



Item No: 8A_Supp
Date of Meeting: August 2, 2022

Terminal 5 Q2 2022 Update

Presenter: Anne Porter
Director, Waterfront Project Manager, Port of Seattle

Terminal 5 – Program Overview

Primary Elements of Scope



- **Berth Modernization**
 - Crane Rails
 - Dock Rehabilitation
 - Slope Stabilization
 - Berth Deepening
 - Power Supply/ Distribution
- **Uplands Improvements**
 - Permit Conditions
 - Lease Obligations
 - Stormwater
 - Marine Buildings
 - Reefers



Terminal 5 – Q2 2022 Progress

- **Berth Modernization Project**

- Inwater completion: N Berth Dredging, S Berth Toe Wall.
- South Berth: Concrete pours and pile repairs

- **Uplands Improvements Projects**

- Lease Obligations
 - Stormwater - Phase 1 Turnover to Treatment system vendor for installation
 - S Marine Building: prepared bid package
 - Completed agreement for North Reefers
 - Completed utilities to CBP



Installing falsework S Berth



Budget (June 30, 2022)

Forecast currently on budget – the single biggest risk is the Toe Wall resolution
Construction is 85% spent and 79% complete

2022 Quarter 2 Program Budget	Authorized Budget	Quarter 2 Changes	Updated Budget	Spent to Date	Forecast at Completion	Remaining Authorized Budget
Design, Construction, Project Management	\$ 305.5	-	\$ 305.5	\$ 231.1	\$ 321.3	\$ 74.4
Permit Conditions	\$ 14.0	-	\$ 14.0	\$ 6.2	\$ 14.1	\$ 7.8
Stormwater Treatment	\$ 30.0	-	\$ 30.0	\$ 15.3	\$ 32.0	\$ 14.7
Management Reserve*	\$ 43.0	-	\$ 43.0	-	\$ 25.1	\$ 43.0
Total	\$ 392.5	-	\$ 392.5	\$ 252.6	\$ 392.5	\$ 139.9

* There were no material additions or subtractions from Management reserve during this quarter.

Budget by Project (June 30, 2022)

P-85: \$390.2M P-100: \$399.8M	Original Authorized Project Cost	Current Authorized Project Cost	This Request	Total Project Cost	Cost to Date	Remaining Cost
T5 Berth + Design + SCL	\$ 276,000,000	\$ 274,800,000	\$ -	\$ 281,000,000	\$ 222,813,214	\$ 58,186,786
T5 Permit + Tribes	\$ 14,000,000	\$ 14,000,000	\$ -	\$ 14,000,000	\$ 6,193,404	\$ 7,806,596
T5 Stormwater Treatment	\$ 30,000,000	\$ 32,000,000	\$ -	\$ 32,000,000	\$ 15,241,081	\$ 16,758,919
T5 Management Reserve/Risk	\$ 20,000,000	\$ 26,300,000	\$ -	\$ 880,000	\$ -	\$ 880,000
T5 Clean Truck	\$ -	\$ 55,000	\$ -	\$ 55,000	\$ 55,000	\$ -
T5 Marine Buildings	\$ -	\$ 10,100,000	\$ -	\$ 11,200,000	\$ 4,940,877	\$ 6,259,123
T5 RPM + CBP	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000	\$ 366,443	\$ 633,557
T5 Reefers	\$ -	\$ 19,180,000	\$ -	\$ 24,200,000	\$ 1,501,700	\$ 22,698,300
T5 Gate Complex	\$ -	\$ 13,000,000	\$ -	\$ 26,100,000	\$ 735,054	\$ 25,364,946
T5 Operational	\$ -	\$ 1,360,000	\$ -	\$ 1,360,000	\$ 698,742	\$ 661,258
T5 MARAD Grant Admin	\$ -	\$ 705,000	\$ -	\$ 705,000	\$ 19,281	\$ 685,719
Total	\$ 340,000,000	\$ 392,500,000	\$ -	\$ 392,500,000	\$ 252,564,796	\$ 139,935,204
Previously Authorized			\$ 52,500,000			
Revised Total Authorization			\$ 392,500,000			
MARAD PIDP Grant - NWSA			\$ 7,481,133			
WA Ecology - Stormwater			\$ 5,000,000			
WA Commerce - Shorepower			\$ 4,268,000			
WA Commerce - Reefers			\$ 4,316,500			
Authorization - Grants			\$ 371,434,367			
T5 ERL (POS Only)	\$ -	\$ -	\$ 700,000	\$ 700,000	\$ -	\$ 700,000



