

Schedule WES – R1

Work Order Authorization Information

Header Detail

<p>Work Order: 901385</p> <p>Work Order Title: Repl w/ 1150F 8S Schwartz MN</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3303M</p> <p>Funding Project Desc: Replacement of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 1,150 feet of 8ST FP main on easement west of the Schwartz Takepoint in Farmington. Abandon 1,150 feet of 6ST FP and 1,150 feet of 3ST FP main at the same location.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p> <p>Estimated Start Date: Mar 01, 2016</p> <p>Notes: Replacement is required due to corrosion.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Replacement of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Aug 31, 2016</p> <p>Estimated In-Service Date: Aug 31, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	3/15/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/11/2016
VP Field Operations	Goodson, Timothy	\$500,000	4/11/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$170,228.97	\$10,065.89	\$180,294.86	\$0.00	\$0.00
Total Estimated Costs:	\$170,228.97	\$10,065.89	\$180,294.86	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901439</p> <p>Work Order Title: Rel w/ 1385F 6P Droste Rd</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 1385 Ft of 6in PLIP Main and 330 Ft of 2in PLIP on Droste Road between Glenco Dr and Charbo Dr. Abandon 1395 Ft of 6in STIP, 259 Ft of 4in STIP, 22 Ft of 2in STIP and 25 Ft of 2in PLIP main.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Aug 08, 2016 **Estimated Completion Date:** Sep 30, 2016 **Estimated In-Service Date:** Sep 30, 2016

Notes: Relocation is due to roadway improvements to Droste Rd by St. Charles County.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	7/7/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/12/2016
VP Field Operations	Goodson, Timothy	\$500,000	7/18/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$71,247.11	\$71,247.11	\$0.00	\$0.00
376300-Mains - Plastic	\$263,454.90	\$1,959.32	\$265,414.22	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$23,781.62	\$0.00	\$23,781.62	\$0.00	\$0.00
Total Estimated Costs:	\$287,236.52	\$73,206.43	\$360,442.95	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901440</p> <p>Work Order Title: Repl w/ 1500F 4P Deer Run MN</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3303M</p> <p>Funding Project Desc: Replacement of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 1,500 feet of 4" PL IP main on South Deer Run Trail in Fredricktown. Abandon 1,500 feet of 4" ST IP main at the same location.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Replacement of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Apr 04, 2016 **Estimated Completion Date:** Sep 30, 2016 **Estimated In-Service Date:** Sep 30, 2016

Notes: Replacement is required due to **corrosion.** This work order is 100% ISRS

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	4/7/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/11/2016
VP Field Operations	Goodson, Timothy	\$500,000	4/11/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,451.97	\$1,451.97	\$9,559.91	\$0.00
376300-Mains - Plastic	\$119,146.73	\$0.00	\$119,146.73	\$0.00	\$0.00
Total Estimated Costs:	\$119,146.73	\$1,451.97	\$120,598.70	\$9,559.91	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901450</p> <p>Work Order Title: Repl w/ 750F 2P Woodrow MN</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3303M</p> <p>Funding Project Desc: Replacement of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 750 Ft. of 2" PL IP main on Woodrow Ave north of Sunnyside St in Festus. Abandon 770 Ft. of 2" ST IP main at the same location.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Replacement of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
<p>Estimated Start Date: May 09, 2016 Estimated Completion Date: May 27, 2016 Estimated In-Service Date: May 27, 2016</p> <p>Notes: Replacement is required due to corrosion.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	4/22/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/28/2016
VP Field Operations	Goodson, Timothy	\$500,000	4/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,264.10	\$3,264.10	\$0.00	\$0.00
376300-Mains - Plastic	\$26,172.53	\$0.00	\$26,172.53	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$43,309.81	\$0.00	\$43,309.81	\$0.00	\$0.00
Total Estimated Costs:	\$69,482.34	\$3,264.10	\$72,746.44	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901452</p> <p>Work Order Title: Rel w/ 285F 2P Delord Ave</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 285 Ft of 2in PL IP main on Delord Ave north of Dorsett Rd. Abandon 225 Ft of 2in ST IP and 99 Ft of 2in PL IP main at the above locations.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Sep 01, 2016 **Estimated Completion Date:** Sep 29, 2016 **Estimated In-Service Date:** Sep 29, 2016

Notes: Relocations are required due to conflicts with the Delord Ave civic improvement project by Maryland Heights. This project is 100% ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	8/25/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/30/2016
VP Field Operations	Goodson, Timothy	\$500,000	8/30/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,127.07	\$3,127.07	\$0.00	\$0.00
376300-Mains - Plastic	\$13,740.04	\$3,472.97	\$17,213.01	\$0.00	\$0.00
Total Estimated Costs:	\$13,740.04	\$6,600.04	\$20,340.08	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901456</p> <p>Work Order Title: Repl w/ 920F 2P Fite MN</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3303M</p> <p>Funding Project Desc: Replacement of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 920 Ft. of 2" PL IP main on Fite St between St. Joseph St and Jane St and 200 Ft. of 2" PL IP main in alley north of Jane St in Bonne Terre. Abandon 845 Ft. of 2" ST IP (installed 1952) and 140 Ft. of 1-1/4" ST IP.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Replacement of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jul 04, 2016 **Estimated Completion Date:** Aug 12, 2016 **Estimated In-Service Date:** Aug 12, 2016

Notes: Replacement is required due to corrosion. This work order is 100% ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	4/22/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/28/2016
VP Field Operations	Goodson, Timothy	\$500,000	4/29/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,761.03	\$5,761.03	\$0.00	\$0.00
376300-Mains - Plastic	\$46,128.22	\$0.00	\$46,128.22	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$126.67	\$126.67	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$28,245.52	\$0.00	\$28,245.52	\$0.00	\$0.00
Total Estimated Costs:	\$74,373.74	\$5,887.70	\$80,261.44	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901481</p> <p>Work Order Title: Rel w/ 30F 4S Fee Fee</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 30' 4S main on Dunlap Industrial Drive east of Fee Fee Rd. Abandon 15' 4S main and 15' 2S main at the same location. Aband 40F 3P at the south-east corner of Fee Fee Rd and Schuetz Rd. Install 35F 3P at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Oct 24, 2016 **Estimated Completion Date:** Nov 30, 2016 **Estimated In-Service Date:** Nov 30, 2016

Notes: Relocations are due to roadway improvements by the City of Maryland Heights. Work Order is 100% ISRS recoverable

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	9/15/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	9/20/2016
VP Field Operations	Goodson, Timothy	\$500,000	9/21/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$22,426.02	\$6,829.09	\$29,255.11	\$0.00	\$0.00
376300-Mains - Plastic	\$3,675.96	\$4,583.99	\$8,259.95	\$0.00	\$0.00
Total Estimated Costs:	\$26,101.98	\$11,413.08	\$37,515.06	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901488</p> <p>Work Order Title: Rel w/ 16F 6S W Watson Culvert</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 16 Ft. of 6" ST IP main on W Watson east of Robyn Rd. Abandon 5 Ft. of 6" ST IP main (installed 1967) at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jun 15, 2016 Estimated Completion Date: Jul 29, 2016 Estimated In-Service Date: Jul 29, 2016</p> <p>Notes: Relocation is required due to conflict with storm sewer.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	6/10/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	6/20/2016
VP Field Operations	Goodson, Timothy	\$500,000	6/21/2016

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$30,755.98	\$8,042.77	\$38,798.75	\$0.00	\$0.00
Total Estimated Costs:	\$30,755.98	\$8,042.77	\$38,798.75	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901529</p> <p>Work Order Title: Repl w/ 2750F 4P 14th St</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3303M</p> <p>Funding Project Desc: Replacement of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 2,750 Ft. of 4" PL IP main and 50 Ft. of 2" PL IP main on 14th St between Davis St and Seifert Dr in Poplar Bluff. Abandon 2,750 Ft. of 4" ST IP and 142 Ft. of 2" ST IP main at the same location.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p> <p>Estimated Start Date: Aug 01, 2016</p> <p>Notes: Replacement is required due to corrosion. This work order is 100% ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Replacement of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Sep 30, 2016</p> <p>Estimated In-Service Date: Sep 30, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Feldman, Keri	\$0	8/4/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/9/2016
VP Field Operations	Goodson, Timothy	\$500,000	8/10/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,744.02	\$5,744.02	\$0.00	\$0.00
376300-Mains - Plastic	\$155,393.51	\$0.00	\$155,393.51	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$41.80	\$41.80	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$48,958.91	\$0.00	\$48,958.91	\$0.00	\$0.00
Total Estimated Costs:	\$204,352.42	\$5,785.82	\$210,138.24	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901569</p> <p>Work Order Title: Rel w/ 230F 2P Musick</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 230 Ft. of 2in PL IP main on Musick Rd and Ashland Ct. Abandon 275 Ft. of 4in ST IP main and 204 Ft. of 2in' ST IP main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
<p>Estimated Start Date: Feb 01, 2017 Estimated Completion Date: Mar 31, 2017 Estimated In-Service Date: Mar 31, 2017</p> <p>Notes: Relocation is required due to grading associated with road improvements by St. Louis County. Work is non-reimbursable, ISRS recoverable.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	11/30/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	12/6/2016
VP Field Operations	Goodson, Timothy	\$500,000	12/6/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$28,436.18	\$28,436.18	\$0.00	\$0.00
376300-Mains - Plastic	\$14,997.72	\$0.00	\$14,997.72	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,325.93	\$0.00	\$1,325.93	\$0.00	\$0.00
Total Estimated Costs:	\$16,323.65	\$28,436.18	\$44,759.83	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901581</p> <p>Work Order Title: Rel w/ 264F 4P Denmark Ph2</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 264 Ft. of 4" PL IP main on Denmark Rd east of St. Andrews Dr in Union. Abandon 241 Ft. of 4" PL IP main at the same location.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Franklin</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
<p>Estimated Start Date: Feb 01, 2017 Estimated Completion Date: Apr 28, 2017 Estimated In-Service Date: Apr 28, 2017</p> <p>Notes: Relocation is required due to conflicts with road improvements by the City of Union. Work is non-reimbursable, ISRS recoverable.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	11/15/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	11/17/2016
VP Field Operations	Goodson, Timothy	\$500,000	11/17/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$25,926.33	\$5,855.79	\$31,782.12	\$0.00	\$0.00
Total Estimated Costs:	\$25,926.33	\$5,855.79	\$31,782.12	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901605</p> <p>Work Order Title: Rel w/ 55F 6P Henry</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 55 Ft. of 6" PL IP main on Henry Ave. Abandon 55 Ft. of 6" ST IP main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Nov 14, 2016 **Estimated Completion Date:** Nov 30, 2016 **Estimated In-Service Date:** Nov 30, 2016

Notes: Relocation is required due to conflicts with road improvements by City of Manchester. Work is non-reimbursable, ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	11/15/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	11/17/2016
VP Field Operations	Goodson, Timothy	\$500,000	11/17/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$10,874.77	\$10,874.77	\$0.00	\$0.00
376300-Mains - Plastic	\$26,278.55	\$0.00	\$26,278.55	\$0.00	\$0.00
Total Estimated Costs:	\$26,278.55	\$10,874.77	\$37,153.32	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901629</p> <p>Work Order Title: Rel w/ 285F 4P Musick Rd Bridge</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 285 Ft. of 4-inch PL IP main on Musick Rd south of Meath Dr. Abandon 255 Ft. of 4-inch ST IP main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p> <p>Estimated Start Date: Apr 01, 2017</p> <p>Notes: Relocation is required due to bridge replacement by St. Louis County. Work is non-reimbursable, ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jun 30, 2017</p> <p>Estimated In-Service Date: Jun 30, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	1/26/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	2/6/2017
VP Field Operations	Goodson, Timothy	\$500,000	2/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,099.27	\$2,099.27	\$0.00	\$0.00
376300-Mains - Plastic	\$22,982.81	\$0.00	\$22,982.81	\$0.00	\$0.00
Total Estimated Costs:	\$22,982.81	\$2,099.27	\$25,082.08	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901686</p> <p>Work Order Title: Rel w/ 480F 4S Horine Road</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 480 Ft. of 4" ST HP main on Horine Rd in Festus. Abandon 380 Ft. of 4" ST HP main at the same location.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p> <p>Estimated Start Date: Nov 07, 2016</p> <p>Notes: Relocation is required due to conflicts with road improvements by the City of Festus. Work is non-reimbursable,</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jan 31, 2017</p> <p>Estimated In-Service Date: Jan 31, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	11/4/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	11/8/2016
VP Field Operations	Goodson, Timothy	\$500,000	11/8/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$71,617.25	\$4,371.34	\$75,988.59	\$0.00	\$0.00
Total Estimated Costs:	\$71,617.25	\$4,371.34	\$75,988.59	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901699</p> <p>Work Order Title: Rel w/3047F 2P Sublette&Arsenal AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 3047Ft 2in PL MP. Abandon 1212Ft 8in CI LP and 1708Ft 6in CI LP. Service Renewals = 62. Service Abandons = 4.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Jan 02, 2017 Estimated Completion Date: Feb 01, 2017</p> <p>Notes: Main is being replaced due to being placed into an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated In-Service Date: Feb 01, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	1/6/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	1/12/2017
VP Field Operations	Goodson, Timothy	\$500,000	1/13/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,425.48	\$5,425.48	\$0.00	\$0.00
376300-Mains - Plastic	\$291,247.45	\$0.00	\$291,247.45	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$530.52	\$530.52	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$98,730.41	\$2,210.54	\$100,940.95	\$0.00	\$0.00
Total Estimated Costs:	\$389,977.86	\$8,166.54	\$398,144.40	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901766</p> <p>Work Order Title: Aband 100F 2S 6th Street MN</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 100 Ft. of 2" ST IP main on 6th Street in Park Hills.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p> <p>Estimated Start Date: Jan 02, 2017 Estimated Completion Date: Feb 01, 2017 Estimated In-Service Date: Feb 01, 2017</p> <p>Notes: Main requires replacement due to corrosion and is exposed over stream crossing. Not reimbursable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	12/8/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	12/8/2016
VP Field Operations	Goodson, Timothy	\$500,000	12/8/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,528.49	\$5,528.49	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$5,528.49	\$5,528.49	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901777</p> <p>Work Order Title: Rel w/ 300F 6P Rock Hill Rd Bridge</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 300 Ft. of 6" PL IP main on Rock Hill Rd. Abandon 280 Ft. of 6" ST IP main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p> <p>Estimated Start Date: Apr 01, 2017 Estimated Completion Date: Jun 30, 2017 Estimated In-Service Date: Jun 30, 2017</p> <p>Notes: Relocation is required due to conflict with bridge replacement by the City of Webster Groves. Work is non-reimbursable</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	7/19/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/19/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	7/20/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$14,206.95	\$14,206.95	\$0.00	\$0.00
376300-Mains - Plastic	\$91,428.85	\$0.00	\$91,428.85	\$0.00	\$0.00
Total Estimated Costs:	\$91,428.85	\$14,206.95	\$105,635.80	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901785</p> <p>Work Order Title: Repl w/ 60F 2P Shrewsbury Svc Ctr</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3303L</p> <p>Funding Project Desc: Replacement of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: System Integrity</p> <p>WO Description: Install 60Ft 2in PL IP. Abandon 315Ft 12in ST IP. Total Service Renew = 2.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p> <p>Estimated Start Date: May 15, 2017 Estimated Completion Date: Jun 14, 2017 Estimated In-Service Date: Jun 14, 2017</p> <p>Notes: This project is ISRS recoverable due to deteriorating main that caused a leak.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Replacement of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	5/18/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	5/22/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	5/23/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$133.16	\$133.16	\$0.00	\$0.00
376300-Mains - Plastic	\$15,205.28	\$0.00	\$15,205.28	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$2,321.87	\$1,331.76	\$3,653.63	\$0.00	\$0.00
Total Estimated Costs:	\$17,527.15	\$1,464.92	\$18,992.07	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901798</p> <p>Work Order Title: Rel w/ 240F 2S First Capitol Dr</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 240 Ft of 2in STIP main on First Capitol Drive between 5th St and 2nd St. Abandon 175 Ft of 2in STIP main at the above location.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: Feb 14, 2017</p> <p>Notes: Relocation due to city street scape project. 100% ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Mar 01, 2017</p> <p>Estimated In-Service Date: Mar 01, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	2/17/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	2/21/2017
VP Field Operations	Goodson, Timothy	\$500,000	3/8/2017

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$66,082.39	\$15,672.83	\$81,755.22	\$0.00	\$0.00
Total Estimated Costs:	\$66,082.39	\$15,672.83	\$81,755.22	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901811</p> <p>Work Order Title: Rel w/ 140F 2-4P 3rd St</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 60 Ft of 2in PLIP main at 3rd St north of Emmons Ave, and 80 Ft of 4in PLIP main at 2106 Main St. Abandon 40 Ft of 2in PLIP and 60 Ft of PLIP at the above location.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Mar 30, 2017 **Estimated Completion Date:** Apr 27, 2017 **Estimated In-Service Date:** Apr 27, 2017

Notes: Relocation required due to St. Charles City storm sewer project. Work Order is 100% ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	3/17/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	3/20/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	3/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$13,414.32	\$5,977.79	\$19,392.11	\$0.00	\$0.00
Total Estimated Costs:	\$13,414.32	\$5,977.79	\$19,392.11	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901828</p> <p>Work Order Title: Rel w/ 314F 6P Lackland Bridge</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Abandon approx. 271 Ft. of 6in ST IP Main at the above location and Install approx. 314 Ft. of 6in PL IP Main on Lackland Rd..</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p> <p>Estimated Start Date: Jun 15, 2017 Estimated Completion Date: Jul 17, 2017 Estimated In-Service Date: Jul 17, 2017</p> <p>Notes: This main is being relocated for replacement of a bridge on Lackland Rd in Maryland Heights by the STL County Transportation Public Works. This project is not reimbursable, but is ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	3/29/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/5/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	4/6/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$23,103.66	\$23,103.66	\$0.00	\$0.00
376300-Mains - Plastic	\$47,182.87	\$0.00	\$47,182.87	\$0.00	\$0.00
Total Estimated Costs:	\$47,182.87	\$23,103.66	\$70,286.53	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901834</p> <p>Work Order Title: Rel w/ 159F 2P Fanning Ave</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install approx. 159 Ft. of 2in PL IP Main on Fanning Ave and OFallon Ave. Abandon approx. 168 Ft. of 2in ST IP Main at the above locations.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: May 02, 2016</p> <p>Notes: This main is being relocated for drainage improvements by the City of O'Fallon. This project is not reimbursable, but is ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: May 12, 2017</p> <p>Estimated In-Service Date: May 12, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	4/11/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/21/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	4/21/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$928.24	\$928.24	\$0.00	\$0.00
376300-Mains - Plastic	\$17,249.16	\$0.00	\$17,249.16	\$0.00	\$0.00
Total Estimated Costs:	\$17,249.16	\$928.24	\$18,177.40	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901836</p> <p>Work Order Title: Rel w/354F 4P CreveCoeurMillBridge</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install approx. 354 Ft of 4in PL IP Main on Creve Coeur Mill Rd and abandon approx. 106 Ft of 4in ST IP Main and 263 Ft of 4in PL IP at the above location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Apr 17, 2017 **Estimated Completion Date:** May 15, 2017 **Estimated In-Service Date:** May 15, 2017

Notes: This main is being relocated for replacement of a bridge on Creve Coeur Mill Rd in Creve Coeur by the STL County Transportation Public Works. This project is not reimbursable, but is ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	4/19/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/21/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	4/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,600.65	\$5,600.65	\$0.00	\$0.00
376300-Mains - Plastic	\$25,757.32	\$2,406.42	\$28,163.74	\$0.00	\$0.00
Total Estimated Costs:	\$25,757.32	\$8,007.07	\$33,764.39	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901845</p> <p>Work Order Title: Rel w/ 570F 2P Wabash Ave</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 570 Ft of 2in PLIP Main on E Wabash St east of Ronnie Dr. Abandon 495 Ft of 2in PLIP Main at the same location.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: May 01, 2017</p> <p>Notes: Relocation due to conflict with proposed storm sewers. 100% ISRS recoverable</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: May 31, 2017</p> <p>Estimated In-Service Date: May 31, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	5/25/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	6/8/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	6/9/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$19,966.47	\$4,448.72	\$24,415.19	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,427.89	\$88.64	\$1,516.53	\$0.00	\$0.00
Total Estimated Costs:	\$21,394.36	\$4,537.36	\$25,931.72	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901849</p> <p>Work Order Title: Rel w/ 840F 2P Main St Valley Park</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 840 Ft. of 2-inch PL IP main on Main St between Vance Rd and Plainview Ave in Valley Park. Abandon 825 Ft. of 2-inch ST IP main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Apr 15, 2017 **Estimated Completion Date:** Apr 28, 2017 **Estimated In-Service Date:** Apr 28, 2017

