

EMERGENCY WORK FOR PRIMARY CABLE BURN UP ON 1138 ATHENA CT.

Riverside Public Utilities – Energy Delivery

Board of Public Utilities
June 10, 2019

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BACKGROUND

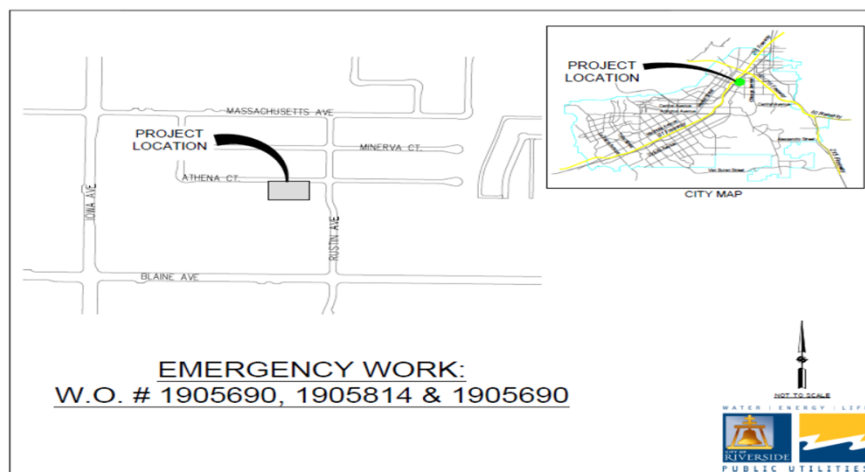
1. August 28, 2018 - Section of 12 kV Cable in Conduit (CIC) faulted on Athena Court westerly of Rustin Avenue interrupting service for approximately 15 customers
2. CIC was developed in late 1960s
 - A. Cable is pre installed in conduit before placed in trenches below ground
 - B. Difficult to remove faulted cables from conduit

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BACKGROUND - LOCATION



7.2 kV Cable in Conduit (CIC) faulted on Athena Court

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DISCUSSION

1. Crews utilized a generator during restoration and repairs to maintain temporary service and design a more permanent installation
2. Contract crews (Doty Bros) were immediately directed to pothole and trench at several locations and install conduit to restore electrical system to normal operating condition

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DISCUSSION

3. August 29, 2018 – Work Began
4. September 4, 2018 – Work Completed
5. Contractor's cost totaled \$40,398 including
 - A. Weekend work
 - B. RPU Inspections
6. City crews installed all electrical cables and accessories for a total amount of \$16,605

RECOMMENDATION

Approve Emergency Work Order No. 1905814 in the amount of \$45,918.36, Emergency Work Order 1906250 in the amount of \$3,808.84 and Emergency Work Order 1905690 in the amount of \$7,275.80 for a total Capital Expenditure of \$57,003 for emergency work completed on the primary cable burn up at 1138 Athena Court, in accordance with Article XII, section 1202(2) (b) for the City of Riverside Charter.