

**DRAFT**

New Braunfels Outer Loop Study PRELIMINARY  
SHORT LIST OF OPTIONS SCREENING MATRIX

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Options:			No Build*	Section A Short List of Options		
Criteria by Goal	Measure	R a n k		Route 1** (A13, A14, A10)	Route 2 (A13, A6, A8)	Route 3 (A13, A14, A15, A8)
<b>Safety Goal</b>						
Provides a Crossing at Guadalupe River	Assessment	no, yes	No	Yes	Yes	Yes
Reduces Public Safety Delays (police, fire, EMS)	Assessment	no, yes	No	Yes	Yes	Yes
Accommodates Bicycles and Pedestrians	Assessment	no, yes	No	Yes	Yes	Yes
<b>Mobility Goal</b>						
Provides Relief Route for Congested Areas	Assessment	no, yes	No	Yes	Yes	Yes
Offers Long-Term Expansion Potential for Future Needs	Assessment	no, yes	No	Yes	Yes	Yes
Minimizes Impacts to Existing Interchanges Along IH 35	Assessment	no, yes	Yes	Yes	Yes	Yes
<b>Economic Development Goal</b>						
Avoid Impacts to Future Airport Expansion	Avoids Impacts	no, yes	Yes	Yes	Yes	Yes
<b>Community and Environmental Goal</b>						
Minimize Residential Displacements	Each	#	0	3	2	2
Minimize Impacts to Vegetation/Wildlife Habitat	Acres	#	0	714	686	673
Minimize Impacts to Hazardous Material Sites	# HazMat Sites	-,+	+	+	+	+
Minimize Impacts to Potential Wetlands	Acres	#	0	0.5	1	1
Minimize Impacts to 100-yr Floodplains	Acres	#	0	35	35	35
Minimize Impacts to Sensitive Archeological Areas	Acres	#	0	564	503	575
Minimize Noise Impacts to Sensitive Receivers	Each	#	0	4	3	3
Minimize Impacts to Schools	Potential Impacts	no, yes	Yes	Yes	Yes	Yes
Avoid Cemeteries and Prehistoric Burial Sites	Impacts	no, yes	Yes	Yes	Yes	Yes
Avoid Impacts to Public Parks/Recreational Facilities	Impacts	no, yes	Yes	Yes	Yes	Yes
Avoid Impacts to Historic Resources	Displacements	no, yes	Yes	Yes	Yes	Yes
Avoid Impacts to Landfill	Impacts	no, yes	Yes	Yes	Yes	Yes
Minimize Impacts to Farmlands/Ranchlands	Bisects to Large Parcels	#	0	4	6	5
Minimize Impacts to Commercial Properties	# Properties	#	0	0	0	0
Avoids Impacts to Major Capital Improvement Projects	Avoids Impacts	-,+	+	+	+	+
Minimize Impacts to Major Utility Features	Assessment	-,+	+	+	+	+
Minimize Impacts to Civic Organizations	Each	-,+	+	+	+	+
Minimize Impacts Potential Environmental Justice Areas	Potential Impact	-,+	+	-	-	-
Minimize Impacts to Faith-Based Organizations	Potential Impact	-,+	+	+	+	+
Minimize Impacts to Prime or Unique Farmlands	Acres	#	0	120	121	111
Minimize Impacts to Potential Golden-cheeked Warbler Habitat	Acres	#	0	270	222	223
Minimize Impacts to Potential Sensitive Geologic Areas	Acres	#	0	553	568	562
<b>Engineering Goal</b>						
Affords Potential River Crossings	Design parameter	no, yes	No	Yes	Yes	Yes
Conforms to AASHTO Design Criteria	Design parameter	no, yes	No	Yes	Yes	Yes
<b>Cost Effectiveness Goal***</b>						

\* The "No Build" option is not eliminated and is to remain an option throughout this study and any subsequent screening and environmental studies.

\*\* Study Recommendation Route

\*\*\* Costs will be determined during future planning and environmental studies.