

Item No.: 6B_Supp
Date of Meeting: May 1, 2018



**THE NORTHWEST
SEAPORT ALLIANCE**
Gateway to Solutions

Terminal 46 Capital Program Overview

Presenters: Tong Zhu, Chief Commercial Officer and Chief Strategy Officer
Ticson Mach, Capital Project Manager V

MSC Laurence at Terminal 46



MSC Laurence docking in the morning



Left: MSC Laurence, right: MSC Sasha aft



Looking forward from the bridge



Looking south toward astern, crane working



MSC Laurence at Terminal 46



Plaque presentation to the captain



Looking across the ship's bridge



Note smokestack separate from the bridge



NWSA detailing some of our port's features



Staff Briefing Update

Staff will provide an update on the capital improvements being done at Terminal 46 as stated in the 13th Amendment to the Lease with Total Terminals International LLC



Background

- 13th Amendment Paragraph 9 “Alteration and Improvements,” the following will be completed:
 - Container Dock Apron crane rail extension
 - Container Dock Structure pile cap and deck panel rehabilitation
 - Container Yard Pavement
 - Storm Water Facilities
 - Lighting Controls
 - Crane Pin Down
 - Fender System



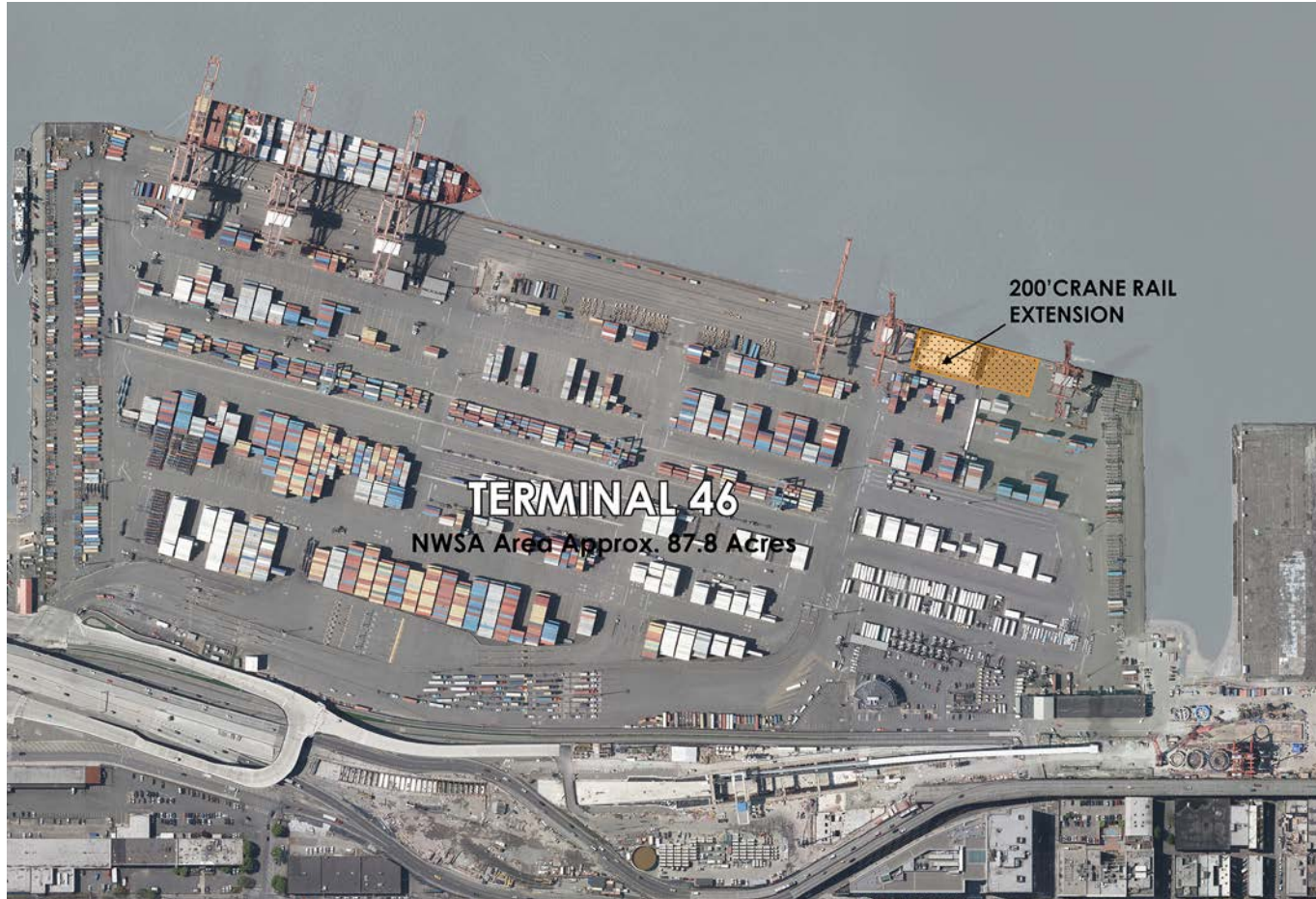
Terminal 46 Lease Obligations



1. Container Dock Apron
North 200' Crane Rail Extension.
2. Container Dock Structure
Rehabilitate the existing dock.
3. Container Yard Pavement
Overlay existing pavement with
up to 6-inches of asphalt. Port of
Seattle Marine Maintenance will
take over maintenance of
pavement sections identified as
needing an overlay until such
time as the overlay is
performed.
4. Storm Water Facilities
Construct improvements that will
allow Lessee to meet current
storm water standards. This
includes upgrading the existing
wash rack.
5. Lighting
Upgrade existing lighting
controls.
6. Crane Pin Down
Construct three additional crane
pin-down locations.
7. Fender System
Add covers over the fender
system



CONTAINER DOCK APRON – U00175



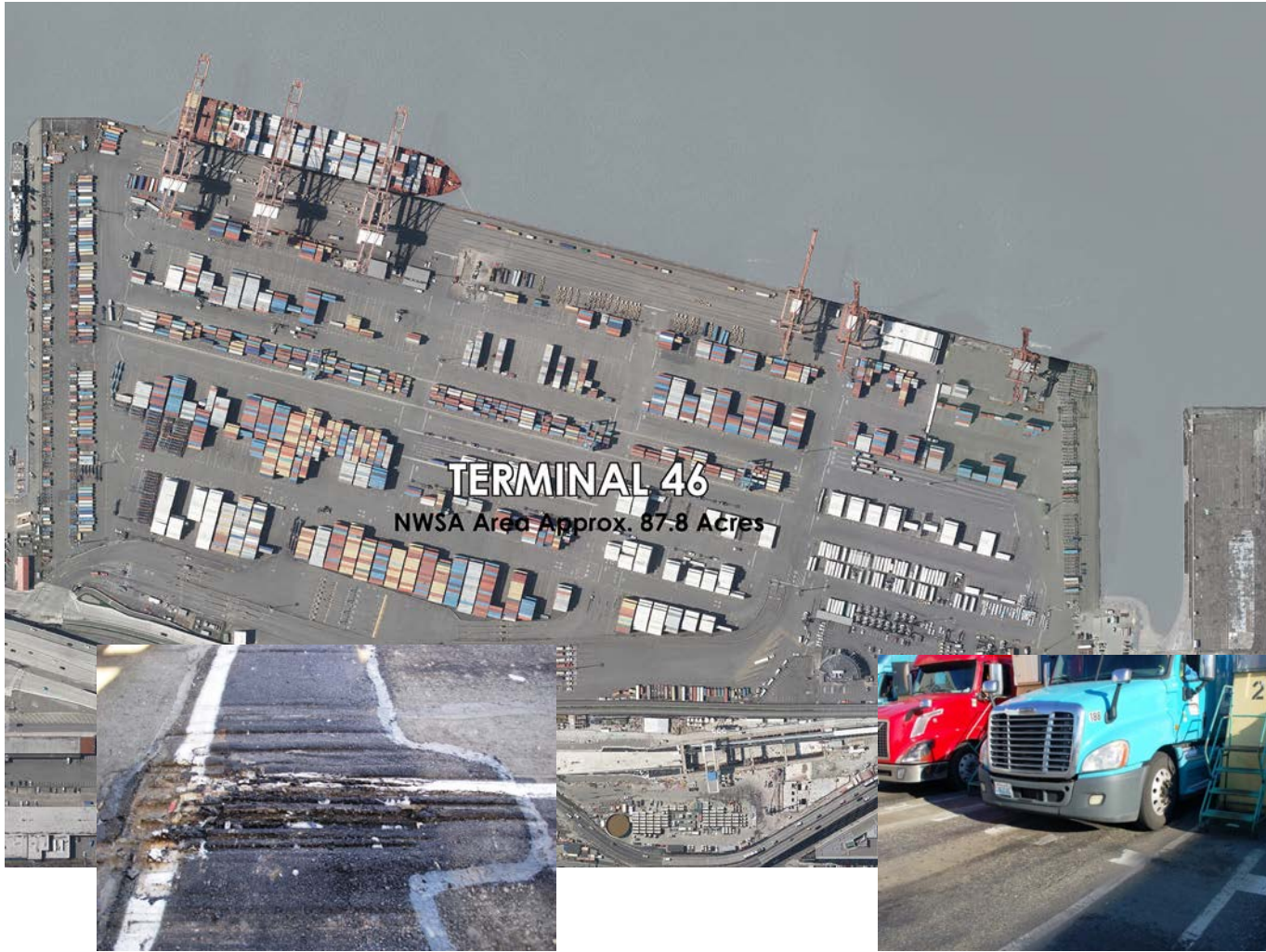
North 200' Crane Rail Extension.

