



US 41 (SR 45)

From Kracker Avenue to South of SR 676 (Causeway Boulevard)

Project Development and Environment (PD&E) Study | Work Program Item Segment No. 430056-1

EVALUATION MATRIX

US 41 PD&E Study Alternatives Comparison Matrix	No-Build Alternative	Build Alternative
Potential Number of Relocations		
Business Relocations	0	5
Residential Relocations	0	2
Potential Environmental Effects		
Right of Way Required for Roadway Improvements (Acres)	0	3.47
Right of Way Required for Stormwater/Floodplain Compensation Sites (Acres)	0	44.31
Archaeological/Historic Sites (Potential) ¹	None	Low
Section 4(f) Resources in Project Limits/Impacted	None	5/0
Noise Impacts (Number of Sites) ²	61	89
Wetlands and Surface Waters Affected (Acres)	0	8.31
Essential Fish Habitat (Acres)	0	3.57
Floodplain Encroachment (Acre-feet)	0	10.61
Threatened and Endangered Species (Involvement)	None	Low
Contamination Sites (Involvement) – Medium/High Risk Rating	None	14/10
Estimated Costs (\$millions)		
Construction of Roadway, Bridges and Ponds	0	\$273.50
Right of Way Acquisition for Roadway	0	\$21.21
Right of Way Acquisition for Stormwater Ponds & Floodplain Compensation Sites	0	\$16.18
Wetlands Mitigation ³	0	\$2.08
Engineering Design & Construction Inspection (20%)	0	\$55.00
Preliminary Estimate of Total Costs (\$millions)	0	\$367.97

Notes ¹ Sites on or eligible for listing on the National Register of Historic Places (NRHP)
² Sites with noise levels equal to or higher than the Federal Highway Administration’s (FHWA) Noise Abatement Criteria
³ Based on an average mitigation cost of \$175,000/acre