Notes: Relocation is required due to conflicts with road improvements by the City of Valley Park. Service work: 3 transfers. Work is non-reimbursable, ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	4/4/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/5/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	4/6/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,770.79	\$2,770.79	\$0.00	\$0.00
376300-Mains - Plastic	\$27,874.32	\$0.00	\$27,874.32	\$0.00	\$0.00
Total Estimated Costs:	\$27,874.32	\$2,770.79	\$30,645.11	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901864</p> <p>Work Order Title: Rel w/ 30F 3P Illinois AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 30 Ft of 3 in PL LP main on Illinois Ave. Abandon 30Ft of 4in CI LP main on Illinois Ave. Service Renew = 1; Service Abandon = 1.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jul 10, 2017 **Estimated Completion Date:** Jul 17, 2017 **Estimated In-Service Date:** Jul 17, 2017

Notes: This main is being abandoned due to being placed into an **Angle of Repose**

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	6/16/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	6/22/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	6/22/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$4,179.60	\$4,179.60	\$0.00	\$0.00
376300-Mains - Plastic	\$11,927.80	\$0.00	\$11,927.80	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,161.50	\$44.29	\$1,205.79	\$0.00	\$0.00
Total Estimated Costs:	\$13,089.30	\$4,223.89	\$17,313.19	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901894</p> <p>Work Order Title: Rel w/ 27F 2P Shaw</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 27 Ft. of 2-inch PL IP main at Shaw Blvd and 39th St. Abandon 396 ft. of 6-inch ST MP main on Thurman Ave between Lafayette Ave and De Tonty St. Uprate 2,133 Ft. of 2-inch PL MP on Shaw Blvd and 459 Ft. of</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Estimated Start Date: Nov 01, 2017 **Estimated Completion Date:** Dec 31, 2017 **Estimated In-Service Date:** Dec 31, 2017

Notes: Relocation is required due to conflicts with bridge improvements by MODOT. Work is non-reimbursable. 100 percent ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/9/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/15/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	8/16/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,219.68	\$2,219.68	\$0.00	\$0.00
376300-Mains - Plastic	\$12,239.15	\$0.00	\$12,239.15	\$0.00	\$0.00
Total Estimated Costs:	\$12,239.15	\$2,219.68	\$14,458.83	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901899</p> <p>Work Order Title: Rel w/ 630F 2P Provenchere AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 630Ft of 2in PL IP main. Abandon 631Ft of 4in CI LP. Service Renewal = 14; Service Abandon = 2. 1940 Provenchere SR #4611283</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Aug 03, 2017 **Estimated Completion Date:** Aug 30, 2017 **Estimated In-Service Date:** Aug 30, 2017

Notes: This main is being abandoned due to being placed into an **Angle of Repose**

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	6/8/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	6/8/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	6/9/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$3,788.81	\$3,788.81	\$0.00	\$0.00
376300-Mains - Plastic	\$54,193.52	\$0.00	\$54,193.52	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$16,263.93	\$619.95	\$16,883.88	\$0.00	\$0.00
Total Estimated Costs:	\$70,457.45	\$4,408.76	\$74,866.21	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901934</p> <p>Work Order Title: Rel w/ 695F 6P Ladue Rd</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 695 Ft of 6in PLIP main on Ladue Rd east of New Ballas Rd. Abandon 700 Ft of 6in STIP main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p> <p>Estimated Start Date: May 15, 2017</p> <p>Notes: Relocation is due to work by the City of Creve Coeur to repair a landslide along Ladue Rd. Work is 100% ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jun 30, 2017</p> <p>Estimated In-Service Date: Jun 30, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	5/15/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	5/16/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	5/16/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$73,075.39	\$73,075.39	\$0.00	\$0.00
376300-Mains - Plastic	\$54,509.18	\$0.00	\$54,509.18	\$0.00	\$0.00
Total Estimated Costs:	\$54,509.18	\$73,075.39	\$127,584.57	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901935</p> <p>Work Order Title: Rel w/ 550F2PJeffersonValleyPark Ph3</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 550 Ft. of 2-inch PL IP main on Jefferson Ave, Quinwood Ave, and Boyd Ave in Valley Park. Abandon 500 Ft. of 2-inch ST IP and 50 Ft. of 2-inch PL IP main at the same locations.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Estimated Start Date: May 22, 2017 **Estimated Completion Date:** Jun 30, 2017 **Estimated In-Service Date:** Jun 30, 2017

Notes: Transfer 6 services. Relocation is required due to conflicts with road improvements by the City of Valley Park. Work is non-reimbursable and ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	5/22/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	5/22/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	5/23/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,846.20	\$3,846.20	\$0.00	\$0.00
376300-Mains - Plastic	\$32,957.93	\$403.23	\$33,361.16	\$0.00	\$0.00
Total Estimated Costs:	\$32,957.93	\$4,249.43	\$37,207.36	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901951</p> <p>Work Order Title: Rel w/ 16F 4S Shepard St</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Relocate approximately 16 Ft of 4-inch and aband 8Ft of 4" stl main located inside a sewer man hole on Shepard St in Bonne Terre.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p> <p>Estimated Start Date: Jul 03, 2017</p> <p>Notes: The manhole was discovered during a street resurfacing project. This is not reimbursable but is ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jul 10, 2017</p> <p>Estimated In-Service Date: Jul 10, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	6/30/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/4/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	7/5/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$17,769.81	\$1,988.74	\$19,758.55	\$0.00	\$0.00
Total Estimated Costs:	\$17,769.81	\$1,988.74	\$19,758.55	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901954</p> <p>Work Order Title: Rel w/ 23F 2S Chestnut Desloge</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 23 Ft. of 2-inch SIP main on E Chestnut St in Desloge and abandon 8 Ft. of 2-inch SIP (installed 1958). Required due to conflicts with sewer improvements by the City of Desloge. Work is non-reimbursable but is ISRS</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
<p>Estimated Start Date: Jul 17, 2017 Estimated Completion Date: Jul 31, 2017 Estimated In-Service Date: Jul 31, 2017</p> <p>Notes: Relocation is required due to conflicts with sewer improvements by the City of Desloge. Work is non-reimbursable but is ISRS recoverable.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	7/14/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/17/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	7/18/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$20,856.86	\$4,480.34	\$25,337.20	\$0.00	\$0.00
Total Estimated Costs:	\$20,856.86	\$4,480.34	\$25,337.20	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901957</p> <p>Work Order Title: Rel w/ 140F 4P Maple Valley MN</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 140ft of 4-inch PLIP main and abandon 25ft of 4-inch SIP and 75ft of 4-inch PLIP main in Farmington</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Missouri Natural</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jul 10, 2017 **Estimated Completion Date:** Aug 28, 2017 **Estimated In-Service Date:** Aug 28, 2017

Notes: This is due to a new Culvert installation.
This is non-reimbursable. This is ISRS Recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	6/30/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/4/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	7/5/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$397.59	\$397.59	\$0.00	\$0.00
376300-Mains - Plastic	\$8,279.24	\$839.29	\$9,118.53	\$0.00	\$0.00
Total Estimated Costs:	\$8,279.24	\$1,236.88	\$9,516.12	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901968</p> <p>Work Order Title: Rel w/ 55F 4P Grand AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 55 Ft of 4 in PL MP main on Grand Ave between Flora PL and Russel Ave. Abandon 88 Ft of 4 in CI LP main and 385 Ft of 6 in CI MP main at the above location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 07, 2017 Estimated Completion Date: Dec 09, 2017 Estimated In-Service Date: Dec 09, 2017</p> <p>Notes: Total Service Replacement =1; FY17 Cast Iron Replacement Program</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	7/19/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/19/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	7/20/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,057.57	\$5,057.57	\$0.00	\$0.00
376300-Mains - Plastic	\$11,490.18	\$0.00	\$11,490.18	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$44.29	\$44.29	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$2,076.38	\$0.00	\$2,076.38	\$0.00	\$0.00
Total Estimated Costs:	\$13,566.56	\$5,101.86	\$18,668.42	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901969</p> <p>Work Order Title: Rel w/ 60F 3P Lafayette AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 60 Ft 3 in PL MP on Lafayette Ave; Abandon 60 Ft 4 in CI LP; Total Service Abandon= 1.;</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Jul 31, 2017 Estimated Completion Date: Nov 23, 2017 Estimated In-Service Date: Nov 23, 2017</p> <p>Notes: This main is being replaced due to Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/9/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/15/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	8/16/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$2,538.02	\$2,538.02	\$0.00	\$0.00
376300-Mains - Plastic	\$11,201.99	\$0.00	\$11,201.99	\$0.00	\$0.00
Total Estimated Costs:	\$11,201.99	\$2,538.02	\$13,740.01	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901994</p> <p>Work Order Title: Rel w/ 30F 2P Wicklow AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: 5123 Wicklow AOR - SR #4777828 Install - 30 Ft of 2 in PL LP main on Wicklow PI Abandon - 30 Ft of 4 in CI LP main on Wicklow PL</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p>
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Status: posted to CPR

Estimated Start Date: Aug 14, 2017 **Estimated Completion Date:** Aug 21, 2017 **Estimated In-Service Date:** Aug 21, 2017

Notes: This main is being relocated due to being placed in an angle of repose.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	7/31/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/2/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	8/3/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$4,179.60	\$4,179.60	\$0.00	\$0.00
376300-Mains - Plastic	\$10,481.32	\$0.00	\$10,481.32	\$0.00	\$0.00
Total Estimated Costs:	\$10,481.32	\$4,179.60	\$14,660.92	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901998</p> <p>Work Order Title: Rel w/ 290F 4P Alligator Creek</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Customer Request</p> <p>WO Description: Install 290 Ft of 4in PL IP Main within Civic Park in O'Fallon. Abandon 200 Ft of 4in Stl IP Main at the same location.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: Sep 01, 2017 Estimated Completion Date: Sep 28, 2017 Estimated In-Service Date: Sep 28, 2017</p> <p>Notes: Relocation due to construction at Alligator's Creek Aquatic Center in O'Fallon MO. This work will not be reimbursable, but will be ISRS recoverable</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/9/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/15/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	8/16/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,651.63	\$2,651.63	\$0.00	\$0.00
376300-Mains - Plastic	\$38,181.35	\$0.00	\$38,181.35	\$0.00	\$0.00
Total Estimated Costs:	\$38,181.35	\$2,651.63	\$40,832.98	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 901999</p> <p>Work Order Title: Rel w/ 1481F 2P Shenandoah AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: AOR Shenandoah - Thurman to S. 39th - SR 4804047 and 4805344; Install- 1481 Ft of 2 in PL IP; Abandon - 1504 Ft of 4 in CI LP, 11 Ft of 6 in CI LP, and 10 Ft of 4 in PL LP; Service Renew = 36; Service Abandon = 9;</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 28, 2017 Estimated Completion Date: Dec 16, 2017 Estimated In-Service Date: Dec 16, 2017</p> <p>Notes: Replaced due to being placed in Angle of Repose</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	7/31/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/2/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	8/3/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$13,296.38	\$13,296.38	\$0.00	\$0.00
376300-Mains - Plastic	\$139,452.32	\$1,082.57	\$140,534.89	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$41,819.16	\$1,594.10	\$43,413.26	\$0.00	\$0.00
Total Estimated Costs:	\$181,271.48	\$15,973.05	\$197,244.53	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902002</p> <p>Work Order Title: Rel w/ 580F 2P 8S Jungermann</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 90 Ft of 2" PL IP Main, 390 Ft of 8" ST IP main, and 100 Ft of 8" ST SF Main on Jungermann Rd in St. Peters.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: Aug 11, 2017</p> <p>Notes: Relocation due to Jungermann Rd Stream and Trail Improvements - construction of 72" RCP and 8" PVC in road.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Aug 31, 2017</p> <p>Estimated In-Service Date: Aug 31, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/9/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	8/15/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	8/16/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$104,037.63	\$19,709.31	\$123,746.94	\$0.00	\$0.00
376300-Mains - Plastic	\$17,673.02	\$122.72	\$17,795.74	\$0.00	\$0.00
Total Estimated Costs:	\$121,710.65	\$19,832.03	\$141,542.68	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902023</p> <p>Work Order Title: Rel w/ 250F 4S Harry S Truman Rd</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Customer Request</p> <p>WO Description: Install 250 Ft. of 4in St SF Main on Harry S Truman Blvd. from Pt West Blvd. to Ehlmann Rd. Abandon 250Ft. of 4in St SF Main at the above location.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: Jul 24, 2017</p> <p>Notes: This main is being relocated for civic improvements for City of St. Charles. ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Aug 11, 2017</p> <p>Estimated In-Service Date: Aug 11, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	7/19/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	7/19/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	7/20/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$43,831.07	\$8,879.44	\$52,710.51	\$0.00	\$0.00
Total Estimated Costs:	\$43,831.07	\$8,879.44	\$52,710.51	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902024</p> <p>Work Order Title: Rel w/ 1306F 2-4P Oleatha AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install-469Ft 2in PL IP, 837Ft 4in PL IP; Abandon-1272Ft 6in CI LP; Service Renew = 26; Service Abandon = 2;</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Oct 16, 2017 Estimated Completion Date: Dec 30, 2017 Estimated In-Service Date: Dec 30, 2017</p> <p>Notes: This main is being replaced due to an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/28/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	9/1/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	9/1/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,578.67	\$5,578.67	\$0.00	\$0.00
376300-Mains - Plastic	\$115,329.19	\$0.00	\$115,329.19	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$398.54	\$398.54	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$30,201.33	\$752.77	\$30,954.10	\$0.00	\$0.00
Total Estimated Costs:	\$145,530.52	\$6,729.98	\$152,260.50	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902025</p> <p>Work Order Title: Aband 48F 6C Hampton AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 48 ft of 6 in CI LP main along Hampton Ave.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Oct 17, 2017 Estimated Completion Date: Nov 01, 2017 Estimated In-Service Date: Nov 01, 2017</p> <p>Notes: This main is being replaced due to being placed into an Angle of Repose</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/28/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	9/1/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	9/1/2017

**** Unit Estimate ****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$10,645.27	\$10,645.27	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$10,645.27	\$10,645.27	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902026</p> <p>Work Order Title: Rel w/ 2708F 2-4P Arthur AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 682 Ft of 4in PL IP and 2026 Ft of 2in PL IP main; Abandon 1997 Ft of 6in CI LP main; Service Renew = 87; Service Transfer = 6; Service Abandon = 2;</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Oct 02, 2017 Estimated Completion Date: Jan 18, 2018 Estimated In-Service Date: Jan 18, 2018</p> <p>Notes: This main is being abandoned due to an Angle of Repose</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	8/28/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	9/1/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	9/1/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$74,745.67	\$74,745.67	\$0.00	\$0.00
376300-Mains - Plastic	\$258,538.35	\$0.00	\$258,538.35	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$2,922.55	\$2,922.55	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$145,817.15	\$929.90	\$146,747.05	\$0.00	\$0.00
Total Estimated Costs:	\$404,355.50	\$78,598.12	\$482,953.62	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902029</p> <p>Work Order Title: Rel w/ 360F 6S Shackelford Culvert</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 360 Ft of 6in ST IP Main on Shackelford Rd west of Teakwood Manor Dr. Abandon 290 Ft of 6in ST IP and 15 Ft of 2in PL IP Main at the same location.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis County</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Aug 07, 2017 **Estimated Completion Date:** Oct 02, 2017 **Estimated In-Service Date:** Oct 02, 2017

Notes: This work order was considered the second phase of wo 14409128. Engineer separated the work so that C&M could close out wo 14409128, when the County push the culvert back to 2017. The estimate for this work order has been revised to include 3 additional conflicts that were found during construction. An additional 275 Ft of 6" steel IP mian was included in the estimate for a total of 360 feet of 6" steel main to be installed. The 6" steel main that was abandoned increased from 88 feet to 290 feet.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	10/24/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	10/30/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	11/1/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$220,439.12	\$26,528.41	\$246,967.53	\$0.00	\$0.00
376300-Mains - Plastic	\$26,663.41	\$19,861.73	\$46,525.14	\$0.00	\$0.00
Total Estimated Costs:	\$247,102.53	\$46,390.14	\$293,492.67	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902045</p> <p>Work Order Title: Rel w/ 220F 4-6S S 5th St & Rio</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 110 Ft of 4" ST IP Main and 110 Ft of 6" ST IP Main on S 5th St and Rio Vista Dr. Abandon 90 Ft of 4" ST IP Main and 82 Ft of 6" ST IP Main at the above locations.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: Apr 13, 2018</p> <p>Notes: These mains are being relocated for the replacement of two culverts in St. Charles. This work order is ISRS recoverable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Aug 16, 2019</p> <p>Estimated In-Service Date: Aug 16, 2019</p>
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Reason for Work (Justification)
No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	1/31/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	2/2/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	2/5/2018

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$51,169.79	\$14,938.68	\$66,108.47	\$0.00	\$0.00
Total Estimated Costs:	\$51,169.79	\$14,938.68	\$66,108.47	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902067</p> <p>Work Order Title: Rel w/ 464F 2P Carter&Newstead AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 464Ft 2in PL IP. Abandon 77Ft 4in CI LP, 567Ft 6in CI LP. Service Renewal = 8; Service Abandon = 5.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Oct 02, 2017 Estimated Completion Date: Jan 20, 2018 Estimated In-Service Date: Jan 20, 2018</p> <p>Notes: Main being replaced due to being placed in an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	9/27/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	10/9/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	10/10/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$4,653.64	\$4,653.64	\$0.00	\$0.00
376300-Mains - Plastic	\$32,137.78	\$0.00	\$32,137.78	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$44.23	\$44.23	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$9,293.15	\$309.55	\$9,602.70	\$0.00	\$0.00
Total Estimated Costs:	\$41,430.93	\$5,007.42	\$46,438.35	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902068</p> <p>Work Order Title: Aband 32F 4C Marmaduke AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 32Ft 4in CI LP. Total Service Transfer = 2.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Oct 02, 2017 Estimated Completion Date: Jan 25, 2018 Estimated In-Service Date: Jan 25, 2018</p> <p>Notes: This main is being replaced due to being placed in and Angle of Repose</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	9/27/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	10/9/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	10/10/2017

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$14,089.75	\$14,089.75	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$14,089.75	\$14,089.75	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902072</p> <p>Work Order Title: Rel w/ 35F 4P Hydraulic&MeramecAOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Insert 35 Ft of 4 in PL LP main. Abandon 35 Ft of 6 in CI LP main.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Nov 06, 2017 Estimated Completion Date: Nov 20, 2017</p> <p>Notes: This is being replaced due to being placed into an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated In-Service Date: Nov 20, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	9/27/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	10/9/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	10/10/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,666.71	\$5,666.71	\$0.00	\$0.00
376300-Mains - Plastic	\$12,650.56	\$0.00	\$12,650.56	\$0.00	\$0.00
Total Estimated Costs:	\$12,650.56	\$5,666.71	\$18,317.27	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902081</p> <p>Work Order Title: Aband 25F 4C Natural Bridge Ave AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 25 Ft of 4 in CI LP main on Palm St in between 23rd St and 25th St; Total Service Transfer=1;</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Dec 09, 2017 Estimated Completion Date: Mar 09, 2018 Estimated In-Service Date: Mar 09, 2018</p> <p>Notes: This main is being abandoned due to being placed into an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	11/3/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	11/6/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	11/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$11,157.76	\$11,157.76	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$11,157.76	\$11,157.76	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902092</p> <p>Work Order Title: Aband 27F 6C BELLERIVE AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 27 Ft of 6 in CI LP main, along Pennsylvania Ave in between Dover PI and Bellerive Blvd.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Dec 20, 2017 Estimated Completion Date: Mar 20, 2018 Estimated In-Service Date: Mar 20, 2018</p> <p>Notes: This main is being abandoned due to being placed into an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	11/3/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	11/6/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	11/6/2017