Completed 60% design
Project Cost Estimate \$10.2 Mil
Current Spent \$1.12 Mil

The project is currently on hold until notified by tenant to proceed.



CONTAINER YARD PAVEMENT – U00314



Overlay existing pavement with up to 6-inches of asphalt.

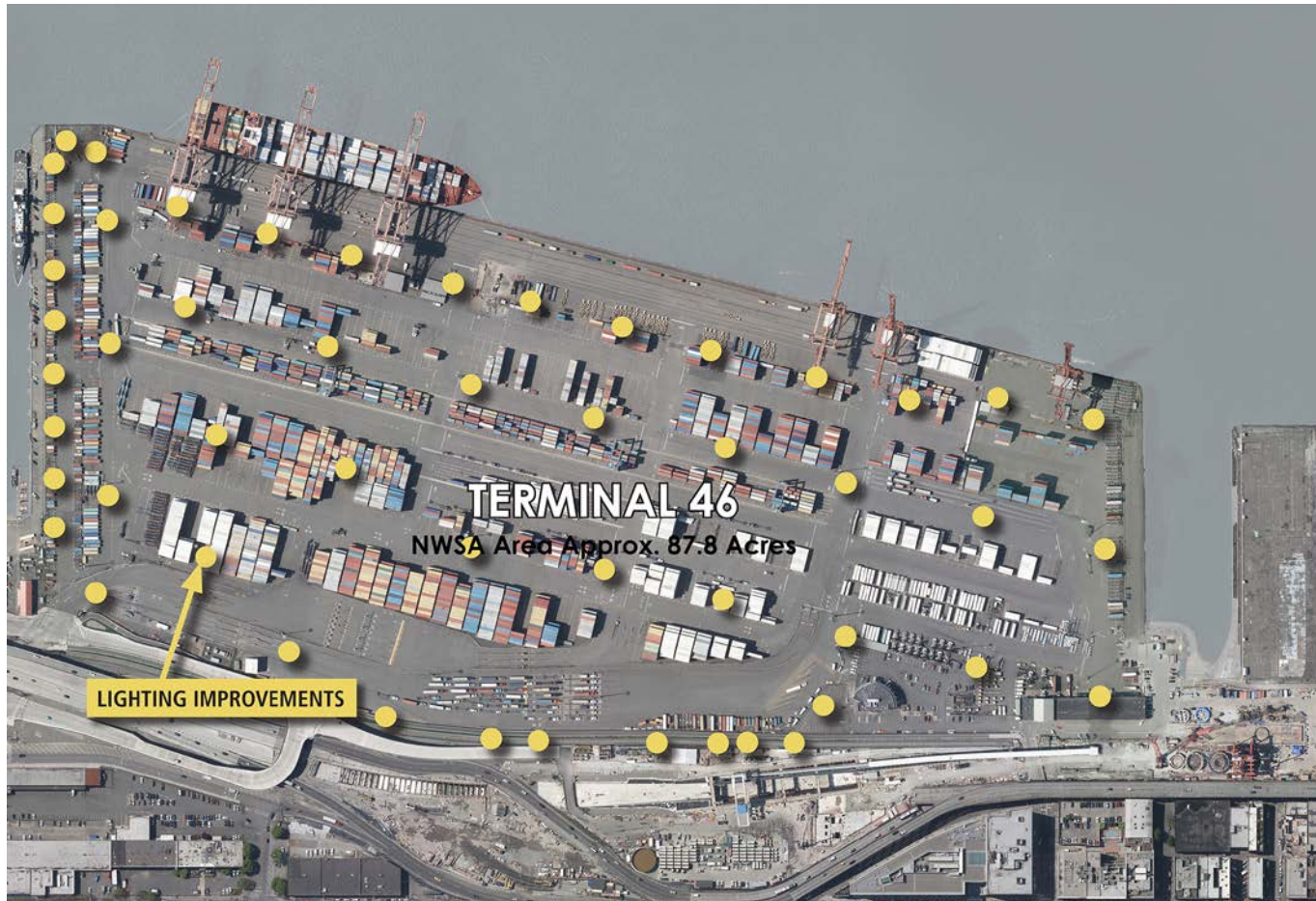
Port of Seattle Marine Maintenance will take over maintenance of pavement sections identified as needing an overlay until such time as the overlay is performed.

