



# Interoffice Memo

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**DATE:** January 9, 2023  
**TO:** Kirk DeJesus, Port Director  
**FROM:** Juan G. Villanueva, Director of Facilities & Procurement  
**RE:** Informational Items: Four Proposed Projects

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The four proposed improvement projects detailed below are part of the Port's Capital Improvement Program (CIP) 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 2 DOMESTIC WATER / CIP**

This project includes 8,000 linear feet of potable water system improvements for existing tenants including backflow preventers.

- Phase 2 total 8,000 linear feet
- Phase 1 & 1A total was 6,664 linear feet (approximately 10% of system)
- System total: 66,000 linear feet.
- Remaining system slated for replacement 51,336 or 80%.
- Schedule for replacement: 10% per budget year
- 10 year CIP schedule estimated completion 2032
- Financing: FY2022-23 BUDGET
- Proposed public bid schedule:

Proposed Date	Proposed Action
February 8, 2023	Mandatory Pre-bid Conference and site visit
March 1, 2023	Bids due
March 20, 2023	Present project to Commission for approval
March 21, 2023	Notice of Award

**AUXILIARY WATER LINE IMPROVEMENTS PHASE 2 - WEST COMPLEX / CIP**

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

- Phase 2 total 6,000 linear feet
- Total for Phase 1 was (approximately 5%) of system
- System total: 118,044 linear feet
- Remaining system slated for replacement 106,044 or 90%
- Schedule for replacement: 10% per budget year
- Financing: FY2022-23 BUDGET
- Proposed public bid schedule:

Proposed Date	Proposed Action
February 22, 2023	Mandatory Pre-bid Conference and site visit
March 15, 2023	Bids due
April 17, 2023	Present project to Commission for approval
April 18, 2023	Notice of Award

**PHASE 1 NATURAL GAS LINE / CIP**

The natural gas distribution system on the West Complex is in need of improvement due to its age and frequency of system failures. This improvement would allow for replacement of approximately 5,000 linear feet of trunk lines and repairs to distribution vaults.

- Phase 1 total 5,000 linear feet
- Total for Phase 1 approximately 6% of system
- System total: 80,048 linear feet
- Remaining system slated for replacement 75,048 or 94%
- Schedule for replacement: 10% per budget year
- Financing: FY2022-23 Budget
- Proposed public bid schedule:

Proposed Date	Proposed Action
February 23, 2023	Mandatory Pre-bid Conference and site visit
March 16, 2023	Bids due
April 17, 2023	Present project to Commission for approval
April 18, 2023	Notice of Award

**FY2022-23 PAVING: BOONE & ELLSBERG / CIP**

The Port’s 23 miles of roadways require improvements and maintenance to enable goods movement through the freight corridor. To date, 7 miles of paving improvements have been completed on the West Complex as shown below:

<b>West Complex Paving Completed as of December, 2022</b>			
	<b>LOCATION</b>	<b>LF</b>	<b>MILES</b>
<b>1</b>	Davis	5,455	1.03
<b>2</b>	Embarcadero	6,600	1.25
<b>3</b>	Fyffe	6,600	1.25
<b>4</b>	Hooper	3,171	0.60
<b>5</b>	Humphreys	10,942	2.07
<b>6</b>	James	271	0.05
<b>7</b>	McCloy (Expressway to Bridge)	5,515	1.04
		<b>38,554</b>	<b>7</b>

Two roadways on the West Complex are slated for improvement this fiscal year: Boone Drive and Ellsberg Drive. Both locations have cracking and failing asphalt and concrete causing potholes, settlement, and ponding water in the roadways. With both locations experiencing heavy truck and forklift traffic, these budgeted improvements would increase the remaining useful life of both locations while improving drainage.

- Boone Drive: 2,200 feet of pavement overlay from Davis to Embarcadero
- Ellsberg Drive: 3,700 feet of pavement overlay from Davis to Embarcadero
- Total paved and planned FY 22-23: 44,454 LF / 8 MI / 37%
- Remaining 76,986 LF / 15 MI / 63%
- Financing: FY2022-23 BUDGET
- Proposed public bid schedule:

<b>Proposed Action</b>	
<b>March 1, 2023</b>	Mandatory Pre-bid Conference and site visit
<b>March 22, 2023</b>	Bids due
<b>April 17, 2023</b>	Present project to Commission for approval
<b>April 18, 2023</b>	Notice of Award