**** Unit Estimate ****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$12,811.71	\$12,811.71	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$12,811.71	\$12,811.71	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902100</p> <p>Work Order Title: Rel w/ 1015F Windsor&Vandeventer AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 1015 Ft of 2in PL IP Main on Windsor Pl. Abandon 1011 Ft of 4in CI LP Main and 49 Ft of 6in CI LP Main at the above location. Total Service Renew = 10; Total Service Abandon = 6</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jan 22, 2018 Estimated Completion Date: Mar 30, 2018 Estimated In-Service Date: Mar 30, 2018</p> <p>Notes: This main is being replaced due to being placed into an Angle of Repose</p>	

Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	12/7/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	12/11/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	12/11/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,392.38	\$5,392.38	\$0.00	\$0.00
376300-Mains - Plastic	\$43,784.14	\$0.00	\$43,784.14	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$44.20	\$44.20	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$16,775.33	\$397.78	\$17,173.11	\$0.00	\$0.00
Total Estimated Costs:	\$60,559.47	\$5,834.36	\$66,393.83	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902101</p> <p>Work Order Title: Aband 1476F 6C Washington AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: AOR - 5082 Washington PI - SR#4892949. Abandon- 1476 Ft of 6 in CI LP main on Washington PI. Total Service Renew = 2; Total Service Transfer = 24</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jan 05, 2018 Estimated Completion Date: Apr 05, 2018 Estimated In-Service Date: Apr 05, 2018</p> <p>Notes: This main is being replaced due to being placed in an Angle of Repose.</p>	

Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	12/12/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	12/18/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	12/18/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,392.40	\$5,392.40	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$15,804.36	\$88.42	\$15,892.78	\$0.00	\$0.00
Total Estimated Costs:	\$15,804.36	\$5,480.82	\$21,285.18	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902106</p> <p>Work Order Title: Aband 165F 2P Washington MO-47 MN</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403M</p> <p>Funding Project Desc: Relocation of Dist Sys - Monat</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Government Request</p> <p>WO Description: Abandon 165 Ft. of 2-inch PLIP main due to construction grading for new bridge on MO-47/Franklin Ave in Washington, MO. One service to 902 Missouri Ave will be abandoned with the main.</p> <p>Major Location: Mass Property-MoNat</p> <p>Asset Location: Franklin</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10921</p> <p>Department Description: MoNat Distribution - Union</p> <p>Budget Description: Relocation of Dist Sys - Monat</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p>
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Estimated Start Date: Oct 23, 2017 **Estimated Completion Date:** Oct 30, 2017 **Estimated In-Service Date:** Oct 30, 2017

Notes: Work is non-reimbursable, ISRS recoverable.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	10/20/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	10/27/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	10/31/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$0.00	\$1,373.60	\$1,373.60	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$0.00	\$665.87	\$665.87	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$2,039.47	\$2,039.47	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902173</p> <p>Work Order Title: Rel w/ 1445F 6P Harry S Truman PH2</p> <p>Wo Type Description: WO-Relocation Mains LGC</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Relocate 1445 ft of 6" PL IP Main along Harry S. Truman Blvd. and abandon 1490 ft of 6" PL IP Main along same route due to grading issues for road reconstruction by the City of St. Charles. Transfer 3 services over to new main.</p> <p>Major Location: Mass Property-St. Charles</p> <p>Asset Location: St. Charles</p> <p>Estimated Start Date: Dec 25, 2017</p> <p>Notes: This job is ISRS recoverable. Engineering to push project</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Feb 28, 2018</p> <p>Estimated In-Service Date: Feb 28, 2018</p>
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Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	12/7/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	12/8/2017
VP Field Operations	Goodson, Timothy	\$1,000,000	12/8/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$96,396.28	\$7,520.05	\$103,916.33	\$0.00	\$0.00
Total Estimated Costs:	\$96,396.28	\$7,520.05	\$103,916.33	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902200</p> <p>Work Order Title: Aband 26F 6C Broadway AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandonment: 26 Ft of 6" CI LP Main on Broadway. Total Service Transfer = 1.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Mar 05, 2018 Estimated Completion Date: May 15, 2018 Estimated In-Service Date: May 15, 2018</p> <p>Notes: This main is being abandoned due to being placed into an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	1/23/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	1/23/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	1/24/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$12,949.55	\$12,949.55	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$44.20	\$44.20	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$12,993.75	\$12,993.75	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902201</p> <p>Work Order Title: Rel w/ 135F 2P Sublette&Southwest</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 135 Ft of 2 in PL MP main on Sublette Ave, in between Magnolia Ave and Southwest Ave. Abandon 103 Ft of 4 in CI LP main at the above location. Total Service Renew = 1.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: completed</p>
<p>Estimated Start Date: May 14, 2018 Estimated Completion Date: Jun 01, 2018 Estimated In-Service Date: Jun 01, 2018</p> <p>Notes: This main is being replaced as part of FY18 Cast Iron Replacement Program.</p>	

Reason for Work (Justification)
 No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	1/23/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	1/23/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	1/24/2018

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$4,473.13	\$4,473.13	\$0.00	\$0.00
376300-Mains - Plastic	\$9,636.53	\$0.00	\$9,636.53	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,662.39	\$44.20	\$1,706.59	\$0.00	\$0.00
Total Estimated Costs:	\$11,298.92	\$4,517.33	\$15,816.25	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902207</p> <p>Work Order Title: Repl w/ 32F 4P Blow AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Insert - 32 Ft of 4 in PL LP Main on Blow St. Abandon - 32 Ft of 6 in CI LP Main on Blow St. Total Service Transfer = 1 SR #4955838</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10638</p> <p>Department Description: Construction - Region 1B - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: May 21, 2018 Estimated Completion Date: Jun 20, 2018 Estimated In-Service Date: Jun 20, 2018</p> <p>Notes: Main is being replaced due to being placed into an Angle of Repose.</p>	

Reason for Work (Justification)
 No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	1/23/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	1/23/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	1/24/2018

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$6,312.29	\$6,312.29	\$0.00	\$0.00
376300-Mains - Plastic	\$15,564.40	\$0.00	\$15,564.40	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$353.07	\$0.00	\$353.07	\$0.00	\$0.00
Total Estimated Costs:	\$15,917.47	\$6,312.29	\$22,229.76	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902226</p> <p>Work Order Title: Aband 374F St Louis Ave&Glasgow AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 326 Ft of 4 in CI LP main and 48 Ft of 6 in CI LP main along Glasgow Ave, between St. Louis Ave and Montgomery St.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: May 01, 2018 Estimated Completion Date: Jul 20, 2018 Estimated In-Service Date: Jul 20, 2018</p> <p>Notes: This main is being abandoned due to being placed into an Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	3/7/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	3/8/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	3/8/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$11,649.44	\$11,649.44	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$11,649.44	\$11,649.44	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902235</p> <p>Work Order Title: Aband 672F CI Blackstone&Minerva AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon 88 Ft of 6 in CI LP Main and 584 Ft of 4 in CI LP Main on Minerva Ave.</p> <p style="text-align: center;">Total service abandon = 3</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p>
<p>Status: posted to CPR</p>	
<p>Estimated Start Date: May 01, 2018 Estimated Completion Date: Jul 22, 2018 Estimated In-Service Date: Jul 22, 2018</p> <p>Notes: This main is being replaced due to being placed into an Angle of Repose.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	4/10/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/16/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	4/17/2018

**** Unit Estimate ****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$6,145.91	\$6,145.91	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$6,145.91	\$6,145.91	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902281</p> <p>Work Order Title: Rel w/ 389F 2P 18th&Cass AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install ~ 389 Ft of 2" PL MP main along Hogan St. Abandon 1027 Ft of 6" CI LP main, and 530 Ft of 12" CI LP Main along Hogan St, Cass Ave, and 17th St.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p>
Status: completed	
<p>Estimated Start Date: May 01, 2018 Estimated Completion Date: Aug 09, 2018 Estimated In-Service Date: Aug 09, 2018</p> <p>Notes: Total Service Renew = 8; Total Service Abandon = 2. This main is being abandoned due to being placed in and Angle of Repose.</p>	

Reason for Work (Justification)
 No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	3/29/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/16/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	4/17/2018

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$5,875.73	\$5,875.73	\$0.00	\$0.00
376300-Mains - Plastic	\$35,306.00	\$0.00	\$35,306.00	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$13,320.76	\$357.29	\$13,678.05	\$0.00	\$0.00
Total Estimated Costs:	\$48,626.76	\$6,233.02	\$54,859.78	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 902323</p> <p>Work Order Title: Aband 629F 4-6P 22nd AOR</p> <p>Wo Type Description: WO-Replacement Mains & Services</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: 3403L</p> <p>Funding Project Desc: Relocation of Dist Sys - Laclede</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Safety</p> <p>WO Description: Abandon - 615 Ft of 4 in CI LP Main, and 14 Ft of 6 in CI LP Main on Benton St and Rauschenbach Ave.</p> <p>Major Location: Mass Property-Laclede</p> <p>Asset Location: Laclede-St. Louis City</p> <p>Estimated Start Date: Jun 01, 2018 Estimated Completion Date: Aug 26, 2018 Estimated In-Service Date: Aug 26, 2018</p> <p>Notes: Total Service Abandon = 2. This main is being abandoned due to being placed in and Angle of Repose.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri East</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 10648</p> <p>Department Description: Construction - Region 1A - Union</p> <p>Budget Description: Relocation of Dist Sys - Laclede</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

No Reason Provided

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Griewing, Michael	\$0	4/26/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/28/2018
VP Field Operations	Goodson, Timothy	\$1,000,000	5/1/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$16,827.29	\$16,827.29	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$16,827.29	\$16,827.29	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800144</p> <p>Work Order Title: Hwy 71 and Gregory Grid Repl PhD</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 3356ft of 2in PE and 1596ft of 4in PE to replace existing CI main - Hwy 71 & Gregory Grid Ph D. Abandon 682ft of 12in CI, 1483ft of 6in CI, 1938ft of 4in CI, and 158ft of 2in Bare STL. Strategic CI Replacement.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Apr 04, 2016 Estimated Completion Date: Apr 29, 2016 Estimated In-Service Date: Apr 29, 2016</p> <p>Notes: 15 Service Replacements, 13 Service upgrades, and 52 service tie overs</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/15/2016
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	3/16/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	3/16/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$9,826.70	\$9,826.70	\$0.00	\$0.00
376300-Mains - Plastic	\$167,042.57	\$0.00	\$167,042.57	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$34,843.78	\$0.00	\$34,843.78	\$0.00	\$0.00
Total Estimated Costs:	\$201,886.35	\$9,826.70	\$211,713.05	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800383</p> <p>Work Order Title: Target Marlborough East Ph 2 Reloc</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 4758' of 2" PE, 146' of 4" PE. Abandon 2973' of 2" PE, 136 ft of 4" PE, and 1712' of 3" STL. This project is necessary due to public improvement project Target Marlborough East Phase 2.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: May 02, 2016 Estimated Completion Date: Jul 01, 2016 Estimated In-Service Date: Jul 01, 2016</p> <p>Notes: 79 Service Tie overs, 6 Service Replacements, and 6 service upgrades</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/31/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/31/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	4/4/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,060.69	\$3,060.69	\$0.00	\$0.00
376300-Mains - Plastic	\$199,294.02	\$8,248.72	\$207,542.74	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$38,712.55	\$0.00	\$38,712.55	\$0.00	\$0.00
Total Estimated Costs:	\$238,006.57	\$11,309.41	\$249,315.98	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800385</p> <p>Work Order Title: Rel w/ 2320F 2P 22nd&23rd St-Wabash</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 2320 ft of 2 in MP PE main, 886 ft of 4 in MP PE main and 1872 ft of 6 in MP PE main. Abandon 721 ft of 12 in MP CI main, 30 ft of 8 in LP CI main, 2858 ft of 6 in LP CI main, 807 ft of 4 in LP CI.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 06, 2016</p> <p>Notes:</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jul 18, 2016</p> <p>Estimated In-Service Date: Jul 18, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/7/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	6/9/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	6/9/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,222.58	\$2,222.58	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$16,154.39	\$16,154.39	\$0.00	\$0.00
376300-Mains - Plastic	\$179,541.72	\$2,165.52	\$181,707.24	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$29,064.36	\$0.00	\$29,064.36	\$0.00	\$0.00
Total Estimated Costs:	\$208,606.08	\$20,542.49	\$229,148.57	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800390</p> <p>Work Order Title: Repl w/ 884F 2-4P HWY 60 to Pine</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 621 ft of 2 in PE and 263 ft of 4 in PE main. Abandon 26 ft of 2 in PE, Abandon 815 ft of 2 in BST main - Hwy 60 to NE Pine.</p> <p>Major Location: 0813-Billings</p> <p>Asset Location: 0813-019001 CHRISTIAN CTY/BILLING</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: May 30, 2016 **Estimated Completion Date:** Jun 27, 2016 **Estimated In-Service Date:** Jun 27, 2016

Notes: Main is being replaced due to isolated BST and leaks in Billings along HWY 60 and Pine.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/31/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	6/1/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	6/2/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$28,155.53	\$601.28	\$28,756.81	\$0.00	\$0.00
Total Estimated Costs:	\$28,155.53	\$601.28	\$28,756.81	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800463</p> <p>Work Order Title: Repl w 2144F 2-4-6-8P 13 & Virginia</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~10 ft of 2 in PL LP main, ~480 ft of 4 in PL LP main, ~666 ft of 6 in PL LP main, ~988 ft of 8 in PL LP main on Virginia, Paseo, and 14th Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Dec 05, 2016 **Estimated Completion Date:** Dec 30, 2016 **Estimated In-Service Date:** Dec 30, 2016

Notes: Abandon ~141 ft of 16 in CI LP main, ~825 ft of 16 in ST LP main, ~476 ft of 4 in CI LP main, and 685 ft of 6 in CI LP main at above locations. Service tie-over = 9; Service replace = 1. This main is being replaced due to a leak on the 16 in bare steel gas line.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/7/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	9/9/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	9/14/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$1,309.27	\$4,014.46	\$5,323.73	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$5,076.61	\$5,076.61	\$0.00	\$0.00
376300-Mains - Plastic	\$273,084.44	\$8,914.99	\$281,999.43	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$9,927.22	\$0.00	\$9,927.22	\$0.00	\$0.00
Total Estimated Costs:	\$284,320.93	\$18,006.06	\$302,326.99	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800468</p> <p>Work Order Title: Repl w/ 30F 6P 12th and Askew AOR</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install - 30ft of 6in PE LP main on 12th Street. Abandon - 30ft of 6in CI LP. Total Services to tie-over = 1. This main is being replaced due to bell joint being exposed at 19' EECB of Askew and 10' NSCB of 12th Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 13, 2016 Estimated Completion Date: Jul 11, 2016 Estimated In-Service Date: Jul 11, 2016</p> <p>Notes: Compliance due date is 7/11/2016.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/22/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/28/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	4/29/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$3,183.93	\$3,183.93	\$0.00	\$0.00
376300-Mains - Plastic	\$20,092.85	\$0.00	\$20,092.85	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$425.69	\$0.00	\$425.69	\$0.00	\$0.00
Total Estimated Costs:	\$20,518.54	\$3,183.93	\$23,702.47	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800470</p> <p>Work Order Title: Reloc 1124F 6P Englewood Phase 1A</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1124 ft of 6 in PL MP main along Englewood at Highway 169.</p> <p>Major Location: 1271-KC/MO - Clay Co.</p> <p>Asset Location: 1271-020036 CLAY CTY/KANSAS CITY</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Oct 31, 2016 **Estimated Completion Date:** Dec 05, 2016 **Estimated In-Service Date:** Dec 05, 2016

Notes: Retire ~393 ft of 4 in PL MP main and 729 ft of 4 in ST MP main at above location. Tie-over = 1 service. This project is being done due to public improvement project. New storm sewers and road reconstruction are being installed as part of the project. Kansas City project number 89008121. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 696 Feet.
Reopened for late charge 6-22-18 (permit) per Andy Johnson

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/7/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/9/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	9/14/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$973.93	\$1,507.26	\$2,481.19	\$0.00	\$0.00
376300-Mains - Plastic	\$266,119.40	\$358.51	\$266,477.91	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$89.63	\$0.00	\$89.63	\$0.00	\$0.00
Total Estimated Costs:	\$267,182.96	\$1,865.77	\$269,048.73	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800493</p> <p>Work Order Title: Aband 2" Bare Steel St Louis St</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0604</p> <p>Funding Project Desc: Main Replacement - ISRS (S)</p> <p>Eligible for AFUDC: no Eligible for CPI: no</p> <p>Reason Code: Strategic</p> <p>WO Description: Abandon and retire 200' of 2" bare steel main (1949) on St Louis St south of 9th St due to leakage. Existing 4 services to be tied over to parallel IP 6" Coated steel main.</p> <p>Major Location: 0307-Concordia</p> <p>Asset Location: 0307-049001 LAFAYETTE CTY/CONCORDIA</p> <p>Estimated Start Date: Apr 20, 2016</p> <p>Notes:</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Apr 22, 2016</p> <p>Estimated In-Service Date: Apr 22, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/22/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/28/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	4/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$4,190.84	\$4,190.84	\$0.00	\$0.00
Total Estimated Costs:	\$0.00	\$4,190.84	\$4,190.84	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800515</p> <p>Work Order Title: Rel w/ 3105f 2-4P Johnson Dr Storm</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 530' - 2" plastic, 2,560' - 4" plastic and 15' - 6" plastic main to relocate 2822 ft 2in, 4in & 6in existing coated steel main to allow the City to rebuild the street and install new storm structures.</p> <p>Major Location: 0928-Odessa</p> <p>Asset Location: 0928-049014 LAFAYETTE CTY/ODESSA</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: May 18, 2016 **Estimated Completion Date:** May 31, 2016 **Estimated In-Service Date:** May 31, 2016

