



City Council Memorandum

City of Arts & Innovation

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: JULY 5, 2022

FROM: PUBLIC WORKS DEPARTMENT WARD: 1

SUBJECT: EMERGENCY STORM DRAIN REPAIRS ON MAGNOLIA AVENUE AT THE INTERSECTIONS OF ELMWOOD COURT, BANDINI AVENUE, AND LINWOOD PLACE – RESOLUTION DECLARING THE REPAIR AN URGENT NECESSITY FOR PRESERVATION OF LIFE, HEALTH AND PROPERTY

ISSUE:

The issue for City Council consideration is to adopt a resolution declaring the emergency storm drain repairs on Magnolia Avenue at the intersections of Elmwood Court, Bandini Avenue, and Linwood Place an urgent necessity for the preservation of life, health, and property and a waiver of the formal Public Works bidding requirements, in accordance with section 1109 of the City Charter; and to authorize a contract with CP Construction Company, Inc., to complete the work.

RECOMMENDATIONS:

That the City Council:

1. Adopt the attached Resolution waiving the formal bidding requirements and declaring the storm drain repairs on Magnolia Avenue at the intersections of Elmwood Court, Bandini Avenue, and Linwood Place an urgent necessity for the preservation of life, health, and property, in accordance with the City Charter section 1109; and
2. Authorize CP Construction Company, Inc., Riverside, California, to repair the damaged storm drain and roadway sections on time and material basis in the amount not to exceed \$187,508.86.

BACKGROUND:

On Magnolia Avenue at the cross streets of Elmwood Court, Bandini Avenue, and Linwood Place, there are three separate storm drain systems that take storm runoff from the east side of Magnolia Avenue to the west side. Staff is uncertain when these systems were first installed but staff estimates them to be over 100 years old.

DISCUSSION:

While attempting to clean these lines using hydro-jetting equipment, staff noticed large amounts of dirt and rocks would come out of the line with no end. This can be a sign of broken pipes. Staff attempted to put a camera in the lines to observe their condition and found evidence of broken pipes and areas where the hydro-jetter appeared to be out of the pipe and into the surrounding

area underground. This explained the large amount of dirt and rocks but also indicated that voids in the surrounding underground area were likely present. Staff grew concerned that these voids could collapse causing an urgent necessity to take action to preserve life, health and property.

To complicate the matter, Magnolia Avenue was currently under construction with paving and concrete improvements. Due to this construction, heavy equipment was being used over the areas of concern and the street was scheduled to be paved in the middle of March. Staff contacted CP Construction Company and created an emergency requisition for the pipes to be excavated, replaced, and any voids filled. Construction began on February 28, 2022 and was completed on March 11, 2022. CP Construction found several parts of the pipes had been broken and a few voids in the surround area including a significant void on Linwood Place. The final cost of the work was \$187,508.86.

The Purchasing Manager concurs with the recommendations above.

STRATEGIC PLAN ALIGNMENT:

The programs described in this report align with City's Strategic Priorities of Environmental Stewardship as detailed below:

4.2 - Sustainably manage local water resources to maximize reliability and advance water reuse to ensure safe, reliable and affordable water to our community.

6.2 - Maintain, protect and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Furthermore, storm drain maintenance aligns with each of the five Cross-Cutting Threads:

1. Community Trust – Maintaining the storm drain system serves the public interest and supports clean water in the community and proper flow of water during significant rain events.
2. Equity – This program supports clean water throughout the City ensuring that all residents can enjoy the beneficial uses of local waterways.
3. Fiscal Responsibility – Provides a quality public service to all residents in a fiscally responsible way. This work was performed before the street was paved to ensure work did not need to be repeated.
4. Innovation – Pipes were replaced with modern materials to ensure a long duration of life.
5. Sustainability & Resiliency – Proper maintenance of the storm drain system contributes to the sustainability of the City's and region's local waterways.

FISCAL IMPACT:

The total fiscal impact of this action is \$187,508.86. Funds are budgeted and available in the accounts listed in the table below.

Fund	Program Name	Account Number	Amount
Gas Tax	Misc. Street Construction	9507027-440223	\$116,255.49
NPDES Storm Drain	NPDES Inspection & Monitoring	4140200-450371	\$71,253.37
Total:			\$187,508.86

Prepared by: Gilbert Hernandez, Public Works Director
Certified as to
availability of funds: Edward Enriquez, Interim Assistant City Manager/Chief Financial Officer/Treasurer
Approved by: Kris Martinez, Assistant City Manager
Approved as to form: Phaedra Norton, City Attorney

- Attachments:
1. Resolution
 2. Map of Area