



Mobility. Environment. Community. Economy. Technology

I-710 Corridor Project EIR/EIS

metro.net

Alternatives Screening Methodology

Presented to
I-710 Corridor Advisory Committee
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M Metro

GT Gateway Cities

5 Gateway Cities

LA The Port of Long Beach

LA The Port of Los Angeles

LA The Port of Los Angeles

Purpose of Alternatives Screening

To identify the alternatives to be
analyzed in detail in the EIR/EIS

Initial Set of EIR/EIS Alternatives

- Alternative 1: No Build
- Alternative 2: Transportation Systems Management/ Transportation Demand Management (TSM/TDM)/Transit (Includes Alt. 1)
- Alternative 3: Enhanced Goods Movement by Rail and/or Advanced Technology (Includes Alts. 1, 2)
- Alternative 4: Arterial & I-710 Congestion Relief Improvements (Includes Alts. 1, 2)
- Alternative 5: Ten Lane Facility (Includes Alts. 1, 2 & 4)
 - 5A: 10 General Purpose Lanes
 - 5B: 8 General Purpose + 2 HOV Lanes
- Alternative 6: Alternative 5 with Addition of Freight Movement Corridor (Includes Alts. 1, 2, 4, & 5)



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Screening Analysis

- Will focus on addressing 10 key goals
- Both qualitative and quantitative screening measures to:
 - Highlight major differences among alternatives
 - Weigh relative benefits, costs and impacts
 - Determine varying levels of performance



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Screening Goals

- Improve air quality and public health
- Improve traffic safety
- Minimize design deficiencies
- Address projected traffic volumes
- Address projected corridor growth



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Screening Goals (Continued)

- Minimize Right of Way Impacts
- Minimize Section 4(f) Impacts
- Reduce Energy Consumption
- Ensure Environmental Justice
- Promote Cost Effectiveness



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Screening Process

- Sketch level of analysis
- Traffic forecasting screenline tool
- Quantitative and qualitative measures
- Results summarized in a screening matrix