

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: TRACY DUENAS, SUPERVISING ENGINEER
CAPITAL PROJECTS ENGINEERING

SUBJECT: ADOPTION OF A MITIGATION AND MONITORING PROGRAM
AND MITIGATED NEGATIVE DECLARATION AND PROJECT
APPROVAL FOR THE NORTH TRUNK SEWER REPLACEMENT
– MENDOCINO AVE TO TERRA LINDA DR PROJECT

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Transportation and Public Works Department and the Water Department that the Board of Public Utilities, by resolution, 1) adopt the Mitigated Negative Declaration for the North Trunk Sewer Replacement – Mendocino Ave to Terra Linda Dr project; 2) approve the Project; 3) adopt a Mitigation and Monitoring Program for the project; and 4) direct City staff to file a Notice of Determination.

EXECUTIVE SUMMARY

This proposed resolution will adopt the Mitigated Negative Declaration (MND), approve the North Trunk Sewer Replacement – Mendocino Ave to Terra Linda Dr project, and adopt a Mitigation and Monitoring Program (MMP) for the Project. This proposed resolution will also direct City staff to file a Notice of Determination with the County Clerk, as required by California Environmental Quality Act (CEQA) Guidelines.

BACKGROUND

The City of Santa Rosa is proposing to relocate a portion of the existing gravity North Trunk sewer system, from the Paulin Creek corridor between Terra Linda Drive and Mendocino Avenue to a location within the Chanate Road right-of-way. The sewer system varies between 12-inch to 15-inch diameter and serves a large area of northeast Santa Rosa. Originally constructed in the 1950's, a majority of the sewer alignment is located closely adjacent to the stream bank of Paulin Creek and has reached an end to its service life. Limited access within the creek corridor also presents significant

challenges for routine system inspection, resulting in increased operation and maintenance costs. Moreover, erosion along the creek bank has intermittently exposed sections of the existing main over the years, increasing the risks of sewer overflows and potential environmental impacts and regulatory fines. Based on these factors, relocation of the sewer system has been deemed necessary.

In May of 2013, a feasibility analysis of the sewer system was completed by Lescure Engineers, Inc. The analysis concluded with the following three recommended options:

- Option #1 - relocate the alignment to within Chanate Road with a deep gravity trunk main,
- Option #2 - relocate the alignment to within Chanate Road with a standard depth gravity main and two associated pumping stations,
- Option #3 - rehabilitate the existing main in place by means of "Trenchless" cured-in-place pipe (CIPP) lining technology.

Option #2 was deemed infeasible due to the site limitations with building two full scale pump station facilities between Chanate Road and the stream bank of Paulin Creek. Option #3 was deemed infeasible due to increased operation and maintenance costs, and environmental risks with having the system in its current location. Option #1 was the preferred recommendation with consideration to physical site constraints, environmental factors, construction technology, and construction and life-cycle costs. The proposed project represents Option #1.

The proposed project will consist of constructing new 8-inch sanitary sewer main within Lomitas Lane, Lomitas Avenue and Mendocino Avenue. The project will also include constructing new 8-inch sanitary sewer main and new 15-inch sanitary sewer trunk main within Chanate Road. Due to the proposed depth ranging between 11-feet to 38-feet, approximately 1,100-feet of the new trunk located in Chanate Road will be constructed by means of "Trenchless" front-steer guided boring technology. To mitigate traffic impacts in Chanate Road, one-way traffic and detours will be required during boring operations. The proposed project will also involve rerouting 11 sewer laterals, located on private property, from the existing residences to the new sewer main. New 8-inch water mains will also be installed in Lomitas Avenue, Lomitas Lane, and in an existing easement west of Lomitas Lane, to improve fire flow and water system reliability. Street rehabilitation will vary between permanent trench paving, overlay, or full depth reconstruction, depending on the location. Upon completion of the new improvements, the existing trunk sewer will be abandoned including the section within Paulin Creek.

The City must comply with the requirements of CEQA when it undertakes an activity defined by CEQA as a "Project". CEQA is a statute that requires state and local agencies to identify the potentially significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible.

In August of 2018, an Initial Study/Proposed Mitigated Negative Declaration (IS/Proposed MND) was completed by GHD for the proposed project to satisfy CEQA. The IS/Proposed MND describes the purposed project and analyzes the potential impacts to the

environment. The document identified that with the inclusion of specific environmental protection actions and mitigation measures as detailed in the Mitigation and Monitoring Plan (MMP), potential impacts to aesthetics, air quality, biological resources, cultural resources, soils, hazardous materials, water quality, noise, transportation/traffic, and tribal cultural resources would be reduced to less than significant.

Proposed project notification letters were sent to the Federated Indians of Graton Rancheria and to the Lytton Rancheria of California in accordance with Assembly Bill 52. No responses were received. In the event construction activities uncover cultural or archaeological resources, the MMP includes specific mitigation measures to address the avoidance, treatment and protection of resources.

The IS/Proposed MND was issued for public notice and review for 30 days, beginning on August 17, 2018, and ending September 18, 2018. The IS/Proposed MND was sent to the State Clearinghouse for a 30-day public review period and for distribution to pertinent State agencies. The IS/Proposed MND was sent to local resource agencies and posted on the City's Transportation and Public Works Department website. A notice of intent to adopt the MND was sent to landowners in the vicinity of the proposed project and published in the local newspaper. Noticing exceeded CEQA requirements and was consistent with typical City noticing procedures. No comments from the public were received and no revisions to the IS/Proposed MND have been identified.

After the close of the public review period, the City, as the CEQA lead agency, can make a decision regarding approval of the Project. The City must adopt the MND and approve the Project in order to proceed with the next steps in implementing the proposed project.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable

ANALYSIS

This proposed action will adopt the MND, approve the North Trunk Sewer Replacement – Mendocino Ave to Terra Linda Dr project and adopt the Mitigation and Monitoring Program for the project.

The IS/Proposed MND identified that, with the inclusion of specific environmental protections and mitigation measures identified in the MND and MMP, potential impacts would be reduced to less than significant.

Upon adoption of the MND, approval of the Project, and adoption of the MMP for the project by the Board, a Notice of Determination (NOD) will be filed with the Sonoma County Clerk's Office and the State Clearinghouse, completing the environmental review process for the North Trunk Sewer Replacement – Mendocino Ave to Terra Linda Dr project.

FISCAL IMPACT

Approval of this action does not have a fiscal impact on the General Fund. Funds for this project are identified in the fiscal year 2019-20 Capital Improvement Program budget for the Water Department. The Engineer's cost estimate is \$7,737,000.00.

ENVIRONMENTAL IMPACT

Pursuant to the California Environmental Quality Act (CEQA), an IS/Proposed MND was prepared for the project and circulated for 30 days starting on August 17, 2018. A Notice of Intent to adopt an MND was published in the Press Democrat and posted in accordance with the CEQA requirements on August 17, 2018. No comments were received and there are no unresolved environmental issues.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

ATTACHMENTS

- Attachment 1 – Mitigated Negative Declaration (MND)
- Attachment 2 – Mitigation and Monitoring Plan (MMP)
- Resolution

CONTACT

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