







Columbia River

Environmental Justice Update
Task Force
May 17, 2006





Columbia River

April 26 Meeting Summary
Task Force
May 17, 2006



Columbia River

Initial Public Comment Period
Task Force
May 17, 2006




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Component Selection for Further Study
 Task Force
 April 26, 2006



Component Selection for Further Study

Agenda

- Focus: Complete Task Force decision on Step A component screening recommendations tonight
- River crossing
 - components recommended not to advance
 - components recommended to advance
- Transit
 - components recommended to advance
 - components recommended not to advance

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Component Selection for Further Study


Step A Pass/Fail Questions

Does the component:

- Q1- Increase vehicular capacity or decrease vehicular demand within the Bridge Influence Area (BIA)?
- Q2- Improve transit performance within the BIA?
- Q3- Improve freight mobility within the BIA?
- Q4- Improve safety and decrease vulnerability to incidents within the BIA?
- Q5- Improve bicycle and pedestrian mobility within the BIA?
- Q6- Reduce seismic risk of the I-5 Columbia River Crossing?

Source: I-5 CRC Problem Definition

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River Crossing Components

- 23 river crossing components
- Task Force Action in April: Eliminate 8 components, pass RC-23.
- Of the remaining 14, staff recommend to drop 6 from further evaluation

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River Crossings

River Crossing Components Not Recommended to Advance

- ✓ Arterial crossings that are not consistent with problem definition (RC-14, RC-15, RC-19, RC-21, RC-22)
- ✓ Components proposing to invest in highway corridors other than I-5 (RC-16, RC-17, RC-18)
- Mid to High Level I-5 Bridges that encroach into airport airspace (RC-5, RC-6, RC-10, RC-11, RC-12)
- Replacement tunnel that bypasses the I-5 Bridge Influence Area (RC-20)

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River Crossings

Other River Crossing Components Recommended to Not Advance

- RC-5: Replacement Bridge Downstream/high level
- RC-6: Replacement Bridge Upstream/high level
- RC-10: Supplemental Bridge Upstream/mid-level
- RC-11: Supplemental Bridge Downstream/high level
- RC-12: Supplemental Bridge Upstream/high level
- RC-20: Replacement Tunnel


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Transit

Transit Components Not Recommended to Advance

- Transit modes with **operational characteristics** that make them infeasible to effectively serve most I-5 transit markets and attract significant I-5-oriented ridership
 - TR-7: High Speed Rail
 - TR-8: Ferry Service
 - TR-10: Magnetic Levitation (MagLev) train
 - TR-13: Personal Rapid Transit (PRT)
- Transit modes requiring **exclusive right-of-way** or other infrastructure that makes **system integration** with existing regional transit system infeasible
 - TR-9: Monorail System
 - TR-11: Commuter Rail in BNSF Trackage
 - TR-12: Heavy Rail
 - TR-14: People Mover/Automated Guideway Transit (AGT)


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Transit




Summary of Transit Recommendations

COMPONENTS		COMPONENT SCREENING RESULTS						
ID	NAME	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Overall
TR-1	Express Bus in General Purpose (GP) lanes	P	P	NA	U	NA	NA	P
TR-2	Express Bus in Managed Lanes	P	P	NA	U	NA	NA	P
TR-3	Bus Rapid Transit (BRT)-Lite	P	P	NA	U	NA	NA	P
TR-4	Bus Rapid Transit (BRT)-Full	P	P	NA	U	NA	NA	P
TR-5	Light Rail Transit (LRT)	P	P	NA	U	NA	NA	P
TR-6	Streetcar	P	P	NA	U	NA	NA	P
TR-7	High Speed Rail	F	F	NA	U	NA	NA	F
TR-8	Ferry Service	F	F	NA	U	NA	NA	F
TR-9	Monorail System	P	F	NA	U	NA	NA	F
TR-10	Magnetic Levitation Railway	F	F	NA	U	NA	NA	F
TR-11	Commuter Rail in BNSF Trackage	P	F	NA	U	NA	NA	F
TR-12	Heavy Rail	P	F	NA	U	NA	NA	F
TR-13	Personal Rapid Transit	F	F	NA	U	NA	NA	F
TR-14	People Mover/Automated Guideway Transit (AGT)	P	F	NA	U	NA	NA	F

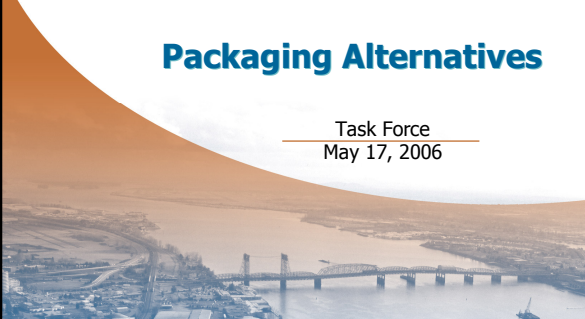
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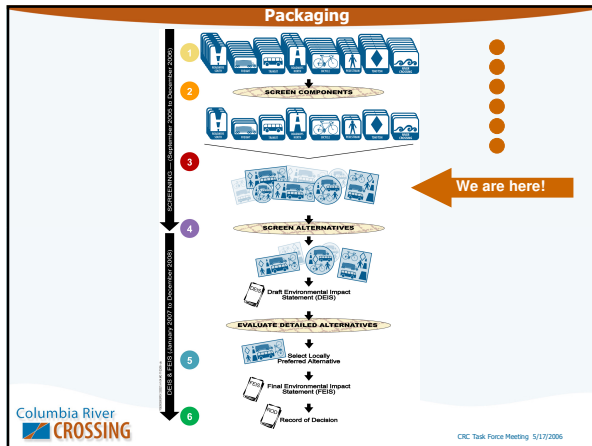
P = Pass F = Fail NA = Not Applicable U = Unknown



Packaging Alternatives

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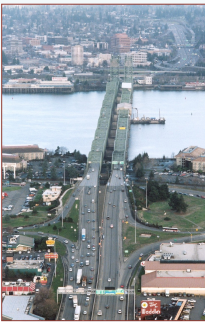




Packaging

Packaging Goals

- Identify promising combinations of highway and transit improvements
- Shed light on the major decisions, such as:
 - Transit mode (narrow to one or two modes for DEIS)
 - Supplemental or replacement bridge
 - Arterial lanes
 - Managed lanes
- Narrow the range of alternatives to be evaluated
- Shape the alternatives to be considered in the DEIS




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Packaging

Draft Packaging Principles

- Consider all components that pass Step A
- Alternatives should be organized by theme – what is (are) the key feature(s)?
- Alternatives should represent a full range of potential transportation solutions (within the limits of the components that have passed Step A)
- Package complementary components together



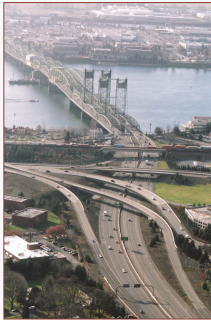
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Packaging

Packaging Principles (cont.)

- Use alternatives to identify strengths and weaknesses of individual components.
- High-performing components may be re-packaged with other alternatives for the DEIS.



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Packaging

Packaging Next Steps

- Consolidate comments to:
 - Revise packaging principles
 - Incorporate concerns where appropriate
- Report back next month with draft alternatives

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Second Public Comment Period

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