



# Interoffice Memo

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**DATE:** November 2, 2022

**TO:** Kirk DeJesus, Port Director

**FROM:** Juan G. Villanueva, Director of Facilities & Procurement

**RE:** Information Items: Four proposed projects

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## **EAST COMPLEX SEWER LINE IMPROVEMENTS, PORT ROADS 2 & A**

Replacement of 2,000 linear feet of 8" sewer line on Port Road A and 2 and 1000 of linear feet of lining. The sewer line will pass under 5 railroad tracks that will need to be jacked or boarded in place. New installation of 250 linear feet of 4" force main with concrete and asphalt road repairs over new lines installed. Plans Specifications and Engineering is complete, this project is ready to bid.

- Repair total 3,000 linear feet (approximately 8%) of system. System total: 38,316 linear feet.
- Remaining system slated for replacement 35,316 or 92%.
- Schedule for replacement: 10% per budget year
- 10 year CIP schedule estimated completion 2032
  - Port Roads 2 & A, Dock 3/4
  - Financing: FY2022-23 BUDGET
  - Proposed public bid schedule:

Proposed Date	Proposed Action
December 7, 2022	Mandatory Pre-bid Conference and site visit
December 28, 2022	Bids due
January 17, 2023	Present project to Commission for approval
January 18, 2023	Notice of Award

**AUXILIARY WATER LINE IMPROVEMENTS PHASE 1 - WEST COMPLEX / CIP**

These improvements are part of the Port Capital Improvement Program and are identified in the Port Utility Master Plan. Inspection by engineering service providers, collaboration with Port project managers and Port executive management resulted in the final scope of work, including applicable project standards, design and specifications. Auxiliary Water Line Improvements Phase 1 is ready to bid.

The Port's fire system on the West Complex is in need of improvement due to its age and frequency of system failures. The design for this improvement would allow for replacement of approximately 6,000 linear feet of fire water utility line.

- Phase 1 total 6,000 linear feet
- Total for Phase 1 (approximately 5%) of system
- System total: 118,044 linear feet
- Remaining system slated for replacement 112,044 or 90%
- Schedule for replacement: 10% per budget year
  - West Complex – Humphreys / Fyffe Ave.
  - Financing: FY2022-23 BUDGET
  - Proposed public bid schedule:

Proposed Date	Proposed Action
<b>December 8, 2022</b>	Mandatory Pre-bid Conference and site visit
<b>December 29, 2022</b>	Bids due
<b>January 17, 2023</b>	Present project to Commission for approval
<b>January 18, 2023</b>	Notice of Award

**PHASE 2A, 2B, and 2C WEST COMPLEX SEWER / CIP**

Remove and replace 1000 lf of 8” sewer line and road patch back in sections where main line is damaged. Install 12,700 lf of 6”, 8” and 12” combined Cured in Place Pipe. Re-instate sewer laterals to commercial buildings and traffic control as needed.

These improvements are part of the Port Capital Improvement Program and are identified in the Port Utility Master Plan. Inspection by engineering service providers, collaboration with Port project managers and Port executive management resulted in the final scope of work, including applicable project standards, design and specifications. Phase 2A, 2B, and 2C is ready to bid.

- Phase 1a and 1b total 5,750 linear feet completed FY 21-22
- Total for Phase 1a and 1b (approximately 6%) of system

- System total: 91,246 linear feet
- Total for Phase 2a, 2b, and 2c: 13,700 linear feet (approximately 15%) of system
- Remaining system slated for replacement 71,796 or 79%
- Schedule for replacement: 10% per budget year
  - Southern West Complex
  - Financing: FY2022-23 BUDGET
  - Proposed public bid schedule:

Proposed Date	Proposed Action
January 11, 2023	Mandatory Pre-bid Conference and site visit
February 8, 2023	Bids due
February 21, 2023	Present project to Commission for approval
February 22, 2023	Notice of Award

**DAVIS AVENUE SEWER LIFT STATION 817 REPLACEMENT – SEWER SYSTEM / CIP**

Sanitary sewage flow from the east side of the island is conveyed to a lift station at Building 417-A. A 12-inch pipe then conveys the waste by gravity flow to a pump station at Building 817. Sanitary sewer flow from the remainder of the island is conveyed to the pump station at Building 817. The wastewater is then pumped through the City’s Municipal Utility District’s 12-inch force main line eastward along the northern side of Davis Avenue and across the San Joaquin River to the Regional Wastewater Control Facility. The West Complex’s collection system is maintained by a facilities maintenance staff.

The 817 lift station equipment is end of life. The pumps at the station can no longer be rehabilitated and replacement is recommended. The system replacement will be conducted under the Port Capital Improvement program as recommended by engineering service providers, in collaboration with Port project managers and Port executive management. The final scope of work, including applicable project standards, design and specifications is complete and ready to bid.

- Main Sewer lift station to City Force Main
- Financing: FY2022-23 BUDGET
- Proposed public bid schedule:

Proposed Date	Proposed Action
January 12, 2023	Mandatory Pre-bid Conference and site visit
February 9, 2023	Bids due
February 21, 2023	Present project to Commission for approval
February 22, 2023	Notice of Award