



Citizen Advisory Committee Preliminary Engineering and Risk Assessment Report

January 15, 2009

Preliminary Engineering approval process

1. Preliminary Engineering (PE) application submitted on July 31, 2008
2. Project Management Oversight Committee (PMOC) coordination
 - a. Technical capacity and capability review
 - b. LPA review of project scope, budget and schedule
 - c. Greater in-depth review of scope, budget and schedule
 - d. Risk Mitigation Report – due Jan 9th
 - e. PE Readiness Report due Jan 16th
3. New Starts
 - a. Land use reviews completed
 - b. Financial report draft being reviewed
 - c. Operating and Maintenance cost meets standard
 - d. Cost effectiveness – being reviewed by Jim Ryan
 - e. New Starts rankings will be published in early February
 - f. PE approval letter will not be issued at least until the President's budget and New Starts ranking released – Normally expected on the first Tuesday of February, but could be delayed due to new administration.
 - g. Likely PE approval in February 2009

Risk assessment process

1. Portland-Milwaukie – “mega” project = greater than \$1 billion
 - a. TriMet secured consultant expert on risk assessment to assist
 - b. Two day workshop on Dec 2-4 with FTA, PMOC and TriMet staff
2. Based on uncertainties identified by PMOC – compared to results of other FTA projects
 - a. Schedule
 - b. Railroads
 - c. Geo-technical
 - d. Willamette River Bridge
 - e. Permitting/in-water work
 - f. Budget/inflation
 - g. Contingency
3. Risk mitigation measures/PE deliverables identified by TriMet and PMOC
Examples include:
 - o Union Pacific Railroad – Signed term sheet
 - o Geo technical – Geo technical report
 - o Revised schedule with additional float
 - o Bridge uncertainties – Bridge type selection
 - a. Timing for completion of these measures will be identified
 - b. Non-compliance would delay entry into Final Design and impact schedule and costs
 - c. Report draft to FTA on Dec 15th
 - d. PMOC delivering risk mitigation report to FTA on Jan 9, 2009
 - e. Repeat risk assessment prior to Final Design entry