.79	0
Payroll Taxes	Mains-Plastic 6"		\$15.37	0
Payroll Taxes	Mains-Plastic 4"		\$15.79	0
Retirement Value	Mains-Plastic 4"		\$495.63	10
Retirement Value	Mains-Plastic 4"		\$13,546.28	394
Retirement Value	Mains-Plastic 6"		\$8,455.55	49
Retirement Value	Mains-Plastic 6"		\$148.05	10
Retirement Value	Mains-Plastic 4"		\$34,654.84	945
Retirement Value	Mains-Plastic 4"		\$2,425.30	22
Retirement Value	Mains-Plastic 6"		\$565.91	17
Retirement Value	Mains-Plastic 4"		\$5,775.04	174
Retirement Value	Mains-Plastic 6"		\$311.01	21
Retirement Value	Mains-Plastic 3"		\$941.11	34
Retirement Value	Mains-Plastic 6"		\$296.12	20
		<b>Retirement Total:</b>	<b>\$68,868.64</b>	<b>1,696</b>
380100-Services - Steel				
Retirement				
Contract Payroll	Services-Steel		\$135.80	0
Department Clearings	Services-Steel		\$156.17	0
Overheads Capitalized - Benefits	Services-Steel		\$137.84	0
Overheads Capitalized - General	Services-Steel		\$98.36	0
Payroll Taxes	Services-Steel		\$20.78	0
Retirement Value	Services-Steel		\$12.90	10
Retirement Value	Services-Steel		\$619.87	16
Retirement Value	Services-Steel		\$1,817.21	20
Retirement Value	Services-Steel		\$25.72	31
Retirement Value	Services-Steel		\$1,296.54	29
Retirement Value	Services-Steel		\$550.56	49
Retirement Value	Services-Steel		\$1,331.87	17
Retirement Value	Services-Steel		\$12.88	14
Retirement Value	Services-Steel		\$8.90	4
Retirement Value	Services-Steel		\$4.28	10
Retirement Value	Services-Steel		\$1,460.99	91
Retirement Value	Services-Steel		\$1,822.54	155
Retirement Value	Services-Steel		\$2,055.15	16
Retirement Value	Services-Steel		\$949.11	18
Retirement Value	Services-Steel		\$405.19	20
Retirement Value	Services-Steel		\$1,759.74	118



### Work Order Authorization Information

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

Asset Location				
Utility Account				
Exp Type				
Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
<b>Available for Unitization:</b>				
Laclede-St. Louis City				
380100-Services - Steel				
Retirement				
Retirement Value	Services-Steel		\$557.86	37
Retirement Value	Services-Steel		\$827.94	21
Stores	Services-Steel		\$184.64	0
<b>Retirement Total:</b>			<b>\$16,252.84</b>	<b>676</b>
380200-Services - Plastic & Copper				
Addition				
Contract Payroll	Services-Plastic		\$41,813.50	0
Department Clearings	Services-Plastic		\$48,085.53	0
Mechanical Equipment	Services-Plastic		\$15,386.47	0
Overheads Capitalized - Benefits	Services-Plastic		\$42,440.70	0
Overheads Capitalized - General	Services-Plastic		\$15,141.65	0
Payroll Taxes	Services-Plastic		\$6,397.47	0
Stores	Services-Plastic		\$9,852.08	362
<b>Addition Total:</b>			<b>\$179,117.40</b>	<b>362</b>
Retirement				
Contract Payroll	Services-Plastic		\$628.08	0
Department Clearings	Services-Plastic		\$722.29	0
Overheads Capitalized - Benefits	Services-Plastic		\$637.50	0
Overheads Capitalized - General	Services-Plastic		\$454.90	0
Payroll Taxes	Services-Plastic		\$96.10	0
Retirement Value	Services-Copper		\$1,057.35	201
Retirement Value	Services-Copper		\$299.15	95
Retirement Value	Services-Plastic		\$139.75	2
Retirement Value	Services-Plastic		\$4,853.01	86
Retirement Value	Services-Plastic		\$409.77	40
Retirement Value	Services-Plastic		\$341.49	5
Retirement Value	Services-Copper		\$88.89	9
Retirement Value	Services-Copper		\$119.80	17
Retirement Value	Services-Copper		\$298.96	68
Retirement Value	Services-Plastic		\$2,889.44	65
Retirement Value	Services-Copper		\$79.01	8
Retirement Value	Services-Plastic		\$222.52	2
Retirement Value	Services-Plastic		\$243.85	36
Retirement Value	Services-Copper		\$137.41	26
Retirement Value	Services-Copper		\$9.88	1
Retirement Value	Services-Plastic		\$2,071.33	70
Retirement Value	Services-Plastic		\$188.50	6
Retirement Value	Services-Plastic		\$1,627.52	71
Retirement Value	Services-Plastic		\$1,355.14	66
Retirement Value	Services-Copper		\$85.33	21
Retirement Value	Services-Plastic		\$10,696.64	363
Retirement Value	Services-Copper		\$1,310.50	386
Retirement Value	Services-Plastic		\$743.40	21
Retirement Value	Services-Plastic		\$461.16	35