Notes: Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 1283 Feet.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/11/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/17/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	5/17/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$13,290.46	\$13,290.46	\$0.00	\$0.00
376300-Mains - Plastic	\$89,443.15	\$0.00	\$89,443.15	\$0.00	\$0.00
Total Estimated Costs:	\$89,443.15	\$13,290.46	\$102,733.61	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800526</p> <p>Work Order Title: Rel w 1600F 2-4P Pacific & Sunrise</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~625 Ft of 2" PL IP Main, ~975 Ft of 4" PL IP Main. Abandon ~591 Ft of 2" ST IP Main, ~903 Ft of 4" ST IP Main. Total Service Tie Over= 17</p> <p>Major Location: 0906-Belton</p> <p>Asset Location: 0906-016001 CASS CTY/BELTON W OF MULLIN RD</p> <p>Estimated Start Date: Aug 01, 2016</p> <p>Notes: This Main is being relocated for a Civic Improvement. City project #451-5608-495-7112</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Aug 12, 2016</p> <p>Estimated In-Service Date: Aug 12, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/27/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	7/28/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	7/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,740.40	\$2,740.40	\$0.00	\$0.00
376300-Mains - Plastic	\$61,251.36	\$0.00	\$61,251.36	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$7,236.70	\$0.00	\$7,236.70	\$0.00	\$0.00
Total Estimated Costs:	\$68,488.06	\$2,740.40	\$71,228.46	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800546</p> <p>Work Order Title: Rel w/ 70F 4S Green Hills&Parkdale</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 70ft of 4in ST IP Main on Green Hills Rd near Parkdale Rd in Riverside, MO. Abandon 40ft of 4in ST IP Main at the above location. No services to tie-over or abandon. Non-reimbursable</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 01, 2016</p> <p>Notes:</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jun 15, 2016</p> <p>Estimated In-Service Date: Jun 15, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/16/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/17/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	5/17/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$34,329.67	\$4,313.33	\$38,643.00	\$0.00	\$0.00
Total Estimated Costs:	\$34,329.67	\$4,313.33	\$38,643.00	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800552</p> <p>Work Order Title: Rel w/ 165F 2P 72nd St KC MO Sewer</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 165F 2P & 20F 4P on 72nd Street. Abandon 160F 2P and 15F 4P at same location. Project is non-reimbursble. KCMO Sewer Separation 099.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jul 25, 2016 Estimated Completion Date: Aug 19, 2016 Estimated In-Service Date: Aug 19, 2016</p> <p>Notes: Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 208 Feet.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/19/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/19/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	5/20/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$41,815.73	\$1,757.83	\$43,573.56	\$0.00	\$0.00
Total Estimated Costs:	\$41,815.73	\$1,757.83	\$43,573.56	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800553</p> <p>Work Order Title: Rel w/ 812F P Marlborough WestPh3</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 150ft of 4in PL MP main, 20ft of 3in PL MP main, and 642ft of 2in PL MP main on Lydia, Forest Ave, 83rd St, Tracy Ave, and 82nd Ter. Abandon 539ft of 4in ST, 15ft of 3in PL, and 135ft of 2in PL main at the above locations.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 06, 2016</p> <p>Notes:</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jun 27, 2016</p> <p>Estimated In-Service Date: Jun 27, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/11/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/17/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	5/17/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$1,134.47	\$3,603.18	\$4,737.65	\$0.00	\$0.00
376300-Mains - Plastic	\$74,418.31	\$17,892.34	\$92,310.65	\$0.00	\$0.00
Total Estimated Costs:	\$75,552.78	\$21,495.52	\$97,048.30	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800566</p> <p>Work Order Title: Repl w/ 3425F 2P 12th & Lipper</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0604</p> <p>Funding Project Desc: Main Replacement - ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 3,425F 2PL MP Main and abandon 3,351F 2S MP Main - 12th & Lipper. Total Service Tie-over = 63, total service Replace = 4 (129F).</p> <p>Major Location: 0308-Higginsville</p> <p>Asset Location: 0308-049004 LAFAYETTE CTY/HIGGINSVILLE</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 15, 2016 Estimated Completion Date: Sep 16, 2016 Estimated In-Service Date: Sep 16, 2016</p> <p>Notes: This main is being replaced as part of the strategic bare steel replacement plan. This main replacement will clear 4 active leaks</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/21/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	7/28/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	7/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,826.93	\$1,826.93	\$0.00	\$0.00
376300-Mains - Plastic	\$66,890.84	\$0.00	\$66,890.84	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$28,691.42	\$0.00	\$28,691.42	\$0.00	\$0.00
Total Estimated Costs:	\$95,582.26	\$1,826.93	\$97,409.19	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800586</p> <p>Work Order Title: Rel w/ 8935F 2P Marlborough Ph5</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 8935 ft of 2 in PL IP main and 1906 ft of 4 in PL IP main on Lydia St, Flora St, Wayne St, Highland St, 82nd St, 83rd St, and 84th St. Abandon 39 ft of 2 in PL MP main, 6121 ft of 2 in ST MP main.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jul 18, 2016</p> <p>Notes: Not reimbursable.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Aug 26, 2016</p> <p>Estimated In-Service Date: Aug 26, 2016</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/7/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	6/9/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	6/9/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$24,168.70	\$24,168.70	\$0.00	\$0.00
376300-Mains - Plastic	\$275,383.76	\$17,112.28	\$292,496.04	\$0.00	\$0.00
380100-Services - Steel	\$352.73	\$0.00	\$352.73	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$98,333.93	\$0.00	\$98,333.93	\$0.00	\$0.00
Total Estimated Costs:	\$374,070.42	\$41,280.98	\$415,351.40	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800596</p> <p>Work Order Title: Reloc w/ 9290F 2-4-6P 4th Street</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 135 Ft of 6 in PL LP Main and ~ 8170 Ft of 4 in PL LP Main and 985 Ft of 2 in PL LP Main along 4th St between Schifferdecker Ave and Main St.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Sep 14, 2016 **Estimated Completion Date:** Feb 23, 2017 **Estimated In-Service Date:** Feb 23, 2017

Notes: Abandon ~ 155 Ft of 6 in ST LP Main and ~ 4278 Ft of 4 in ST LP Main and ~ 31 Ft of 4 in PL LP Main and ~ 2258 Ft of 3 in ST LP Main and ~ 232 Ft of 3 in PL LP Main and ~ 1838 Ft of 2 in ST LP Main and ~ 251 Ft of 2 in PL LP Main and ~ 130 Ft of 1 1/4 in ST LP Main and ~ 140 Ft of 7/8 in PL LP Main at the above location. Total Service Tie-Over = 120. This main is being abandoned due to a Civic Improvements and bare steel replacement. Note: 140 feet of 7/8" Mains Plastic was deleted from the Estimate As-Built since there was nothing PowerPlan could match for retirement. - Mike Griewing

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	8/3/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	8/9/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	8/9/2016
Chief Operating Officer	Lindsey, Steve	\$2,000,000	8/10/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$9,958.84	\$9,958.84	\$0.00	\$0.00
376300-Mains - Plastic	\$511,360.01	\$984.40	\$512,344.41	\$0.00	\$0.00
Total Estimated Costs:	\$511,360.01	\$10,943.24	\$522,303.25	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800624</p> <p>Work Order Title: Repl w 3970F 2-4-6P 155th E of I-49</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1080 Ft of 2" PL MP Main, ~2245 Ft of 4" PL MP Main, ~645 Ft of 6" PL MP Main, ~40 Ft of 4" ST FP Main.</p> <p>Major Location: 0904-Grandview</p> <p>Asset Location: 0904-043030 JACKSON CTY/GRANDVIEW</p> <p>Estimated Start Date: Nov 14, 2016</p> <p>Notes: Abandon ~450 Ft of 2" PL MP Main, ~541 Ft of 2" ST MP Main, ~350 Ft of 4" PL MP Main, ~1704 Ft of 4" ST MP Main, ~634 Ft of 6" ST MP Main, ~20 Ft of 4" ST FP Main. Total Service Tie-overs: 31, Total Service Replace: 3 (610 Ft). This is a Main Relocation (MRELO) due to Civic Improvements.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jan 20, 2017</p> <p>Estimated In-Service Date: Jan 20, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/26/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	10/10/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	10/11/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$8,141.02	\$190.21	\$8,331.23	\$0.00	\$0.00
376300-Mains - Plastic	\$158,575.69	\$2,853.29	\$161,428.98	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$26,188.56	\$0.00	\$26,188.56	\$0.00	\$0.00
Total Estimated Costs:	\$192,905.27	\$3,043.50	\$195,948.77	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800693</p> <p>Work Order Title: Reloc 2235F 2-4P Blacksnake Creek</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 1870 ft of 4 in IP PE main and 365ft of 2in IP PE main due to civic Improvements.</p> <p style="padding-left: 40px;">Abandon~ 663 ft of 2 in IP ST and 1371 ft of 4 in IP ST</p> <p>Major Location: 1001-St. Joseph</p> <p>Asset Location: 1001-010001 ST. JOSEPH CITY/BUCHANAN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Apr 03, 2017 **Estimated Completion Date:** Apr 17, 2017 **Estimated In-Service Date:** Apr 17, 2017

Notes: Abandon~ 663 ft of 2 in IP ST and 1371 ft of 4 in IP ST. Service. Tie Over 4 services.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/20/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,594.49	\$5,594.49	\$0.00	\$0.00
376300-Mains - Plastic	\$50,677.76	\$0.00	\$50,677.76	\$0.00	\$0.00
Total Estimated Costs:	\$50,677.76	\$5,594.49	\$56,272.25	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800702</p> <p>Work Order Title: Repl w 4442F 2-4-6-8P Wornall@85th</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~4157 ft of 8 in PL IP main, ~80 ft of 6in PL IP main, ~60 ft of 4 in PL IP main, ~145 ft of 2 in PL IP along 79th between Wornall & Charlotte - Phase 1</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: completed</p>
<p>Estimated Start Date: Mar 01, 2017 Estimated Completion Date: Mar 31, 2017 Estimated In-Service Date: Mar 31, 2017</p> <p>Notes: No main to abandon on this phase - related abandonment on 79th St. will be done during Phase 2. Total Service Tie-over = 74; Total Service Replace = 3. Note: 42 feet of Services - Copper was deleted from the Estimate As-Built since there was nothing PowerPlan could match for retirement. - Mike Griewing</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	11/11/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	11/17/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	11/17/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$460,632.95	\$0.00	\$460,632.95	\$0.00	\$0.00
Total Estimated Costs:	\$460,632.95	\$0.00	\$460,632.95	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800711</p> <p>Work Order Title: Repl w/ 1020F 13th Hervey</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 1020 Ft of 2 in PL IP Main on 13th St and Hervey Ln. Abandon 634 Ft of 2 in ST and 78 Ft of 2 in PL IP Main at the above locations.</p> <p>Major Location: 0515-Duquesne</p> <p>Asset Location: 0515-044022 JASPER CTY/VILLAGE OF DUQUESNE</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 01, 2016 Estimated Completion Date: Aug 30, 2016 Estimated In-Service Date: Aug 30, 2016</p> <p>Notes: This main is being replaced due to several active class 3 leaks and as part of the FY16 Bare Steel Replacement Program. Note: There are no more "Mains - Steel 2" left to retire for this Location.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/21/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	7/28/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	7/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$216.55	\$216.55	\$0.00	\$0.00
376300-Mains - Plastic	\$37,263.17	\$578.44	\$37,841.61	\$0.00	\$0.00
Total Estimated Costs:	\$37,263.17	\$794.99	\$38,058.16	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800726</p> <p>Work Order Title: Repl w/ 705F 4P 17th & Grand</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 705F 4P main on Grand Ave. Abandon 137F 2P, 334F 2S and 258F 4S main at the above location. Total service tie overs is 14, total service abandon is 9.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 15, 2016 Estimated Completion Date: Sep 07, 2016 Estimated In-Service Date: Sep 07, 2016</p> <p>Notes: This main is being replaced due to class 3 leak and as part of the FY16 Bare Steel Replacement Program.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/21/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	7/28/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	7/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$355.63	\$355.63	\$0.00	\$0.00
376300-Mains - Plastic	\$41,448.26	\$348.01	\$41,796.27	\$0.00	\$0.00
Total Estimated Costs:	\$41,448.26	\$703.64	\$42,151.90	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800728</p> <p>Work Order Title: Reloc 2621F 2P Broadway & Zora</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 2313 Ft of 2 in PL IP main and 308 Ft of 2 in PL LP main on St. Louis Avenue between Broadway and Zora as required by Public Improvements.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Nov 14, 2016 **Estimated Completion Date:** Dec 09, 2016 **Estimated In-Service Date:** Dec 09, 2016

Notes: Abandon 1075 Ft of 2 in PL IP main, 143 Ft of 2 in PL LP main, 966 Ft of 2 in ST IP main, 164 Ft of 3 in ST IP main and 227 Ft of 2 in ST LP main at the above locations. Total Service Tie-Over = 19.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	11/22/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	11/29/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	11/29/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$3,762.21	\$6,541.51	\$10,303.72	\$0.00	\$0.00
376300-Mains - Plastic	\$92,827.57	\$1,309.60	\$94,137.17	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$8,233.46	\$0.00	\$8,233.46	\$0.00	\$0.00
Total Estimated Costs:	\$104,823.24	\$7,851.11	\$112,674.35	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800766</p> <p>Work Order Title: Repl w 30F 4P Indiana & 12th AOR</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~30 ft of 4 in PL LP main on 12th at Indiana due to exposed bell joint-AOR. Retire ~30 ft of 4 in CI LP main on 12th at Indiana. No services to tie-over or replace.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Nov 14, 2016 **Estimated Completion Date:** Nov 23, 2016 **Estimated In-Service Date:** Nov 23, 2016

Notes: Bell joint was exposed at 6 ft EWC of Indiana and 10 ft NSC of 12th Street. This **AOR** has a compliance date of 11/29/2016.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	8/15/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	8/24/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	8/24/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$2,909.41	\$2,909.41	\$0.00	\$0.00
376300-Mains - Plastic	\$24,617.98	\$0.00	\$24,617.98	\$0.00	\$0.00
Total Estimated Costs:	\$24,617.98	\$2,909.41	\$27,527.39	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800834</p> <p>Work Order Title: Repl w 1590F 2P 8th & Geneva</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 1,590 Ft of 2-inch PL MP main on Geneva Ave and two vacated alleys in between 7th street and 9th street.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Sep 26, 2016 Estimated Completion Date: Nov 30, 2016 Estimated In-Service Date: Nov 30, 2016</p> <p>Notes: Abandon 1,041 Ft of 2-inch ST MP main, 419 Ft of 3-inch ST MP main, 39 Ft of 2-inch PL MP main, and 6 Ft of 3-inch PL MP main at the above location. Total Service Tie-over = 19; Total Service Abandoned = 2; This main is being replaced due to active class 3 leak and as part of FY16 Bare Steel Replacement Program. Leak No 477871</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/26/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	10/10/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	10/11/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,626.17	\$1,626.17	\$0.00	\$0.00
376300-Mains - Plastic	\$67,304.91	\$1,799.08	\$69,103.99	\$0.00	\$0.00
Total Estimated Costs:	\$67,304.91	\$3,425.25	\$70,730.16	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800836</p> <p>Work Order Title: Reloc 20F 2S 73rd & Richmond</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~20 ft of 2 in ST IP main on 73rd. Retire ~20 ft of 2 in ST IP main on 73rd. No services to tie-over. This work is being done because existing pipe is in conflict with new storm box</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Oct 03, 2016 Estimated Completion Date: Oct 07, 2016 Estimated In-Service Date: Oct 07, 2016</p> <p>Notes: Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 10 Feet.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/9/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/9/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	9/14/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$20,730.22	\$1,454.94	\$22,185.16	\$0.00	\$0.00
Total Estimated Costs:	\$20,730.22	\$1,454.94	\$22,185.16	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800912</p> <p>Work Order Title: Repl w 1645F 2-4P 135 E & Moffet</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 20 Ft of 1 1/4 in PL IP main, 1625 ft of 4 in PL IP main on A St, Moffet Ave, and E St.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Oct 03, 2016 **Estimated Completion Date:** Nov 30, 2016 **Estimated In-Service Date:** Nov 30, 2016

Notes: Abandon 5 Ft 1 1/4 in PL LP main, 5 Ft of 2 in PL LP main, 40 Ft 4 in PL LP main, and 1631 Ft of 4 in ST LP main at the above locations. Total Service Tie-over = 38; Total Service Abanonsments = 5; Total Service Replacements = 1; Total Service Upgrades = 25. Uprate 150 Ft of 1 1/4 in PL LP main and 839 Ft of 4 in PL LP main at the above locations. This main is being abandoned as part of FY16 Bare Steel Replacement Program. CP is due 11/12/16. Recommend replacing steel between C and F Streets along Moffet. **Corrosion** has reviewed and agreed with replacement.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	10/3/2016
Engineering Review-Dist	Hoeflerlin, Craig	\$0	10/10/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	10/11/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,541.39	\$1,541.39	\$0.00	\$0.00
376300-Mains - Plastic	\$107,830.64	\$1,975.58	\$109,806.22	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,159.76	\$0.00	\$1,159.76	\$0.00	\$0.00
Total Estimated Costs:	\$108,990.40	\$3,516.97	\$112,507.37	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800957</p> <p>Work Order Title: Reloc 1782F 2-4P 27th-31st Phase 1</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 1,495 Ft of 2 in PL LP main and 287 Ft of 4 in PL LP main on Main St, 29th St and 30th St.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Jan 04, 2017 Estimated Completion Date: Jan 31, 2017 Estimated In-Service Date: Jan 31, 2017</p> <p>Notes: Abandon 1,369 Ft of 2 in ST LP main, 36 Ft of 2 in PL LP main and 273 Ft of 4 in PL LP main at the above locations. Total Service Tie-over = 25. Main being relocated due to Civic Improvements.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/2/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/3/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	1/4/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$863.55	\$863.55	\$0.00	\$0.00
376300-Mains - Plastic	\$86,736.88	\$1,295.33	\$88,032.21	\$0.00	\$0.00
Total Estimated Costs:	\$86,736.88	\$2,158.88	\$88,895.76	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800960</p> <p>Work Order Title: Repl 12179F 2-4P Wornall & 85th Ph2</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 9625 ft of 2 in PL IP main and 2554 ft of 4 in PL IP main on Main St, Walnut, 79th Ter, 80th St, 80th Ter, 81st St, 81st Ter, 82nd St, 82nd Ter, and 83rd St.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: in service</p>
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Estimated Start Date: Apr 03, 2017 **Estimated Completion Date:** Apr 28, 2017 **Estimated In-Service Date:** Apr 28, 2017

Notes: Retire 44 ft of 1 1/4 in PL MP main, 666 ft of 2 in PL MP main, 158 ft of 3 in PL MP main, 46 ft of 4 in PL MP main, 7340 ft of 2 in ST MP main, 3588 ft of 3 in ST MP main, 712 ft of 4 in ST MP main, and 3115 ft of 6 in MP main at above locations and along 79th St and Grand Ave. Total Service Tie-over = 119; Total Service Replace = 14.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/4/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	12/8/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	12/9/2016
Chief Operating Officer	Lindsey, Steve	\$2,000,000	12/9/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$153,984.48	\$153,984.48	\$0.00	\$0.00
376300-Mains - Plastic	\$398,271.43	\$431.53	\$398,702.96	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$74,638.74	\$0.00	\$74,638.74	\$0.00	\$0.00
Total Estimated Costs:	\$472,910.17	\$154,416.01	\$627,326.18	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800961</p> <p>Work Order Title: Reloc 6883F 2-6P Wornall & 85th Ph3</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~4243 ft of 2 in PL IP main and ~2640 ft of 6 in PL IP main on Wornall Rd, Pennsylvania St, Washington St, 79th Ter, 80th St, 80th Ter, 81st St, and 81st Ter.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: May 01, 2017 **Estimated Completion Date:** May 31, 2017 **Estimated In-Service Date:** May 31, 2017

Notes: Abandon ~1737 ft of 12 in CI LP main, ~503 ft of 2 in ST LP main, ~839 ft of 2 in ST MP main, ~1024 ft of 3 in ST MP main, ~4 ft of 4 in CI LP main, ~874 ft of 4 in ST LP main, ~1044 ft of 6 in CI LP main, and ~1242 ft of 6 in ST MP main at above locations. Total Service Tie-over = 119; Total Service Replace = 14. This work is being done due to public improvement project.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	2/14/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/14/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$43,515.19	\$43,515.19	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$520.57	\$520.57	\$0.00	\$0.00
376300-Mains - Plastic	\$444,923.41	\$1,337.82	\$446,261.23	\$0.00	\$0.00
Total Estimated Costs:	\$444,923.41	\$45,373.58	\$490,296.99	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800966</p> <p>Work Order Title: Reloc 1859F 4-6P Wornall & 85th Ph4</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~726 ft of 4in PL IP main, and ~ 1133 ft of 6in PL IP main along Wornall Rd and 82nd St.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jun 01, 2017 Estimated Completion Date: Jun 30, 2017 Estimated In-Service Date: Jun 30, 2017</p> <p>Notes: Retire ~ 5 ft of 2in PL MP main, ~1777 ft of 6in ST MP main at above location. Uprate ~ 841 ft of 2in PL MP to IP on Central St, and 82nd Ter. Total Service Tie-over = 38; Total Service Replace = 1; Total Service Uprate = 19. This main is being relocated due to public improvement project.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/3/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	4/5/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$9,816.49	\$9,816.49	\$0.00	\$0.00
376300-Mains - Plastic	\$159,443.59	\$1,698.85	\$161,142.44	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$20,243.72	\$0.00	\$20,243.72	\$0.00	\$0.00
Total Estimated Costs:	\$179,687.31	\$11,515.34	\$191,202.65	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800967</p> <p>Work Order Title: Reloc 7913F 2-4P Wornall & 85th Ph5</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~7044 ft of 2 in PL IP main and ~ 869 ft of 4 in PL IP main on 83rd Ter, 84th Ter, 85th Street, Central Ave, Douglas Street, Boone Street, Main Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jul 03, 2017 **Estimated Completion Date:** Jul 31, 2017 **Estimated In-Service Date:** Jul 31, 2017

