

Riverside Public Utilities
 Closed Capital Work Order Summary Report - Electric Fund
 Apr-21

Project / Subproject or WO	Project Description	Start Date	End Date	Board Approved Estimate	Final Project Cost	Variance	Variance %
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CLOSED Capital Work Orders with Budget or Actual Expenditures > \$200,000

OVERHEAD

1521822	Plaza Substation - Circuit 456	9/15/2015	1/26/2021	\$ 933,000	\$ 1,144,343.51	\$ (211,343.51)	-23%
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1) Note on Final Project Cost:

The Project was over budget due to field additions where potential system improvements were identified as well as the additional 4kV to 12kV cutover of circuits 452, 454 to configure new Plaza Substation circuit 1451. Circuit 1451 is composed of circuits 452, 454 and 456.

2) Impact to Customer Service:

The replacement of aging, and obsolete overhead Facilities in the vicinity of Plaza Substation, facilitated the transfer of customers from a 4kV system to a more modern, reliable and improved 12kV system.

3) Impact to System Reliability:

This work is identified as part of the Electric System Master plan and Utility 2.0 and improves system capacity, safety and reliability.

1708710	Plaza Substation - Circuit 458	4/9/2018	1/26/2021	\$ 1,170,000	\$ 676,001.20	\$ 493,998.80	42%
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1) Note on Final Project Cost:

The Project was completed under budget due to RPU field forces preplanning and efficient work practices.

2) Impact to Customer Service:

The replacement of aging, and obsolete overhead Facilities in the vicinity of Plaza Substation, will facilitate the transfer of customers from a 4kV system to a more modern, reliable and improved 12kV system.

3) Impact to System Reliability:

This work is identified as part of the Electric System Master plan and Utility 2.0 and improves system capacity, safety and reliability.

1808451	Plaza Substation - Circuit 443	3/29/2018	1/7/2021	\$ 415,000	\$ 447,274.64	\$ (32,274.64)	-8%
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1) Note on Final Project Cost:

The Project was over budget due to field additions where potential system improvements were identified.

2) Impact to Customer Service:

By partially converting circuit 43 from 4kV to 12kV RPU improved electric services, power quality, and system operation (switching flexibility and faster outage restoration).

3) Impact to System Reliability:

This work is identified as part of the Electric System Master plan and Utility 2.0 and improves system capacity, safety and reliability.

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UNDERGROUND

1713398	Canyon Crest Area 1F (Phase 1)	1/8/2018	1/7/2021	\$ 739,000	\$ 743,429.27	\$ (4,429.27)	-1%
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1) Note on Final Project Cost:

The Project was over budget due to field additions where potential system improvements were identified.

2) Impact to Customer Service:

The planned routine replacement of aging, and obsolete underground Facilities in the Canyon Crest residential service area improves reliability and prevents unscheduled outages.

3) Impact to System Reliability:

This work is identified as part of the Electric System Master plan and Utility 2.0 and improves system capacity, safety and reliability.

RECURRING/OBLIGATION TO SERVE

1524282	Land Mobile Radio (LMR) System (Electric Portion)	9/26/2016	1/31/2021	\$ 1,650,000	\$ 1,932,310.21	\$ (282,310.21)	-17%
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1) Note on Final Project Cost:

Project went over the estimated cost due to the addition of equipment needed to provide coverage in the San Bernardino area.

2) Impact to Customer Service:

Overall impact to Public Utilities customers enhanced safety and provided improvements to the coverage through the City and San Bernardino area.

3) Impact to System Reliability:

System reliability improved due to the improvement to the radio coverage in areas not covered by the old system.

Total Electric Fund - Closed Work Orders

\$ 4,907,000 \$ 4,943,359 \$ (36,359)