

Terminal 5 Improvements

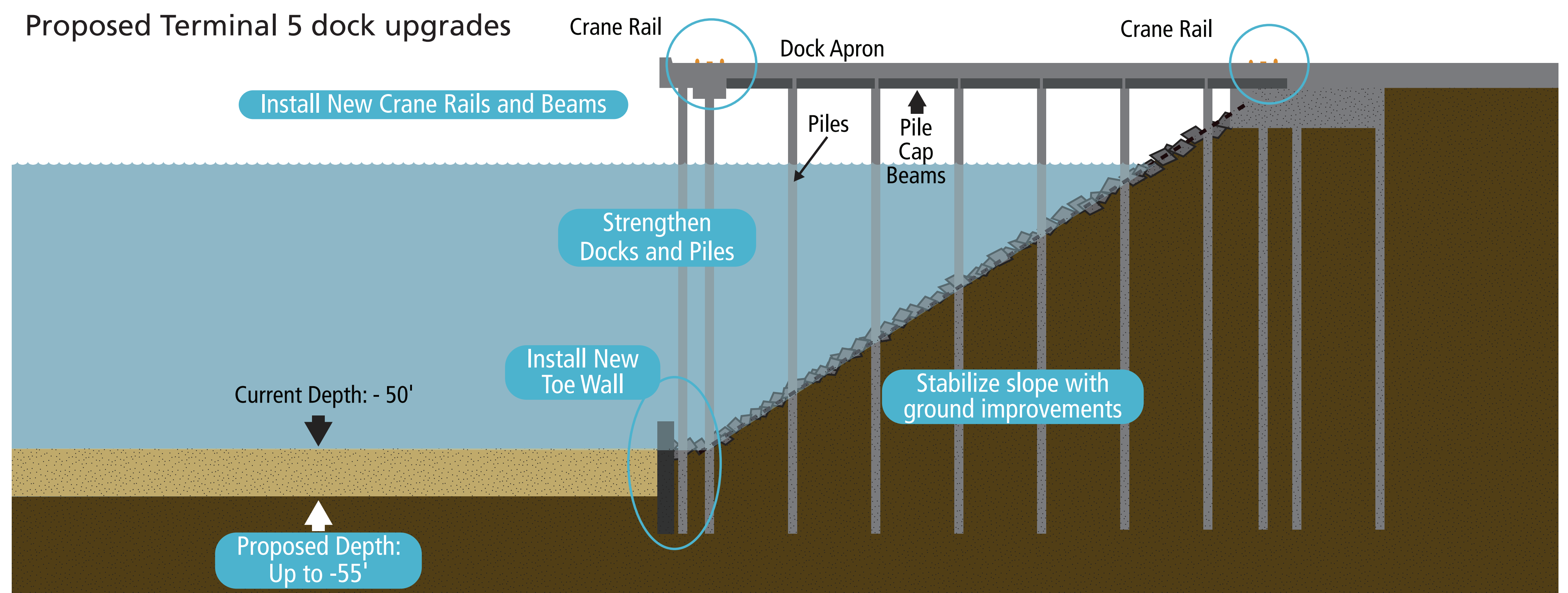
This proposal consists of completing rehabilitation to existing container facilities, including cargo wharf upgrades, berth deepening, electrical service capacity improvements and uplands improvements to accommodate vessels up to 18,000 TEUs in size and to optimize cargo-handling capability.

The current dock structure cannot handle the weight of the larger cranes needed for bigger ships. The following dock upgrades are proposed:

- Upgrade beams, piling and deck panels
- Replace creosote-treated wooden piles with an environmentally friendly, panelized fender system
- Install new crane beams and rails