**Work Order Authorization Information**

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

Asset Location  
Utility Account  
Exp Type

Est Charge Type	Retirement Unit	Job task	Dollars	Quantity	
<b>Available for Unitization:</b>					
Laclede-St. Louis City					
380200-Services - Plastic & Copper					
Retirement					
Retirement Value	Services-Plastic		\$440.33	43	
Retirement Value	Services-Plastic		\$189.31	6	
Retirement Value	Services-Plastic		\$332.75	8	
Retirement Value	Services-Plastic		\$758.08	74	
Retirement Value	Services-Plastic		\$9,712.23	145	
Retirement Value	Services-Plastic		\$678.82	10	
Retirement Value	Services-Plastic		\$344.00	8	
Retirement Value	Services-Plastic		\$65.52	8	
Retirement Value	Services-Plastic		\$461.16	35	
Retirement Value	Services-Copper		\$55.69	17	
Retirement Value	Services-Plastic		\$3,361.12	202	
Retirement Value	Services-Plastic		\$965.71	24	
Retirement Value	Services-Plastic		\$375.50	10	
Retirement Value	Services-Copper		\$190.67	45	
Retirement Value	Services-Plastic		\$5,292.60	94	
Retirement Value	Services-Plastic		\$1,029.77	22	
Retirement Value	Services-Copper		\$255.29	41	
Retirement Value	Services-Copper		\$9.88	1	
Retirement Value	Services-Plastic		\$172.76	9	
Retirement Value	Services-Plastic		\$65.61	8	
Retirement Value	Services-Plastic		\$4,682.21	137	
Retirement Value	Services-Plastic		\$2,608.90	77	
Stores	Services-Plastic		\$853.96	0	
<b>Retirement Total:</b>			<b>\$65,170.54</b>	<b>2,724</b>	
<b>Location Total:</b>		<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>
		\$727,853.59	5,207	\$196,692.35	10,161
<b>Available for Unitization:</b>		<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>
		\$727,853.59	5,207	\$196,692.35	10,161
<b>Unit Estimate Total:</b>		<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>
		\$727,853.59	5,207	\$196,692.35	10,161

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

Business Segment	GL Account	Activity		Retire Qty	Retirement Amount
Asset Location	Utility Account	Vintage	Code		
Retirement Unit	Asset Description				
<b>Posted Retirements:</b>					
Missouri East	101000::Gas Plant in Service				
Laclede-St. Louis City					
376100-Mains - Steel					
OCR	Mains-Steel 10"	1952	URET	25	\$311.40
	Mains-Steel 12"				

OCR

Work Order Authorization Information

2005 URET

33

\$6,084.57

Mains-Steel 4"

