ALASKA'S REGIONAL PORT



THE PORT OF ANCHORAGE

INTERMODAL EXPANSION PROJECT

RDC Presentation





Cook Inlet Conditions

- High tidal range over 34 feet
- Tidal currents to 5+ knots
- Pan ice several months of the year
- Silt laden waters require annual dredging



Alaska-Tacoma Horizon Service



Alaska-Tacoma TOTE Service

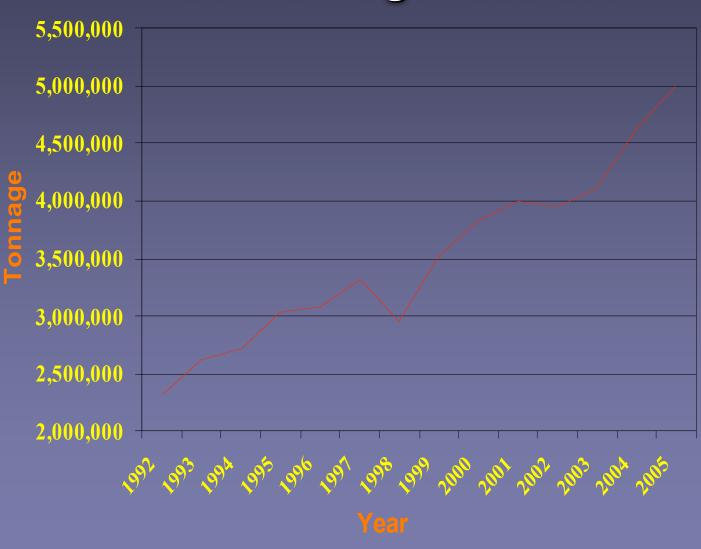


Port of Anchorage Users

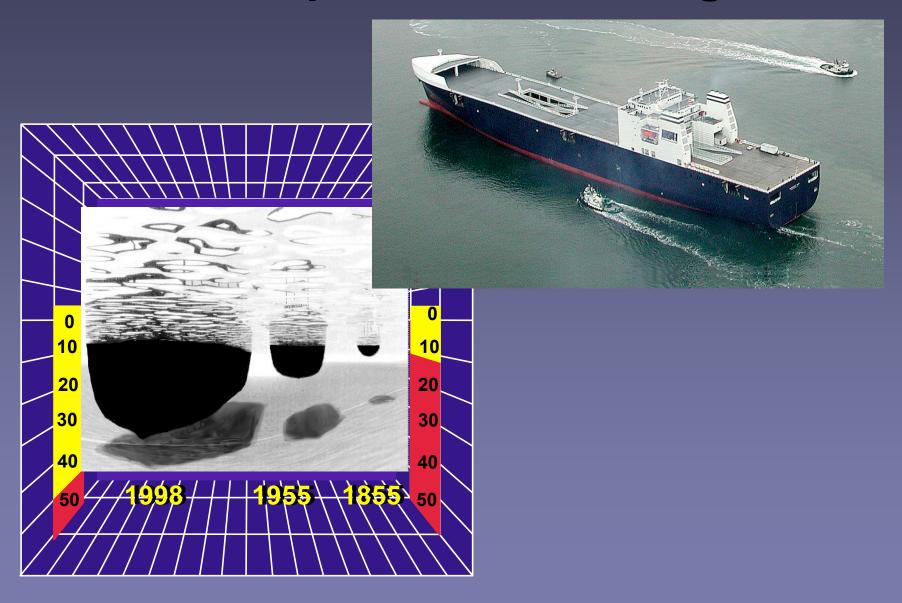
- **Containers**
- Petroleum
- **Dry Bulk/Cement**
- Cruise Passenger
- **Coast Guard**
- Military



