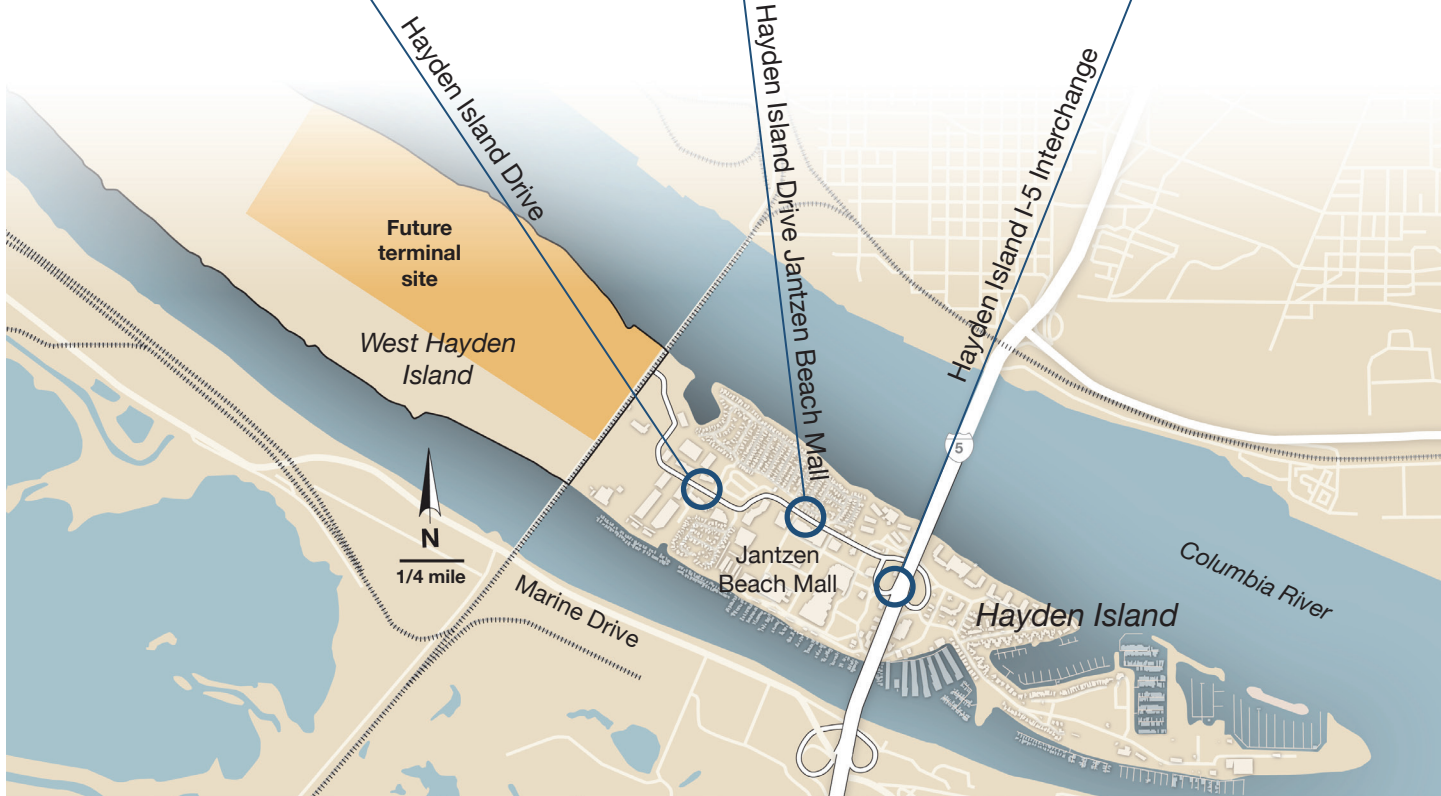
