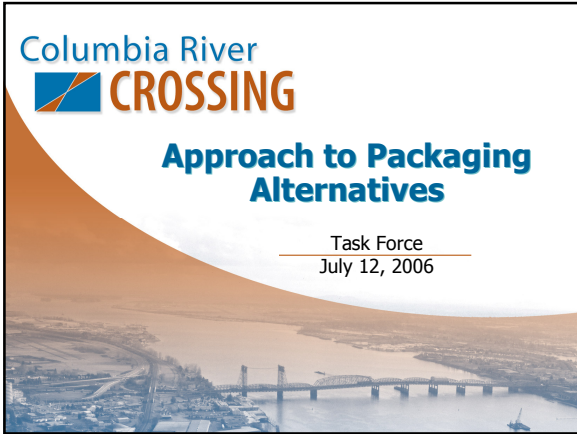


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Approach to Packaging Alternatives

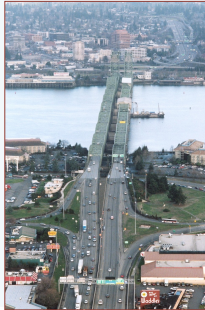
Task Force
July 12, 2006



Alt. Packaging Recap

Why alternative Packages?

- Identify promising combinations of highway and transit improvements
- Understand how components perform together within BIA
- Inform major decisions, such as:
 - Transit mode (narrow to one or two modes for DEIS)
 - Supplemental or replacement bridge
 - Arterial lanes
 - Managed lanes
- Further narrow and shape the range of alternatives to be considered in the DEIS



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Alt. Packaging Recap

Understanding the Pieces of the Packaging Puzzle

- A. Bridge options to cross the river
- B. Alternative packaging themes expressed by Task Force
- C. High capacity transit mode(s) across river
- D. Function of existing and new bridges
- E. Location and use of I-5 managed lanes
- F. Arterial crossing options
- G. Other components (bike, ped, freight, roadways, TDM/TSM)

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F. Arterial Crossing Options

- Interest exists in exploring arterial connections between Vancouver and Portland;
 - Removes some short-distance trips from I-5
 - Arterial extending south of Hayden Island allows potential removal of the I-5 interchange at Hayden Island.
- Arterial crossing options exist only when a supplemental bridge is provided (alternatives #3 through #7);
- Project staff believes I-5 traffic should be carried on a new supplemental or replacement bridge wherever provided.
 - So, arterial function provided by existing I-5 bridges only as shown in alternatives #4 - #7.

G. Other components (bike, ped, freight, roadways, TDM/TSM)

- Alternatives are primarily formed with consideration to linking river crossing and transit components.
- Other components are predicated on the river crossing/transit combination and chosen to be complimentary to the different alternatives.

4. Recommended Alternative Packages

- Project team believes these 12 alternative packages allow appropriate and sufficient performance testing of the components.

5. Evaluating Alternative Packages

- Alternative packages to undergo the following study during summer 2006:
 - Travel demand forecast modeling;
 - Conceptual design refinement;
 - Staff evaluation among design, traffic, transit, and environmental teams using adopted screening criteria
 - For criteria previously deferred to the packaging step, performance measures will be developed. Other previously qualitative measures will become as quantitative as possible.
 - Staff will begin to report study results in fall 2006.

6. What follows Alternative Packaging

- Selection of range of alternatives
- New round of modeling and evaluation during EIS
- Task Force opportunities during summer 2006 to participate in review/comment of roadway and transit designs being presented to the public

Task Force Comments on Alternative Packages

- From the June 14, 2006 meeting, the project team heard the following comments:
 - I-5 CRC alternatives need to be consistent with findings from the Delta Park EA (e.g., three lanes per direction south of Columbia Blvd.);
 - There needs to be a future opportunity to apply what we learn from studying alternative packages and re-mix them into optimally performing alternatives prior to the EIS;
 - Replacement bridge components need to retain the flexibility to provide arterial function in addition to highway function;
 - BRT-Full needs to retain flexibility to integrate with potential future LRT in Clark County

Q&A

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Full Matrix- zoomable pdf

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Next Steps

Task Force
June 14, 2006

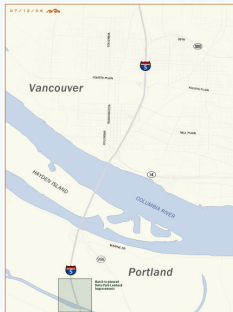
Upcoming Task Force Meetings

- July: Recommendations on Packaging
- August/September: Introduce Package Design Concepts
- October/November/December: Review evaluation results; adopt recommendations for DEIS alternatives

Alternative Package graphics

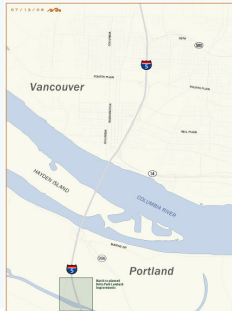
Task Force
July 12, 2006





Transportation System Management/
Transportation Demand Management Focus

PAGE 5



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Supplemental Bridge for Arterial Traffic with Light Rail

PAGE 7



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Supplemental Bridge for I-5; Light Rail on Existing Bridge

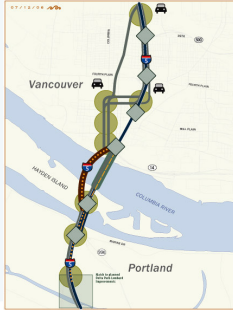
PAGE 9



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Supplemental Bridge for I-5; Bus Rapid Transit on Existing Bridge
PAGE 11



Supplemental Bridge for I-5; Bus Rapid Transit Lite on Existing Bridge
PAGE 13

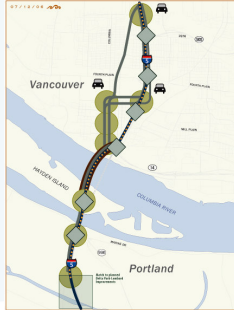


Supplemental Bridge for I-5 and Express Bus
PAGE 15



Replacement Bridge for I-5 with Light Rail and Express Bus

PAGE 17

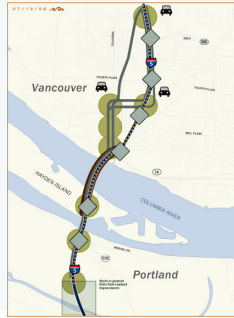


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Replacement Bridge for I-5 with Light Rail

PAGE 19

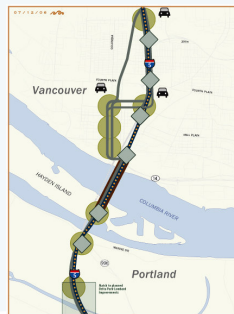


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Replacement Bridge for I-5 with Bus Rapid Transit

PAGE 21



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Replacement Bridge for I-5 with Bus Rapid Transit Lite

PAGE 23

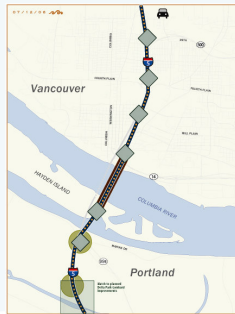


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Replacement Bridge for I-5 with Express Bus

PAGE 25



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