



Port of Vancouver USA

# Washington Transportation Commission Regional Freight Transportation Issues

November 14, 2011



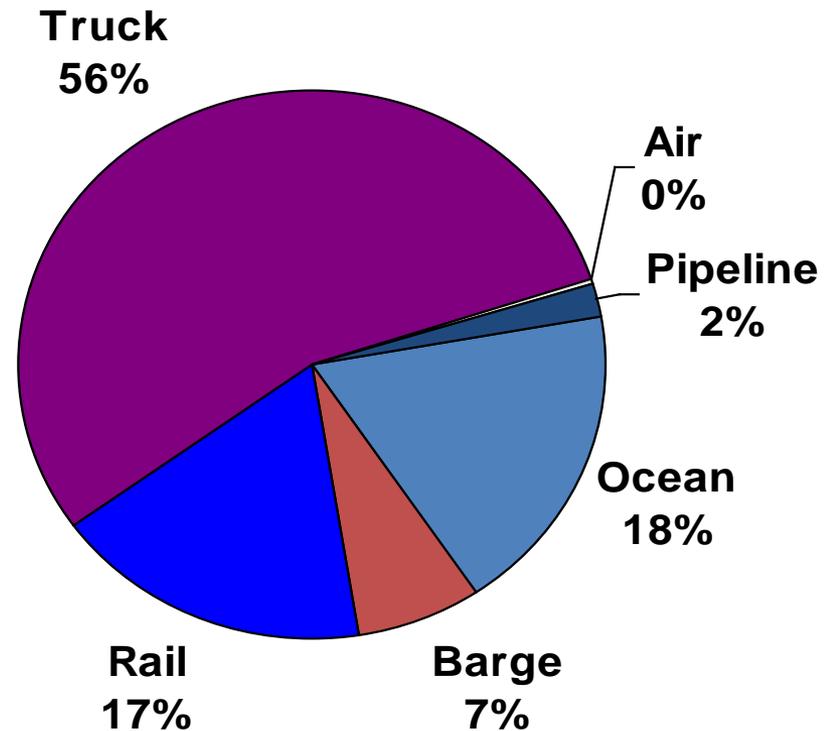
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- *800 acres of operating port*
- *600 acres of future development*



# SOUTHWEST WASHINGTON FREIGHT TRENDS

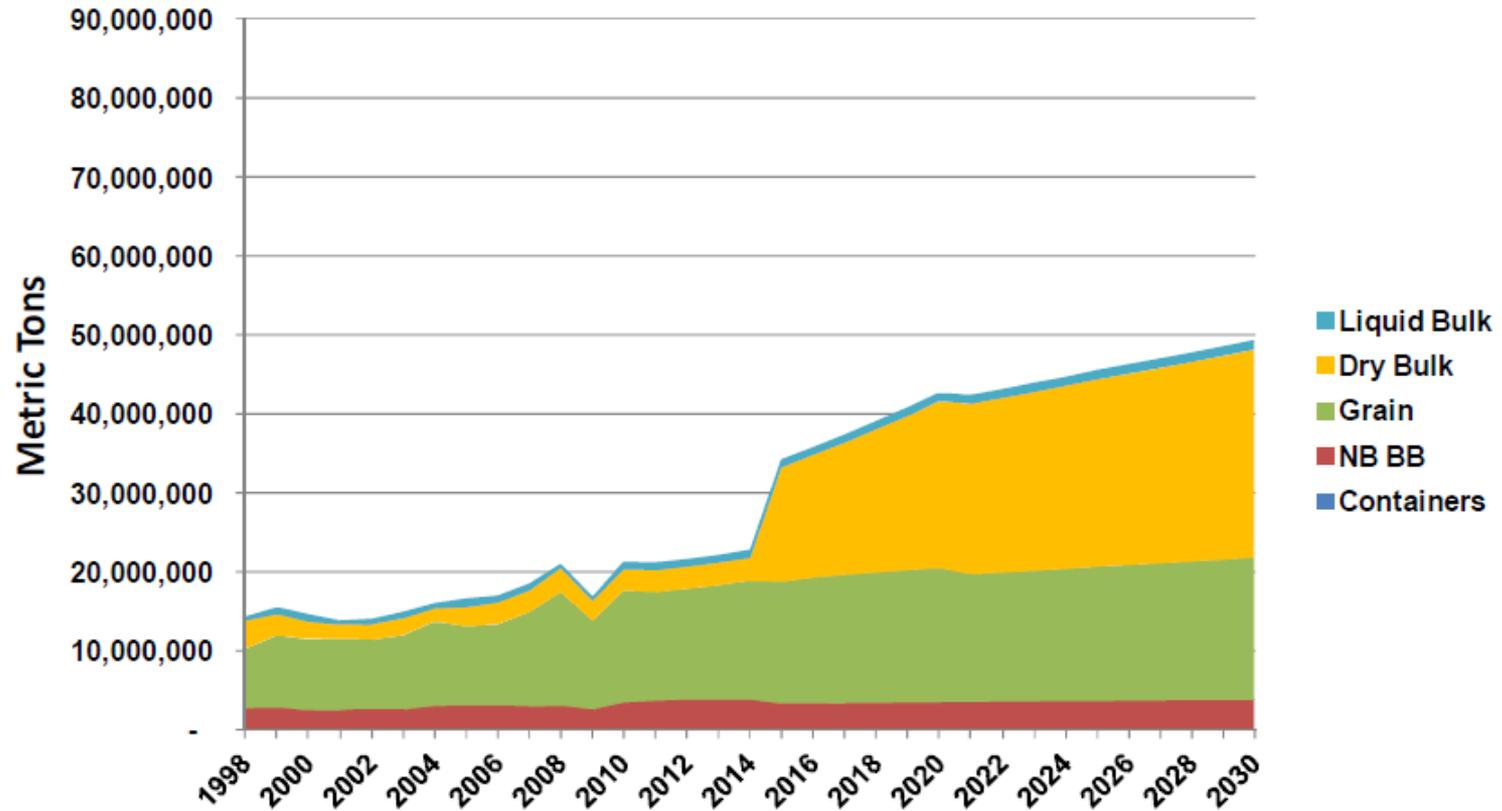
Share of Freight Originating  
and Terminating in Clark Co  
by Mode by Weight,  
2007 = 32.4 million tons