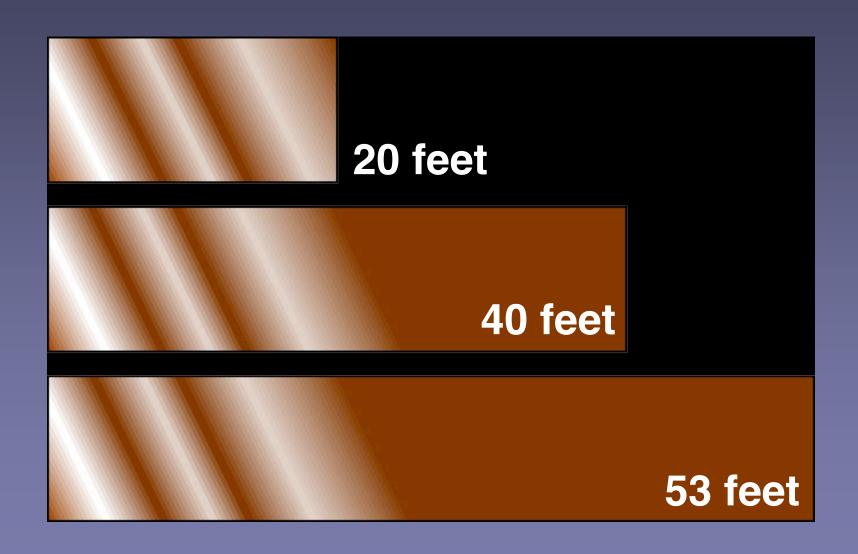
Port of Anchorage Annual Tonnage 1993-2004



Ship Sizes Increasing

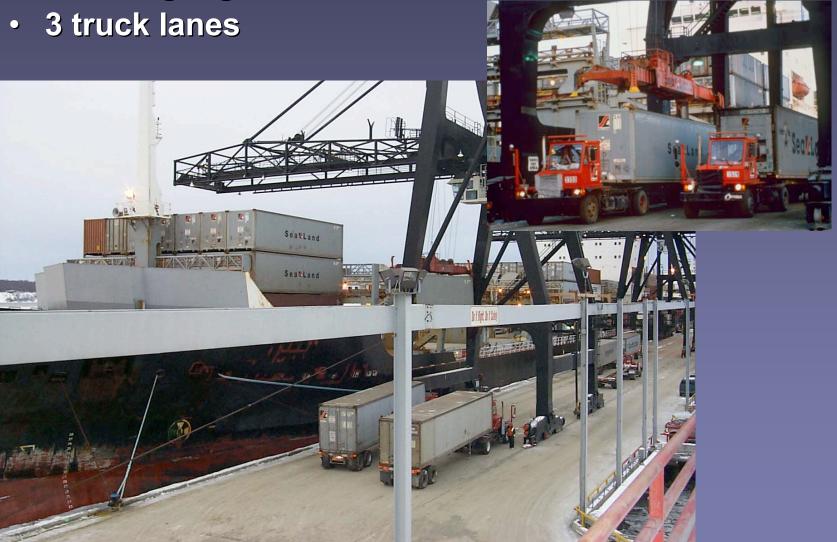


Container Sizes Increasing



Current Crane Operations

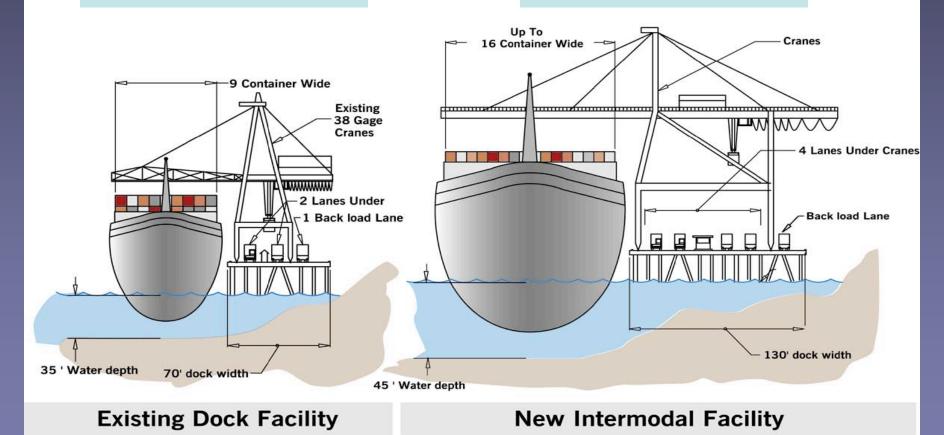
38 foot gauge cranes



Crane Comparison

Currently have 38-ft gage cranes, with 3 truck lanes and 9 container reach

Future is 100-ft gage cranes, with up to 5 truck lanes and 16 container reach



Increasing military deployments

- Requires <u>strategic</u> transfers from road or rail to water
- Must be rapid, efficient, and secure