Notes: Abandon ~6790 ft of 2 in ST MP main and ~592 ft of 4 in ST MP main at above locations. Total Service Tie-over = 131; Total Service Replace = 1. This main is being replacement due to public improvement project. Note: 17 feet of Services Copper was deleted from the Estimate As-Built since there was nothing PowerPlan could match for retirement. - Mike Griewing

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/24/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	5/25/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	6/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$4,097.86	\$4,097.86	\$0.00	\$0.00
376300-Mains - Plastic	\$217,378.77	\$0.00	\$217,378.77	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$67,255.64	\$0.00	\$67,255.64	\$0.00	\$0.00
Total Estimated Costs:	\$284,634.41	\$4,097.86	\$288,732.27	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800968</p> <p>Work Order Title: Reloc 2942F 2-4-6P Wornall 85th Ph6</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 1442 ft of 2 in PL IP main, ~220 ft of 4 in PL IP main, and ~1280 ft of 6 in PL IP main along Wornall Rd and 84th Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 01, 2017 Estimated Completion Date: Aug 31, 2017 Estimated In-Service Date: Aug 31, 2017</p> <p>Notes: Abandon ~ 1405 ft of 2 in ST MP main, ~73 ft of 3 in ST MP main, ~227 ft of 4 in ST MP main, and ~1308 ft of 6 in ST MP main at same location. Total Service Tie-over = 32; Total Service Replacement = 2. This main is being replaced due to public improvement project.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/18/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	6/22/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	6/22/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$19,887.16	\$19,887.16	\$0.00	\$0.00
376300-Mains - Plastic	\$198,289.55	\$84.96	\$198,374.51	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$18,245.24	\$0.00	\$18,245.24	\$0.00	\$0.00
Total Estimated Costs:	\$216,534.79	\$19,972.12	\$236,506.91	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800969</p> <p>Work Order Title: Reloc 9123F 2P Wornall & 85th Ph7</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~9123 ft of 2 in PL IP main along 77th St, 77th Ter, 78th St, 78th Ter, Main St, Grand, and Baltimore.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: in service</p>
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Estimated Start Date: Jan 02, 2018 **Estimated Completion Date:** Jan 31, 2018 **Estimated In-Service Date:** Jan 31, 2018

Notes: Retire ~134 ft of 1 1-4 in PL MP main, ~6833 ft of 2 in ST MP main, ~663 ft of 3 in ST MP main, and ~1300 ft of 4 in ST MP main at above locations. Uprate ~421 ft of 4 in PL MP to IP main off Wyandotte Street and ~7656 ft of 2 in PL MP to IP main on Wyandotte, Baltimore, Main, Walnut, Grand, and 75th Street. Total Service Tie-over = 239; Total Service Uprate = 234. This main is being relocated due to public improvement project. Note: 88 feet of Services - Copper was deleted from the Estimate As-Built since there was nothing PowerPlan could match for retirement. - Mike Griewing

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/12/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/13/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,876.15	\$5,876.15	\$0.00	\$0.00
376300-Mains - Plastic	\$516,785.75	\$190.21	\$516,975.96	\$0.00	\$0.00
Total Estimated Costs:	\$516,785.75	\$6,066.36	\$522,852.11	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800970</p> <p>Work Order Title: Reloc 1975F 2-6P Wornall & 85th Ph8</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~493 ft of 2 in PL IP main and ~1482 ft of 6 in PL IP main along Wornall Rd, 77th St, 78th St, and 78th Ter.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jan 01, 2018 **Estimated Completion Date:** Jan 31, 2018 **Estimated In-Service Date:** Jan 31, 2018

Notes: Abandon ~1272 ft of 12 in CI LP main, ~489 ft of 2 in ST LP main, and ~14 ft of 6 in CI LP main at above locations. Total Service Tie-over = 22; Total Service Abandoned = 1. This main is being relocated due to public improvement project.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	11/8/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	11/11/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	11/13/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$190.21	\$190.21	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$9,058.09	\$9,058.09	\$0.00	\$0.00
376300-Mains - Plastic	\$124,924.34	\$4,102.27	\$129,026.61	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,551.83	\$0.00	\$1,551.83	\$0.00	\$0.00
Total Estimated Costs:	\$126,476.17	\$13,350.57	\$139,826.74	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 800976</p> <p>Work Order Title: Reloc 1540F 2-6P Hwy291 & 50 -MODOT</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~430 Ft of 2" PL MP Main, ~1110 Ft of 6" PL MP Main.</p> <p>Major Location: 0901-Lee's Summit</p> <p>Asset Location: 0901-043021 JACKSON CTY/LEE'S SUMMIT OFFIC</p> <p>Estimated Start Date: Mar 13, 2017 Estimated Completion Date: Mar 17, 2017 Estimated In-Service Date: Mar 17, 2017</p> <p>Notes: Abandon ~415 Ft of 2" PL MP Main, ~786 Ft of 4" ST MP Main, ~640 Ft of 6" ST MP Main. Total Service Tie-over- 2, Project Type: Main Relocation (MRELO) due to Civic Improvement MODOT Project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	2/21/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/22/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$570.66	\$570.66	\$0.00	\$0.00
376300-Mains - Plastic	\$64,399.64	\$190.21	\$64,589.85	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,391.46	\$0.00	\$1,391.46	\$0.00	\$0.00
Total Estimated Costs:	\$65,791.10	\$760.87	\$66,551.97	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801048</p> <p>Work Order Title: Reloc 1147F 2-4P Winn & Belfontaine</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1071 ft of 4 in PL IP main and ~76 ft of 2 in PL IP main along NE Winn Rd.</p> <p>Major Location: 1271-KC/MO - Clay Co.</p> <p>Asset Location: 1271-020036 CLAY CTY/KANSAS CITY</p> <p>Estimated Start Date: Dec 19, 2016 Estimated Completion Date: Feb 10, 2017 Estimated In-Service Date: Feb 10, 2017</p> <p>Notes: Abandon ~10 ft of 2 in PL IP main, ~20 ft of 2 in ST IP main, ~8 ft of 4 in PL IP main, ~34 ft of 4 in ST IP main, ~788 ft of 5 in ST IP main, and ~229 ft of 6 in ST IP main along NE Winn Rd. This work is being done to civic improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	11/17/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	11/17/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	11/17/2016

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$7,167.86	\$7,167.86	\$0.00	\$0.00
376300-Mains - Plastic	\$82,212.21	\$1,763.95	\$83,976.16	\$0.00	\$0.00
Total Estimated Costs:	\$82,212.21	\$8,931.81	\$91,144.02	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801059</p> <p>Work Order Title: Reloc 1848F 8-12S Truman Rd & Hwy78</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 713' of 12" STL and 1135' of 8" STL.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Feb 06, 2017 Estimated Completion Date: Feb 24, 2017 Estimated In-Service Date: Feb 24, 2017</p> <p>Notes: Abandon 1970' of 8" STL. This project is due to Public Improvement project that will re align the existing intersection of Truman Rd & Hwy 78.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/24/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	2/6/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/6/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$255,472.49	\$5,992.09	\$261,464.58	\$0.00	\$0.00
Total Estimated Costs:	\$255,472.49	\$5,992.09	\$261,464.58	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801062</p> <p>Work Order Title: Repl 40F 6P AOR 3046 Holmes</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~40 ft of 6in PE LP main on 31st Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Apr 03, 2017 Estimated Completion Date: Apr 23, 2017 Estimated In-Service Date: Apr 23, 2017</p> <p>Notes: Retire ~40 ft of 8in CI LP main on 31st Street. This cast iron is being replaced due to AOR. A bell joint was exposed 94' WWCB Holmes and 10' SNCB of 31st Street. This has a compliance date of 4/23/2017. Reopened 6-22-18 for late charge (permit) per Andy Johnson</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/16/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/23/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	1/23/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$1,187.19	\$1,187.19	\$0.00	\$0.00
376300-Mains - Plastic	\$42,136.74	\$0.00	\$42,136.74	\$0.00	\$0.00
Total Estimated Costs:	\$42,136.74	\$1,187.19	\$43,323.93	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801066</p> <p>Work Order Title: Reloc 1560F 4P Forest @ Hwy 291</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Customer Request</p> <p>WO Description: Install ~1560 ft of 4 in PL IP main along Forest Ave, north of Highway 291.</p> <p>Major Location: 1207-Liberty</p> <p>Asset Location: 1207-020001 CLAY CTY/LIBERTY</p> <p>Estimated Start Date: Dec 01, 2016 Estimated Completion Date: Dec 30, 2016 Estimated In-Service Date: Dec 30, 2016</p> <p>Notes: Retire ~1503 ft of 4 in ST IP main at above location. Total Service Tie-over = 3. This relocation is being done as a public improvement.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	11/11/2016
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	11/14/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	11/15/2016

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$7,311.71	\$7,311.71	\$0.00	\$0.00
376300-Mains - Plastic	\$78,486.36	\$0.00	\$78,486.36	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,516.51	\$0.00	\$1,516.51	\$0.00	\$0.00
Total Estimated Costs:	\$80,002.87	\$7,311.71	\$87,314.58	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801080</p> <p>Work Order Title: Reloc 2127F 2-4-6P Pleasant Val Ph2</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~63 ft of 2 in PL IP main, ~1041 ft of 4 in PL IP main, and ~1023 ft of 6 in PL IP main along Pleasant Valley Rd from N. Indiana to NE 63rd Ter.</p> <p>Major Location: 1274-Gladstone</p> <p>Asset Location: 1274-020045 CLAY CTY/GLADSTONE</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Feb 01, 2017 **Estimated Completion Date:** Mar 01, 2017 **Estimated In-Service Date:** Mar 01, 2017

Notes: Retire ~20 ft of 2 in PL IP main, ~39 ft of 2 in ST IP main, ~26 ft of 4 in ST IP main, and ~1913 ft of 6 in ST IP main at above locations. Total Service Tie-over = 4. This main is being replaced due to public improvement project.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/16/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/23/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	1/23/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$59,016.58	\$59,016.58	\$0.00	\$0.00
376300-Mains - Plastic	\$247,502.84	\$8,209.63	\$255,712.47	\$0.00	\$0.00
Total Estimated Costs:	\$247,502.84	\$67,226.21	\$314,729.05	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801082</p> <p>Work Order Title: Reloc 1862F 4-6P PleasantVal Phase3</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1502 ft of 6in PL IP and ~ 360 ft of 4in PL IP main along Antioch Rd and Pleasant Valley Rd.</p> <p>Major Location: 1274-Gladstone</p> <p>Asset Location: 1274-020045 CLAY CTY/GLADSTONE</p> <p>Estimated Start Date: May 01, 2017 Estimated Completion Date: May 31, 2017 Estimated In-Service Date: May 31, 2017</p> <p>Notes: Abandon 0 ft of pipe - see other phases for related abandonment work (801080 & 801083). Total Service Tie-over = 4. This work is being done due to public improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: completed</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/13/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/21/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$129,721.12	\$0.00	\$129,721.12	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$2,040.06	\$0.00	\$2,040.06	\$0.00	\$0.00
Total Estimated Costs:	\$131,761.18	\$0.00	\$131,761.18	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801084</p> <p>Work Order Title: Reloc 2794F 6P Pleasant Valley Ph 5</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~2794 ft of 6 in PL IP main along Pleasant Valley Rd.</p> <p>Major Location: 1274-Gladstone</p> <p>Asset Location: 1274-020045 CLAY CTY/GLADSTONE</p> <p>Estimated Start Date: Jun 01, 2017 Estimated Completion Date: Jun 30, 2017 Estimated In-Service Date: Jun 30, 2017</p> <p>Notes: Pleasant Valley Rd. Retire ~510 ft of 6 in PL IP main and ~2600 ft of 6 in ST IP main along Pleasant Valley Rd and NE 64th. No services to tie-over or abandon. This main is being relocated due to a public improvement project. Note: 9 feet of 6" Mains Plastic was deleted from the Estimate As-Built since there was nothing PowerPlan could match for retirement. - Mike Griewing</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/22/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/24/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$504.99	\$504.99	\$0.00	\$0.00
376300-Mains - Plastic	\$159,260.35	\$1,884.33	\$161,144.68	\$0.00	\$0.00
Total Estimated Costs:	\$159,260.35	\$2,389.32	\$161,649.67	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801104</p> <p>Work Order Title: Reloc 705F 4P-8S Hwy291 Harisonville</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 325 Ft of 4" PL IP Main, ~380 Ft of 8" ST IP Main.</p> <p>Major Location: 0908-Harrisonville</p> <p>Asset Location: 0908-016007 CASS CTY/HARRISONVILLE N</p> <p>Estimated Start Date: Feb 13, 2017 Estimated Completion Date: Feb 28, 2017 Estimated In-Service Date: Feb 28, 2017</p> <p>Notes: Abandon ~310 Ft of 4" PL IP Main, ~366 Ft of 8" ST IP Main. Total Service Tie-overs: 2. Project Type: Main Relocation (MRELO) for Civic Improvement. MODOT. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 241 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/20/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/23/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	1/23/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$62,666.40	\$3,046.79	\$65,713.19	\$0.00	\$0.00
376300-Mains - Plastic	\$13,145.78	\$190.21	\$13,335.99	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,201.22	\$0.00	\$1,201.22	\$0.00	\$0.00
Total Estimated Costs:	\$77,013.40	\$3,237.00	\$80,250.40	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801115</p> <p>Work Order Title: Repl 535F 2-4P 9th & Forest AOR</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~440 ft of 2 in PL LP main and 95 ft of 4 in PL IP main along Forest Ave and 9th Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: May 15, 2017 Estimated Completion Date: May 29, 2017 Estimated In-Service Date: May 29, 2017</p> <p>Notes: Abandon~ 411 ft of 4 in CI LP main and 83 ft of 6 in CI LP main at above street. Total Service Replace = 1. This main is being replaced due to AOR. Bell joint was exposed at 7' EWCB of Forest and 9' NNCB of 9th. This has a compliance date of May 29, 2017.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/7/2017
Engineering Review-Dist	Hoferlin, Craig	\$0	3/20/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$8,120.22	\$8,120.22	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$912.42	\$912.42	\$0.00	\$0.00
376300-Mains - Plastic	\$42,232.63	\$270.62	\$42,503.25	\$0.00	\$0.00
Total Estimated Costs:	\$42,232.63	\$9,303.26	\$51,535.89	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801119</p> <p>Work Order Title: Repl 2794F 2P 34th and Pearl</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 2794 ft of 2 in PL MP main on Sergeant Ave, Moffet Ave, 34th St, Pearl Ave, and the alley between 33rd and 34th St across from Pearl.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Feb 01, 2017 Estimated Completion Date: May 03, 2017 Estimated In-Service Date: May 03, 2017</p> <p>Notes: Abandon 44 Ft of 2 in PL MP main, 8 Ft of 3 in PL MP main, and 2841 Ft of 2 in ST MP main at the above locations. Total Service Tie-over = 39; Total Service Replace = 1; Total Abandon = 1. This main is being abandoned as part of FY17 Bare Steel Replacement Program. Replace above main due to three number three leaks Leak Nos 478044, 478514, 478550.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/24/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	2/1/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/6/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,460.36	\$5,460.36	\$0.00	\$0.00
376300-Mains - Plastic	\$103,594.01	\$1,051.61	\$104,645.62	\$0.00	\$0.00
380100-Services - Steel	\$157.61	\$0.00	\$157.61	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$20,946.36	\$0.00	\$20,946.36	\$0.00	\$0.00
Total Estimated Costs:	\$124,697.98	\$6,511.97	\$131,209.95	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801136</p> <p>Work Order Title: Reloc 1187F 4P 27th - 22nd Phase 2</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install - 1187 Ft of 4 in PL IP main on Main St between 25th and 22nd streets.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Jan 26, 2017 Estimated Completion Date: Mar 31, 2017 Estimated In-Service Date: Mar 31, 2017</p> <p>Notes: Main Street Relocation and Uprate 27th - Abandon - 53 Ft of 2 in PL LP main, 7 Ft of 3 in PL LP main, and 1179 Ft of 4 in PL LP main at the above locations. Uprate- 588 Ft pf 4 in PL LP main, and 180 Ft of 2 in PL LP main at the above locations. Total Service Tie over = 18; Total Service Upgrade = 9; This main is being abandoned due to Civic Improvements. ISRS.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/20/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/23/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	1/23/2017

***** Unit Estimate *****						
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage	
376300-Mains - Plastic	\$68,435.01	\$1,295.33	\$69,730.34	\$0.00	\$0.00	
380200-Services - Plastic & Copper	\$14,235.78	\$0.00	\$14,235.78	\$0.00	\$0.00	
Total Estimated Costs:	\$82,670.79	\$1,295.33	\$83,966.12	\$0.00	\$0.00	

Work Order Authorization Information

Header Detail

<p>Work Order: 801137</p> <p>Work Order Title: Reloc 3735F 2-4P 22nd - 15th Phase3</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install - 3425 Ft of 4 in PL IP main and 310 Ft of 2 in PL IP main on Main St between 22nd and 15th streets.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: completed</p>
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Estimated Start Date: Feb 20, 2017 **Estimated Completion Date:** Mar 01, 2017 **Estimated In-Service Date:** Mar 01, 2017

Notes: Abandon - 274 Ft of 2 in PL LP main, 179 Ft of 2 in ST LP main, 237 Ft of 3 in PL LP main, 2705 Ft of 4 in PL LP main and 242 Ft of 4 in ST IP main at the above locations. Uprate ~ 444 Ft of 4 in PL LP main, 296 Ft of 3 in PL LP main, and 40 Ft of 2 in PL LP main at the above locations. Total Service Tie over = 44; Total Service Upgrade = 8. This main is being abandoned due to Civic Improvements. ISRS. Main Street Relocation and Uprate 22nd - 15th Phase 3 Joplin - IUI

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/28/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/2/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/2/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$2,095.37	\$1,107.94	\$3,203.31	\$0.00	\$0.00
376300-Mains - Plastic	\$185,841.27	\$6,438.44	\$192,279.71	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$22,242.20	\$0.00	\$22,242.20	\$0.00	\$0.00
Total Estimated Costs:	\$210,178.84	\$7,546.38	\$217,725.22	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801150</p> <p>Work Order Title: Reloc 4341F 2-4P Oakwood & Hines</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 3,909 Ft of 4 in PL IP main and 432 Ft of 2 in PL IP along Oakwood Ave and Hines Street in Republic.</p> <p>Major Location: 0812-Republic</p> <p>Asset Location: 0812-034002 GREENE CTY/REPUBLIC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Feb 20, 2017 **Estimated Completion Date:** Mar 30, 2017 **Estimated In-Service Date:** Mar 30, 2017

Notes: Abandon 405 Ft of 2 in PL IP main, 30 Ft of 4 in PL IP main and 3,905 Ft of 4 in ST IP main at the above locations. Total Service Tie-over = 12. Main being replaced due to civic improvements.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/5/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	2/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	2/7/2018

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$760.88	\$760.88	\$0.00	\$0.00
376300-Mains - Plastic	\$208,758.26	\$6,902.05	\$215,660.31	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$9,850.34	\$0.00	\$9,850.34	\$0.00	\$0.00
Total Estimated Costs:	\$218,608.60	\$7,662.93	\$226,271.53	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801178</p> <p>Work Order Title: Reloc 100F 6S 57th & Norfleet Rd</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 100' of 6" STL. Abandon ~90' of 6" STL. 1 Service Tie over.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Feb 13, 2017 Estimated Completion Date: Feb 16, 2017 Estimated In-Service Date: Feb 16, 2017</p> <p>Notes: This project is due to Civic Improvement. Per Ryan Modesitt the Estimate and the As Built are properly reflected with a difference in footage of 45 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/31/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	2/6/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$14,719.69	\$1,744.05	\$16,463.74	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$505.50	\$0.00	\$505.50	\$0.00	\$0.00
Total Estimated Costs:	\$15,225.19	\$1,744.05	\$16,969.24	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801184</p> <p>Work Order Title: Repl 540F 12S Bannister & BlueRiver</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~540 ft of 12 in ST FP main at Blue River Rd, south of Bannister.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Feb 06, 2017 **Estimated Completion Date:** Feb 28, 2017 **Estimated In-Service Date:** Feb 28, 2017

