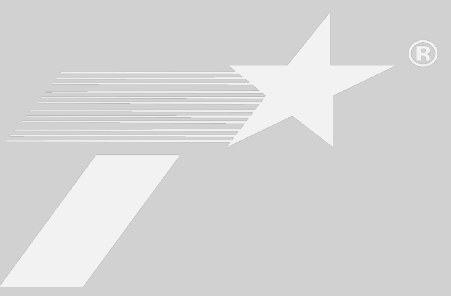


# Phase II Evaluation Matrix



CRITERIA	ALTERNATIVES			
	Green (8.08 miles)	Purple (7.74 miles)	Red (7.46 miles)	Teal (7.23 miles)
<b>Safety</b>				
Provides separate safety route for through traffic (yes/no)	Yes	Yes	Yes	Yes
Improves access of emergency services to emergency facilities (yes/no)	Yes	Yes	Yes	Yes
Improves access of motorists to emergency services (yes/no)	Yes	Yes	Yes	Yes
Reduces crashes (estimated change in 2050 crashes per year versus no build)	-23	-23	-20	-17
<b>Mobility</b>				
Reduces oversize traffic through downtown Sonora (yes/no)	Yes	Yes	Yes	Yes
Travel time savings (minutes)	6.6	6.6	6.8	5.5
Interstate compatibility (yes/ no)	Yes	Yes	Yes	Yes
Modifications to local connectivity and access (yes/no)	No	No	Yes	No
<b>Cost</b> (All costs are for planning purposes only. They are escalated to 2021 dollars and are not separated by funding source. Costs shown are not a guarantee that all project related costs will be funded by TxDOT.)				
Right-of-way cost (dollars)	500,000	451,000	446,000	563,000
Construction Cost (dollars)	510,400,000	451,900,000	476,300,000	610,800,000
<b>Environmental</b> (Within a 1,000-foot corridor, based on the typical section, an alignment would only require 400 feet of right-of-way within the 1,000-foot corridor.)				
Streams (linear feet)	20,664	19,491	18,565	22,423
Oil and gas wells (counts)	37	31	28	31
Pipeline crossings (feet)	87,187	78,293	80,301	75,681
Residences (count)	0	0	1	4
Businesses (count)	1	2	3	1
Environmental Justice - low income and/or minority populations (within one mile)	yes	yes	yes	yes
Parks and Recreational areas (count)	0	0	0	0
<b>Stakeholder Involvement</b>				
Stakeholder Responses	17	29	7	6