2003 Pre-Construction



2003 Pre-Construction



2004 TOFC Preparation



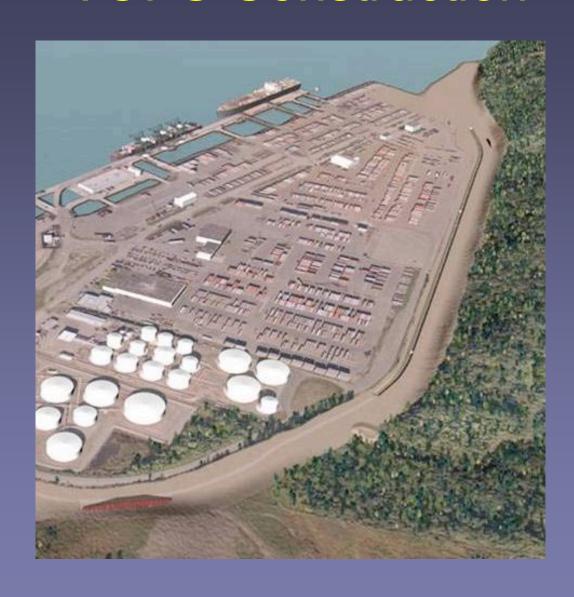
2005

TOFC Construction

Slope Stabilization

Construct Retaining Walls

Install Drainage System



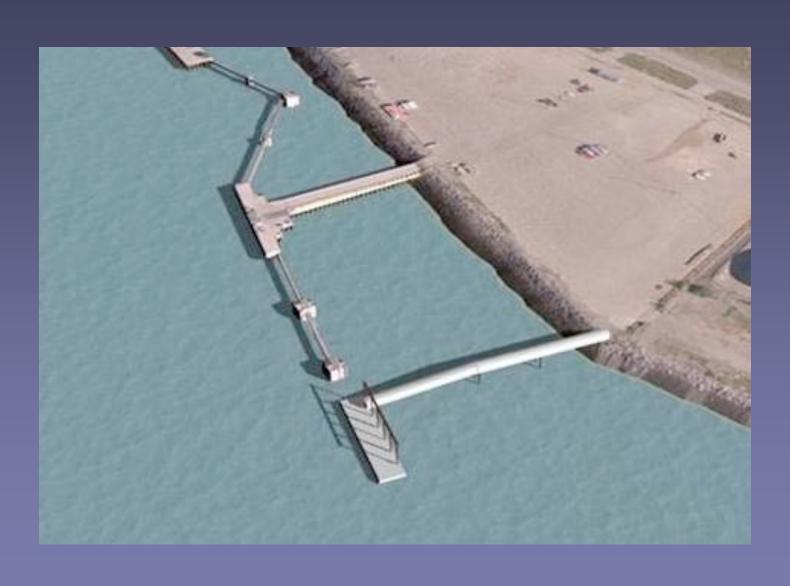
2005 TOFC Completion



2005 Floating Dock



2005 Floating Dock



2005 Low Sulfur Fuels



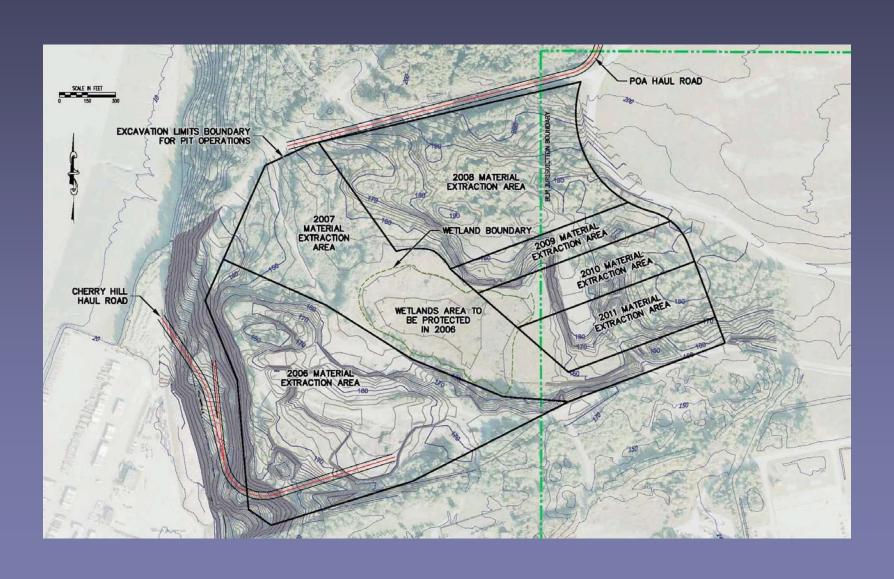
