

Item No.: 9D

Date of Meeting: March 7, 2023

Wooden Light Pole Replacement Program Authorization



THE NORTHWEST
SEAPORT ALLIANCE

SEATTLE + TACOMA

Brett Ozolin
Engineering Project Manager II

March 7, 2023

ACTION REQUESTED

Request project authorization from the NWSA Managing Members in the amount of \$420,000 for a total authorized amount of \$630,000 for design work associated with the Wooden Light Pole Replacement Program, Master Identification No. 201148.01.

Background

- Fallen Timber Light Pole Due to Windstorm
- Wooden Pole Inspection Program Launched
 - 226 Wooden Poles Inspected
 - 47 Timber Poles Required Replacement on Lease Obligated Properties

Background



Background



Background



Background



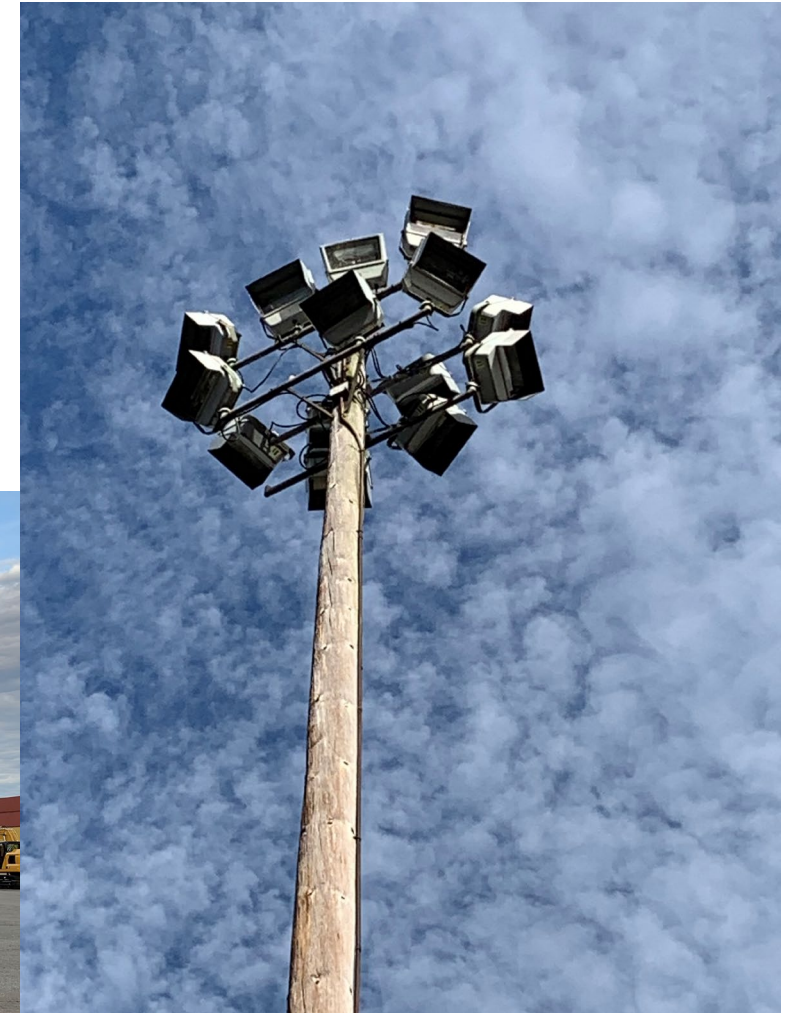
Project Description and Details

- Replace Structurally Compromised Poles With New Poles
- Design Funding For:
 - Preliminary Design (75% Complete-Ongoing)
 - Electrical, Civil, Geotechnical Engineering
 - Alternatives Analysis
 - Final Design
 - Public Works Bid Package Contract Documents (Plans, Specifications, Estimate, Schedule)
 - Port Staff Time

Project Description and Details

- Components of Pole Replacement
 - Foundation
 - Lighting Fixtures and Hardware
 - Pole Attachments
 - Replacement Logistics
 - Traffic Protection

Project Description and Details



Project Schedule

Activity	Timeframe
Preliminary Design	February 2023
Final Design	July 2023
Advertise for Bid	August 2023
Open Bids	September 2023
Notice of Award	September 2023
Substantial Completion	April 2024
Final Completion	May 2024

Source of Funds

- The estimated cost of Design for this project is \$630,000.
- The estimated budget for this project is \$3,220,000.
- The current Capital Investment Plan (CIP) allocates \$3,220,000 for this project.
- This work and associated budget is consistent with the NWSA valuation.
- Work completed since 2022 was previously authorized and is ongoing.

Financial Summary

Item	Budget Estimate	Cost to Date	Remaining Cost
Preliminary Design	\$210,000	\$100,000	\$110,000
Design	\$420,000	\$0	\$420,000
Construction	\$2,590,000	\$0	\$2,590,000
Project Total:	\$3,220,000	\$0	\$3,120,000

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