Table S.1. Summary of Alternative Corridors Considerations

	Units	1	1A	2	3	4	5	6	6A	7	7A
Facility Descriptions											
Add Shoulders to Existing Roadway[1]	miles	57.7	57.7	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0
Add Two New Lanes to Existing Roadway	miles	12.8	12.8	38.5	50.8	22.1	6.7	43.4	40.2	51.4	54.0
New At-Grade Roadway	miles	2.6	2.6	2.6	2.6	28.8	6.1	9.7	12.4	9.9	2.8
New Elevated Roadway	miles	0.0	0.0	0.0	0.0	2.9	16.7	10.4	11.5	4.1	7.4
Total Project Length	miles	73.1	73.1	41.1	76.8	53.8	29.5	63.5	64.1	65.4	64.2
Project Cost											
Construction Cost	$millions	$ 54.4	$ 54.4	$ 81.7	$ 82.9	$ 175.4	$ 349.2	$ 294.1	$ 302.5	$ 181.1	$ 231.6
Engineering, Administrative, and Contingency	$millions	16.3	16.3	24.6	24.9	52.6	104.8	88.2	90.8	54.3	69.5
Right-of-way Cost	$millions	0.1	0.1	13.3	11.6	6.7	0.8	4.7	4.8	7.8	6.9
Wetland Mitigation Preservation	$millions	0.7	0.7	2.6	1.9	2.5	2.8	5.4	5.6	5.2	5.1
Estimated Total Cost	$millions	$ 71.5	$ 71.5	$ 122.2	$ 121.3	$ 237.2	$ 457.6	$ 392.4	$ 403.7	$ 248.4	$ 313.1
Facility Requirements											
New Intersections/Interchanges	each	1	1	3	1	8	4	8	7	6	11
New Railroad Crossings	each	1	1	2	1	4	3	4	4	2	2
New Waterway Crossings	each	0	0	0	0	1	2	3	2	5	5
Pipeline Crossings	each	27	27	26	27	29	20	54	48	59	59
Hurricane Evacuation Efficiency											
Improved System Efficiency from Base Case	H/M/L/No	No	No	Moderate	No	Low	Low	High	High	Moderate	High
Distributes Traffic Evenly to Critical Links	H/M/L	Low	Low	Low	High	Moderate	Low	High	High	Moderate	High
Community Facilities Within Corridor											
Oil Fields	each	1	1	1	0	0	1	0	0	0	0
Communication Towers	each	1	1	1	0	0	0	0	0	0	0
Schools	each	4	4	1	3	0	0	0	0	0	0
Churches	each	6	6	1	0	0	0	0	0	0	0
Cemetaries	each	2	2	1	0	0	0	0	0	0	0
Total Community Facilities	each	14	14	5	3	0	1	0	0	0	0
Cultural Resources Within Corridor											
Historic Standing Structures	each	174	174	13	163	2	11	12	12	14	12
Archeological Sites	each	20	20	1	12	5	0	5	5	6	6
National Register of Historic Property Sites	each	17	17	6	9	0	3	3	3	6	8
Total Cultural Resources	each	211	211	20	184	7	14	20	20	26	26
Environmental Sites Within Corridor											
Underground Storage Tanks	each	10	10	11	6	0	0	1	1	2	1
Industrial / Potentially Hazardous Sites	each	13	13	5	11	4	0	4	4	6	6
Prime and Unique Farmlands	acres	1,685	1,685	1,090	1,085	1,365	305	1,215	1,290	1,390	1,380
Wetlands Impacted by Construction	acres	50	50	170	125	175	250	400	415	360	365
Recommendations											
Recommended for further Study	Yes/No	No	No	No	No	No[2]	No	Yes	Yes	No[2]	Yes

Note: [1]Distances along shoulders do not reflect that shoulders would be added for both LA 1 and LA 308 for Alternatives 1 and 1A. This would increase the actual distance for cold-mill and overlay to approximately 80 miles, representing overlay along LA 1 (40 miles) and overlay along LA 308 (40 miles). This linear distance of improvement is misleading and is not provided in the table for comparison.
[2]Denotes corridor may prove to be a reasonable and feasible alternative pending consideration of modified purpose and need.

Source: URS Greiner Woodward Clyde, 1999.