Notes: Abandon ~500 ft of 10 in ST FP main at above location. No services to tie-over. This main is being replaced due to a leak. Per Hank Weck the Estimate and the As Built are properly reflected with a difference in footage of 363 Feet.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/5/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	2/6/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$158,086.24	\$43,093.86	\$201,180.10	\$0.00	\$0.00
Total Estimated Costs:	\$158,086.24	\$43,093.86	\$201,180.10	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801191</p> <p>Work Order Title: Reloc 1130F 4P TX/AZ 20th to 22nd</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 830 Ft of 4 in PL MP Main on Texas Ave between 20th St & 22nd St and 300 Ft of 4 in PL IP Main on Arizona Ave between 20th St & 22nd St.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: May 08, 2017 Estimated Completion Date: May 31, 2017 Estimated In-Service Date: May 31, 2017</p> <p>Notes: Abandon 790 Ft of 4 in ST MP Main on Texas Ave between 20th St & 22nd St and 200 Ft of 4 in PL IP Main on Arizona Ave between 20th St & 22nd St. Total Service Tie-Over = 19. Main being replaced due to Civic Improvements. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 798 Feet.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/2/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	5/9/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/10/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,060.69	\$1,060.69	\$0.00	\$0.00
376300-Mains - Plastic	\$78,032.05	\$190.21	\$78,222.26	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$9,604.59	\$0.00	\$9,604.59	\$0.00	\$0.00
Total Estimated Costs:	\$87,636.64	\$1,250.90	\$88,887.54	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801219</p> <p>Work Order Title: Repl 5080F 2-4P 39th & S Main St</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0604</p> <p>Funding Project Desc: Main Replacement - ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~3490 Ft of 2" PL IP Main, ~1590 Ft of 4" PL IP Main.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: May 01, 2017 Estimated Completion Date: Jun 02, 2017 Estimated In-Service Date: Jun 02, 2017</p> <p>Notes: Abandon ~130 Ft of 2" PL IP Main, ~792 Ft of 2" ST IP Main, ~4217 Ft of 4" ST IP Main, ~10 Ft of 6" PL IP Main. Total Service Tie-over: 95, Service Replacements: 12 (156 Ft). Project will clear 5 active leaks. Project Type: Strategic Main Replacement (MREPL).</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/13/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/21/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,436.06	\$2,436.06	\$0.00	\$0.00
376300-Mains - Plastic	\$109,498.90	\$1,028.63	\$110,527.53	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$51,161.80	\$0.00	\$51,161.80	\$0.00	\$0.00
Total Estimated Costs:	\$160,660.70	\$3,464.69	\$164,125.39	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801238</p> <p>Work Order Title: Repl 1368F 4-6P Kansas & 22nd</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~303 ft of 4in PL MP main and ~1065 ft of 6in PL MP main along 22nd Street and Kansas Ave.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Apr 17, 2017 Estimated Completion Date: May 01, 2017 Estimated In-Service Date: May 01, 2017</p> <p>Notes: Abandon ~ 286 ft of 4in CI LP main at Kansas Ave. Tie-over 6 services. This main is being replaced due to a leak. This has a compliance date of 05/01/2017.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	2/21/2017
VP Field Operations-MGE	Hampton, Joe	\$500,000	2/22/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,248.09	\$3,248.09	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$3,644.04	\$3,644.04	\$0.00	\$0.00
376300-Mains - Plastic	\$101,615.39	\$0.00	\$101,615.39	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$3,033.03	\$0.00	\$3,033.03	\$0.00	\$0.00
Total Estimated Costs:	\$104,648.42	\$6,892.13	\$111,540.55	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801242</p> <p>Work Order Title: Repl 30F 6P 37th & Pennsylvania AOR</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~ 30 ft of 6 in PL LP main on Pennsylvania Street.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 12, 2017 Estimated Completion Date: Jun 27, 2017 Estimated In-Service Date: Jun 27, 2017</p> <p>Notes: Abandon ~ 30 ft of 6 in CI LP main at above location. This main is being replaced due to AOR. Bell joint was exposed at 6' WECL of Penn and 293' NNCL of W 37th. This has a compliance date of 6/27/2017. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 9 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/30/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/9/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/10/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$2,906.66	\$2,906.66	\$0.00	\$0.00
376300-Mains - Plastic	\$23,897.04	\$345.42	\$24,242.46	\$0.00	\$0.00
Total Estimated Costs:	\$23,897.04	\$3,252.08	\$27,149.12	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801253</p> <p>Work Order Title: Repl 727F 2P 313 S Oak St</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 727 Ft of 2 in PL LP main along Oak Street between Locust and College Streets in Aurora.</p> <p>Major Location: 0809-Aurora</p> <p>Asset Location: 0809-050003 LAWRENCE CTY/AURORA</p> <p>Estimated Start Date: Apr 03, 2017 Estimated Completion Date: May 01, 2017 Estimated In-Service Date: May 01, 2017</p> <p>Notes: Abandon 4 Ft of 2in PL LP main and 727 Ft of 2in ST LP main at the above locations. Total Service Tie-Over: 17. Main being replaced due to #3 Leak due 06/27/2017 and bare steel replacement.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/23/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	4/5/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/6/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,967.71	\$1,967.71	\$0.00	\$0.00
376300-Mains - Plastic	\$30,520.88	\$43.18	\$30,564.06	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$9,025.35	\$0.00	\$9,025.35	\$0.00	\$0.00
Total Estimated Costs:	\$39,546.23	\$2,010.89	\$41,557.12	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801269</p> <p>Work Order Title: Repl 300F 4P Independence/Chestnut</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~300 ft of 4 in PL LP main at Independence Ave.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Mar 27, 2017 Estimated Completion Date: Mar 31, 2017 Estimated In-Service Date: Mar 31, 2017</p> <p>Notes: Abandon ~300 ft of 4 in CI LP main at above address. Total Service Tie-over = 5. This main is being replaced due to a leak.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/20/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/20/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$7,014.45	\$7,014.45	\$0.00	\$0.00
376300-Mains - Plastic	\$51,719.45	\$0.00	\$51,719.45	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$2,527.52	\$0.00	\$2,527.52	\$0.00	\$0.00
Total Estimated Costs:	\$54,246.97	\$7,014.45	\$61,261.42	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801284</p> <p>Work Order Title: Repl 5625F 2-4P Elliot & Hwy K</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 3481 ft of 2 in PL IP main and 2144 ft of 4 in PL IP main on E Crescent St, Cofield St, Elliot Ave, Tyndall St, Myrtle St, Oak Ave, Delta St, and High St.</p> <p>Major Location: 0809-Aurora</p> <p>Asset Location: 0809-050003 LAWRENCE CTY/AURORA</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Mar 13, 2017 **Estimated Completion Date:** Jun 30, 2017 **Estimated In-Service Date:** Jun 30, 2017

Notes: Abandon 183 Ft of 1 1/4 in PL LP main, 37 Ft of 2 in PL LP main, 55 Ft of 1 1/4 in ST LP main, 5677 Ft of 2 in ST LP main, and 5 Ft of 4 in ST LP main at the above locations. Uprate 1548 ft of 2 in PL LP main on High St and Delta St. Total Service Tie-over = 40; Total Service Replace = 3; Total Service Abandonments = 15; Total Service Upgrade = 9. This main is being replaced as part of FY17 Bare Steel Replacement Program. 3 - #3 Leaks due by July 2017. Note: 41 feet of 1 1/4" Mains Steel was deleted from the Estimate As-Built since there was nothing PowerPlan could match for retirement. - Mike Griewing

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/10/2017
Engineering Review-Dist	Hoferlin, Craig	\$0	3/20/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/21/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$12,003.36	\$12,003.36	\$0.00	\$0.00
376300-Mains - Plastic	\$248,727.72	\$399.69	\$249,127.41	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$3,866.73	\$0.00	\$3,866.73	\$0.00	\$0.00
Total Estimated Costs:	\$252,594.45	\$12,403.05	\$264,997.50	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801293</p> <p>Work Order Title: Reloc 1324F 6P 32nd St Central City</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 1324 Ft of 6 in PL IP main at the intersection of 32nd Street and Central City due to a proposed round-about in Joplin.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: May 15, 2017 Estimated Completion Date: May 26, 2017 Estimated In-Service Date: May 26, 2017</p> <p>Notes: Abandon 955 Ft of 6 in PL IP main at the above location. Total Service Tie-Over: 2. Main being replaced due to proposed civic improvements.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/22/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/24/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$102,773.45	\$466.80	\$103,240.25	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$293.58	\$0.00	\$293.58	\$0.00	\$0.00
Total Estimated Costs:	\$103,067.03	\$466.80	\$103,533.83	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801323</p> <p>Work Order Title: Repl 2814F 2-4-8P WalnutNolandCrane</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0604</p> <p>Funding Project Desc: Main Replacement - ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 160 2" PL LP Main, 31 4" PL LP Main, 2623 8" PL LP Main along Noland Road, Walnut Street, Hocker Road, and Emery Street.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jan 30, 2018	Estimated Completion Date: Mar 05, 2018	Estimated In-Service Date: Mar 05, 2018
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Notes: Abandon 2580 Ft of 8 in CI LP Main, 14 Ft of 6 in PL LP Main, 147 Ft of 2 in ST LP Main, 23 Ft of 4 in ST LP Main, 3 Ft of 8 in ST LP Main on the above mentioned streets. Total Service Tie-over = 48; Total Service Replacement = 4; Total Service Abandoned = 5. This main is being replaced due to **leaks** and as part of FY18 Cast Iron Replacement Program.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/28/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/2/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/2/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$8,055.44	\$8,055.44	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$3,612.31	\$3,612.31	\$0.00	\$0.00
376300-Mains - Plastic	\$391,211.80	\$853.46	\$392,065.26	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$462.10	\$462.10	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$4,070.14	\$0.00	\$4,070.14	\$0.00	\$0.00
Total Estimated Costs:	\$395,281.94	\$12,983.31	\$408,265.25	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801349</p> <p>Work Order Title: Reloc 297F 4P F2005 Project Joplin</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 297 Ft of 4 in PL IP main at between S Wall Ave and S Joplin Ave along 18th Street in Joplin.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Sep 04, 2017 Estimated Completion Date: Oct 02, 2017 Estimated In-Service Date: Oct 02, 2017</p> <p>Notes: Abandon 50 Ft of 2 in PL IP main, 15 Ft of 4 PL IP main and 242 Ft of 4 in ST IP main at the above locations. Total Service Tie-Over = 4. Main being replaced due to Civic Improvements.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/12/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/13/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$380.45	\$380.45	\$0.00	\$0.00
376300-Mains - Plastic	\$19,554.23	\$2,496.43	\$22,050.66	\$0.00	\$0.00
Total Estimated Costs:	\$19,554.23	\$2,876.88	\$22,431.11	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801353</p> <p>Work Order Title: Reloc 3542F 2-4-6P S School Rd</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 3,312' of 6" PE, 130' of 4" PE, and 100' of 2" PE.</p> <p>Major Location: 0923-Peculiar</p> <p>Asset Location: 0923-016020 CASS CTY/PECULIAR</p> <p>Estimated Start Date: May 01, 2017 Estimated Completion Date: May 12, 2017 Estimated In-Service Date: May 12, 2017</p> <p>Notes: Abandon 62' of 2" PE, 1978' of 4" PE, and 1,421' of 4" PE. Tie over 7 services. This project is due to public improvement project that is widening S School Rd.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/17/2017
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	4/21/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$210,151.88	\$3,645.93	\$213,797.81	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$3,538.53	\$0.00	\$3,538.53	\$0.00	\$0.00
Total Estimated Costs:	\$213,690.41	\$3,645.93	\$217,336.34	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801361</p> <p>Work Order Title: Reloc 370F 2P Bennington Widening</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Abandon ~219ft of 2in ST Bare and abandon ~139ft of 2in ST Coated and replace with ~370ft of 2in PL IP for road widening city project.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Sep 18, 2017 Estimated Completion Date: Sep 29, 2017 Estimated In-Service Date: Sep 29, 2017</p> <p>Notes:</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/12/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/13/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$876.14	\$876.14	\$0.00	\$0.00
376300-Mains - Plastic	\$24,299.88	\$0.00	\$24,299.88	\$0.00	\$0.00
Total Estimated Costs:	\$24,299.88	\$876.14	\$25,176.02	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801381</p> <p>Work Order Title: Reloc 447F 2-4-8 S&P Gene Field</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~ 25 ft of 2 in IP ST main, ~ 95 ft of 4 IP ST main, and ~ 327 ft of 8 in IP PE main.</p> <p>Major Location: 1001-St. Joseph</p> <p>Asset Location: 1001-010001 ST. JOSEPH CITY/BUCHANAN</p> <p>Estimated Start Date: Apr 24, 2017 Estimated Completion Date: Apr 27, 2017 Estimated In-Service Date: Apr 27, 2017</p> <p>Notes: Relocate Regulation station and pipe due to MODOT project at Gene Field Rd and Belt Hwy. Abandon ~31 ft of 2 in IP ST main, ~ 21 ft of 3 in MP PE main, and ~ 336 ft of 4 in MP ST main. Uprate~ 1139' of 3 inch MP PE main. Services - Uprate 2 services - Abandoned Reg Station WO# 01381301 -New Reg Station WO# 01517701</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/25/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/26/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/27/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$17,704.26	\$8,867.95	\$26,572.21	\$0.00	\$0.00
376300-Mains - Plastic	\$37,523.29	\$409.23	\$37,932.52	\$0.00	\$0.00
Total Estimated Costs:	\$55,227.55	\$9,277.18	\$64,504.73	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801383</p> <p>Work Order Title: Reloc 2727F 4-6P Truman Farm Trail</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 2439' of 6" PE and ~288' of 4" PE.</p> <p>Major Location: 0904-Grandview</p> <p>Asset Location: 0904-043030 JACKSON CTY/GRANDVIEW</p> <p>Estimated Start Date: May 22, 2017 Estimated Completion Date: Jun 09, 2017 Estimated In-Service Date: Jun 09, 2017</p> <p>Notes: Abandon ~ 2194' of 4" STL and ~ 351' of 6" STL. Tie Over 21 services. This relocation is due to civic improvement project. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 974 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/9/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/16/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/16/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,707.37	\$3,707.37	\$0.00	\$0.00
376300-Mains - Plastic	\$144,406.16	\$0.00	\$144,406.16	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$10,615.59	\$0.00	\$10,615.59	\$0.00	\$0.00
Total Estimated Costs:	\$155,021.75	\$3,707.37	\$158,729.12	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801386</p> <p>Work Order Title: Reloc 1892F 2-6P 15th & Delaware</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1856 Ft of 2 in PL IP main and ~36 FT of 6 in PL IP main along Delaware Ave and 15th Street as required by Public Improvements.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Aug 01, 2017 Estimated Completion Date: Aug 14, 2017 Estimated In-Service Date: Aug 14, 2017</p> <p>Notes: Abandon ~ 23 Ft of 2 in PL IP main, ~20 Ft of 6 in PL IP main, ~25 Ft of 2 in ST IP main, ~58 Ft of 2 in PL MP main and ~1772 Ft of 2 in ST MP main at the above locations. Total Service TieOvers: 11. Total Service Abandons: 6. Project due to Public Improvements.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/27/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	8/1/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	8/1/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
376300-Mains - Plastic	\$68,172.20	\$1,236.72	\$69,408.92	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$7,909.18	\$0.00	\$7,909.18	\$0.00	\$0.00
Total Estimated Costs:	\$76,081.38	\$1,236.72	\$77,318.10	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801393</p> <p>Work Order Title: Reloc 512F 2S 6th & Benton</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~512 Ft of 2 in ST MP main on S 6th St.</p> <p>Major Location: 1002-Savannah</p> <p>Asset Location: 1002-002001 ANDREW CTY/SAVANNAH</p> <p>Estimated Start Date: Jul 18, 2017 Estimated Completion Date: Aug 01, 2017 Estimated In-Service Date: Aug 01, 2017</p> <p>Notes: Road improvement project for the city of Savannah on 6th St from Benton St to W Nelson St. Project Number: STP-9900(122). Abandon ~405 Ft of 2 in MP ST main, ~61 Ft of 4 in ST MP main on S 6th St. Total Service Tie-over = 3. This main is being replaced due to a civic improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/22/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	6/22/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	6/22/2017

**** Unit Estimate ****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$26,528.94	\$4,889.79	\$31,418.73	\$0.00	\$0.00
Total Estimated Costs:	\$26,528.94	\$4,889.79	\$31,418.73	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801407</p> <p>Work Order Title: Reloc 1270F 4P Pleasant Valley Ph 4</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: #801407 replaced #801083 - Canceled WO #801083. Install ~1270 ft of 4in PL IP main along NE Antioch Rd.</p> <p>Major Location: 1274-Gladstone</p> <p>Asset Location: 1274-020045 CLAY CTY/GLADSTONE</p> <p>Estimated Start Date: Jun 01, 2017 Estimated Completion Date: Jul 03, 2017 Estimated In-Service Date: Jul 03, 2017</p> <p>Notes: Abandon ~ 1112 ft of 4 in ST IP main along NE Antioch Rd. Total Service Tie-over = 1; Total Service Replace = 1. This main is being relocated due to public improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/21/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/21/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$12,661.06	\$12,661.06	\$0.00	\$0.00
376300-Mains - Plastic	\$83,212.02	\$336.00	\$83,548.02	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,540.05	\$0.00	\$1,540.05	\$0.00	\$0.00
Total Estimated Costs:	\$84,752.07	\$12,997.06	\$97,749.13	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801410</p> <p>Work Order Title: Repl 612F 2P 26th Terr & Topping</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~612 ft of 2 in PL LP main at 26th Terr. & Topping</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 26, 2017 Estimated Completion Date: Jul 10, 2017 Estimated In-Service Date: Jul 10, 2017</p> <p>Notes: Abandon ~588 ft of 2 in ST LP main at above street. Total Service Tie-over = 7; Total Service Replace = 1. Pipe is be replaced to due leaks and poor pipe condition.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/22/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	6/22/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	6/22/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,738.57	\$2,738.57	\$0.00	\$0.00
376300-Mains - Plastic	\$32,376.97	\$0.00	\$32,376.97	\$0.00	\$0.00
Total Estimated Costs:	\$32,376.97	\$2,738.57	\$35,115.54	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801428</p> <p>Work Order Title: Repl 1530F 2-4P S Pearl & E Angus</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0604</p> <p>Funding Project Desc: Main Replacement - ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install - 50 Ft of 2 in PL LP Main, and 1480 Ft of 4 in PL LP Main on S Pearl St, Devon St, E Hereford Ave, and E Angus St.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Apr 21, 2018 Estimated Completion Date: Jul 02, 2018 Estimated In-Service Date: Jul 02, 2018</p> <p>Notes: S Pearl St & E Angus St. Abandon - 3 Ft of 2 in PL LP Main, and 80 Ft of 4 in PL LP Main, and 5 Ft of 2 in ST LP Main, and 1404 Ft of 4 in ST LP Main at the above locations. Total Service Tie Over = 31; Total Service Abandon = 2. These mains are being replaced due to leaks and is part of FY18 Bare Steel Replacement Program.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/8/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/10/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/10/2018

