



**THE NORTHWEST  
SEAPORT ALLIANCE**  
*Gateway to Solutions*

# **Terminal 5 Modernization Briefing for the Seattle Freight Advisory Board**

# Project Purpose

## “Big Ship Ready”

Improve Terminal 5 to a modern, flexible, well-equipped cargo terminal capable of handling the biggest ships in the Pacific trade lane.



# Terminal 5 – Program Scope

## Berth Modernization Project:

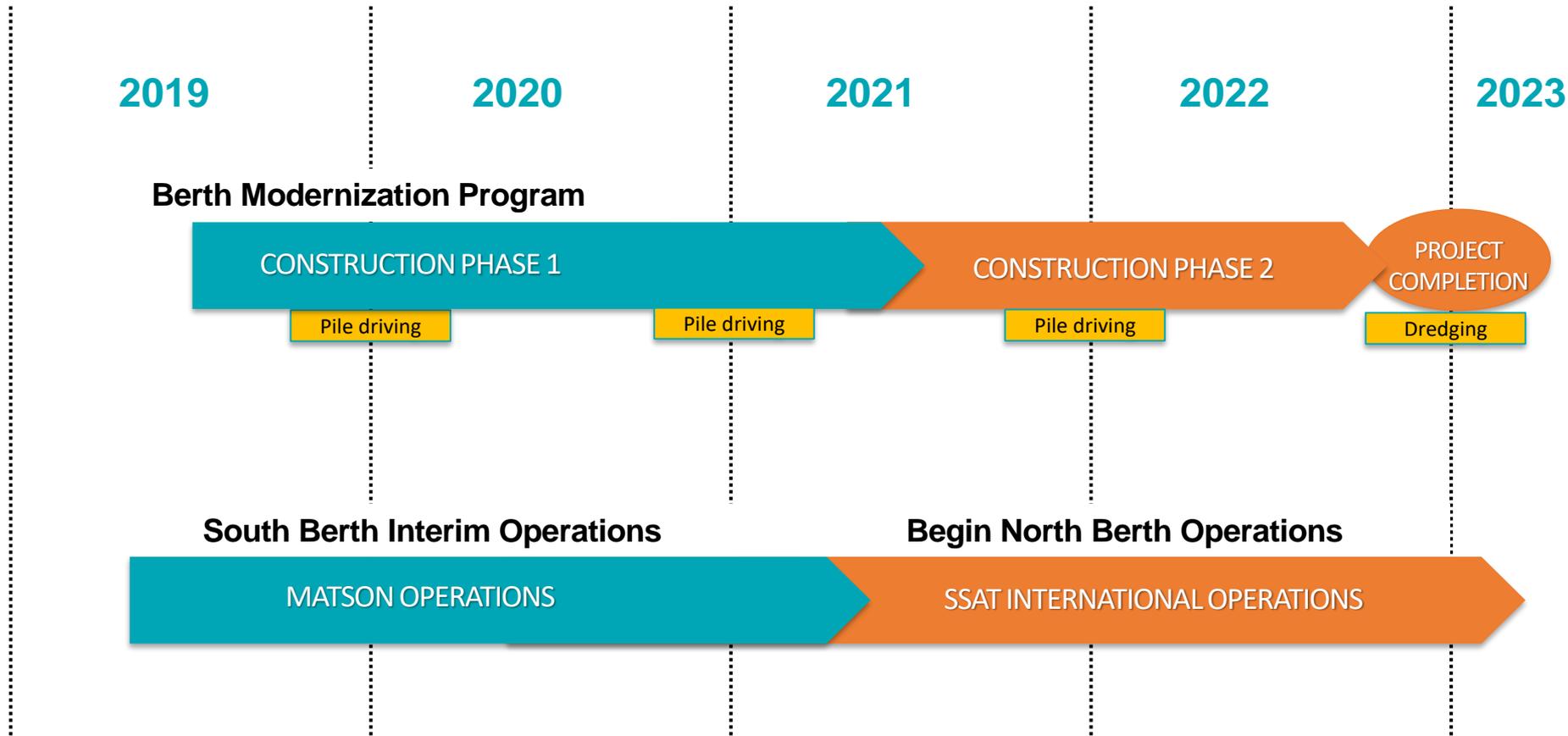
- Dock Rehabilitation
- Crane Rails
- Berth Deepening
- Slope Stabilization
- Power Supply/Distribution

## Uplands Improvement Project:

- Stormwater
- Permit Conditions
- Lease Obligations



# Terminal 5 – Schedule and Phasing



 In-water work windows

# Terminal 5 Project Schedule

Activity	Timeframe
First Matson vessel	April 26, 2019
Groundbreaking/demolition	July, 2019
Pile Driving	Aug. 15 to Feb. 15
New crane arrival	January 2021
Matson departs T5	March 2021
First international vessel	April 2021



# Terminal 5 – Current Status

- **Permits issued, construction bids received**
- **Matson Navigation to call T5 during construction**
  - Matson remains until March 2021
  - Matson's cargo volume will be less than 20% of previous container operation
  - No use of intermodal rail yard
  - One weekly vessel call on Friday/Saturday
  - Broadband backup alarms on cargo handling equipment



# Terminal Shuffle Spring/Summer 2019

Pioneer Square

Carrier	From	To
Matson	T25/30	T5
OOCL	T18	T25/30
MSC/ Maersk	T46	T18



Jack Block Park

Terminal 5

Harbor Island

West Waterway

Terminal 18

East Waterway

Terminal 25

Terminal 46

USCG Base Seattle

Jack Perry Park

Terminal 30

Pier 48

Stadium District



Centurylink Field



T-Mobile Park

SODO

# Terminal 5 – Permit Conditions

- **Air Quality**
  - Implement Air Quality Management Plan
  - Monitor PM 2.5 to confirm operations meet modeled assumptions < 6 tons/year
- **Noise**
  - Implement Operations Noise Management Plan
  - All mobile cargo handling equipment uses broadband safety alarms
  - Railroad Quiet zone
- **Stormwater**
  - Treatment system design is informed by future use
  - Tenant holds ISGP (Industrial Stormwater General Permit)
  - Best management practices and benchmark sampling
- **Traffic**
  - Implement Gate Queue Management Plan
  - Avoid backups past intersection of SW Spokane St and access bridge
  - Roadway and signalization improvements





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Thank you.  
Questions?



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