\* Clark County Freight Mobility Study



# SW WASHINGTON CARGO GROWTH LOWER COLUMBIA RIVER PORTS



Source: BST Associates



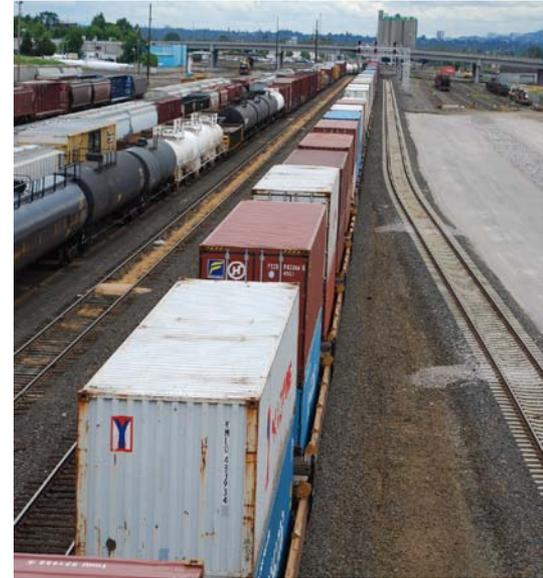
# CARGO GROWTH DRIVERS

- Bulks are growth cargos in SW Washington Columbia River ports
- Bulks have recovered from the recession due to international demand for food products, minerals and energy.
- Lower Columbia/Washington exports are projected to increase between 4.3 and 7 percent, annually.



# MOVING FREIGHT THROUGH THE REGION

- RIVER
- ROAD
- RAIL



Columbia River  
**CROSSING** Replacement Bridge Draft Concept  
with high capacity transit inside southbound bridge (stacked transit/highway bridge)



*Rendering is for discussion purposes only and is subject to change. Transit alignment could be used for bus rapid transit or light rail. -11/27/07*



