



Evaluation Matrix

Overall Summary

EVALUATION CRITERIA	NO-BUILD ALTERNATIVE	BUILD ALTERNATIVES																							
		ALTERNATIVE 1A								ALTERNATIVE 1B								ALTERNATIVE 2							
		I-75 Mainline	State Road 674 Interchange			Big Bend Road Interchange			Gibsonton Drive Interchange	I-75 Mainline	State Road 674 Interchange			Big Bend Road Interchange			Gibsonton Drive Interchange	I-75 Mainline	State Road 674 Interchange			Big Bend Road Interchange			Gibsonton Drive Interchange
		Build	Option A	Option B	Option C	Option A	Option B	Option C	Partial Cloverleaf	Build	Option A	Option B	Option C	Option A	Option B	Option C	Partial Cloverleaf	Build	Option A	Option B	Option C	Option A	Option B	Option C	Partial Cloverleaf
Potential Business Impacts																									
Number of business relocations	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Potential Residential Impacts																									
Number of residential relocations	0	54	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Potential ROW Impacts (Acres)																									
Area of ROW anticipated to be acquired	0	185.0	12.6	13.1	8.4	18.1	29.3	24.0	5.7	0.0	3.8	2.4	0.0	14.8	26.9	22.1	3.4	0.0	2.4	0.0	0.0	8.8	20.7	15.6	1.9
Potential Environmental Effects																									
Archaeological/historical sites	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Section 4(f) sites	0	3	0	0	0	1	1	1	0	3	0	0	0	1	1	1	0	3	0	0	0	1	1	1	0
Noise sensitive sites	0	1,110	N/A	N/A	N/A	N/A	N/A	N/A	N/A	778	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,393	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wetlands (acres)	0	50.9	26.2	25.3	23.5	28.7	29.9	29.0	16.1	31.3	25.2	24.1	24.1	26.0	27.9	27.2	14.5	31.3	25.2	24.1	24.2	22.6	24.6	24.0	14.1
Floodplains (acres)	0	161.9	47.3	47.4	46.7	132.1	140.4	138.8	35.3	123.3	47.0	46.1	46.1	120.5	129.9	129.2	29.6	123.3	46.7	46.1	46.1	112.2	123.5	122.8	28.6
Surface waters (acres)	0	4.2	0.0	0.0	0.0	0.1	0.2	0.1	8.5	3.5	0.0	0.0	0.0	0.1	0.2	0.1	7.7	3.5	0.0	0.0	0.0	0.1	0.2	0.1	6.8
Threatened and endangered species*	0	Mod	Min	Min	Min	Min	Min	Min	Mod	Min	Min	Min	Min	Min	Min	Min	Mod	Min	Min	Min	Min	Min	Min	Min	Mod
Petroleum or hazardous material sites	0	9	0	0	0	4	4	4	1	0	0	0	0	4	4	4	1	0	0	0	0	4	4	4	1
Estimated Costs** (Present Day Costs in Millions)																									
Right-of-way acquisition costs	\$0.0	\$88.8	\$7.0	\$6.2	\$6.2	\$3.2	\$3.4	\$3.0	\$14.2	\$0.0	\$2.3	\$0.9	\$0.6	\$4.1	\$3.1	\$2.5	\$14.8	\$0.0	\$2.1	\$0.6	\$0.6	\$2.6	\$3.0	\$2.3	\$2.5
Wetlands mitigation costs	\$0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roadway and Bridge construction costs	\$0.0	\$293.3	\$14.4	\$7.3	\$5.5	\$14.4	\$7.3	\$16.4	\$4.4	\$373.9	\$14.4	\$7.3	\$5.5	\$14.4	\$7.3	\$16.4	\$4.4	\$205.2	\$14.4	\$7.3	\$1.8	\$14.4	\$7.3	\$16.4	\$4.4
Engineering design costs (15% of construction)	\$0.0	\$44.0	\$2.2	\$1.1	\$0.8	\$1.0	\$1.3	\$2.5	\$0.5	\$56.1	\$2.2	\$1.1	\$0.8	\$1.0	\$1.3	\$2.5	\$0.5	\$30.8	\$2.2	\$1.1	\$0.3	\$1.0	\$1.3	\$2.5	\$0.5
Construction engineering & inspection costs (15% of construction)	\$0.0	\$44.0	\$2.2	\$1.1	\$0.8	\$1.0	\$1.3	\$2.5	\$0.5	\$56.1	\$2.2	\$1.1	\$0.8	\$1.0	\$1.3	\$2.5	\$0.5	\$30.8	\$2.2	\$1.1	\$0.3	\$1.0	\$1.3	\$2.5	\$0.5
Preliminary Estimate of Total Costs**	\$0.0	\$470.1	\$18.8	\$9.5	\$7.1	\$16.4	\$9.9	\$21.4	\$5.4	\$486.1	\$18.8	\$9.5	\$7.1	\$16.4	\$9.9	\$21.4	\$5.4	\$266.8	\$18.8	\$9.5	\$2.4	\$16.4	\$9.9	\$21.4	\$5.4

EVALUATION CRITERIA	NO-BUILD ALTERNATIVE	BUILD ALTERNATIVES		
		ALTERNATIVE 1A	ALTERNATIVE 1B	ALTERNATIVE 2
Potential Business Impacts				
Number of business relocations	0	1	0	0
Potential Residential Impacts				
Number of residential relocations	0	55	0	0
Potential ROW Impacts (Acres)				
Area of ROW anticipated to be acquired	0	217 - 233	18 - 68	11 - 25
Potential Environmental Effects				
Archaeological/historical sites	None	None	None	None
Section 4(f) sites	0	4	4	4
Noise sensitive sites	0	1,110	778	1,393
Wetlands (acres)	0	119 - 123	96 - 99	92 - 95
Floodplains (acres)	0	376 - 385	320 - 330	310 - 322
Surface waters (acres)	0	13	11	10
Threatened and endangered species*	0	Mod	Min	Min
Petroleum or hazardous material sites	0	14	5	5
Estimated Costs** (Present Day Costs in Millions)				
Right-of-way acquisition costs	\$0	\$112 - 113	\$18 - 21	\$5 - 8
Wetlands mitigation costs	\$0	N/A	N/A	N/A
Roadway and Bridge construction costs	\$0	\$311 - 329	\$391 - 409	\$219 - 240
Engineering design costs (15% of construction)	\$0	\$46 - 49	\$58 - 61	\$33 - 36
Construction engineering & inspection costs (15% of construction)	\$0	\$46 - 49	\$58 - 61	\$33 - 36
Preliminary Estimate of Total Costs**	\$0	\$515 - 540	\$525 - 552	\$290 - 320

*Threatened or Endangered Species
Mod= Moderate
Min= Minimal
** Costs do not include Stormwater Management Facilities