

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 10, 2019

ITEM NO: 8

**SUBJECT: WORK ORDERS 1905814, 1906250, AND 1905690 FOR EMERGENCY WORK ON
PRIMARY CABLE BURN UP AT 1138 ATHENA COURT**

ISSUE:

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.

RECOMMENDATION:

That the Board of Public 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.

BACKGROUND:

On Tuesday, August 28, 2018, a section of 12kV Primary Cable in Conduit (CIC) faulted on Athena Court between Rustin Avenue and Agatha Lane interrupting service to approximately 15 customers. In order to facilitate restoration and repairs, crews had to install a generator to maintain service and provide time for staff to design and install a more permanent solution.

DISCUSSION:

Electric service provided to customers via a generator requires high voltage facilities to be installed above ground in a temporary fashion. However, exposed, high voltage facilities pose a risk to the public and exposure should be limited. As such, staff began repairs immediately pursuant to City of Riverside Charter Article XII, section 1202(b) (2) which provides that work may be done without prior approval if there is an urgent necessity to preserve life, health or property. As soon as practically thereafter, the matter shall be presented to the Board of Public Utilities for ratification.

Members of the contractors' Panel for Energy Delivery work were contacted for immediate availability and Doty Bros. was the first responder. Subsequently, contract crews from Doty Bros. were immediately directed to excavate and repair primary, and service conduits to restore the electrical system to its normal operating condition. The work started on August 29, 2018, and was completed on September 4, 2018. The contractor's cost, including weekend work and RPU inspection totaled

\$40,398. City crews installed the electrical cables and accessories with multiple crews for a total amount of \$16,605. Doty Bros. did not invoice Riverside Public Utilities for their work until mid-January 2019, which resulted in a delay of this item going before the Board of Public Utilities.

The Energy Delivery Division has prioritized defined areas of the City for cable replacement based upon age of cable and CIC, as well as, the historical frequency of cable failures in the areas. Ideally, cable is replaced prior to failure as part of a large area project. In cases such as this, the failed cable and associated equipment must be replaced individually upon failure. Following restoration of service, the condition of the failed cable and impact of the outage upon the overall area or neighborhood connectivity will determine the future priority of larger scale cable replacement projects in the area.

FISCAL IMPACT:

The total cost for Work Order Numbers 1905814, 1906250 & 1905690 is \$57,003. Sufficient funds are available in Public Utilities Cable Replacement Account No. 6130000-470635.

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery
Approved by: Todd Corbin, Utilities General Manager
Approved by: Al Zelinka, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds: Brian Seinturier, Utilities Fiscal Manager

Attachments:

1. Project Site Map
2. Presentation