



Project Development and Environment (PD&E) Study to Widen Western Beltway (SR 429)

from North of Interstate 4 to Seidel Road

Financial Project Identification Number: 446164-1-22-01 | Efficient Transportation Decision Making (ETDM) Number: 14446



Evaluation Matrix

Evaluation Criteria	No-Build	Preferred Alternative
Purpose and Need		
Meets Purpose and Need	✗	✓
Meets Future Traffic Operation Needs	✗	✓
Traffic Operation Issues	High	Low
Safety / Vehicle Conflicts	High	Low
Social and Economic		
Right of Way Required (acres)	0.0	16.0
Number of Parcels Impacted	0	29
Number of Businesses Impacted	0	0
Number of Business Relocations	0	0
Number of Residential Relocations	0	0
Natural Resources		
Wetland Impacts (acres)	0	5.2
Floodplain Impacts (acres)	0	21.6
Conservation Easement Impacts (acres)	0	1.9
Adverse Effects to Federal Species	No	Low
Adverse Effects to State Species	No	Low
Physical Resources		
Existing Utilities Impacted	No	Low
Construction Complexity	No	Low
Traffic Noise Impacts	N/A	Medium
Potential Contamination Impacts	No	Low
Costs		
Estimated Construction Cost (\$ million)	0	321.7
Estimated Right-of-Way Cost (\$ million)	0	11.2
Design Cost (\$ million)	0	32.2
CEI Cost (\$ million)	0	32.2
Environmental Mitigation Cost (\$ million)	0	1.0
Total Cost (\$ million)	0	398.3

Note: The Design cost and CEI cost are 10% of the Construction cost.