# COLUMBIA/SNAKE RIVER NAVIGATION

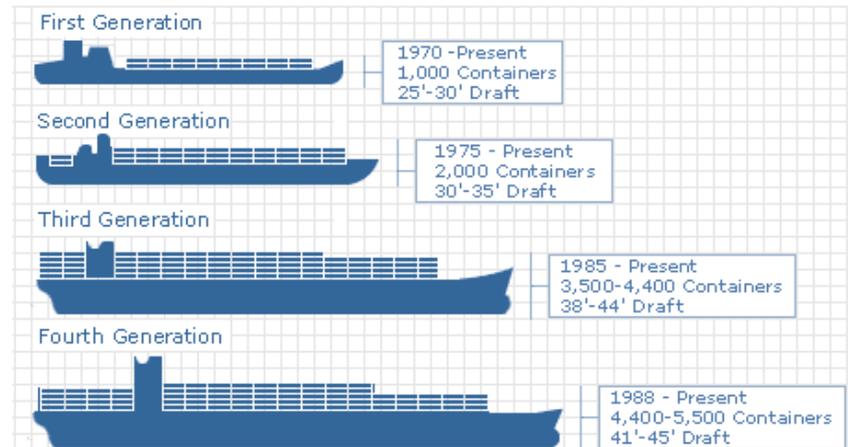
- 110-mile deep draft channel – now deepened from 40' to 43'
- 40 million tons of cargo
- 4 grain ports – the 3rd largest grain export gateway in the world



