



# Alternatives Evaluation Matrix

EVALUATION FACTORS	NO BUILD ALTERNATIVE	BUILD ALTERNATIVES				
		CORRIDOR B	CORRIDOR F	CORRIDOR J	CORRIDOR BJ	CORRIDOR FJ
<b>PROJECT LENGTH</b>						
LENGTH OF CORRIDOR (Miles)	0	4.2	4.3	3.8	4.9	5.0
<b>POTENTIAL RIGHT OF WAY IMPACTS</b>						
ANTICIPATED PARCEL IMPACTS (Total Number of Parcels)	0	61	40	70	76	57
ANTICIPATED RIGHT OF WAY ACQUISITION (Acres)	0	87.5	104.3	81.9	93.1	107.4
<b>SOCIAL AND ECONOMIC ENVIRONMENT</b>						
NUMBER OF BUSINESS IMPACTS (PARCELS)	0	3	0	2	4	1
NUMBER OF BUSINESS RELOCATIONS	0	0	0	1	0	0
NUMBER OF RESIDENTIAL IMPACTS (PARCELS)	0	11	3	15	19	11
- Low Income Residential Parcel Impacts	0	1	0	11	11	11
- Minority Residential Parcel Impacts	0	0	0	0	0	0
NUMBER OF RESIDENTIAL RELOCATIONS (NUMBER)	0	18	1	12	7	1
- Low Income Residential Relocations	0	0	0	0	0	0
- Minority Residential Relocations	0	0	0	0	0	0
NUMBER OF CEMETERIES POTENTIALLY IMPACTED	0	0	0	0	0	0
NUMBER OF SCHOOLS POTENTIALLY IMPACTED	0	0	0	0	0	0
NUMBER OF HOSPITALS/MEDICAL CENTERS POTENTIALLY IMPACTED	0	0	0	0	0	0
<b>CULTURAL ENVIRONMENT</b>						
NUMBER OF POTENTIAL SECTION 4(F) SITES	0	0	0	0	0	0
HISTORICAL SITES (HIGH, MEDIUM, OR LOW BASED ON LIKELIHOOD OF IMPACTS)	0	Medium	Low	High	Medium	Medium
ARCHAEOLOGICAL SITES (HIGH, MEDIUM, OR LOW BASED ON LIKELIHOOD OF IMPACTS)	0	Low	Low	Low	Low	Low
NUMBER OF RECREATIONAL AREAS	0	1	0	1	1	0
RECREATIONAL AREA (ACRES)	0	2.25	0	1.72	2.25	0
<b>NATURAL ENVIRONMENT</b>						
WETLANDS/OTHER SURFACE WATERS (ACRES)	N/A	0.46	3.08	0.39	0.66	3.23
THREATENED & ENDANGERED SPECIES (HIGH, MEDIUM, OR LOW BASED ON LIKELIHOOD OF OCCURRENCE)	N/A	Low	Medium	Low	Low	Medium
FARMLAND (ACRES)	0	17.3	6.93	18.29	21.73	11.75
FLOODPLAINS (ACRES)	0	7.30	13.60	15.33	7.93	12.10
<b>PHYSICAL ENVIRONMENTAL EFFECTS</b>						
POTENTIAL CONTAMINATED SITES, MEDIUM OR HIGH (NUMBER)	0	1	1	0	1	0
POTENTIAL NOISE IMPACTS - 2 lane/4 lane	0	18 / 37	5 / 7	60 / 71	20 / 32	12 / 15
STORMWATER AND FLOODPLAIN COMPENSATION (ACRES)	0	27.61	34.64	32.76	31.08	35.64
UTILITIES	0	Medium	Medium	Medium	Medium	Medium
BICYCLE AND PEDESTRIAN FACILITIES (YES/NO)	NO	YES	YES	YES	YES	YES
<b>TRAFFIC OPERATIONS AND SAFETY</b>						
AVERAGE INTERSECTION VOLUME-TO-CAPACITY RATIO (AM)	N/A	0.46	0.55	0.59	0.59	0.61
AVERAGE INTERSECTION VOLUME-TO-CAPACITY RATIO (PM)	N/A	0.42	0.45	0.53	0.52	0.52
AVERAGE ICE MULTIMODAL SCORE	N/A	5.75	5.56	5.75	5.75	5.56
TOTAL DAILY TRAFFIC (2045) REMOVED FROM EXISTING NETWORK	0	5,000	5,000	7,200	7,100	5,700
AVERAGE INTERSECTION DELAY ON EXISTING NETWORK (AM)	42.5	41.7	35.7	35.3	31.0	33.6
AVERAGE INTERSECTION DELAY ON EXISTING NETWORK (PM)	30.4	27.2	26.3	29.8	24.3	26.4
ACCESS TO TURNER CENTER/MOSAIC ARENA (GOOD, FAIR OR POOR)	POOR	GOOD	FAIR	GOOD	GOOD	FAIR
<b>COST ESTIMATES PRESENT DAY COSTS (\$ MILLIONS)</b>						
CONSTRUCTION	\$0.00	\$50.44	\$54.28	\$52.18	\$59.59	\$63.64
FINAL DESIGN (10% OF CONSTRUCTION)	\$0.00	\$5.04	\$5.43	\$5.22	\$5.96	\$6.36
CONSTRUCTION ENGINEERING INSPECTION (10% OF CONSTRUCTION)	\$0.00	\$5.04	\$5.43	\$5.22	\$5.96	\$6.36
RIGHT-OF-WAY	\$0.00	\$26.97	\$9.16	\$17.94	\$26.36	\$11.96
WETLAND MITIGATION*	\$0.00	\$0.09	\$0.62	\$0.08	\$0.13	NO
<b>TOTAL COSTS (\$ MILLIONS)</b>	<b>\$0.00</b>	<b>\$87.59</b>	<b>\$74.91</b>	<b>\$80.63</b>	<b>\$98.00</b>	<b>\$88.33</b>

\* Wetland mitigation costs for estimation purposes only based on Section 373.4137, F.S. - costs are an estimate for programming purposes.