\$400k annual allowance for repair starting 2016, tenant options to request overall paving work in the future.

Current Spent \$753k



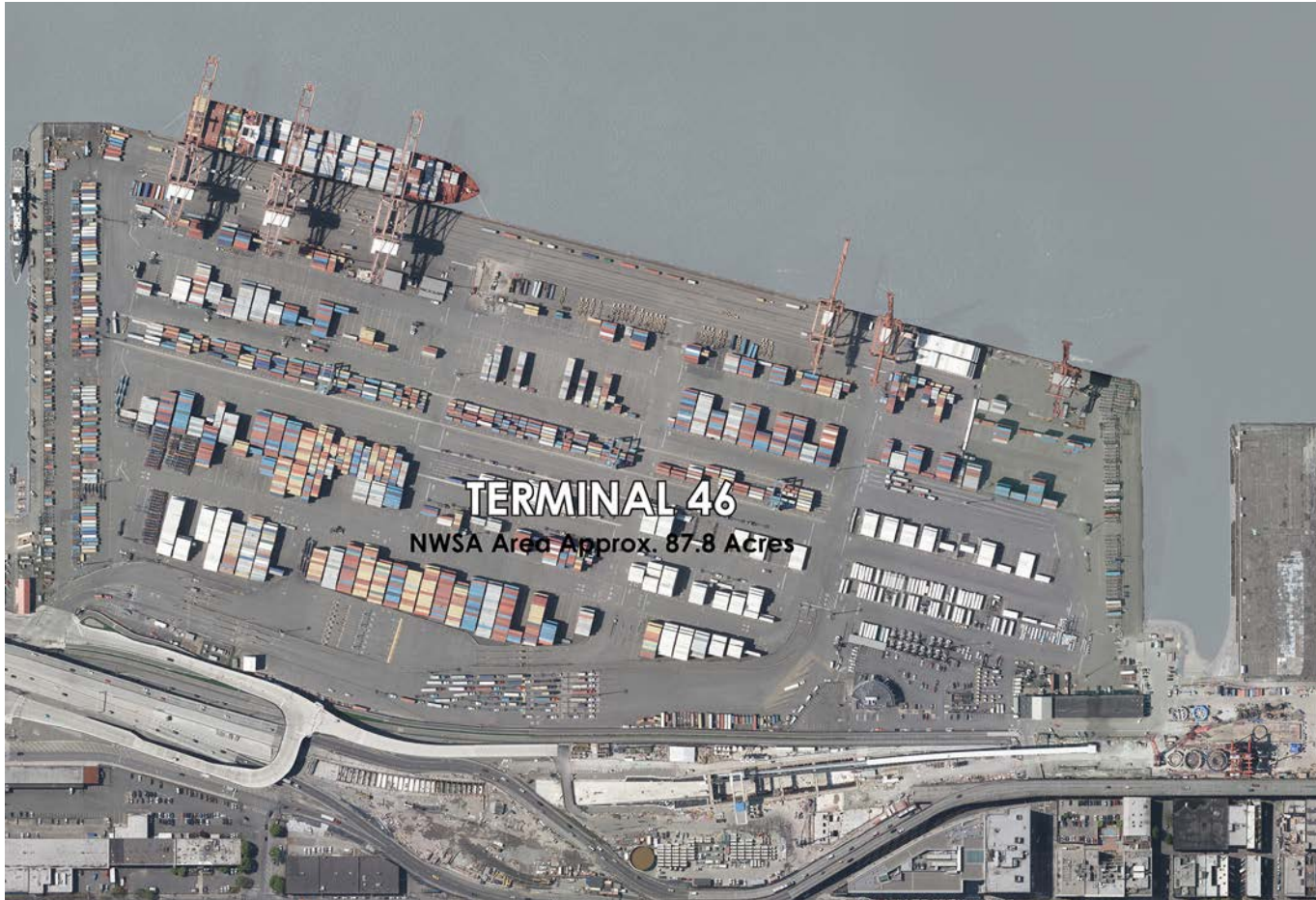
LIGHTING



Upgrade existing lighting controls.