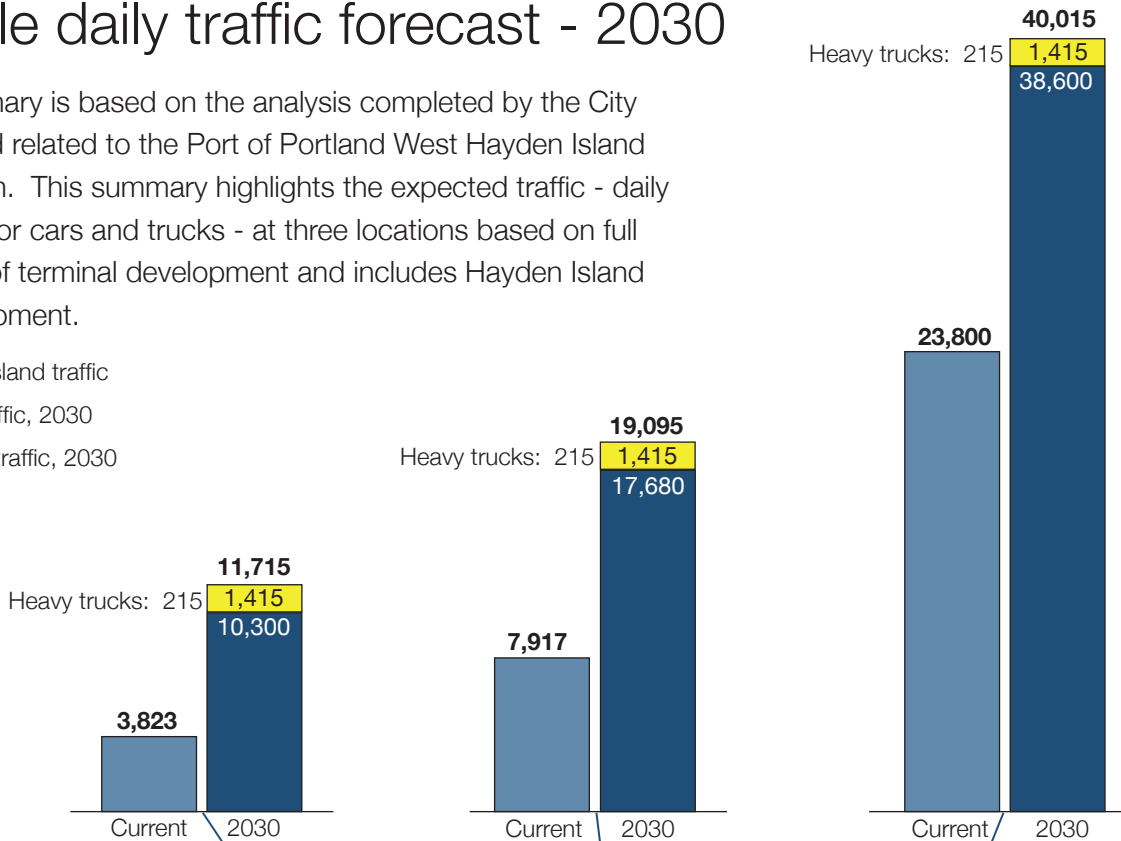


