

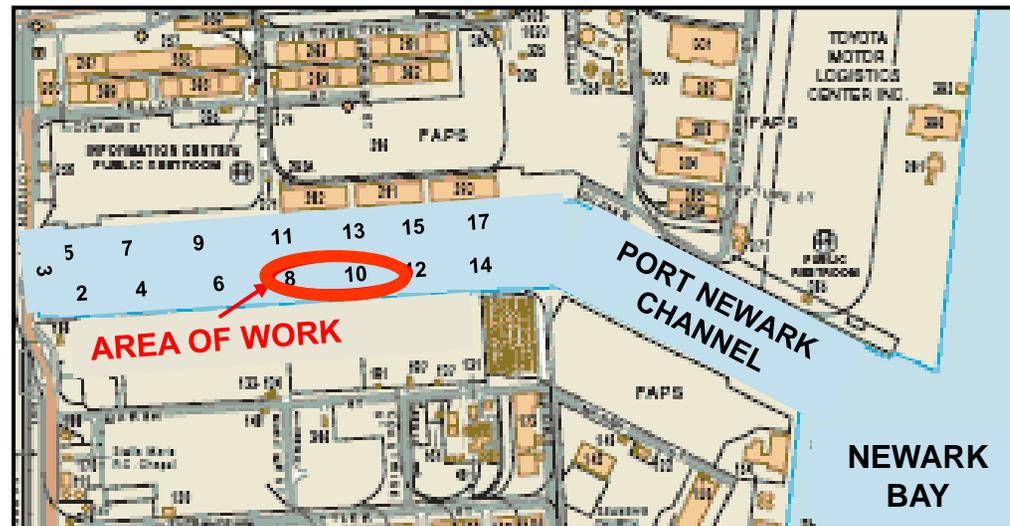
***Port Newark – Berth 8 and Part of
Berth 10 – Wharf Reconstruction –
Project Reauthorization***

COMMITTEE ON CONSTRUCTION

May 18, 2010

Berth 8 and Part of Berth 10 Wharf Reconstruction Background

- 40-year old wharf structures supported by timber piles
- Extensive marine borer damage
- Operations exceed deck loading capacity
- Berth deepening required for larger ships

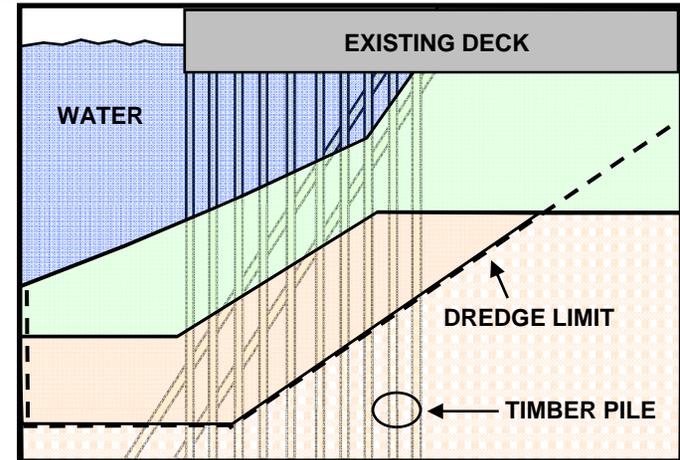


PORT NEWARK FACILITY MAP

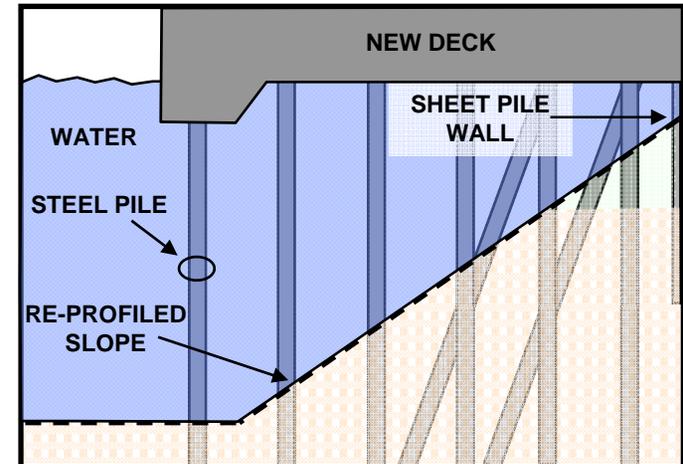
Berth 8 and Part of Berth 10 Wharf Reconstruction Board Authorization and Contract Scope

\$36 million project authorized in July 2007 to:

- Demolish the relieving platform, concrete deck and timber piles
- Relocate the existing utilities
- Construct a steel pile supported concrete deck
- Dredge along the face of the wharf to 45 feet
- Transport and dispose of the dredged material



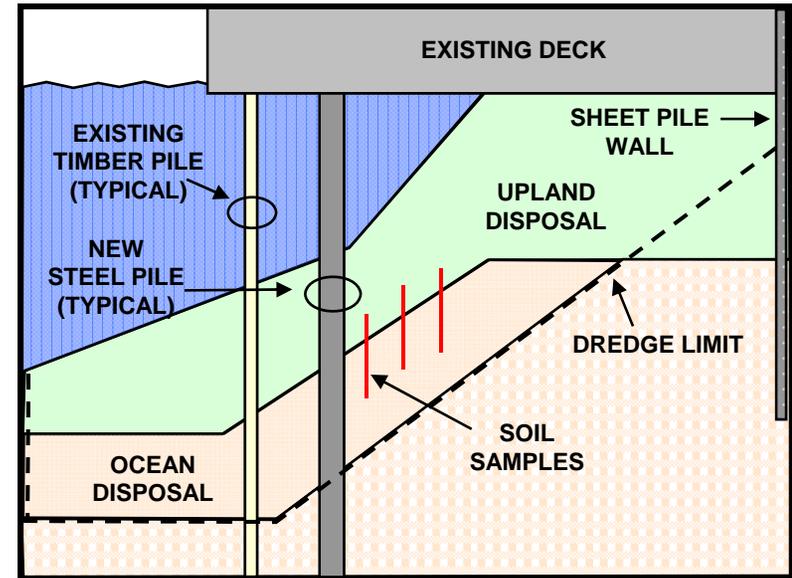
EXISTING WHARF CONDITIONS



FINAL WHARF CONDITIONS

Berth 8 and Part of Berth 10 Wharf Reconstruction Schedule Impacts

- Obtaining permit for ocean disposal:
 - U.S. Army Corps of Engineers' approval of soil sampling results was delayed by nine months
- Unforeseen field conditions:
 - Soil movement occurred when the existing timber piles were removed
 - Modifications to the steel piles and sheet pile wall were required, resulting in a four-month delay



Steel Reinforcement



Steel Bracing

Berth 8 and Part of Berth 10 Wharf Reconstruction Requested Increase

- Previously Authorized Amount: \$36.0 million
- Additional Funding Requested: \$ 3.6 million
- Total Project Reauthorization: \$39.6 million

- Forecasted Completion: July 2010