

CITY OF SANTA ROSA  
CITY COUNCIL

TO: MAYOR AND CITY COUNCIL  
FROM: LISA WELSH, ASSOCIATE CIVIL ENGINEER  
TRANSPORTATION AND PUBLIC WORKS  
SUBJECT: PACIFIC AVENUE RECONSTRUCTION – HUMBOLDT ST TO  
MONTECITO AVE – CONTINGENCY ACTION

AGENDA ACTION: MOTION

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RECOMMENDATION

It is recommended by the Transportation and Public Works Department that Council, by motion, approve additional construction contingency for Contract No. C00661, Pacific Avenue Reconstruction - Humboldt Street to Montecito Avenue, in the amount of \$1,100,000.00, for both unknown conditions and to extend the service life of the roadway, increasing the contract amount to a total of \$6,677,162.80.

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EXECUTIVE SUMMARY

Construction of the Pacific Avenue Reconstruction – Humboldt Street to Montecito Avenue project began in December 2020 to replace portions of water, sewer and storm drain system infrastructure along Pacific Avenue and repave the roadway. In January 2021, the City was notified hydrocarbons were detected in soil within the project limits, calling for additional upgrades to the existing water system. Furthermore, the City of Santa Rosa Materials Lab has recommended the hot mix asphalt (HMA) pavement thickness be increased to extend the roadway design life. Approval of additional contract contingency is necessary to dispose of soil containing hydrocarbons, upgrade additional water main and system components within the project area, and increase the roadway pavement section thickness. This motion will authorize additional contract contingency for Contract No. C00661, Pacific Avenue Reconstruction - Humboldt Street to Montecito Avenue with Argonaut Constructors, Inc., of Santa Rosa, California, in the amount of \$1,100,000.00, increasing the contract amount to a total of \$6,677,162.80.

BACKGROUND

This project will reconstruct a 0.7-mile segment of Pacific Avenue between Humboldt Street and Montecito Avenue. Improvements in this section of roadway will also include:

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- Reconstructing/updating thirty-four (34) curb ramps at intersections between Humboldt Street and Montecito Avenue to meet current accessibility standards
- Replacing approximately 300 feet of sewer main
- Replacing water main within limits of the project, forty-five (45) water services and seven (7) hydrants
- Replacing approximately 220 feet of storm drain, and nine (9) catch basins
- Installing three (3) Rectangular Rapid Flashing Beacon (RRFB) systems located at the King Street, Beaver Street and Elizabeth Way/Spring Street intersections
- Installing three (3) Video Detection Systems located at Humboldt Street, North Street and McDonald Avenue
- Installing approximately 3800 feet of fiber optic cable for traffic signal coordination

PRIOR CITY COUNCIL REVIEW

1. On October 13, 2020, the City Council, by motion, awarded Contract No. C00661, Pacific Avenue Reconstruction - Humboldt Street to Montecito Avenue to Argonaut Constructors, Inc., of Santa Rosa, California, and authorized a total contract amount of \$5,577,162.80, which included a 10% contingency.
2. On April 27, 2021, the City Council, by motion, approved Amendment No. A010146-2016-10A , the first amendment to the Project Work Order with Green Valley Consulting Engineers of Santa Rosa, California for Construction Management and Inspection Services associated with Pacific Avenue Reconstruction-Humboldt Street to Montecito Avenue, increasing the contract amount by \$373,904.00, for a total amount of \$812,504.00.

ANALYSIS

1. On January 20, 2021 the City was notified soil within certain areas of the project limits contained detectable limits of hydrocarbons in the form of motor oil and diesel.
2. Additional testing confirmed hydrocarbon levels in these areas were slightly above threshold levels established by the US Environmental Protection Agency (EPA) for motor oil and diesel in the native soil.
3. Construction activities were interrupted while further analysis was performed, and a new soil disposal site was found.
4. Due to detection of hydrocarbons in the project soil, the Water Department would like to replace approximately 1,000 feet of additional water main within the project limits. Replaced water main will be upgraded to ductile iron pipe and include specialized gaskets resistant to hydrocarbons. Water services and other system components will also be upgraded accordingly.

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5. Water system upgrades are expected to cost an additional \$530,000.00.
6. Cost to handle, off haul and dispose of soil with detectable hydrocarbons resulting from base contract work and additional water system replacement activities is expected to be approximately \$300,000.00.
7. The Materials Lab has recommended increasing the pavement section thickness from 1.13ft to 1.35ft due to a design oversight. The additional cost associated with increasing the existing pavement section thickness is expected to be approximately \$300,000.00.
8. Authorization of additional funds is necessary to maintain sufficient contingency funds to complete the project. The City will exhaust the prior contingency amount of \$507,014.80, in addition to the requested increase of \$1,100,000 of contingency recommended by staff in this report.
9. This construction contract remains on schedule and completion is expected in January 2022.

FISCAL IMPACT

No additional funding is being requested from the General Fund. Additional contingency funding for soil-related activities and water system replacement will be funded by the Water Enterprise fund. Additional contingency funding to increase the HMA pavement section thickness will be funded by Gas Tax. Both funding sources have been approved under a previous Capital Improvement Program budget.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301(c) because it involves the alteration and repair of an existing utility system with negligible or no expansion of existing use and CEQA Guidelines Section 15302(c) because the action involves repair of existing street facilities to meet current public health and safety standards with negligible or no expansion of use beyond which is previously existing.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

NOTIFICATION

Not applicable.

ATTACHMENTS

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- Attachment 1 – Location Map

CONTACT

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