Willamette River Bridge Study
Working Meeting No. 5
October 7, 2008

Agenda

9:00 – 9:10 am 1. Welcome and Introductions
9:15 – 9:45 am 3. Update on Additional Horizontal Navigational Clearance Review
   a. Third party review
   b. US Coast Guard’s Bridge Administrator
   c. 3D Simulation and next steps
9:45 – 10:15 am 4. Span Optimization
   a. Presentation of refined bridge alternatives with optimized spans
   b. Consultant team next steps
10:00 – 10:15 am 5. Break
   a. Cost
      • Initial cost
      • Cost escalation risk
      • Constructability – schedule risk
      • Lifecycle cost – maintenance
   b. Aesthetic
      • Portland core values and traditions – symbolism
      • Looking at the bridge – proportion and scale
      • Being near the bridge – experience on the greenway, walkways and river
      • Compatibility with existing context, fabric, and adjacent bridges
      • Reflection of current technology and innovation
      • Views of Portland – static viewpoints
   c. Performance
      • Number, location and size of piers (environmental and greenway)
      • Seismic performance
      • Modal optimization of section
      • Navigational performance – width
      • Navigational performance – vertical
      • Transit performance – bridge deflection/sway/vibration
Noon – 1:00 pm 7. Lunch
1:00 – 2:30 pm 8. Work Session to Generate Screening Criteria – “Some” to “Few” – Supplemental Criteria
   a. Environmental – Greenway - Sustainability
      • Depth of span over greenway?
      • Other?
   b. Bridge Operations
      • Line of sight between modes?
      • OCS integration – complexity?
      • Other?
   c. Miscellaneous
      • Utility duct bank integration?
2:30 – 2:45 pm 9. Break
2:45 – 3:30 pm 10. Work Session to Generate Screening Criteria – “Some” to “Few” – Supplemental Criteria
   a. Finalize list of screening criteria for recommendation to WRBAC
   a. Status of horizontal navigational clearance review
   b. Update on span refinements
   c. Next steps for engineering evaluation (next level cost estimating – quantity vs. square foot)
   d. Proposed screening criteria for winnowing list from “some” to “few”
4:30 – 5:00 pm 12. Next Steps – Homework
   a. Share results with stakeholders - prepare for ranking “some” to “few” at next meeting
   b. Working meeting No. 6 at TriMet, October 28, 2008 from 9:00 am to 5:00 pm