2005 Low Sulfur Fuels



2006 Cherry Hill Road



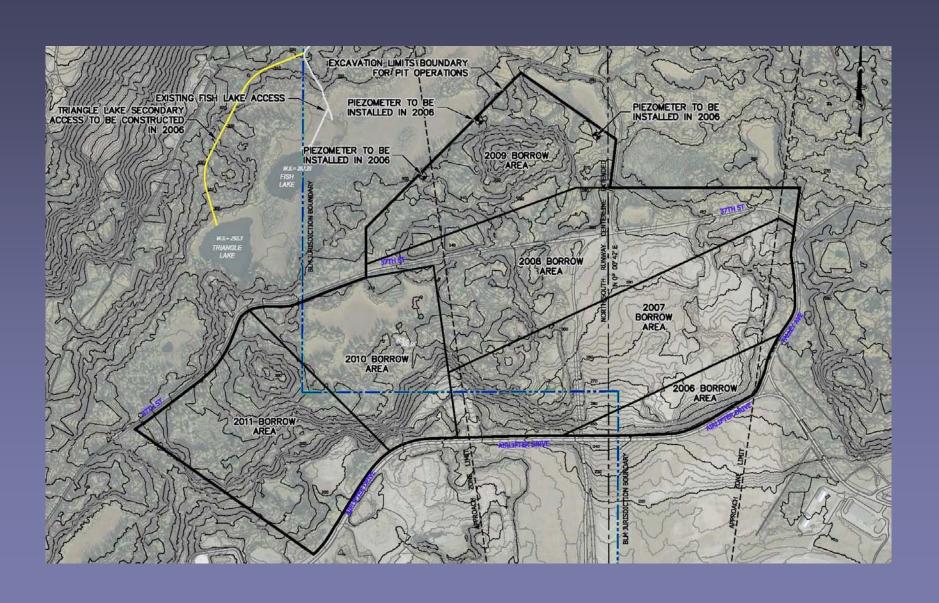
2006 Cherry Hill



2007 4 Mile Haul Road



2007 North Borrow Area



2006 North Backlands



2007 Barge Area & South Extension



2008 North Extension



2009 Surfacing



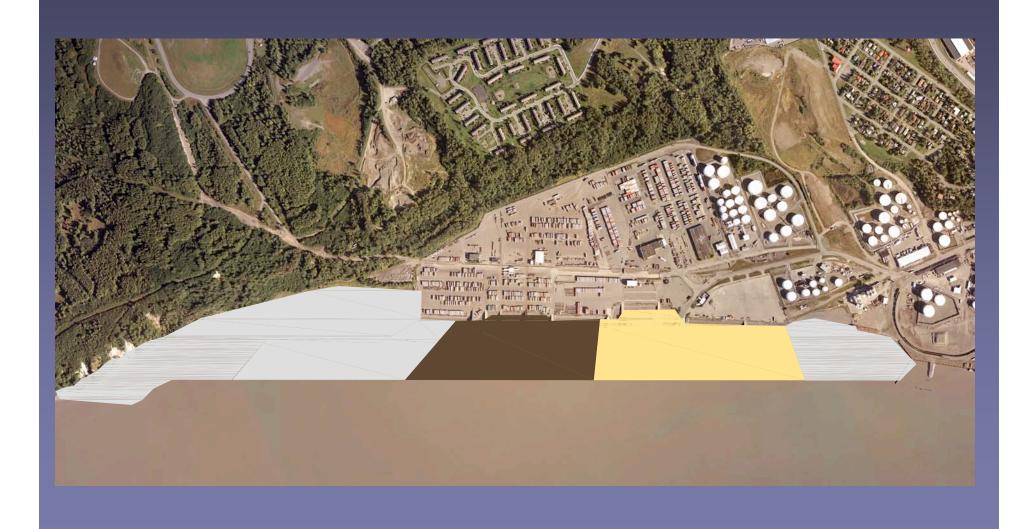
2009 Install Cranes & Move Container Ships



