



County of San Mateo

Inter-Departmental Correspondence

Department: PUBLIC WORKS

File #: 22-702

Board Meeting Date: 9/13/2022

Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: Ann M. Stillman, Director of Public Works

Subject: American Rescue Plan Act (ARPA) Funding for North Fair Oaks Sewer Infrastructure Plan Project

RECOMMENDATION:

Adopt a resolution:

- A) Approving an allocation of \$1,400,000 in American Rescue Plan Act (ARPA) funds as supplemental funding for the North Fair Oaks Sewer Infrastructure Plan retroactive to February 8, 2022; and
- B) Authorizing Amendment No. 3 to the current on-call engineering and professional services agreement with Woodard & Curran to increase the contract not-to-exceed amount by \$1,400,000 of the aforementioned ARPA funds.

BACKGROUND:

In 2011, this Board approved the North Fair Oaks Community Plan, which identifies North Fair Oaks as a key site for significant higher-density residential and mixed-use development and redevelopment. However, the unprecedented pace of growth both within unincorporated North Fair Oaks, and in incorporated portions of Fair Oaks Sewer Maintenance District (FOSMD or District), including the Stanford in Redwood City project, have revealed shortfalls in wastewater collection and conveyance capacity in North Fair Oaks and other portions of the District. An assessment of the current capacity and future needs of the FOSMD and the downstream components in Redwood City and the treatment facility will enable the County to continue to pursue development policies intended to further the County's adopted housing and development goals, address the critical housing needs of County residents, and allow the levels of development approved by this Board in North Fair Oaks.

On February 8, 2022, this Board approved the County's allocation plan for the remaining \$10,000,000 from the first tranche of ARPA funding, which includes the North Fair Oaks Sewer Infrastructure Plan in the amount of \$1,400,000.

DISCUSSION:

In 2014, RMC Water and Environment, which was later acquired by Woodard & Curran, was selected to update the Fair Oaks Sewer District Sewer Master Plan (Master Plan) prepared in 2000. The 2014 update includes development of a hydraulic model to assess the capacity of the sewer pipes 10 inches and larger in diameter, approximately 30 percent of the system.

Woodard & Curran is currently performing supplemental work to revise the 2014 update of the District Master Plan in order to identify the current capacity and conditions of the FOSMD and its downstream conveyance and treatment components, determine the wastewater treatment requirements generated by current and future development in unincorporated and incorporated areas of FOSMD, and identify appropriate strategies to improve capacity throughout the system, sufficient to meet the total need of FOSMD at current full build-out of all areas in the District.

The allocated \$1,400,000 in ARPA funds will provide a significant portion of the funding necessary to complete the closed-circuit television (CCTV) inspection on the remaining 1,336 sewer segments totaling approximately 292,000 feet of sewer pipes, which were not included in the 2014 Master Plan Update. The CCTV inspection will provide the necessary data to update the hydraulic model and complete the capacity analysis on the entire sewer system in the District.

The Fair Oaks Sewer Maintenance District Master Plan update is a necessary investment in infrastructure that is (1) responsive to an identified need to achieve or maintain an adequate minimum level of service, which may include a reasonable projection of increased need, whether due to population growth or otherwise and (2) a cost-effective means for meeting that need, considering available alternatives. The District's Master Plan update will ensure that the District will be able to provide cost-effective and appropriate levels of service to the entire District for the duration of the supplemented Master Plan's time frame.

FISCAL IMPACT:

The \$1,400,000 allocation of ARPA funding is to pay for the CCTV inspection work in the Woodard & Curran on-call contract. There is no impact to the General Fund.