Terminal 5 – Berth Modernization Trends

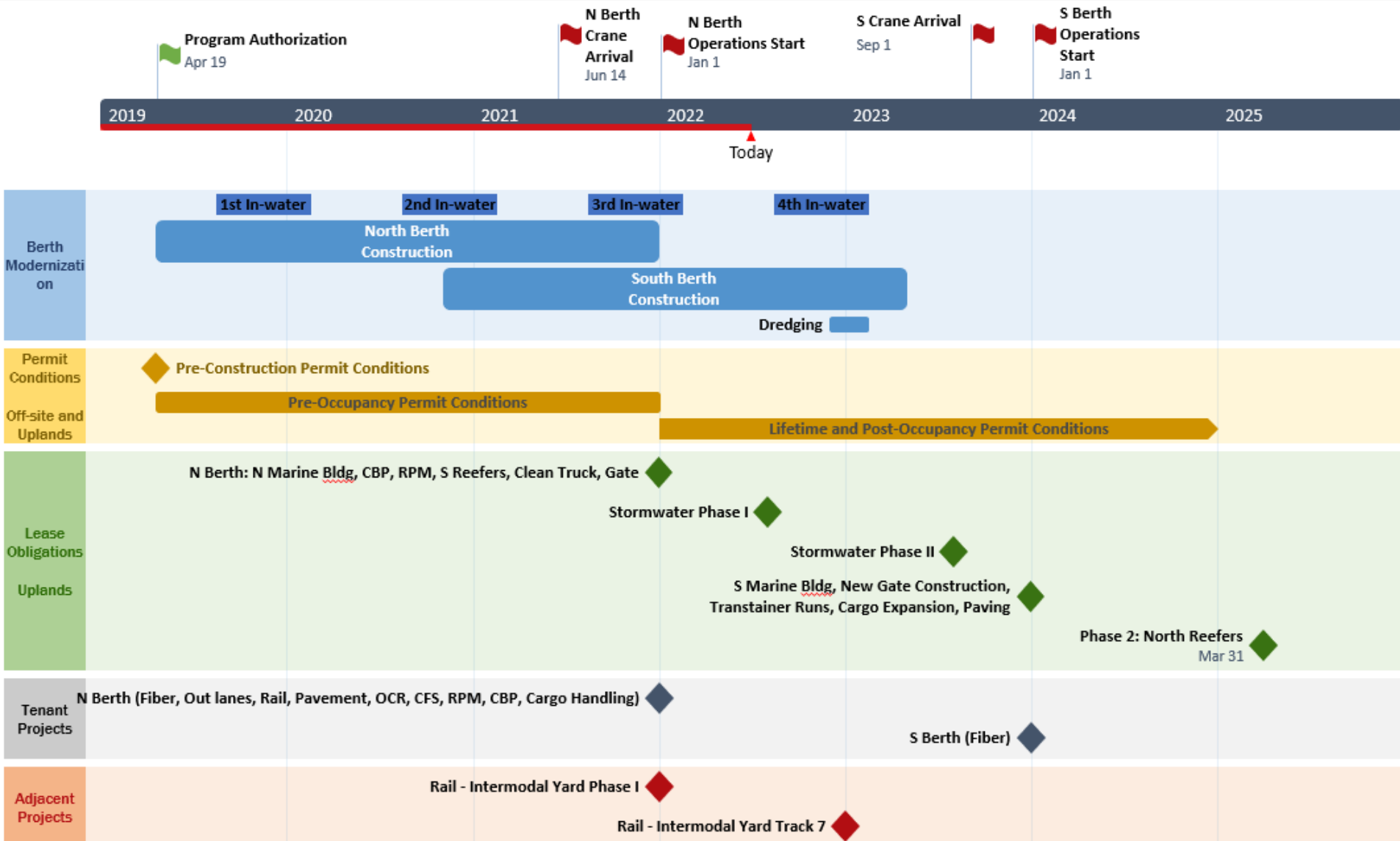
- **Recent Stochastic Analysis and Risk Register updates from June 2022 indicate:**
 - Program currently has a P-85 value (85% probability of being sufficient) of \$390.2M
 - Current expected cost of the program is \$371.4M



Cutting Concrete Pile



Terminal 5 – Programmatic Schedule





Terminal 5 – Community Outreach

- **Media and Community Events**
 - July D1CM meeting.



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Terminal 5 – Look Ahead

- **Q3 2022**
 - Stormwater Phase 1: Completion
 - Stormwater Phase 2: Start Construction
 - South Marine Building: Bid
 - New Gate: MARAD Selection
 - North Reefer: 60% Design
 - Permit Conditions: Construction Start



Final LSCR Concrete Pour



Site Map

#	Project
1	North Berth
2	South Berth
3	Primary Substation
4	Permit Conditions
5	Clean Truck Program
6	Existing Gate Repairs
7	RPM + CBP Utilities

#	Project
8	S Reefer Repairs
9	Stormwater Phase 1
10	Stormwater Phase 2
11	S Marine Building
12	N Marine Building
13	Intermodal Yard (Rail)
14	N Reefers