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

Business Segment	GL Account			
Asset Location				
Utility Account				
Retirement Unit				
OCR Description	Vintage	Activity Code	Retire Qty	Retirement Amount
OCR		URET	30	\$0.00
OCR		URET	10	\$0.00
OCR	1969	URET	10	\$94.65
OCR	1979	URET	30	\$1,833.52
OCR	1979	URET	30	\$1,833.52
OCR		URET	35	\$0.00
OCR		URET	200	\$0.00
OCR		URET	39	\$0.00

Mains-Steel 6"

Work Order Authorization Information

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

Business Segment	GL Account				
Asset Location					
Utility Account		1963	URET	200	\$2,323.07
Retirement Unit			Activity		
Asset Description		Vintage	Code	Retire Qty	Retirement Amount
OCR		1969	URET	39	\$552.58
OCR		1979	URET	45	\$1,453.10
OCR		2005	URET	41	\$7,435.68
		<b>Utility Account Total:</b>		<b>797</b>	<b>\$21,922.09</b>
376200-Mains - Cast Iron					
Mains-Cast Iron 10"					
OCR		1906	URET	1,428	\$4,353.23
Mains-Cast Iron 3"					
OCR			URET	48	\$0.00
OCR			URET	45	\$0.00
OCR		1906	URET	76	\$81.75
OCR		1908	URET	48	\$43.71
Mains-Cast Iron 4"					

Work Order Authorization Information

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

Business Segment	GL Account	URET	30	\$0.00
Asset Location		URET		
Utility Account				
Retirement Unit		Activity	Retire Qty	Retirement Amount
Asset Description	Vintage	Code		
OCR		1906 URET	30	\$41.95
OCR		1912 URET	30	\$42.99
OCR	Mains-Cast Iron 6"	1928 URET	13	\$29.29
OCR		URET	491	\$0.00
OCR		URET	20	\$0.00
OCR		URET	12	\$0.00
OCR		URET	2,333	\$0.00
OCR		URET	178	\$0.00
OCR		URET	76	\$0.00

**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
<b>Posted Retirements:</b>					
<b>Missouri East</b>	<b>101000::Gas Plant in Service</b>				
Laclede-St. Louis City					
376200-Mains - Cast Iron					
Mains-Cast Iron 6"					
OCR		1906	URET	135	\$280.66
OCR		1912	URET	2,329	\$3,839.70
OCR		1927	URET	12	\$29.34
OCR		1936	URET	20	\$48.76
OCR		1951	URET	491	\$3,515.46
		<b>Utility Account Total:</b>		<b>7,858</b>	<b>\$12,306.84</b>
376300-Mains - Plastic					
Mains-Plastic 3"					
OCR		1982	URET	34	\$941.11
Mains-Plastic 4"					
OCR			URET	174	\$0.00
OCR			URET	12	\$0.00
OCR			URET	96	\$0.00
OCR			URET	10	\$0.00
OCR		1979	URET	394	\$13,546.28
OCR		1980	URET	945	\$34,654.84
OCR		1983	URET	174	\$5,775.04
OCR		1985	URET	10	\$495.63
OCR		2008	URET	22	\$2,425.30
Mains-Plastic 6"					
OCR			URET	17	\$0.00
OCR			URET	10	\$0.00
OCR			URET	10	\$0.00
OCR			URET	20	\$0.00
OCR		1980	URET	20	\$296.12
OCR		1981	URET	10	\$148.05
OCR		1983	URET	21	\$311.01
OCR		1985	URET	17	\$565.91
OCR		2005	URET	49	\$8,455.55
		<b>Utility Account Total:</b>		<b>2,045</b>	<b>\$67,614.84</b>
380100-Services - Steel					
Services-Steel					
OCR		1923	URET	10	\$4.28
OCR		1928	URET	31	\$25.72
OCR		1929	URET	14	\$12.88
OCR		1941	URET	10	\$12.90
OCR		1946	URET	4	\$8.90
OCR		1964	URET	49	\$550.56
OCR		1966	URET	155	\$1,822.54
OCR		1968	URET	91	\$1,460.99
OCR		1969	URET	118	\$1,759.74
OCR		1971	URET	37	\$557.86
OCR		1972	URET	20	\$405.19
OCR		1977	URET	16	\$619.87
OCR		1980	URET	21	\$827.94
OCR		1981	URET	29	\$1,296.54

