

DECISION _

Delta – Lombard Widening ...

Summary of Results:

Traffic

- Reduces the duration of congestion along southbound I-5 through the segment from ___ hours to ___ hours during the morning commute.
- Improves traffic flow along southbound I-5, i.e., level-of-service improves from “E” to “D”.
- Retains freeway traffic on the freeway, e.g., reduces traffic diversion to Interstate Avenue (off-ramp volume decreases by about 500 vehicles per hour), decreasing neighborhood cut-through volumes.
- If third lane used as an HOV lane during morning commute, reduces HOV travel times from Salmon Creek to downtown Portland by over two minutes.
- Provision of standard freeway shoulders, in both the southbound and northbound directions, would improve safety and the ability to respond to incidents.
- Reconfigured southbound on-ramp merge from Columbia Boulevard operates acceptably:
 - Existing ramp has a rising grade of six percent and enables heavy trucks to attain speed of 25 mph when entering added freeway lane.
 - Proposed ramp would have a four percent grade with a longer acceleration lane parallel to the new third freeway lane. Ramp would enable trucks to attain a speed of 45 mph within acceleration lane before entering freeway.

Environmental and Land Use

Construction Cost (2001 \$): \$xxxxxxx