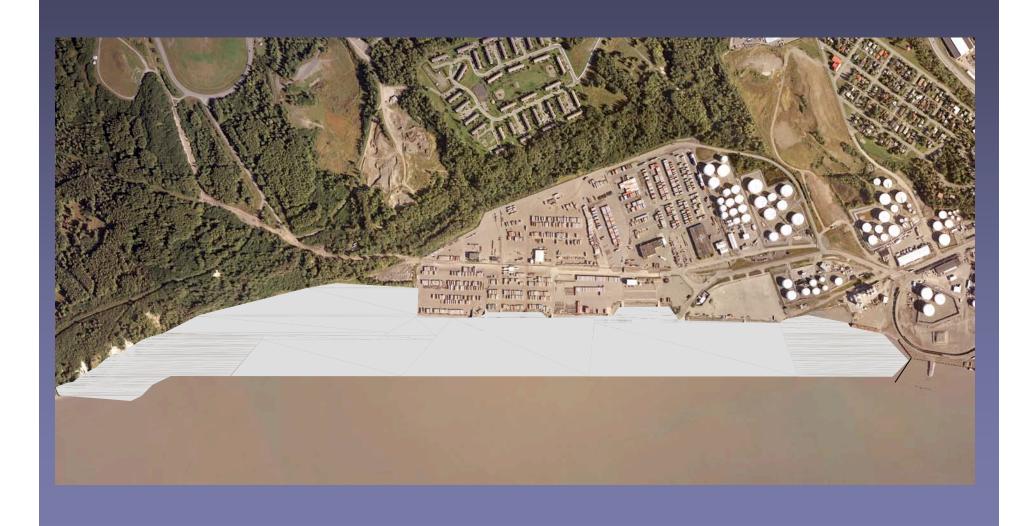
2010 North Replacement



2011 South Replacement

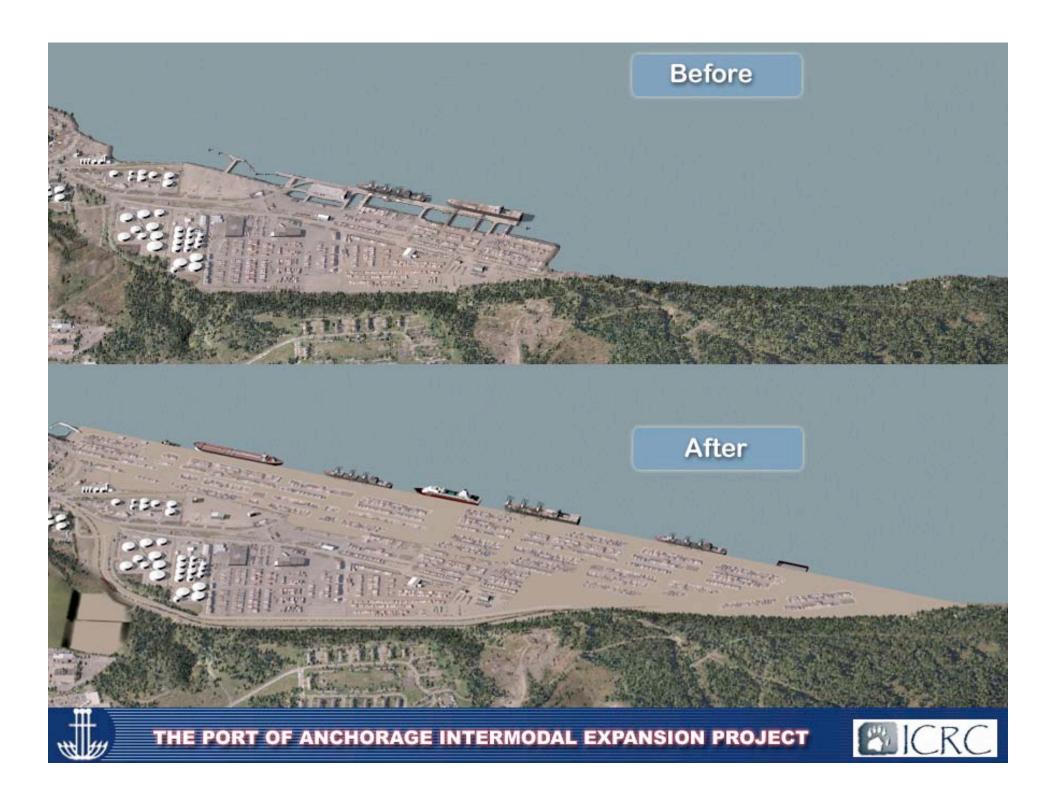


2012 Final Surfacing



Project Completion