Project Cost Estimate \$730k.
It is currently on hold until notified
by tenant to proceed.



CRANE PIN DOWN



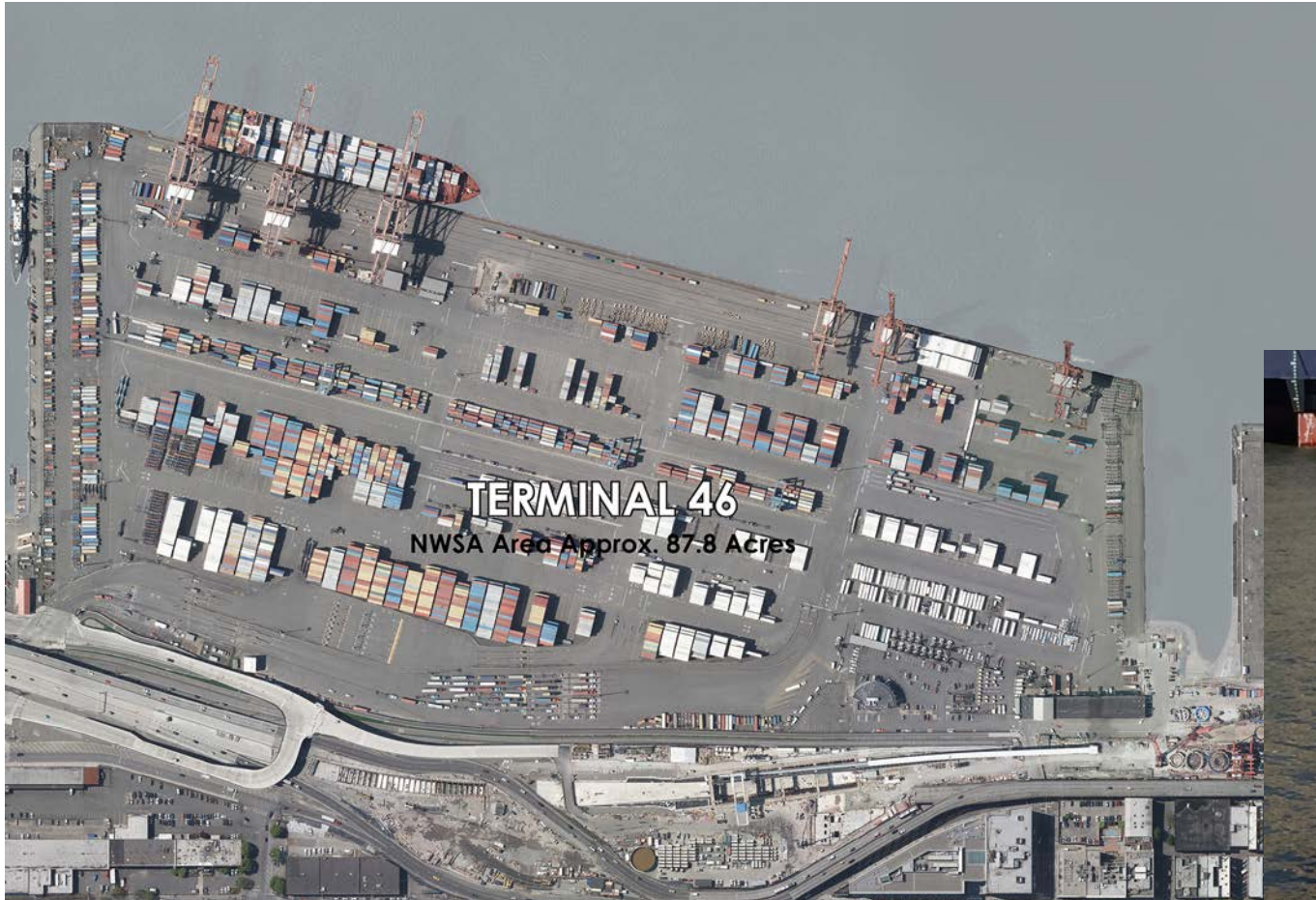
Construct three additional crane pin-down locations.