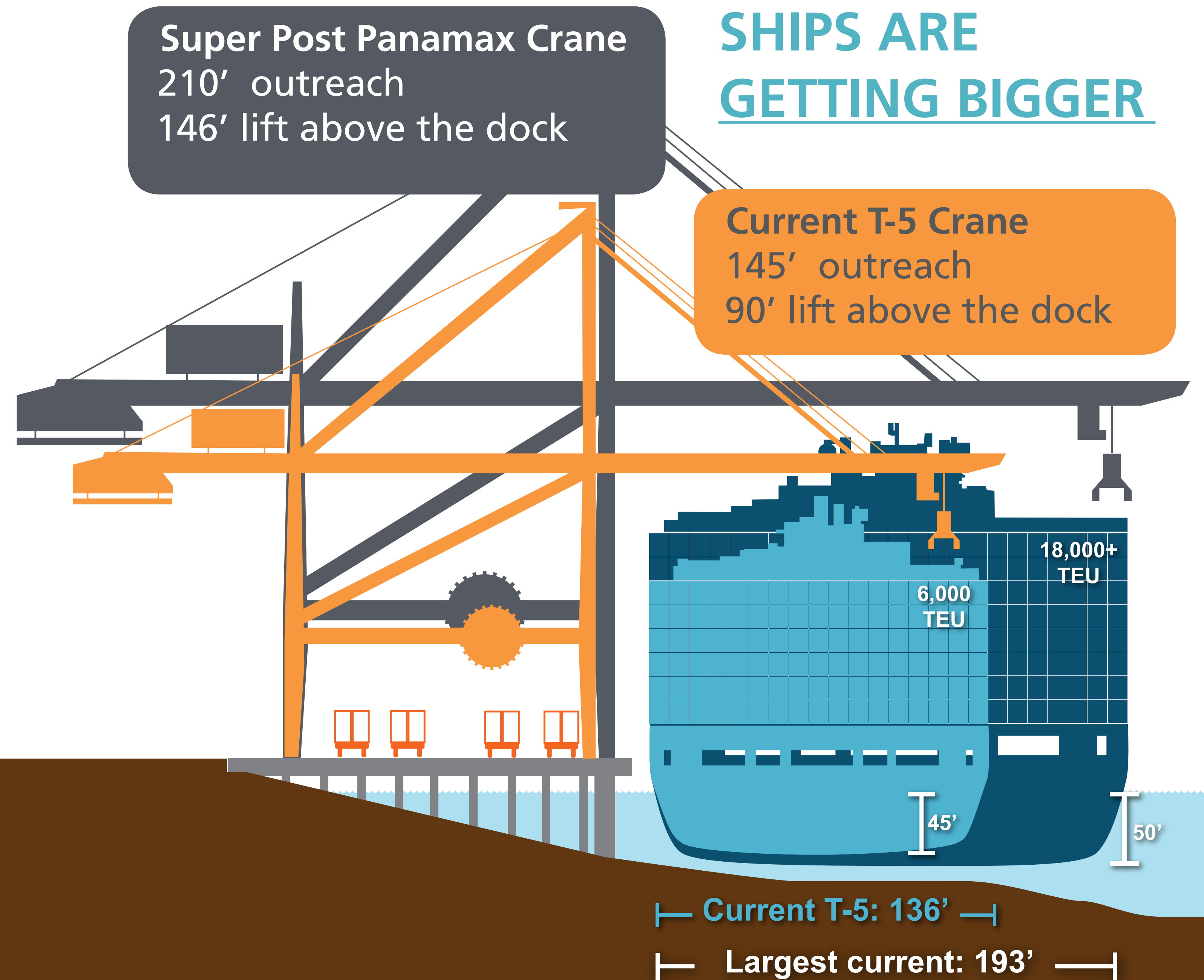


Proposed Terminal 5 dock upgrades



Project Goal: Serve Larger Ships

Proposed improvements at Terminal 5 include serving ships up to 18,000 TEUs in size. Power upgrades and deeper berths, along with dock upgrades, would allow Terminal 5 to handle larger, more fuel efficient ships.



What's a TEU?

TEU stands for twenty-foot equivalent unit. A 6000 TEU ship would have 6000 twenty foot containers.



Environmental Review

The State Environmental Policy Act (SEPA) requires state and local agencies to evaluate the likely environmental consequences of proposed development actions.