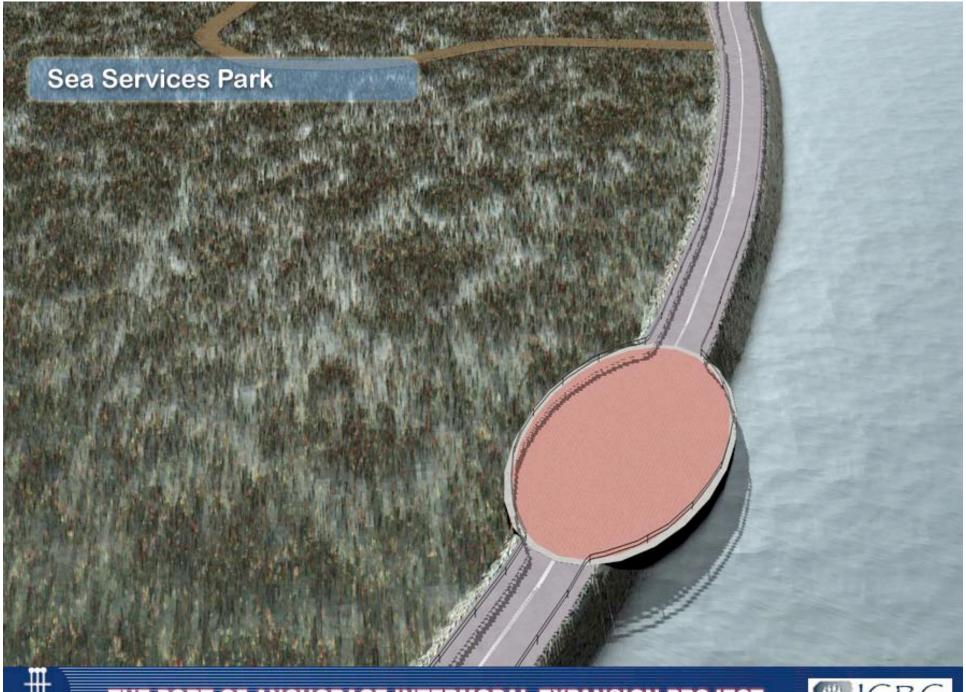








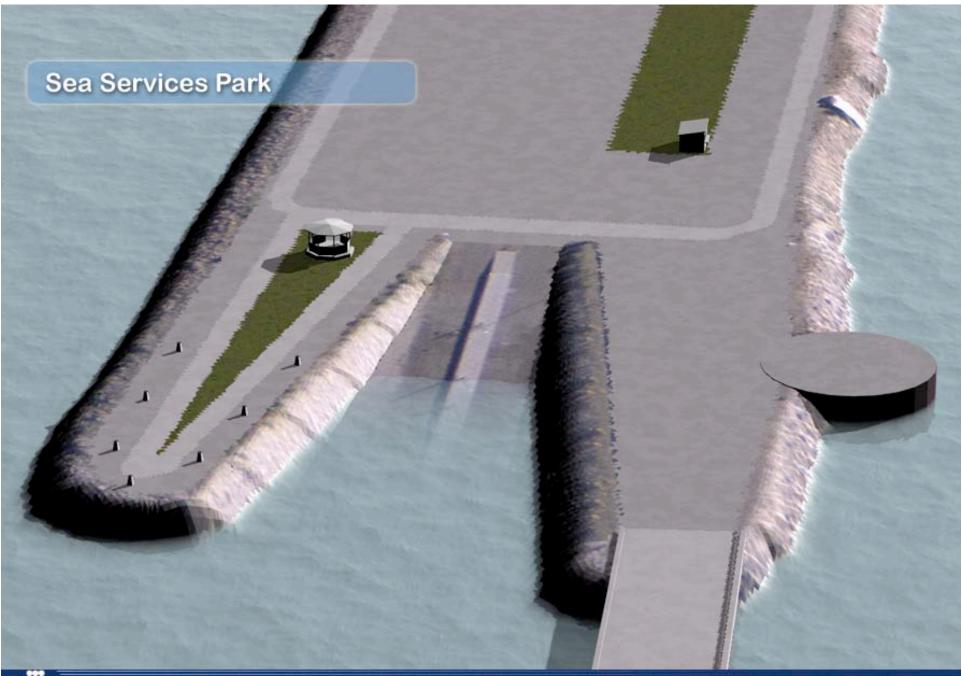


















THE PORT OF ANCHORAGE

The End

INTERMODAL EXPANSION PROJECT





