



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: MAY 23, 2017

FROM: PUBLIC UTILITIES WARDS: ALL

SUBJECT: CONSTRUCTION OF THE EMERGENCY PAVEMENT REPAIRS FOR THE 12-INCH WATER PIPELINE BREAK AT THE INTERSECTION OF LYON AVENUE AND VICTORIA AVENUE IN THE UNINCORPORATED AREA OF RIVERSIDE COUNTY – RESOLUTION DECLARING THE REPAIR AND REHABILITATION AN URGENT NECESSITY FOR PRESERVATION OF LIFE, HEALTH, AND PROPERTY - PURCHASE ORDER 173999, IN THE AMOUNT OF \$70,697.50, TO ALL AMERICAN ASPHALT FOR THE CONSTRUCTION REPAIRS

ISSUES:

Adopt the attached resolution waiving the formal bidding requirements and declaring the Emergency Pavement Repairs for the Water Pipeline Break at the intersection of Lyon Avenue and Victoria Avenue, in the unincorporated area of Riverside County, are of an urgent necessity for the preservation of life, health, and property, waiving the formal public bidding requirements in accordance with section 1109 of the City Charter, and approve Purchase Order 173999, in the amount of \$70,697.50, to All American Asphalt for the construction repairs.

RECOMMENDATIONS

That the City Council:

1. Adopt, by at least five affirmative votes, the attached Resolution declaring the Emergency Pavement Repairs for the Water Pipeline Break at the intersection of Lyon Avenue and Victoria Avenue, in the unincorporated area of Riverside County, are of an urgent necessity for the preservation of life, health, and property, and waiving the formal public bidding requirements in accordance with section 1109 of the City Charter; and
2. Approve Purchase Order 173999, in the amount of \$70,697.50, to All American Asphalt for the construction repairs.

BOARD RECOMMENDATION:

This report is published on May 11, 2017, for the May 23, 2017, City Council Meeting.

On May 22, 2017, the Board of Public Utilities (Board) will hear this item for consideration to recommend that the City Council adopt a resolution declaring the Emergency Pavement Repairs for the Water Pipeline Break at the intersection of Lyon Avenue and Victoria Avenue, in the unincorporated area of Riverside County, are of an urgent necessity for the preservation of life,

health, and property, and waiving the formal public bidding requirements in accordance with section 1109 of the City Charter; approve Purchase Order 173999, in the amount of \$70,697.50, to All American Asphalt for the construction repairs; and for the Board to approve the expenditure of \$116,000, which includes all design, construction (All American Asphalt for \$70,697.50), construction management and inspection costs for the Emergency Pavement Repairs.

If the Board approves to forward this to City Council, we respectfully request the City Council consider this item at the May 23, 2017, City Council meeting.

BACKGROUND:

On Friday, March 24, 2017, an existing 12-inch asbestos cement water pipe separated from an existing 12-inch cast iron fitting, causing significant flooding and a sinkhole at the intersection of Lyon Avenue and Victoria Avenue. The water pipeline break undermined a substantial portion of the roadway and saturated the soil underneath, causing a portion of the road to fail at the intersection of Lyon and Victoria Avenues. In addition, the water pipeline break saturated soils underneath a portion of the asphalt pavement along southbound Lyon Avenue, causing the pavement to heave up and crack, making it difficult for local residents to access their driveways.

Fortunately, City crews were dispatched immediately and were able to safely divert traffic, repair the broken pipeline and make temporary asphalt repairs. However, the roadway continued to settle over the coming days creating an unsafe driving condition, and crews were dispatched again to remove and stabilize a larger section of asphalt pavement within Victoria Avenue. There was concern that the pavement would continue to shift and settle from further voids beneath the pavement.

The Public Works paving crews generally assist Riverside Public Utilities (RPU) in performing permanent pavement patching related to pipeline leak repairs. However, they did not have the resources available to quickly make the extensive pavement repairs needed for this water main break.

DISCUSSION:

Resolution

Due to the urgency of repairing the public streets, the project was unable to be competitively procured through an advertisement for bids. Section 1109 of the City Charter provides that such contracts may be let without advertising for bids if such work or supplies or materials shall be deemed by the City Council to be of urgent necessity for the preservation of life, health or property, and shall be authorized by resolution passed by at least five affirmative votes of the City Council and containing a declaration of the facts constituting such urgency.

Construction Services

Staff coordinated with the County of Riverside Transportation Department to identify the extent of pavement repairs needed, and prepared construction drawings accordingly. Staff received quotes from two paving contractors on, April 3, 2017.

	<u>COMPANY</u>	<u>CITY LOCATION</u>	<u>QUOTE</u>
1.	All American Asphalt	Corona, CA	\$70,697.50
2.	Hardy and Harper	Santa Ana, CA	\$111,000.00

► Engineer's Construction Cost Estimate \$90,750.00

Due to the emergency nature of this project, on April 4, 2017, the Purchasing Services Manager issued emergency purchase order number 173999 to All American Asphalt in the amount of \$70,697.50 for the repair to the paving, in accordance with Purchasing Resolution No. 22576, Sections 201(a) and 300-302. Those sections provide that the Purchasing Services Manager may authorize work and issue emergency purchase orders "to protect the public health, welfare, safety or property."

Project Expenditure

The total expenditure for the repair is estimated to be \$116,000, which includes all design, construction, construction management and inspection costs, as summarized in the following table:

Description	Cost	Percent of Total
Design	\$2,302.50	2.0%
Pavement Repairs (All American Asphalt)	\$70,697.50	60.9%
Construction Contingencies	\$10,000.00	8.6%
Pipeline Repairs by City Forces	\$25,000.00	21.6%
Construction Management and Permit Fees	\$5,000.00	4.3%
Inspection and Geotechnical Testing	\$3,000.00	2.6%
Work Order Total	\$116,000.00	100.0%

The Purchasing Manager agrees with the recommendations in the report.

FISCAL IMPACT:

The total expenditure for the project is estimated to be \$116,000, which includes all design, construction, construction management and inspection costs. Sufficient funds are available in the Public Utilities' Maintenance and Repair Account No. 6205000-424130.

Prepared by: Girish Balachandran, Utilities General Manager
 Certified as to
 availability of funds: Scott G. Miller, PhD., Chief Financial Officer/City Treasurer
 Approved by: John A. Russo, City Manager
 Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. Project Photos
2. Resolution
3. Emergency Purchase Order No. 173999

4. Presentation

