

Project Authorization Increase for Parcel 86 Bank Stabilization Project

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Project Authorization Parcel 86 Bank Stabilization Project



As referenced in Resolution No. 2021-08-PT, Exhibit A, Delegation of Authority Master Policy, Paragraph IV.B.(2), states project costs exceeding \$300,000 require approval from Port Commission.

Request project authorization increase in the amount \$140,000, for a total authorized amount of \$650,000, for the Parcel 86 Bank Stabilization Project, Master Identification No. 101493.01.

Parcel 86 Layout



Current Conditions Parcel 86 Bank Stabilization Project



Project Summary

Parcel 86 Bank Stabilization Project



OBJECTIVE

- Protect the environmental cap and stormwater system infrastructure on Parcel 86 by eliminating continued erosion of the Hylebos Creek bank.

SCOPE OF WORK

- Fabricate and install new sheet pile bulkhead
- Backfill behind new bulkhead
- Clear and re-plant vegetation in select areas

Status Update

Parcel 86 Bank Stabilization Project



- Low bid for project's construction contract was approximately \$104,000 (88%) above the engineer's estimate. Primary factors:
 - continued increase in the price of steel needed for the project's sheet pile bulkhead
 - cost of equipment to install the bulkhead
- Total of (4) bids were received and all were above the engineer's estimate.
- Authorization of additional funds is requested to accommodate increased construction contract value and allow project to proceed with implementation.

Alternatives Considered

Parcel 86 Bank Stabilization Project



- Alternative 1: Cancel the project. If the work is not completed and erosion continues, the Port may be out of compliance with the terms of Enforcement Order and the Restrictive Covenant.
- Alternative 2: Revise project design and/or specify more readily available installation equipment, then proceed with a new bid process before awarding construction contract.
- Alternative 3: Proceed with award of the construction contract to the lowest bidder for sheet pile bulkhead construction, as planned.

Alternative 3 is the recommended course.

Project Schedule

Parcel 86 Bank Stabilization Project



Activity	Timeframe
Bid Opening (Completed)	September 2021
Contract Execution	October 2021
Substantial Completion	February 2022

Source of Funds

Parcel 86 Bank Stabilization Project



- The estimated cost of the Construction for this project is \$397,967.
- The estimated budget for this project is \$650,000.
- The current Capital Investment Plan (CIP) allocates \$510,000 for this project. It will be updated as part of the 2022 budget process.

Financial Summary

Parcel 86 Bank Stabilization Project



Phase	This Request	Total Previous Requests	Total Project Cost	Cost to Date	Remaining Cost
Design	\$0	\$287,243	\$252,033	\$217,401	\$34,632
Construction	\$140,000	\$222,757	\$397,967	\$0	\$397,967
Total	\$140,000	\$510,000	\$650,000	\$217,401	\$432,599

Conclusion

Parcel 86 Bank Stabilization Project



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