Project Cost Estimate \$100k.

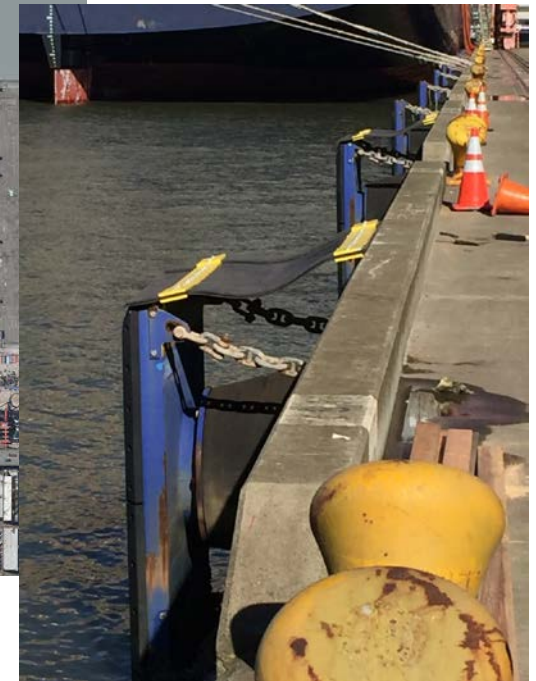
It is currently on hold until notified by tenant to proceed.



