Citizen Advisory Committee
Willamette River Bridge

Bridge Type
⇒ Cost
  ► Hybrid Refined..........................................................(3% over budget)  $139M
  ► Cable Stayed Refined..................................................(18% under budget)  $110M

⇒ WRBAC Recommendation
  ► Majority support for cable stayed refined
  ► Minority support for hybrid refined

Vertical Clearance
⇒ Climate Change
  ► Final climate change research complete - reviewed by legal
  ► Finding
    • 1.9' to 3.5' increase in river elevation due to flow by 2099
    • Increases occur mainly during winter months
    • Does not consider possible flow management mitigation – dams
  ► Action
    • Passage analysis updated with “safety factor–climate change” allowance of 3.5'
  ► Next steps
    • Forward research to FTA
    • Request FTA forward to US Army Corps and US Coast Guard

⇒ Stakeholder Outreach
  ► May 27, 2009 letter from Lower Columbia Region Harbor Safety Committee
    • “Presentation justifies the proposed bridge height”
    • “Does not adequately address future navigational uses”
  ► Action
    • Legal research performed to determine what has been done in the past to forecast future navigational issues
    • Working to engage the Port of Portland and US Coast Guard on this item

Supplemental Path Width
⇒ Path width can be increased to 14’ without changing current cost effective structural system
⇒ Approximate cost in YOE $3.255 M
⇒ Full analysis of all loading conditions (e.g. dynamic wind and LRT vehicle effects) needed
⇒ Stakeholder outreach
  ► Supported by TriMet and COP, CAC, PAC, BAC, BTA, and WRBAC
⇒ Next steps
  ► Program space for efficient use by various modes
  ► Provide flexibility for peak use by single modes during special events and maintenance