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$8,305.50	\$8,305.50	\$0.00	\$0.00
376300-Mains - Plastic	\$154,366.85	\$1,006.79	\$155,373.64	\$0.00	\$0.00
Total Estimated Costs:	\$154,366.85	\$9,312.29	\$163,679.14	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801436</p> <p>Work Order Title: Reloc 845F 2&6P 51st & Grand</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 490' of 2" PL and ~355' of 6" PL.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Jun 05, 2017 Estimated Completion Date: Jun 16, 2017 Estimated In-Service Date: Jun 16, 2017</p> <p>Notes: Abandon ~240' of 6" STL, ~100' of 4" STL, and ~524' of 2" STL. Tie over 10 services. Replace 1 STL service. This relocation is due to civic improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/9/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/9/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/10/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$7,245.60	\$7,245.60	\$0.00	\$0.00
376300-Mains - Plastic	\$42,370.09	\$0.00	\$42,370.09	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$5,924.58	\$0.00	\$5,924.58	\$0.00	\$0.00
Total Estimated Costs:	\$48,294.67	\$7,245.60	\$55,540.27	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801439</p> <p>Work Order Title: Repl 15F 24S 55th & Indiana - Valve</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~ 15 ft of 24 in ST IP main at Indiana and 55th.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Sep 11, 2017 **Estimated Completion Date:** Sep 15, 2017 **Estimated In-Service Date:** Sep 15, 2017

Notes: Abandon ~15 ft of 24 in ST IP main at above location. No services to tie-over or replace. This main is being replaced due to 24 in ST Valve needs to be removed due to **corrosion/leaking**. TDW will need to stopple 24 in ST main for job. The 20in steel pipe in the CU estimate is used as a place holder. Maximo gave an error when trying to use 24in steel pipe. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 5 Feet.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	8/11/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	8/15/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	8/16/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$119,942.80	\$34,044.05	\$153,986.85	\$0.00	\$0.00
Total Estimated Costs:	\$119,942.80	\$34,044.05	\$153,986.85	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801443</p> <p>Work Order Title: Reloc 863F 4S 4-6P 20th & Murphy</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~25 Ft of 4 in ST IP main, 25 Ft of 4 in ST MP main, 125 Ft of 4 in PL IP main and 688 FT of 6 in PL MP main along Murphy Blvd, 20th Street and Highview Ave as required by Public Improvements.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jun 29, 2017 Estimated Completion Date: Jul 29, 2017 Estimated In-Service Date: Jul 29, 2017</p> <p>Notes: Abandon ~ 585 Ft of 4 in PL IP main, 37 Ft of 4 in ST IP main and 501 Ft of 6 in ST MP main at the above locations. Total Service Abandons = 2. Project due to Public Improvements.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/11/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	7/17/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	7/17/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$3,299.59	\$190.47	\$3,490.06	\$0.00	\$0.00
376300-Mains - Plastic	\$66,696.67	\$6,841.52	\$73,538.19	\$0.00	\$0.00
Total Estimated Costs:	\$69,996.26	\$7,031.99	\$77,028.25	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801447</p> <p>Work Order Title: Reloc 16F 2S 7013 N Baltimore</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~16 ft of 2 in ST MP main at N Baltimore.</p> <p>Major Location: 1274-Gladstone</p> <p>Asset Location: 1274-020045 CLAY CTY/GLADSTONE</p> <p>Estimated Start Date: Jun 26, 2017 Estimated Completion Date: Jun 30, 2017 Estimated In-Service Date: Jun 30, 2017</p> <p>Notes: Retire ~ 12 ft of 2 in ST MP main at above location. No service to tie-over. This main is being relocated due to conflict with new storm box. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 14 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/22/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/24/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$14,612.87	\$356.16	\$14,969.03	\$0.00	\$0.00
Total Estimated Costs:	\$14,612.87	\$356.16	\$14,969.03	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801501</p> <p>Work Order Title: Reloc 35F 2P 83rd & Ash</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 35' of 2" PL. Abandon ~ 95' of 2" STL due to conflict with civic improvement project. Tie over 1 service.</p> <p>Major Location: 0902-Raytown</p> <p>Asset Location: 0902-043025 JACKSON CTY/RAYTOWN</p> <p>Estimated Start Date: Jul 12, 2017 Estimated Completion Date: Jul 14, 2017 Estimated In-Service Date: Jul 14, 2017</p> <p>Notes: Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 26 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	6/9/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	6/15/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	6/19/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,888.23	\$2,888.23	\$0.00	\$0.00
376300-Mains - Plastic	\$2,264.49	\$0.00	\$2,264.49	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$505.50	\$0.00	\$505.50	\$0.00	\$0.00
Total Estimated Costs:	\$2,769.99	\$2,888.23	\$5,658.22	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801509</p> <p>Work Order Title: Reloc 260F 4P Englewood ArtDistrict</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~260 ft of 4" PL LP Main Abandon ~235 ft of 4" ST LP Main Project Type: Main Relocation (MRELO) due to Civic Improvement.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Aug 28, 2017</p> <p>Notes:</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Sep 01, 2017</p> <p>Estimated In-Service Date: Sep 01, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	8/28/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/1/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/1/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$6,505.88	\$6,505.88	\$0.00	\$0.00
376300-Mains - Plastic	\$23,838.73	\$0.00	\$23,838.73	\$0.00	\$0.00
Total Estimated Costs:	\$23,838.73	\$6,505.88	\$30,344.61	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801555</p> <p>Work Order Title: Reloc 2730F 2-6P Ward-Tudor Donovan</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 75 ft of 2" PL IP Main, ~ 2655 ft of 6" PL IP Main.</p> <p>Major Location: 0901-Lee's Summit</p> <p>Asset Location: 0901-043021 JACKSON CTY/LEE'S SUMMIT OFFIC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Jul 10, 2017 **Estimated Completion Date:** Jul 14, 2017 **Estimated In-Service Date:** Jul 14, 2017

Notes: Relocate 6" and 2" plastic main to allow City to widen Ward Road. Main was installed on the east side of Ward Road in the R-O-W. City is turning the 2 lane road into a divided 4 lane road. Portions of our existing main are in direct conflict with the new lanes. The rest of the existing main would be in the median under concrete with numerous traffic control road signs and signals. Future planned development would be difficult to serve by tapping the main in the median. Therefore we plan to relocate the 6" plastic main to the east side of the new northbound lanes and will install in a newly platted utility easement. Install ~ 75 ft of 2" PL IP Main, ~ 2655 ft of 6" PL IP Main. Abandon ~ 203 ft of 2" PL IP Main, ~27 ft of 4" PL IP , ~ 2547 ft of 6" PL IP Main. Project Type: Main Relocation (MRELO).

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	7/10/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	7/11/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$111,346.21	\$7,535.96	\$118,882.17	\$0.00	\$0.00
Total Estimated Costs:	\$111,346.21	\$7,535.96	\$118,882.17	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801556</p> <p>Work Order Title: Reloc 325F 4P 155th & Barat Ave</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~325 ft of 4" PL MP Main.</p> <p>Major Location: 0904-Grandview</p> <p>Asset Location: 0904-043030 JACKSON CTY/GRANDVIEW</p> <p>Estimated Start Date: Jun 20, 2017 Estimated Completion Date: Jun 22, 2017 Estimated In-Service Date: Jun 22, 2017</p> <p>Notes: Relocate and abandon 325' - 4" coated steel main due to conflict with MoDOT Project J4P2256. They are cutting over 10' off the bank on the South side of 155th St. Abandon ~316 ft of 4" ST MP Main. Project Type: Civic Improvement Main Relocation (MRELO).</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/6/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	7/7/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	7/7/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,043.47	\$5,043.47	\$0.00	\$0.00
376300-Mains - Plastic	\$26,557.71	\$1,054.10	\$27,611.81	\$0.00	\$0.00
Total Estimated Costs:	\$26,557.71	\$6,097.57	\$32,655.28	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801579</p> <p>Work Order Title: Reloc 320F 4P N Chatham Sth of 64th</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~320 ft of 4 in PL IP main along N Chatham.</p> <p>Major Location: 1251-KC/MO - Platte Co.</p> <p>Asset Location: 1251-075010 PLATTE CTY/KANSAS CITY NORTH</p> <p>Estimated Start Date: Nov 06, 2017 Estimated Completion Date: Dec 04, 2017 Estimated In-Service Date: Dec 04, 2017</p> <p>Notes: Retire ~67 ft of 2 in PL IP main and ~396 ft of 4 in PL IP main at same location. No services to tie-over or replace. This work is being done due to public improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/12/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/13/2017

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$19,135.32	\$1,904.97	\$21,040.29	\$0.00	\$0.00
Total Estimated Costs:	\$19,135.32	\$1,904.97	\$21,040.29	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801580</p> <p>Work Order Title: Reloc 1075F 4P 19th & Norwood</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1075 ft of 4" PL LP Main. Abandon ~519 ft of 2" ST LP Main, ~510 ft of 4" ST LP Main.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Sep 26, 2017 Estimated Completion Date: Sep 29, 2017 Estimated In-Service Date: Sep 29, 2017</p> <p>Notes: Service Tie over= 16. Project is a Main Relocation due to Civic Improvement. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 286 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	9/10/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/12/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/13/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$9,051.27	\$9,051.27	\$0.00	\$0.00
376300-Mains - Plastic	\$58,429.56	\$0.00	\$58,429.56	\$0.00	\$0.00
Total Estimated Costs:	\$58,429.56	\$9,051.27	\$67,480.83	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801586</p> <p>Work Order Title: Reloc 49F 2S Smithville @ Hawthorne</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 2</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Relocate 49 ft if 2 in MP ST. Abandon 20 ft of 2 in MP ST Relocation due to conflicts with a storm box.</p> <p>Major Location: 1202-Smithville</p> <p>Asset Location: 1202-020006 CLAY CTY/SMITHVILLE</p> <p>Estimated Start Date: Jul 24, 2017 Estimated Completion Date: Jul 25, 2017 Estimated In-Service Date: Jul 25, 2017</p> <p>Notes: Civic Improvement Project to install new sewer lines, water lines, storm sewer, paving and curbs. Project Number # 100033409. Project is currently under way, this WO needs to be rushed. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 1770 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	7/27/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	8/2/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	8/2/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$11,140.45	\$2,307.33	\$13,447.78	\$0.00	\$0.00
Total Estimated Costs:	\$11,140.45	\$2,307.33	\$13,447.78	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801595</p> <p>Work Order Title: Reloc 30F 4S 3rd and Jay St</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 30 Ft of 4 in ST IP main south of the intersection of 3rd St and Jay St in Ozark.</p> <p>Major Location: 0815-Ozark</p> <p>Asset Location: 0815-019006 CHRISTIAN CTY/OZARK</p> <p>Estimated Start Date: Sep 25, 2017 Estimated Completion Date: Sep 27, 2017 Estimated In-Service Date: Sep 27, 2017</p> <p>Notes: Abandon 20 Ft of 3 in ST IP main at the above location. Total Service Tie-Over: 0. Main being replaced due to proposed civic improvements. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 10 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/7/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	12/7/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	12/7/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$6,509.91	\$3,706.20	\$10,216.11	\$0.00	\$0.00
Total Estimated Costs:	\$6,509.91	\$3,706.20	\$10,216.11	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801602</p> <p>Work Order Title: Repl 30F 8P Topping & Smart AOR</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~ 30 ft of 8 in PL LP main along Topping Street. Abandon ~ 30 ft of 8 in CI LP main at same location.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jan 03, 2018 Estimated Completion Date: Jan 10, 2018 Estimated In-Service Date: Jan 10, 2018</p> <p>Notes: This main is being replaced due to AOR. Bell joint was exposed 4 ft west of the east curb of Topping and 8 ft south of the north curb of Smart. This has a compliance date of 1/10/2018.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	8/28/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	9/1/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	9/1/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$1,556.03	\$1,556.03	\$0.00	\$0.00
376300-Mains - Plastic	\$23,031.77	\$0.00	\$23,031.77	\$0.00	\$0.00
Total Estimated Costs:	\$23,031.77	\$1,556.03	\$24,587.80	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801627</p> <p>Work Order Title: Repl 1295F 2-3-4P Leaks on Fairview</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: System Integrity</p> <p>WO Description: Install ~ 1200 Ft. of 2 in. PL LP Main, ~ 10 Ft. of 3 in. PL LP Main, and ~ 85 Ft. of 4 in. PL LP Main on W Fairview Ave., S Maple St., S Main St., and Grand Ave.</p> <p>Major Location: 0601-Carthage</p> <p>Asset Location: 0601-044025 JASPER CTY/CARTHAGE</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Feb 12, 2018 **Estimated Completion Date:** Apr 02, 2018 **Estimated In-Service Date:** Apr 02, 2018

Notes: Replacement due to leaks along Fairview Ave from Maple to Grand in Carthage. Abandon 5 Ft of 3 in. PL LP Main, 621 Ft of 2 in. ST LP Main, 414 Ft of 3 in. ST LP Main on the above mentioned streets. Total Service Tie-over = 7; Total Service Abandoned = 1. This main is being replaced due to CP deficiencies and as part of FY18 Bare Steel Replacement Program. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 330 Feet.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/19/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	1/22/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/22/2018

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$8,012.23	\$8,012.23	\$0.00	\$0.00
376300-Mains - Plastic	\$78,890.41	\$447.34	\$79,337.75	\$0.00	\$0.00
Total Estimated Costs:	\$78,890.41	\$8,459.57	\$87,349.98	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801662</p> <p>Work Order Title: Reloc 1927F 4-6P Griffith Place</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 1673' of 4" PE and ~254' of 6" PE. Abandon ~ 276' of 6" STL and 1604' of 6" STL. 16 total service tie overs. This relocation is necessary due to civic improvement project.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Nov 06, 2017</p> <p>Notes:</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Nov 20, 2017</p> <p>Estimated In-Service Date: Nov 20, 2017</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	10/11/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	10/18/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	10/19/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$6,683.97	\$6,683.97	\$0.00	\$0.00
376300-Mains - Plastic	\$98,292.50	\$0.00	\$98,292.50	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$6,780.72	\$0.00	\$6,780.72	\$0.00	\$0.00
Total Estimated Costs:	\$105,073.22	\$6,683.97	\$111,757.19	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801680</p> <p>Work Order Title: Reloc 15F 2P Bennington & 38th</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: install ~15 ft of 2 in PL IP main at Bennington and 38th Street. Abandon ~15 ft of 2 in ST IP main at same location. No services to tie-over or replace.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Oct 16, 2017 Estimated Completion Date: Oct 20, 2017 Estimated In-Service Date: Oct 20, 2017</p> <p>Notes: This work is being done due to public improvement project. Existing gas main is in conflict with new storm pipe. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 6 Feet.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	10/11/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	10/18/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	10/19/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$889.52	\$889.52	\$0.00	\$0.00
376300-Mains - Plastic	\$14,331.76	\$0.00	\$14,331.76	\$0.00	\$0.00
Total Estimated Costs:	\$14,331.76	\$889.52	\$15,221.28	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801683</p> <p>Work Order Title: Reloc 15F 4P NE 45th & N Holmes</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~15 ft of 4 in PL IP main along N Holmes.</p> <p>Major Location: 1271-KC/MO - Clay Co.</p> <p>Asset Location: 1271-020036 CLAY CTY/KANSAS CITY</p> <p>Estimated Start Date: Oct 23, 2017 Estimated Completion Date: Oct 27, 2017 Estimated In-Service Date: Oct 27, 2017</p> <p>Notes: Retire ~10 ft of 4 in ST IP main at same location. No services to tie-over or replace. This work is being done due to public improvement project. Existing steel main is in conflict with a new storm sewer. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 7 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	10/17/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	10/18/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	10/19/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$1,198.77	\$1,198.77	\$0.00	\$0.00
376300-Mains - Plastic	\$15,682.32	\$0.00	\$15,682.32	\$0.00	\$0.00
Total Estimated Costs:	\$15,682.32	\$1,198.77	\$16,881.09	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801706</p> <p>Work Order Title: Reloc 1392F 4P Turkey Creek Bridge</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 1392 Ft of 4 in PL IP main at W Zora St in Joplin.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Nov 06, 2017 Estimated Completion Date: Nov 17, 2017 Estimated In-Service Date: Nov 17, 2017</p> <p>Notes: Abandon 1320 Ft of 4 in ST IP main at the above location. Total Service Tie-Over: 5. Main being replaced due to Civic Improvements.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/8/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/13/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/13/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
376300-Mains - Plastic	\$76,054.78	\$860.63	\$76,915.41	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$3,094.32	\$0.00	\$3,094.32	\$0.00	\$0.00
Total Estimated Costs:	\$79,149.10	\$860.63	\$80,009.73	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801733</p> <p>Work Order Title: Reloc 5310F 2-4-6P Crysler&70 MODOT</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~925 Ft of 2in PL IP Main, ~375 Ft of 4in PL IP Main, ~4010 Ft of 6in PL IP Main.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Feb 26, 2018 Estimated Completion Date: Mar 26, 2018 Estimated In-Service Date: Mar 26, 2018</p> <p>Notes: Uprate ~460 ft of 2in PL LP Main to IP Main. Abandon 195 Ft of 2in PL IP Main, 378 Ft of 2in ST LP Main, 3193 Ft of 4in ST LP Main, 534 Ft of 4in ST LP Main, 350 Ft of 10in ST IP main. Total Service Tie-Overs= 56, Service Replace=2, Service Uprates=6, Service Abandons= 1. Project Type: MRELO due to Civic Improvement.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/28/2017
Engineering Review-Dist	Hoferlin, Craig	\$0	1/2/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/2/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$20,392.55	\$20,392.55	\$0.00	\$0.00
376300-Mains - Plastic	\$300,677.69	\$574.25	\$301,251.94	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$3,043.18	\$215.89	\$3,259.07	\$0.00	\$0.00
Total Estimated Costs:	\$303,720.87	\$21,182.69	\$324,903.56	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801743</p> <p>Work Order Title: Reloc 270F 4P W 23rd & S McCoy Ave</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 270 Ft of 4 in PL MP main along W 23rd Street between Cunningham and S McCoy Ave.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Dec 11, 2017 Estimated Completion Date: Dec 14, 2017 Estimated In-Service Date: Dec 14, 2017</p> <p>Notes: Abandon 240 Ft of 3 in PL MP main at the above location. Total Service Tie-over = 4. Main being replaced due to civic improvements.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/7/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	12/7/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	12/7/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$17,407.89	\$190.21	\$17,598.10	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$190.21	\$0.00	\$190.21	\$0.00	\$0.00
Total Estimated Costs:	\$17,598.10	\$190.21	\$17,788.31	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801781</p> <p>Work Order Title: Reloc 14F 4S Lockwood & 12th</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 14 Ft of 4 in ST IP main at the intersection of Main and 12th Street in Lockwood.</p> <p>Major Location: 0606-Lockwood</p> <p>Asset Location: 0606-025001 DADE CTY/LOCKWOOD</p> <p>Estimated Start Date: Nov 13, 2017 Estimated Completion Date: Nov 15, 2017 Estimated In-Service Date: Nov 15, 2017</p> <p>Notes: Abandon 10 FT of 3 in ST IP main at the above location. Total Service Tie-Over = 0. Main being replaced due to Civic Improvement.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/7/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/8/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/8/2018

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$17,432.60	\$2,072.51	\$19,505.11	\$0.00	\$0.00
Total Estimated Costs:	\$17,432.60	\$2,072.51	\$19,505.11	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801827</p> <p>Work Order Title: Repl 649F 2-4P Highgrove and 10th</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 3</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install ~403 ft of 2 in PL LP main and ~246 ft of 4 in PL LP main along High Grove Rd in Grandview, MO.</p> <p>Major Location: 0904-Grandview</p> <p>Asset Location: 0904-043030 JACKSON CTY/GRANDVIEW</p> <p>Estimated Start Date: Jan 22, 2018 Estimated Completion Date: Jan 31, 2018 Estimated In-Service Date: Jan 31, 2018</p> <p>Notes: Abandon ~550 ft of 3 in ST LP main and ~71 ft of 4 in ST LP main at same location. Total Service Tie-over = 8. This main is being replaced due to a leak.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/16/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	1/16/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/17/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$6,560.70	\$6,560.70	\$0.00	\$0.00
376300-Mains - Plastic	\$26,787.05	\$0.00	\$26,787.05	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$4,044.04	\$0.00	\$4,044.04	\$0.00	\$0.00
Total Estimated Costs:	\$30,831.09	\$6,560.70	\$37,391.79	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801828</p> <p>Work Order Title: Repl 2524F 2-4P 23rd & Topping</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install ~ 678 ft of 2 in PL IP main and ~ 1846 ft of 4 in PL IP main along 23rd Street and Lawndale Ave.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Feb 05, 2018 Estimated Completion Date: Feb 23, 2018 Estimated In-Service Date: Feb 23, 2018</p> <p>Notes: . Abandon ~ 922 ft of 2 in ST IP main, ~ 1577 ft of 3 in ST IP main, and ~ 7 ft of 4 in PL IP main at same location. Total Service Tie-over = 17; Total Service Replace = 5; Total Service Abandon = 3. This main is being replaced due to leaks on 3 in bare steel main.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: in service</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/13/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	3/13/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/14/2018

