

Item: 6C

Date: 12/17/24

Port of Tacoma Decant Facility Design Authorization

Elly Bulega, PE

Engineering Project Manager II

Port of Tacoma Commission Meeting

Date: December 17, 2024



Action Requested

Request project authorization in the amount \$884,000 for a total authorized amount of \$1,234,000, for work associated with the Port of Tacoma Decant Facility Design, Project ID # 101640.01.

Background



Background



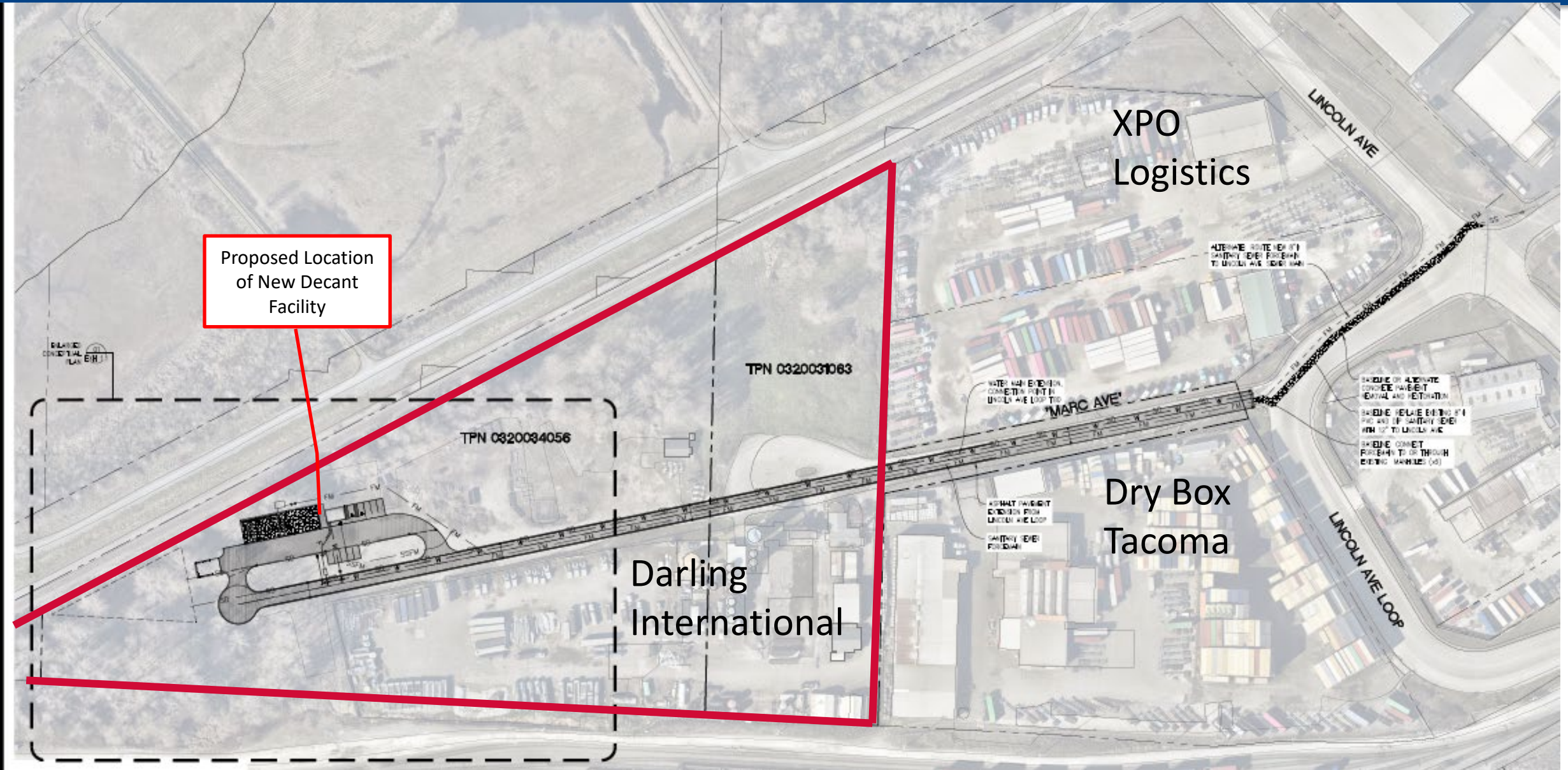
Dump Pit – Beginning of the Port's Wastewater Treatment Facility

Background



Dump Pit – Beginning of the Port's Wastewater Treatment Facility

Project Details (Proposed Facility Location)

