

# Alternatives Evaluation Matrix

Evaluation Criteria	Unit of Measure	No-Build	1A	5A without RRP <sup>1</sup> Slip Ramps	5A with RRP <sup>1</sup> Slip Ramps
<b>Design</b>					
Alternative Length (approximate)	Miles	0	3.6	2.9	2.9
Proposed Right-of-Way Width (general and varies at interchanges)	feet	0	330	330	330
Proposed Bridges (total structures per alternative / total length of all structures)	Structures feet	0 0	20 4,317	13 10,036	15 10,234
Proposed Interchanges	Number	0	1	1	2
Proposed At-Grade Intersections	Number	0	1	1	1
<b>Physical Environment Effects</b>					
Major Utility Conflicts - Existing	No. of Conflicts	0	5 <sup>2</sup>	5	5
Major Utility Conflicts - Planned	No. of Conflicts	0	0	0	0
Contamination Sites & Facilities	No. of Conflicts	0	3	2	2
Railroad Involvement	No. of Conflicts	0	1 <sup>3</sup>	1	1
<b>Cultural Environment Effects</b>					
Potential Historic Resources	No. of Conflicts	0	0	1	1
Potential Historic Linear Resources (Highways / Railroads)	No. of Resources	0	2	2	2
Potential Archaeological Resources	No. of Resources	0	2	4	4
<b>Natural Environment Effects</b>					
Water Features	* * *	* *	* *	* * *	* * *
Ponds / Lakes	acres	0	5	1	1
Canals / Regulated Floodways	No. of Conflicts	0	0	0	0
Flood Hazard Areas - 100 Year Floodplain	acres	0	73	52	57
Wetlands (non-forested and forested)	acres	0	54	66	68
Habitat - Federal Listed Species	acres	0	6	7	7
Habitat - State Listed Species	acres	0	41	75	83
Bald Eagle Nest	Y/N	0	Y	N	N
Species Impacts (composite rating)	Rating	NONE	HIGH	HIGH	HIGH
Mitigation Banks					
Reedy Creek Mitigation Bank	acres	0	28	49	59
Conservation Easements					
Upper Lakes Basin Watershed	acres	0	0	31	31
SFWMD Regulatory Conservation Lands	acres	0	11	0	0
<b>Social Environment Effects</b>					
Right-of-Way Area	acres	0	194	159	176
Potential Residential Impacts <sup>4</sup>	Total Parcels	0	123	52	87
Existing	Parcels	0	52	18	18
Future	Parcels	0	71	34	69
Potential Non-Residential Impacts <sup>4</sup>	Total Parcels	0	24	8	13
Existing	Parcels	0	11	6	7
Future	Parcels	0	13	2	6
Community Facilities	No. of Conflicts	0	1	1	1
Parks and Recreational Facilities (public & private)	No. of Conflicts	0	0	0	0
Trails	No. of Conflicts	0	1	1	1
Community Cohesion Effects	Ranking	NONE	HIGH	MEDIUM	MEDIUM
Socioeconomic Impacts to Special Populations	Ranking	NONE	HIGH	LOW	LOW
Proposed Development	acres	0	61	0	7
<b>Estimated Cost</b>					
Roadway Construction	2019 \$	\$0	\$103,600,000	\$65,900,000	\$65,900,000
Bridges Construction	2019 \$	\$0	\$57,900,000	\$99,000,000	\$99,000,000
Interchanges Construction	2019 \$	\$0	\$21,000,000	\$27,000,000	\$40,300,000
Toll Collection Equipment	2019 \$	\$0	\$1,700,000	\$2,100,000	\$2,100,000
Utility Relocation	2019 \$	\$0	\$28,300,000	\$46,600,000	\$46,600,000
Right-of-Way Areas	2019 \$	\$0	\$69,300,000	\$18,375,000	\$39,575,000
CR 532 (West)	2019 \$	\$0	\$8,600,000	\$8,600,000	\$8,600,000
Mitigation, Wetlands, & Wildlife	2019 \$	\$0	\$6,200,000	\$12,500,000	\$12,500,000
<b>Total Estimated Alternative Costs</b>	2019 \$	<b>\$0</b>	<b>\$296,600,000</b>	<b>\$280,075,000</b>	<b>\$314,575,000</b>
<b>Projected Annual Average Daily Traffic Volume (2045)</b>		<b>0</b>	<b>18,000</b>	<b>25,200</b>	<b>15,200</b>

Notes:

- 1 - Ronald Reagan Parkway
- 2 - Less major utility relocations required
- 3 - Railroad crossing at skew
- 4 - Includes partially impacted parcels