# COLUMBIA RIVER CHANNEL DEEPENING

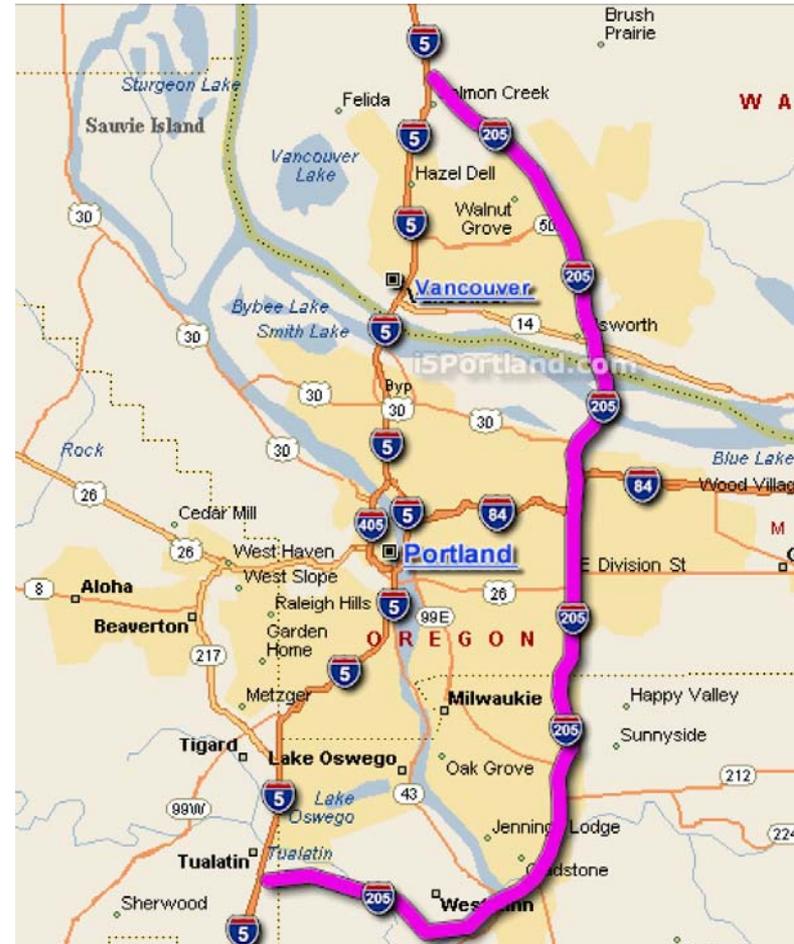


## The Evolution of Container Ships

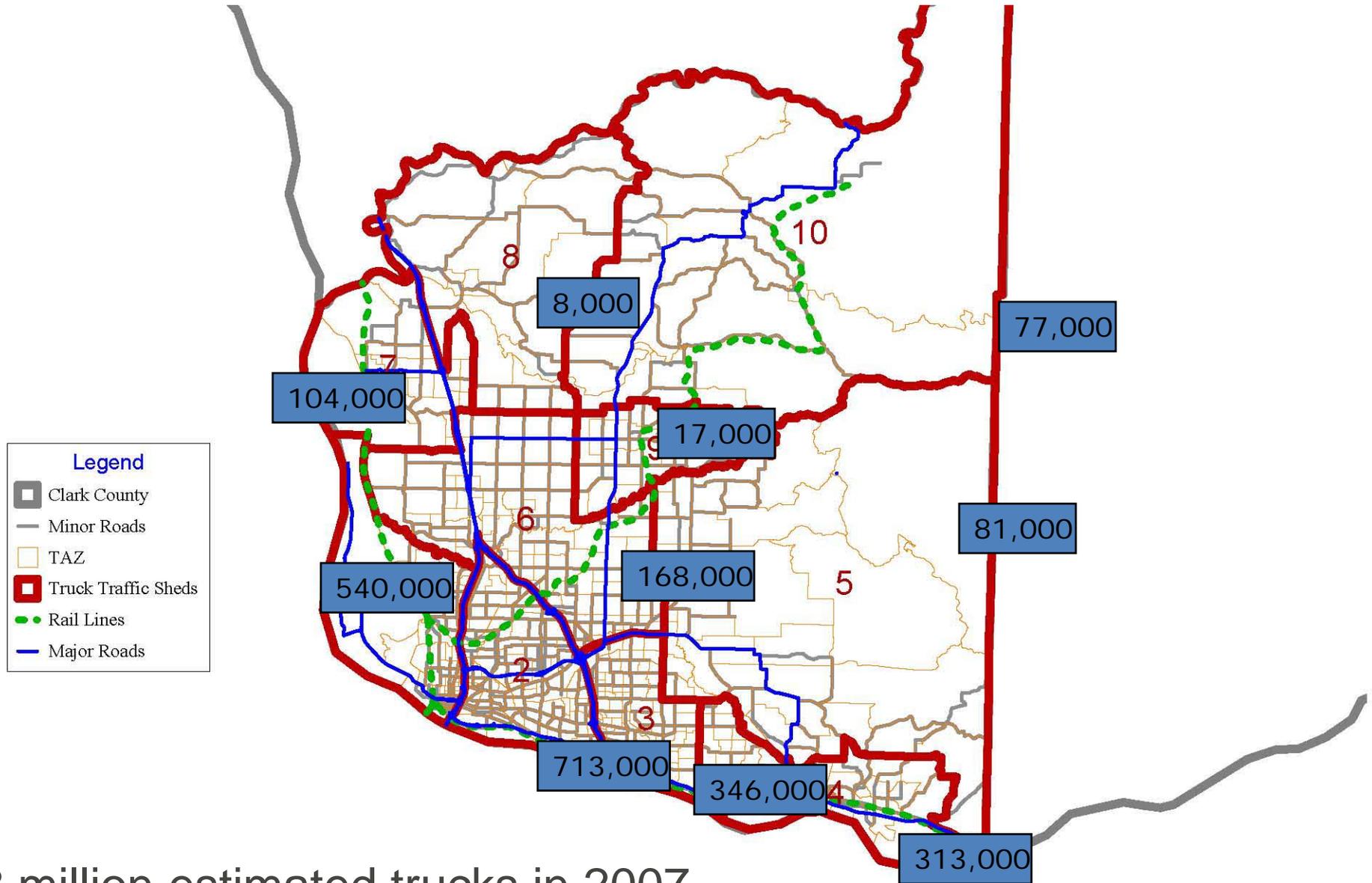


# REGIONAL FREIGHT CORRIDORS

- 22.5 million tons of freight crossed the I-5 bridge (2005)
- \$30.6 billion – value of freight crossing the Columbia River (2007)
- Freight volumes in the region are expected to double in the next 25 years
- More than 10,000 trucks move daily in the region