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$6,837.48	\$6,837.48	\$0.00	\$0.00
376300-Mains - Plastic	\$145,770.43	\$899.05	\$146,669.48	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$13,766.33	\$0.00	\$13,766.33	\$0.00	\$0.00
Total Estimated Costs:	\$159,536.76	\$7,736.53	\$167,273.29	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801829</p> <p>Work Order Title: Reloc 300F 2P Moore Drive & Amity</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~300 ft of 2 in PL MP main along Moore Drive. Abandon ~300 ft of 2 in PL MP main at same location. No services to tie-over or replace.</p> <p>Major Location: 1261-KC/MO - Rural</p> <p>Asset Location: 1261-075025 PLATTE CTY/??? TWP</p> <p>Estimated Start Date: Jan 02, 2018</p> <p>Notes: This main is being relocated due to public improvement project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p> <p>Estimated Completion Date: Jan 05, 2018</p> <p>Estimated In-Service Date: Jan 05, 2018</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/7/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	12/7/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	12/7/2017

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$6,926.76	\$1,148.44	\$8,075.20	\$0.00	\$0.00
Total Estimated Costs:	\$6,926.76	\$1,148.44	\$8,075.20	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801841</p> <p>Work Order Title: Reloc 60F 2P RD Mize</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~60 Ft of 2in PL MP Main.</p> <p>Major Location: 0903-Blue Springs</p> <p>Asset Location: 0903-043026 JACKSON CTY/BLUE SPRINGS</p> <p>Estimated Start Date: Dec 27, 2017 Estimated Completion Date: Dec 29, 2017 Estimated In-Service Date: Dec 29, 2017</p> <p>Notes: Install ~90 Ft of 1in PL MP Service. Abandon 145 Ft if 2in PL MP main. Tie Over 1 service. Civic Improvement project. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 20 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/7/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	12/7/2017
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	12/7/2017

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$2,592.05	\$2,670.68	\$5,262.73	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$1,645.28	\$0.00	\$1,645.28	\$0.00	\$0.00
Total Estimated Costs:	\$4,237.33	\$2,670.68	\$6,908.01	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801844</p> <p>Work Order Title: Repl 700F 2P 63rd & Baltimore</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Asset Improvements</p> <p>WO Description: Install ~ 700 ft of 2 in PL IP main along Baltimore.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jan 02, 2018 Estimated Completion Date: Jan 05, 2018 Estimated In-Service Date: Jan 05, 2018</p> <p>Notes: Abandon ~ 551 ft of 4 in CI LP main and ~ 13 ft of 4 in ST at same location. Total Service Tie-over = 9; Total Service Replace = 3. This main is being replaced due to a leak.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/18/2017
Engineering Review-Dist	Hoeflerlin, Craig	\$0	1/2/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/2/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$95.11	\$95.11	\$0.00	\$0.00
376200-Mains - Cast Iron	\$0.00	\$7,217.31	\$7,217.31	\$0.00	\$0.00
376300-Mains - Plastic	\$41,807.27	\$0.00	\$41,807.27	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$7,653.19	\$0.00	\$7,653.19	\$0.00	\$0.00
Total Estimated Costs:	\$49,460.46	\$7,312.42	\$56,772.88	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801845</p> <p>Work Order Title: Reloc 1019F 2-4P F4010 Reloc Joplin</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 570 Ft of 2 in PL LP main and 449 Ft of 4 in PL LP main at Pennsylvania Ave, Kentucky Ave, Grand Ave, 21st St and 22nd St.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Feb 26, 2018 Estimated Completion Date: Mar 09, 2018 Estimated In-Service Date: Mar 09, 2018</p> <p>Notes: Abandon 36 Ft of 3 in PL LP main, 41 Ft of 4 in PL LP main, 514 Ft of 3 in ST LP main and 419 Ft of 4 in ST LP main at the above locations. Total Service Tie-Over: 16. Main being replaced due to Civic Improvements.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/18/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/7/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$149.92	\$149.92	\$0.00	\$0.00
376300-Mains - Plastic	\$43,909.76	\$149.92	\$44,059.68	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$11,948.44	\$0.00	\$11,948.44	\$0.00	\$0.00
Total Estimated Costs:	\$55,858.20	\$299.84	\$56,158.04	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801856</p> <p>Work Order Title: Reloc 550F 6P 22nd-23rd Connector</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~550ft of 6in PL MP main that will be moved to avoid the conflict with the Civic Improvement Project</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Dec 20, 2017 Estimated Completion Date: Dec 29, 2017 Estimated In-Service Date: Dec 29, 2017</p> <p>Notes: Abandon ~500ft of 6in PL MP main that is in conflict with a Civic Improvement Project.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	12/19/2017
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	1/2/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/2/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$36,705.43	\$314.76	\$37,020.19	\$0.00	\$0.00
Total Estimated Costs:	\$36,705.43	\$314.76	\$37,020.19	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801861</p> <p>Work Order Title: Reloc 1240F 2-4P Highview & Florida</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0664</p> <p>Funding Project Desc: Street & Hwy Relocates ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install 535 Ft of 2 in PL MP main and 705 Ft of 4 in PL MP main between Highview and Ozark along 22nd Street, Texas Ave and Arizona Ave in Joplin.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Mar 05, 2018 Estimated Completion Date: Mar 16, 2018 Estimated In-Service Date: Mar 16, 2018</p> <p>Notes: Abandon 47 Ft of 2 in PL MP main, 72 Ft of 2 in ST MP main, 609 Ft of 3 in ST MP main and 682 Ft of 4 in ST MP main at the above locations. Total Service Tie-Overs = 7. Main being replaced due to proposed civic improvements.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/1/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	3/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/7/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$516.39	\$516.39	\$0.00	\$0.00
376300-Mains - Plastic	\$61,405.57	\$11,138.76	\$72,544.33	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$5,362.99	\$0.00	\$5,362.99	\$0.00	\$0.00
Total Estimated Costs:	\$66,768.56	\$11,655.15	\$78,423.71	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801873</p> <p>Work Order Title: Repl 2175F 2-4P CP at Canterbury</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: System Integrity</p> <p>WO Description: Install 630ft of 4in PL IP Main, 1545ft of 2in PL IP Main on Canterbury Lane and E 4th St.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Feb 19, 2018 **Estimated Completion Date:** Mar 27, 2018 **Estimated In-Service Date:** Mar 27, 2018

Notes: Abandon 5ft of 4in PL IP Main, 4ft of 3in PL IP Main, 36ft of 2in PL IP Main, 461ft of 3in ST IP Main, 1779ft of 2in ST IP Main, 50ft of 1 1/4in ST IP Main on Canterbury Lane and E 4th St. Total number of Tie overs 19, total number of replacements 3. This main is being replaced as part of FY18 Bare ST replacement program and is having CP related issues and has an open leak.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/4/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	3/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/7/2018

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$967.36	\$967.36	\$0.00	\$0.00
376300-Mains - Plastic	\$145,705.12	\$830.15	\$146,535.27	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$3,223.31	\$346.57	\$3,569.88	\$0.00	\$0.00
Total Estimated Costs:	\$148,928.43	\$2,144.08	\$151,072.51	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801874</p> <p>Work Order Title: Repl 885F 4P 111 N Turk - Joplin</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0572</p> <p>Funding Project Desc: Main Replacement - ISRS (SW)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: System Integrity</p> <p>WO Description: Install 885 ft of 4in PL IP main on Central St and N Turk Ave.</p> <p>Major Location: 0501-Joplin</p> <p>Asset Location: 0501-044001 JASPER CTY/JOPLIN</p> <p>Estimated Start Date: Mar 19, 2018 Estimated Completion Date: Apr 16, 2018 Estimated In-Service Date: Apr 16, 2018</p> <p>Notes: Abandon 475 ft of 2in ST LP main on Central St and N Turk Ave. Total number of tie-overs 5. This main is being replaced as part of FY18 bare steel replacement program and due to open leaks.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20921</p> <p>Department Description: Region 2B - SW Missouri - Distribution - Union</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p style="text-align: right;">Status: completed</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/20/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	3/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/7/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$2,872.92	\$2,872.92	\$0.00	\$0.00
376300-Mains - Plastic	\$106,538.42	\$0.00	\$106,538.42	\$0.00	\$0.00
Total Estimated Costs:	\$106,538.42	\$2,872.92	\$109,411.34	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801886</p> <p>Work Order Title: Repl 1030F 12S Colbern Under Creek</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0604</p> <p>Funding Project Desc: Main Replacement - ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install ~1030 ft of 12in ST FP main.</p> <p>Major Location: 0901-Lee's Summit</p> <p>Asset Location: 0901-043021 JACKSON CTY/LEE'S SUMMIT OFFIC</p> <p>Estimated Start Date: Jan 17, 2018 Estimated Completion Date: Jan 26, 2018 Estimated In-Service Date: Jan 26, 2018</p> <p>Notes: Abandon ~1000 Ft of 10 ST FP main. Replace 1,000 feet of 10" 1920s vintage bare steel main to clear a #1 leak under a small drainage creek.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Replace bare steel main - safety re</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/16/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	1/16/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	1/17/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$292,171.14	\$20,386.02	\$312,557.16	\$0.00	\$0.00
Total Estimated Costs:	\$292,171.14	\$20,386.02	\$312,557.16	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801901</p> <p>Work Order Title: Reloc 373F 6-8S 39th & Noland Rd</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~ 175' of 6" IP STL and ~198' of 8" IP STL. Abandon ~ 163' of 6" STL and 202' of 8" ST.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Mar 05, 2018 Estimated Completion Date: Mar 23, 2018 Estimated In-Service Date: Mar 23, 2018</p> <p>Notes: There are no tie overs. This is due to civic improvement project. Per Hank Weck the Estimate and the As Built are properly reflected with a difference in footage of 373 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/5/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	2/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	2/7/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$62,210.50	\$19,167.17	\$81,377.67	\$0.00	\$0.00
Total Estimated Costs:	\$62,210.50	\$19,167.17	\$81,377.67	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801902</p> <p>Work Order Title: Reloc 110F 4P 42nd St Trinity Woods</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~110 ft of 4in PL MP Main.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: Feb 12, 2018 Estimated Completion Date: Feb 12, 2018 Estimated In-Service Date: Feb 12, 2018</p> <p>Notes: Abandon ~100 Ft of 4in PL MP Main. To allow the installation of a sewer line in the Right Of Way. Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 90 Feet.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/5/2018
Engineering Review-Dist S	Hoeflerlin, Craig	\$0	2/6/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	2/7/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376300-Mains - Plastic	\$4,680.97	\$2,550.46	\$7,231.43	\$0.00	\$0.00
Total Estimated Costs:	\$4,680.97	\$2,550.46	\$7,231.43	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801907</p> <p>Work Order Title: Reloc 58F 2P 86th & Eastern</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~58 ft of 2 in PL IP main along Eastern Drive. Abandon ~35 ft of 2 in ST IP main at same location. This main is being relocated due conflict with new manhole.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Estimated Start Date: Mar 05, 2018 **Estimated Completion Date:** Mar 09, 2018 **Estimated In-Service Date:** Mar 09, 2018

Notes: Per Prita Malla the Estimate and the As Built are properly reflected with a difference in footage of 20 Feet.

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	2/27/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/7/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/7/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$3,103.39	\$3,103.39	\$0.00	\$0.00
376300-Mains - Plastic	\$12,796.93	\$0.00	\$12,796.93	\$0.00	\$0.00
Total Estimated Costs:	\$12,796.93	\$3,103.39	\$15,900.32	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801909</p> <p>Work Order Title: Repl 4180F 2-4P Pittman and 38th St</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Safety</p> <p>WO Description: Install 2720 Ft. of 2 inch PL IP Main and 1460 Ft. of 4 inch PL IP on Pittman Rd., E 41st St., E 38th Ter., and E 38th St.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: Jun 05, 2018 Estimated Completion Date: Sep 28, 2018 Estimated In-Service Date: Sep 28, 2018</p> <p>Notes: Abandon 21 Ft of 2 in ST IP Main, 724 Ft of 2 in ST LP Main, 83 Ft of 4 in ST IP Main, and 2970 Ft of 4 in ST LP Main on the above mentioned streets. Total Service Tie-over =26; Total Service Abandoned = 4; Total Service Replace = 18. This main is being replaced due to leaks and is part of FY18 Bare Steel Replacement Program.</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/17/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/23/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/24/2018

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

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$5,255.39	\$5,255.39	\$0.00	\$0.00
376300-Mains - Plastic	\$294,684.42	\$0.00	\$294,684.42	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$19,343.18	\$2,079.45	\$21,422.63	\$0.00	\$0.00
Total Estimated Costs:	\$314,027.60	\$7,334.84	\$321,362.44	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801925</p> <p>Work Order Title: Reloc 1735F 2-4P&4S N Main-8th/10th</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~880 ft of 2in PL MP main, ~830 Ft of 4in PL MP main, and ~25 Ft of 4in ST MP main.</p> <p>Major Location: 0903-Blue Springs</p> <p>Asset Location: 0903-043026 JACKSON CTY/BLUE SPRINGS</p> <p>Estimated Start Date: Mar 20, 2018 Estimated Completion Date: Apr 13, 2018 Estimated In-Service Date: Apr 13, 2018</p> <p>Notes: Abandon ~106 Ft of 2in ST MP main, ~19 Ft of 3in PL MP main, ~890 Ft of 3in ST MP main, ~72 Ft of 4in ST MP main, ~373 Ft of 4" ST MP Main. An additional 120' section of main will be installed to re-connect the Blue Springs City Hall - Per Jon Harrel.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/16/2018
Engineering Review-Dist	Hoeflerlin, Craig	\$0	3/20/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/20/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$1,972.06	\$9,896.70	\$11,868.76	\$0.00	\$0.00
376300-Mains - Plastic	\$58,911.13	\$964.16	\$59,875.29	\$0.00	\$0.00
Total Estimated Costs:	\$60,883.19	\$10,860.86	\$71,744.05	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801939</p> <p>Work Order Title: Reloc 1822F 4P Mansfield-SW Pkwy/14</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~1822 ft of 4 in PL LP main along Mansfield Rd and Judy Street.</p> <p>Major Location: 1001-St. Joseph</p> <p>Asset Location: 1001-010001 ST. JOSEPH CITY/BUCHANAN</p> <p>Estimated Start Date: Apr 02, 2018 Estimated Completion Date: Apr 30, 2018 Estimated In-Service Date: Apr 30, 2018</p> <p>Notes: Abandon ~1816 ft of 4 in ST LP main at same location. Tie-over = 24 services. This main is being replaced due to a public improvement project. Contact Chad Farris (816) 472-3438 prior to abandoning any main.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	3/13/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	3/13/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	3/14/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$19,594.38	\$19,594.38	\$0.00	\$0.00
376300-Mains - Plastic	\$183,608.90	\$0.00	\$183,608.90	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$13,176.35	\$0.00	\$13,176.35	\$0.00	\$0.00
Total Estimated Costs:	\$196,785.25	\$19,594.38	\$216,379.63	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 801983</p> <p>Work Order Title: Reloc 395F 2-4P Lawson Main</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0547</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~275ft of 4in PL MP and Install ~120ft of 2in PL MP main. Abandon ~265ft of 4in ST MP and Abandon ~115ft of 2in ST MP main.</p> <p>Major Location: 1216-Lawson - Ray Co.</p> <p>Asset Location: 1216-080004 RAY CTY/LAWSON</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
<p>Estimated Start Date: May 29, 2018 Estimated Completion Date: Jun 07, 2018 Estimated In-Service Date: Jun 07, 2018</p> <p>Notes:</p>	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/30/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/2/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/3/2018

***** Unit Estimate *****					
Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$25,340.08	\$25,340.08	\$0.00	\$0.00
376300-Mains - Plastic	\$43,849.77	\$0.00	\$43,849.77	\$0.00	\$0.00
Total Estimated Costs:	\$43,849.77	\$25,340.08	\$69,189.85	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 802000</p> <p>Work Order Title: Reloc 590F 2P 10418 Truman Rd</p> <p>Wo Type Description: WO-Relocation Mains MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0578</p> <p>Funding Project Desc: Street & Highway Relocates ISRS (S)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Government Request</p> <p>WO Description: Install ~590 Ft of 2in PL LP Main.</p> <p>Major Location: 0201-Independence</p> <p>Asset Location: 0201-043001 JACKSON CTY/INDEPENDENCE</p> <p>Estimated Start Date: May 14, 2018 Estimated Completion Date: May 25, 2018 Estimated In-Service Date: May 25, 2018</p> <p>Notes: The City of Independence plans to repave these Streets this Summer. We plan to replace the bare steel main prior to their project to prevent our having to cut their newly repaved streets in the future. Abandon ~551 ft of 2 in ST LP Main, ~138 Ft of 3in ST LP Main, ~243 Ft of 4in ST LP Main. Total Service Tie-Overs: 3. Total Service Abandon: 4.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20638</p> <p>Department Description: Construction & Maintenance - Region 2B - Unio</p> <p>Budget Description: Street & highway relocates</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: posted to CPR</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/12/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	4/16/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	4/16/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$8,680.24	\$8,680.24	\$0.00	\$0.00
376300-Mains - Plastic	\$15,172.20	\$0.00	\$15,172.20	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$0.00	\$880.94	\$880.94	\$0.00	\$0.00
Total Estimated Costs:	\$15,172.20	\$9,561.18	\$24,733.38	\$0.00	\$0.00

Work Order Authorization Information

Header Detail

<p>Work Order: 802032</p> <p>Work Order Title: Repl 360F 2P 33rd & Highland</p> <p>Wo Type Description: WO-Replacement Mains & Svcs MGE</p> <p>Work Order Group:</p> <p>Current Revision: 1</p> <p>Funding Project: F0599</p> <p>Funding Project Desc: Main Replacement - ISRS (N)</p> <p>Eligible for AFUDC: yes Eligible for CPI: yes</p> <p>Reason Code: Strategic</p> <p>WO Description: Install 360 Ft. of 2 inch PL IP Main on 33rd St., and Highland Ave.</p> <p>Major Location: 0401-KC/MO - Central</p> <p>Asset Location: 0401-043050 JACKSON CTY/KC</p> <p>Estimated Start Date: Jun 25, 2018 Estimated Completion Date: Sep 28, 2018 Estimated In-Service Date: Sep 28, 2018</p> <p>Notes: Abandon 354 Ft of 4 in CI LP Main on the above mentioned streets. Total Service Tie-over =5; Total Service Abandoned = 1; Total Service Replace = 0. This main is being replaced due to a leak and is part of FY18 Cast Iron Replacement Program.</p>	<p>Company: Spire Missouri Inc.</p> <p>Business Segment: Missouri West</p> <p>Functional Class: Distribution Plant</p> <p>Department Code: 20648</p> <p>Department Description: Construction & Maintenance - Region 2A - Unio</p> <p>Budget Description: Replace cast iron main - CPI / prio</p> <p>Est. Annual Revenue:</p> <p>Reimbursement Type: None</p> <p>Retirement Type:</p> <p>Status: in service</p>
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Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	5/15/2018
Engineering Review-Dist 5	Hoeflerlin, Craig	\$0	5/29/2018
VP Field Operations-MGE	Hampton, Joe	\$1,000,000	5/30/2018

**** Unit Estimate ****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376200-Mains - Cast Iron	\$0.00	\$7,537.16	\$7,537.16	\$0.00	\$0.00
376300-Mains - Plastic	\$25,781.79	\$0.00	\$25,781.79	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$364.94	\$0.00	\$364.94	\$0.00	\$0.00
Total Estimated Costs:	\$26,146.73	\$7,537.16	\$33,683.89	\$0.00	\$0.00