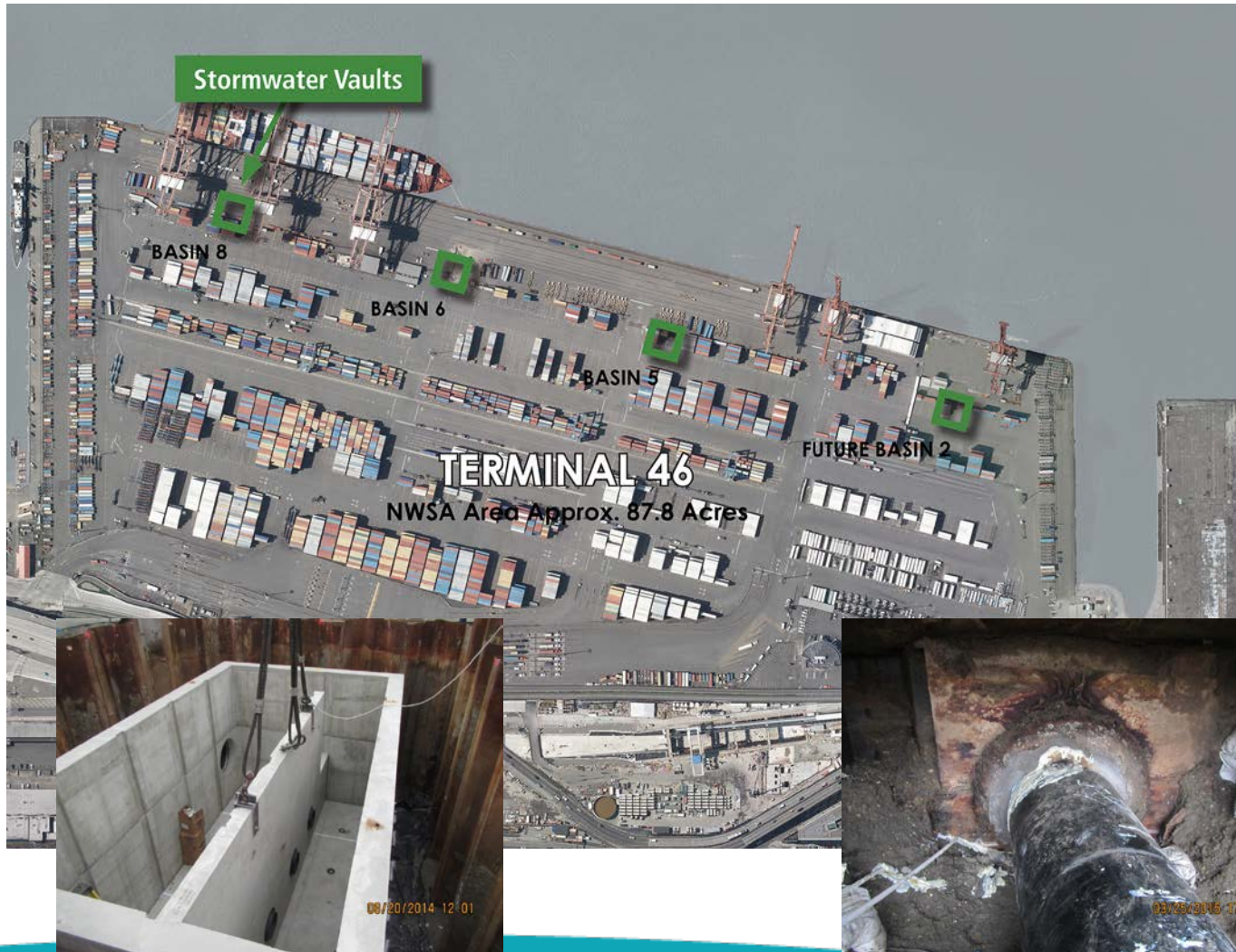
FENDER SYSTEM



Add covers over the fender system.
Work completed April 1, 2018, Total
project cost \$193k.



STORM WATER FACILITIES – U00050, U00347



Construct improvements that will allow Lessee to meet current storm water standards.

This includes upgrading the existing wash rack.

Commissioning of the installed stormwater vault at: basins 5, 6, & 8.

Replaced basin 6 outfall pipe.

Completed lining of basins 5 & 8 outfall pipes.

All works related to basins 5, 6, & 8 are split to Port of Seattle asset.

Basin 2 stormwater vault to be construct in 2019. Project Cost Estimate \$4.3 Mil.

TIGER Grant Fund \$300k.

Current Spent:

U00050 Basins 5, 6, 8 \$5.78 Mil

U00347 Basin 2 \$535k

CONTAINER DOCK STRUCTURE - 104827



Rehabilitate the existing dock.

Construction to start:
April 2018

Complete by:
March 2020.

TIGER grant fund \$19 Mil.

Project Cost Estimate \$18.9.8 Mil

Current Spent \$874k

Next Steps

- Construction of Container Dock Structure: The work includes approximately 2,600 lineal feet of rehabilitate underdock concrete pilecap and decking area.
- Design of the fourth stormwater treatment system



Questions