

Tier III Matrix

Comparison of Alternatives

**I-10/Loyola Interchange Improvement
S.P. # H.011670**

Resources/Criteria	Alternative E	Alternative I	Alternative L
Property Impacts - Land Only (Acres)			
Non-Commercial (undeveloped, residential, church)	15.5483 acres	3.6347 acres	5.4229 acres
Commercial	20.2717 acres	3.6003 acres	6.0541 acres
Susan Park Impact	0.200 acres	0.065 acres	0.240 acres
Structure Impacts (Number)			
Residential	158	13	55
Commercial	49	5	8
Natural Resources (Acres)			
Changes to 100 Yr Flood plain	0	0	0
Wetlands	0	0	0
Prime Farmland	0	0	0
Potential Impact to Threatened or Endangered Species	No	No	No
Cultural Resources			
Number of Known Archaeology Sites	0	0	0
Number of Historic Structures Impacted	0	0	0
Effect on Known Archaeology Sites	None	None	None
Eligibility of Standing Structures greater than 50 Years Old	Not Eligible	Not Eligible	Not Eligible
Hazardous Materials/UST Sites Within Project Study Area			
Number	39	39	39
Number of Sites Improvements May Impact	31	6	6
Oil and Gas Wells Located within Project Study Area	None	None	None
Noise Sensitive Receptors			
Total Number of Impacts	375	426	418
Residential	367	416	409
Church, Recreation	6	8	7
Commercial	2	2	2
Traffic Analyses			
Operations	UA	A	UA
Signing	MC	LC	C
Safety	A	A	A
Design and Constructability			
Geometrics	MC	LC	C
Constructability	MC	C	LC
Feasible	No	Yes	Yes
Preliminary Total Cost Estimate	\$292.3 Million	\$147.0 Million	\$139.4 Million

*Key to Letter Grading:

UA: unacceptable

A: acceptable

LC: least complex

C: complex

MC: most complex