



**MILLS to
MARITIME**
RESTORING JOBS. STRENGTHENING ECONOMY.

South Terminal Wharf & Electrical Upgrades – Phase 2

Project Closeout
CIP No. 1-8-001-06
1-0-050-01

Steve Hager, PE

Project Manager

June 9, 2020



@portofeverett | #portofeverett

Grant Information

	TIGER (Transportation Investment Generating Economic Recovery)	NHFP (National Highway Freight Program)	WSDOT Rail Bank Loan	Total
Advanced American Construction	\$ 9,180,544.74	\$ 1,663,760.49	\$ 9,043,045.94	\$ 19,887,351.17
Total Grants/Loans	\$ 10,000,000.00	\$ 1,812,200.00	\$ 11,157,000.00	\$ 22,969,200.00

Scope, Budget & Schedule

- **Construction – \$31.96 million 2017 CIP Budget**
- Demo / Relocate Building T-5
- Increase dock strength (1,000 psf)
- 100-foot gauge gantry crane rails
- Paving / Storm drainage / Modular wetland
- Service utilities at bullrail
- Connection to the new 12KV primary power installed by the PUD
- Installation of transformers, switch gear conduit and cable for gantry cranes
- Three vaults for future mobile harbor crane power (cabling deferred)
- Vaults for future shore power (switch gear, cabling and connector deferred)
- Substantial Completion issued December 26, 2019
- Physical Completion issued April 20, 2020









B
FB











Original Contract with Change Orders

Contract Awarded to Advanced American Construction February 23, 2018

•	Original Contract (w/o WSST)	\$22,391,713.00	
•	Change Order Summary		
	Change Order No. 1	Changed Milestone 1 & 2	\$ 0
	Change Order No. 2	Bullrail, Fiber Optics South, FRP	\$ 218,568.00
	Change Order No. 3	Changed Milestone 1 & 2	\$ 0
	Change Order No. 4	Fiber Reinforced Polymer for Pile Caps	\$ 235,177.04
	Change Order No. 5	Fender Bracket, Fiber Optics North, Cable Slot, Testing	\$ 103,337.00
	Change Order No. 6	Fiber Reinforced Polymer for Pile Caps	\$ 480,000.00
	Change Order No. 7	Changed Milestone 1 & 2, Crane Offload*	\$ 131,709.43
	Change Order No. 8	Crane Power Vault, Panzerbelt Purchase*	\$ 276,539.92
	Change Order No. 9	Changed Milestone, Sub. Compl. Ext., Panzerbelt Credit*, Misc.	\$ 27,478.53
	Change Order No. 10	Extend Physical Completion Date	\$ 0
	Change Order No. 11	Extend Physical Completion date, Ground Rings, GFI Breakers	\$ 33,973.02
	Change Order No. 12 (Closeout Change Order)	Over / Under quantity items	\$ 970,176.22
•	Closeout Contract (w/o WSST)	\$24,868,701.51	

* Charged to Crane project

Proposed Change Order No. 12

Major Quantity Over Run Summary

Demo Existing Asphalt	\$ 30,428.60
Steel Pile Length	\$217,280.00
Pile Cap Repair (Concrete, Reinforcement & Couplers)	\$851,736.30
Import Crushed Rock Base	\$ 16,071.20
Asphalt Concrete Pavement	\$ 93,027.60
Other Over / Under Runs	(\$238,367.48)
Total	\$970,176.22

Construction Cost Summary

	Original Bid	Final Amount
Original Bid	\$ 22,391,713.00	\$ 22,391,713.00
Over / Under Reconciliation		\$ 970,176.22
Change Orders	-	\$ 1,506,812.29
Subtotal	\$ 22,391,713.00	\$24,868,701.51
WSST*	\$ 2,171,996.16	\$ 2,424,359.30
Final Total w/ WSST	\$ 24,563,709.16	\$27,293,060.81

*Tax Rate changed
April 1, 2019 from 9.7%
to 9.8%

Contract Overage Percentages

• Overage Total	11.1%
• Cranes	1.5%
• Port Directed / Quantities.	3.1%
• Pile Cap Repair	6.5%

Commission Action

- Staff requests that the Commission approve the Closeout Change Order No. 12 in the amount of \$970,176.22 (not incl. WSST)
- Staff requests that the Commission accept the South Terminal Wharf & Electrical Upgrades – Phase 2 project as complete and authorize Staff to close out the contract with Advanced American Construction Inc. in the amount of \$27,293,060.81 (incl. WSST)

Kpff Contract South Terminal Wharf/Electrical Upgrade & Cargo Shed Relocation Projects

PSA/Mod	Effective Date	Description	Amount	Commission Approved
Original	8/10/16	Management, Permitting, 50% Wharf Design, Geotechnical, Pin-Pile Analysis, Cost Estimating	\$ 599,900	✓
Mod 1	1/3/17	Additional Geotechnical Analysis for Liquification	\$ 49,098	No
Mod 2	2/15/17	Wharf 75%, 95%, and Bid Documents, Bid Phase Services	\$ 978,000	✓
Mod 3	10/20/17	Modular Wetland and Electrical Enclosure	\$ 83,944	✓
Mod 4	1/2/18	Cargo Transit Shed Structural and Utility Design	\$ 161,250	No
Mod 5	2/23/18	Wharf Construction Support Services	\$ 774,560	✓
Mod 6	4/24/18	Bullrail Modifications for Ro/Ro Access at South End of Wharf	\$ 13,000	No
Mod 7	5/15/18	Cargo Transit Shed Construction Support Services	\$ 41,000	No
Mod 8	5/25/18	Cargo Transit Shed Additional Structural Requirements by the City	\$ 6,005	No

Kpff Contract South Terminal Wharf/Electrical Upgrade & Cargo Shed Relocation Projects (continued)

PSA/Mod	Effective Date	Description	Amount	Commsn Approved
Mod 9	8/23/18	Cargo Transit Shed More Structural Requirements by the City and Underground Impacts to Water Main Location	\$ 11,000	No
Mod 10	12/3/18	Wharf Structural Analysis for Crane Offloading *	\$ 18,380	No
Mod 11	3/22/19	Additional Construction Support Services Due to FRP on Existing Pile Caps	\$ 182,000	No
Mod 12	6/15/19	POLA Crane Related Design Revisions, Crane Stops, Stow Pins, Cable Reel Location, Cable Vault, and Cable Slot Relocation	\$ 46,700	No
Mod 13	1/8/20	Final Plans for Electrical Shed, Panzerbelt Design, Construction Support Services, and Project Closeout	\$ 99,200	No
Mod 14	5/8/20	Additional Construction Support for 480V GFI Breaker and Dive Inspection for Pile Coating Repairs	\$ 29,800	No
		TOTAL	\$ 3,093,837	
		* Charged to Crane Project		



MILLS to MARITIME

RESTORING JOBS. STRENGTHENING ECONOMY.

Thank You!



@portofeverett | #portofeverett