# West Hayden Island Development

## Vehicle daily traffic forecast - 2030

This summary is based on the analysis completed by the City of Portland related to the Port of Portland West Hayden Island Annexation. This summary highlights the expected traffic - daily averages for cars and trucks - at three locations based on full build-out of terminal development and includes Hayden Island full development.

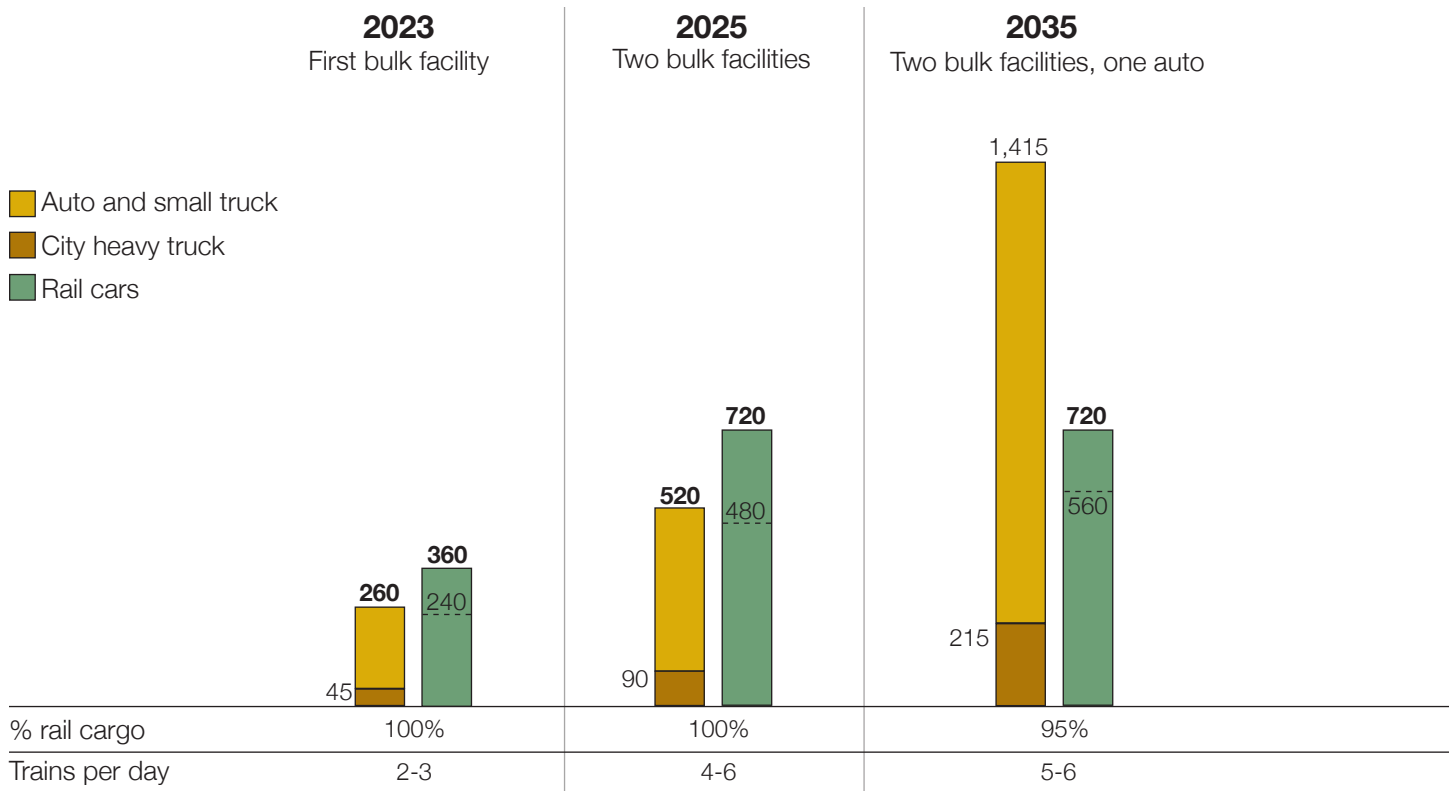
- Current island traffic
- Island traffic, 2030
- Terminal traffic, 2030



Sources: *West Hayden Island Supplemental Traffic Assessment, Port of Portland and DKS*, July 16, 2012; *West Hayden Island Transportation Modeling Analysis: Phase 1 - Planning Level Network Analysis*, Portland Bureau of Transportation, December 9, 2011; *West Hayden Island Traffic Analysis: Phase 2 - Intersection Operational Analysis*, Portland Bureau of Transportation, Feb. 14, 2012; *Transportation Analysis for Hayden Island Concept Plan*, David Evans and Associates, Inc., July 2008; 2008 24-hour Turn Movement Count at Marine Drive Interchange, Quality Counts; 2008 24-hour Volume Count at Marine Drive East of Force Avenue, Quality Counts.

# West Hayden Island Development

## Terminal vehicle traffic forecast over time



## Terminal vehicle traffic forecast comparison - 2030

	<b>West Hayden Island</b> 2 bulk, 1 auto	<b>T4</b> Auto, bulk, liquid bulk	<b>T5</b> 2 bulk, 1 industrial building	<b>T6</b> Container, 2 auto	<b>Combined</b> WHI, T4, T5, T6	<b>Rivergate</b> Terminals and all other on Marine Dr. west of I-5
Auto and small truck	1,200	1,286	621	1,202	3,109	28,118
City heavy truck	215	174	55	2,029	2,258	10,091
Total vehicles	1,415	1,460	676	3,231	5,367	38,209
% truck vehicles	15%	12%	8%	63%	42%	26%
% rail cargo	95%	95%	98%	5%	66%	N/A
Trains per day	5-6	1-2	4-5	1	11-14	80
Train cars	600-720	120-200	480-600	80	1,280-1,600	5,000-8,000

Sources: *West Hayden Island Supplemental Traffic Assessment, Port of Portland and DKS*, July 16, 2012; *West Hayden Island Transportation Modeling Analysis: Phase 1 - Planning Level Network Analysis*, Portland Bureau of Transportation, December 9, 2011; *West Hayden Island Traffic Analysis: Phase 2 - Intersection Operational Analysis*, Portland Bureau of Transportation, Feb. 14, 2012; *Transportation Analysis for Hayden Island Concept Plan*, David Evans and Associates, Inc., July 2008; 2008 24-hour Turn Movement Count at Marine Drive Interchange, Quality Counts; 2008 24-hour Volume Count at Marine Drive East of Force Avenue, Quality Counts.