### Work Order Authorization Information

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

Business Segment	GL Account				
Asset Location					
Utility Account					
Retirement Unit		Activity			
Asset Description		Vintage	Code	Retire Qty	Retirement Amount
<b>Posted Retirements:</b>					
<b>Missouri East</b>	<b>101000::Gas Plant in Service</b>				
Laclede-St. Louis City					
380100-Services - Steel					
Services-Steel					
OCR		1983	URET	18	\$949.11
OCR		1985	URET	17	\$1,331.87
OCR		1987	URET	20	\$1,817.21
OCR		1989	URET	16	\$2,055.15
		<b>Utility Account Total:</b>		<b>676</b>	<b>\$15,519.25</b>
380200-Services - Plastic & Copper					
Services-Copper					
OCR		1953	URET	386	\$1,310.50
OCR		1957	URET	21	\$85.33
OCR		1959	URET	95	\$299.15
OCR		1961	URET	17	\$55.69
OCR		1963	URET	68	\$298.96
OCR		1964	URET	45	\$190.67
OCR		1966	URET	201	\$1,057.35
OCR		1968	URET	26	\$137.41
OCR		1970	URET	41	\$255.29
OCR		1971	URET	17	\$119.80
OCR		1973	URET	1	\$9.88
OCR		1973	URET	8	\$79.01
OCR		1973	URET	9	\$88.89
OCR		1973	URET	1	\$9.88
Services-Plastic					
OCR		1972	URET	36	\$243.85
OCR		1973	URET	8	\$65.61
OCR		1974	URET	8	\$65.52
OCR		1975	URET	74	\$758.08
OCR		1976	URET	43	\$440.33
OCR		1977	URET	35	\$461.16
OCR		1977	URET	35	\$461.16
OCR		1978	URET	202	\$3,361.12
OCR		1979	URET	9	\$172.76
OCR		1980	URET	66	\$1,355.14
OCR		1981	URET	71	\$1,627.52
OCR		1983	URET	363	\$10,696.64
OCR		1984	URET	77	\$2,608.90
OCR		1985	URET	137	\$4,682.21
OCR		1986	URET	6	\$189.31
OCR		1987	URET	70	\$2,071.33
OCR		1989	URET	24	\$965.71
OCR		1991	URET	21	\$743.40
OCR		1992	URET	6	\$188.50
OCR		1996	URET	10	\$375.50
OCR		1997	URET	8	\$344.00
OCR		1998	URET	86	\$4,853.01
OCR		2002	URET	65	\$2,889.44
OCR		2003	URET	8	\$332.75

**Work Order Authorization Information**

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

Business Segment	GL Account				
Asset Location					
Utility Account					
Retirement Unit		Activity			
Asset Description		Vintage	Code	Retire Qty	Retirement Amount
<b>Posted Retirements:</b>					
Missouri East	101000::Gas Plant in Service				
Laclede-St. Louis City					
380200-Services - Plastic & Copper					
Services-Plastic					
OCR		2004	URET	2	\$139.75
OCR		2006	URET	145	\$9,712.23
OCR		2007	URET	10	\$678.82
OCR		2008	URET	22	\$1,029.77
OCR		2014	URET	2	\$222.52
OCR		2015	URET	5	\$341.49
OCR		2017	URET	94	\$5,292.60
SERVICES PLS CI		1975	URET	40	\$409.77
		<b>Utility Account Total:</b>		<b>2,724</b>	<b>\$61,777.71</b>
		<b>Location Total:</b>		<b>14,100</b>	<b>\$179,140.73</b>
		<b>GL Account Total:</b>		<b>14,100</b>	<b>\$179,140.73</b>
		<b>Posted Retirements:</b>		<b>14,100</b>	<b>\$179,140.73</b>
		<b>Work Order Total:</b>		<b>14,100</b>	<b>\$179,140.73</b>