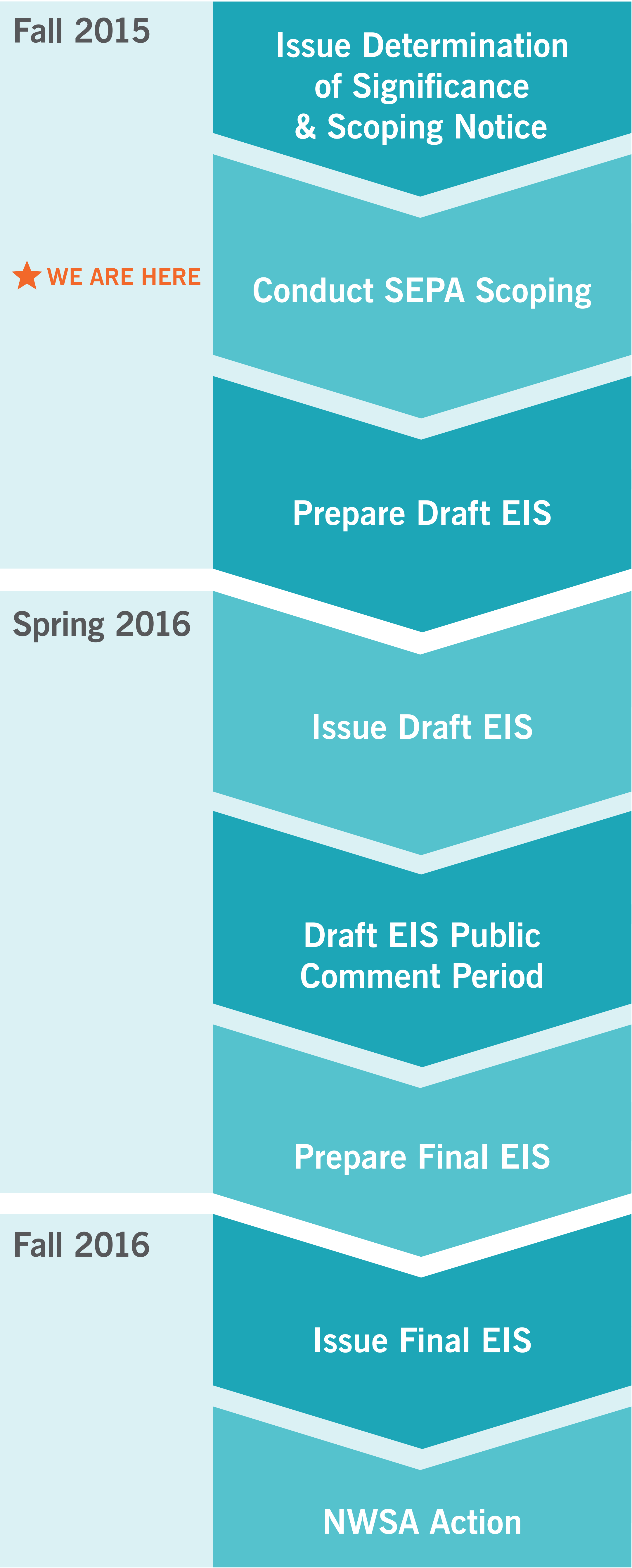
An Environmental Impact Statement (EIS) provides an objective analysis of the likely significant environmental impacts, feasible alternatives, and measures that would avoid or minimize adverse environmental impacts.

What is Scoping?

Scoping is the first step in the EIS process. During scoping, we invite agencies, tribes, and the community to comment on the likely range of alternatives and areas of impact that should be evaluated for the Terminal 5 Improvements project.

Next Steps

Once scoping is complete, we prepare a Draft EIS. The Draft EIS provides agencies and the public with information on likely significant adverse environmental impacts and possible mitigation measures. We ask the public for comments on the Draft EIS. The Final EIS will respond to comments received on the Draft EIS and may include revisions based on comments received and new information learned.



The environmental review process for the Terminal 5 Improvements Project

Proposed Analyses - Are We Missing Anything?

12 environmental elements have been preliminarily identified for analysis in the EIS. Examples of types of analyses we will study are provided below:



Air Quality

- Identification of existing air quality conditions and primary sources of existing emissions

Description of:

- Anticipated dust and emissions during construction
- Emission sources during operation
- Likely greenhouse gas emissions



Noise

- Description of existing noise levels on and near the site

Analysis of:

- Anticipated noise conditions during construction
- Expected noise conditions with the proposal



Transportation

- Evaluation of mitigation requirements

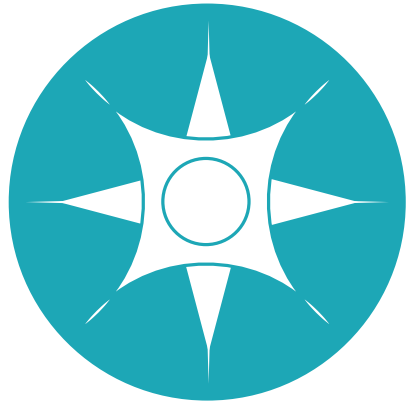
Description of:

- Existing roadway network in the site vicinity
- Existing vehicular traffic volumes
- Existing nearby freight truck and rail traffic
- Planned nearby transportation and transit projects
- Existing nearby pedestrian and bicycle facilities

Analysis of:

- Trip generation and distribution from assumed site development
- Non-motorized and pedestrian opportunities with proposed development and impacts on existing facilities

We will also consider analyzing the following elements:



Aesthetics/Light and Glare



Earth



Environmental Health



Historic/Cultural



Land and Shoreline Use



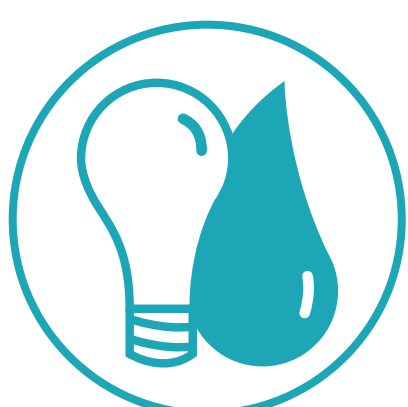
Plants and Animals



Public Services



Stormwater



Utilities

Terminal 5 Project Area



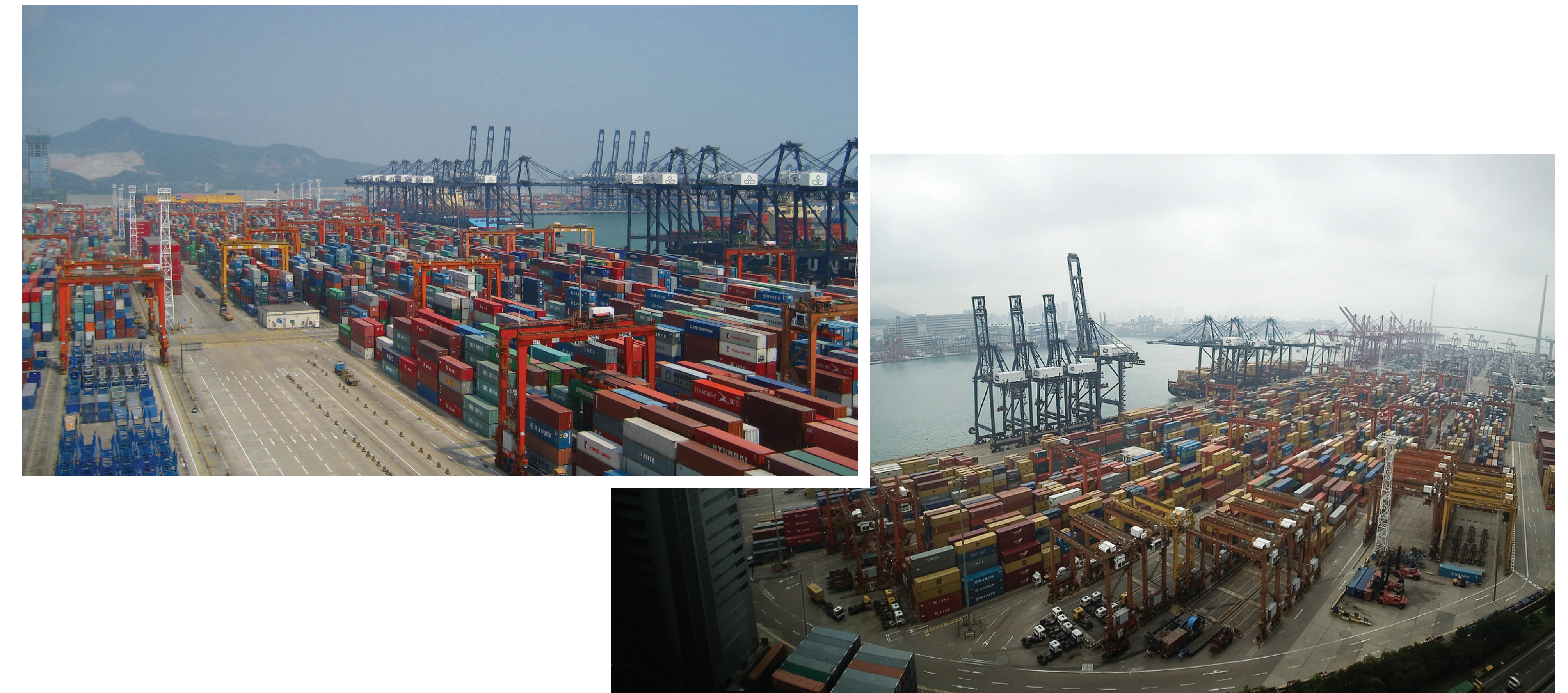
Concepts For Future Terminal Operations

For illustrative purposes only. Pictures are from different ports and represent conceptual plans for operations.

Rail-Mounted Gantry Crane Operations



Rubber-Tired Gantry Crane Operations



Straddle Carrier Operations



Top Pick and Rubber-Tired Gantry Crane Operations