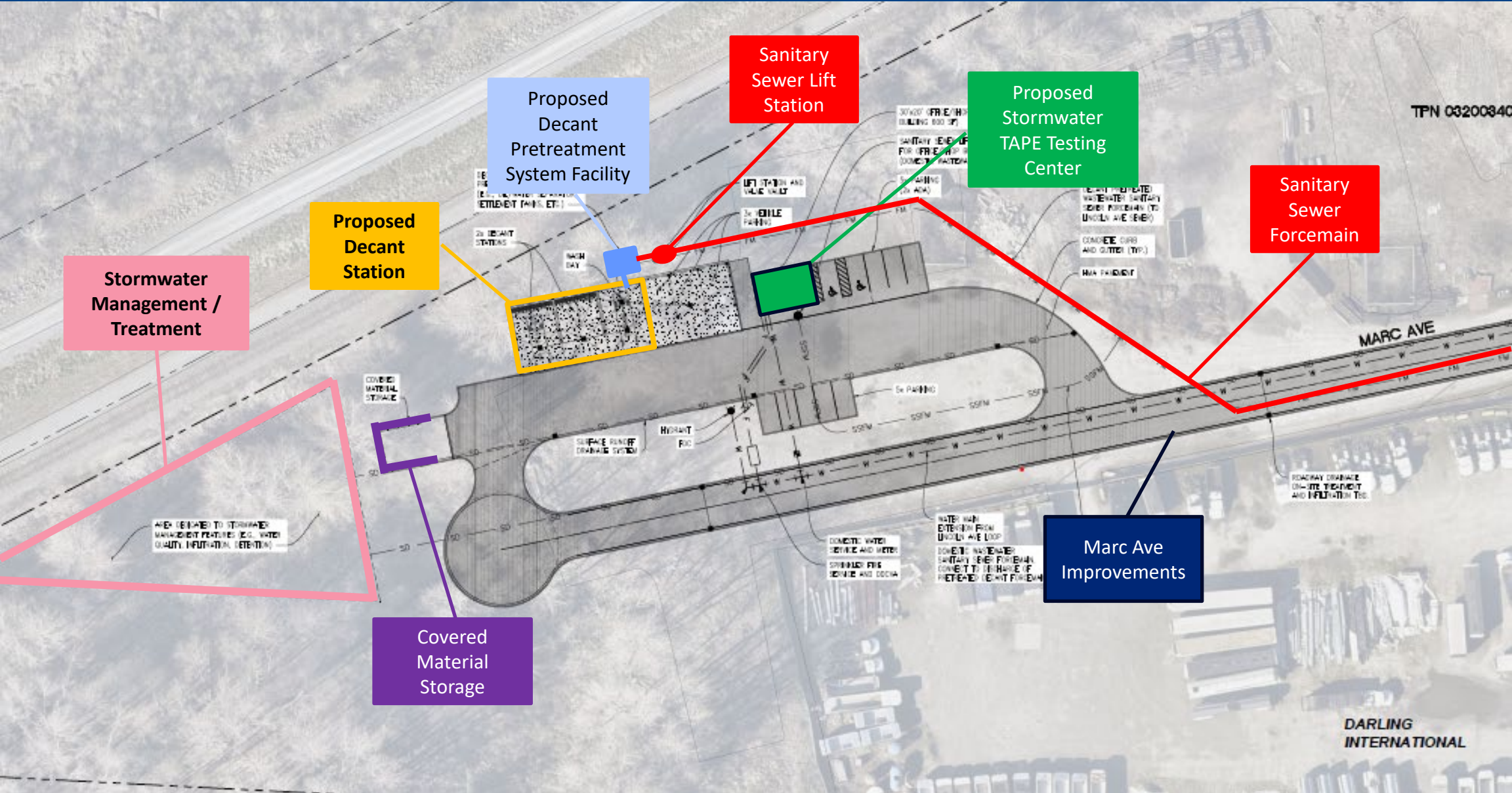


Project Details



Example of Facility the Port will Build: City of Tacoma's Cleveland Way Decant Facility

Project Details (Proposed Decant Facility)



Activity	Timeframe
Applied for Grant	October, 2024
Grant Shortlist	January, 2025
Complete Design	Q3, 2025
Advertise for Bid	Q4, 2025
Substantial Completion	Q2, 2026
Final Completion	Q2, 2026

Financial Summary

Item	This Request	Total Previous Requests	Total Request	Total Project Budget	Cost to Date	Remaining Budget
DESIGN	\$884,000	\$350,000	\$1,234,000	\$1,234,000	\$25,593	\$1,208,407
CONSTRUCTION	\$0	\$0	\$0	\$7,032,000	\$0	\$7,032,000
TOTAL			\$1,234,000	\$8,266,000	\$25,593	\$8,240,407

- Other Port parcels
- Using outside companies for maintenance
- Dumping 100% offsite

Permitting

All required permits will be acquired before the contract is awarded

Remediation

Parcel 37 is located within the footprint of the old City of Tacoma municipal landfill. Refuse and contamination is likely present within the subsurface.

Stormwater

The new facility will have improved capacity, allowing the Port to adequately manage its MS4 and ISGP permits. The new facility will also have a space to formally test new technologies that will support water quality improvements in the future

Air Quality

The main emission sources associated with operations at the facility will be the vector truck, two sweepers, and two pickup trucks. Planning/accommodation for future EV charging will be considered as the project advances.

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Thank You

Questions & Discussion



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