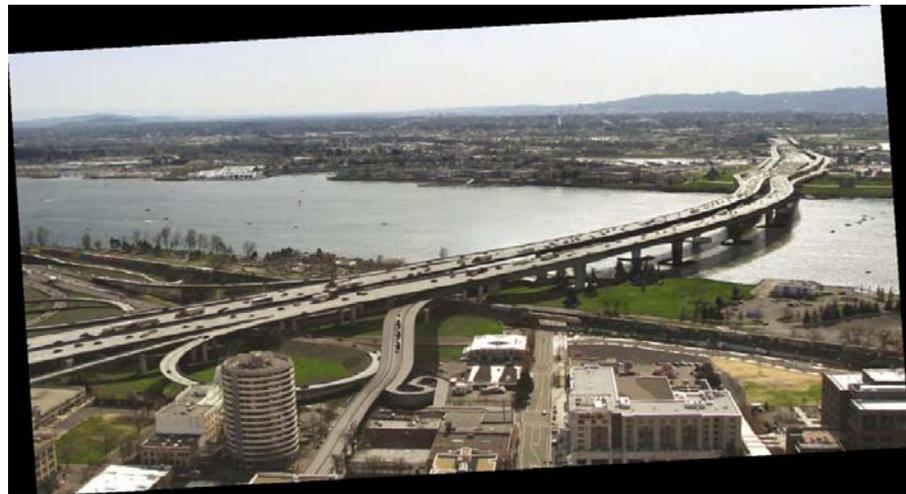
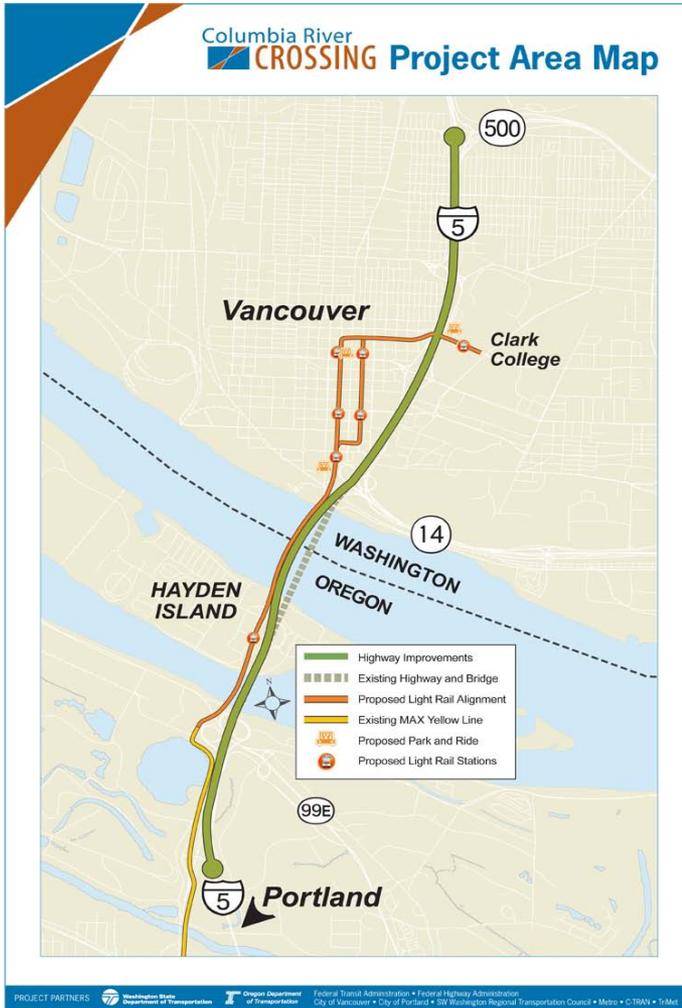
# TRUCK TRAFFIC SHEDS



3 million estimated trucks in 2007

\* Clark County Freight Mobility Study

# INTERSTATE IMPROVEMENTS



# FIRST & LAST MILE



# RAIL FREIGHT



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 BNSF  
 Union Pacific  
 Shared Lines

- Rail volumes have now reached pre-recession levels.
- Many SW Washington ports expecting significant rail growth due to demand for bulk exports
- Mainline congestion related to Columbia ports bulk trains will require investment and operational improvements.



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# WVFA Construction Projects

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The WVFA project consists of 20 separate projects as noted by numbering system above. Projects will not necessarily occur in numerical order.



# WEST VANCOUVER FREIGHT ACCESS PROJECT VIDEO



# WPPA RAIL IMPROVEMENT RECOMMENDATIONS



1. Vancouver WA Freight Rail Bypass.
2. Third main line Kalama to Kelso (WSDOT Mid-Term Passenger Plan Option 3).
3. Port of Vancouver USA Freight Access Project.
4. Peninsula Junction to North Portland Junction.
5. Unit Train Staging/Storage Yard near Woodland.
6. Vancouver to Kelso - WSDOT Passenger Plan Option 4.



# WSDOT & WTC SUPPORT

- Support rail project construction
- Construct the Columbia River Crossing
- Protect first/last mile freight routes
- Priority for projects supporting statewide economic initiatives



# DELIVERING POSSIBILITIES

Comments & Questions?

