

SCREENING MEASURES AND RESULTS - MOBILITY



| | | 8-Lane C/D Reasonable Alternative | 8-Lane GP Reasonable Alternative | 10-Lane C/D Reasonable Alternative |
|--|---|---|--|---|
| | | 3 main lanes + 1 C/D lane widening (each direction) | 3 main lanes + 1 main lane widening (each direction) | 3 main lanes + 2 C/D lane widening (each direction) |
| Goals | Measures | | | |
| Enhance Mobility | Mobility in PEL Study Area (LOS E or F) (miles / minutes during PM peak) | 5.85 miles / 120 minutes | 3.21 miles / 120 minutes | 0 miles / 0 minutes |
| | Mobility in PEL Study Area (LOS F) (miles / minutes during PM peak) | 5.31 miles / 120 minutes | 3.21 miles / 120 minutes | 0 miles / 0 minutes |
| | Total travel time through corridor (minutes) (AM south / PM north) | 15 / 22 minutes | 11 / 25 minutes | 6 / 6 minutes |
| | Average peak hour travel speed through corridor (mph) (AM south / PM north) | 24 / 15 mph | 33 / 13 mph | 59 / 59 mph |
| Access to Downtown | Mobility of key intersections within PEL Study Area (number of intersections at LOS E/F) | 13 E / 10 F intersections | 14 E / 13 F intersections | 5 E / 3 F intersections |
| | Travel time to key destinations in PEL Study Area (minutes) AM - McCain to Capitol PM - Capitol to McCain | 23 / 24 minutes | 16 / 26 minutes | 8 / 8 minutes |
| East-West Connectivity | Locations allowing for local street connectivity | | + | |
| | Designs that allow for open spaces across I-30 | | + | |
| Connect Bicycle / Pedestrian Friendly Facilities | Grade separated bike / pedestrian accommodations across I-30 (east-west connectivity) | | + | |
| Accommodate Existing Transit and Future Transit | Transit ridership in the PEL Study Area | ++ | ++ | + |
| Minimize Roadway Disruptions | Severity of I-30 lane closures, detours during construction | | - | |
| Minimize River Disruptions | Severity of river closures during construction | | - | |
| | Location of navigational impediments (bridge piers) | | ++ | |
| Opportunity for Economic Development | Access to existing / potential business sites within the PEL Study Area | - | - | + |
| Commitment to Voters | Mobility on I-30 main lanes (qualitative) | - | - | + |