



EVALUATION MATRIX

IMPACT EVALUATION CRITERIA		MAIN BRIDGE				TIDE RELIEF BRIDGE	
		NO BUILD	LOW-LEVEL MOVABLE BRIDGE	MID-LEVEL MOVABLE BRIDGE	HIGH-LEVEL FIXED BRIDGE	NO BUILD	LOW-LEVEL FIXED BRIDGE
ROADWAY/BRIDGE ISSUES							
Overall Bridge Width		40'1"	62'7"	62'7"	62'7"	40'1"	62'7"
Width of Vehicular Travel Lanes		11'	11'	11'	11'	11'	11'
Shoulders (both sides)		2'	8'	8'	8'	2'	8'
Sidewalks		3' 6" (north side)	5' (north side)	5' (north side)	5' (north side)	3' 6" (north side)	5' (north side)
Pinellas Trail Spur		6' (south side)	15' (south side)	15' (south side)	15' (south side)	6' (south side)	15' (south side)
Vertical/Horizontal Clearance		20'*/90'	21'/100'	35'/100'	65'/100'	12.5'/45'	14.5'/144'
Meets Current Design/Safety Standards?		No	Yes	Yes	Yes	No	Yes
Structural Deficiencies Corrected?		No	Yes	Yes	Yes	No	Yes
Bridge Openings		No Change	No Change	50% Reduction	N/A	N/A	N/A
SOCIAL & ENVIRONMENTAL IMPACTS							
Private Property/Land Acquisition		None	None	None	None	None	None
Relocations		None	None	None	None	None	None
Visual Impacts		None	Minimal	Moderate	High	None	Minimal
Parks/Recreation	Temporary	None	0.93 acres	0.93 acres	1.48 acres	None	None
	Permanent	None	None	Gain 0.31 acres	Gain 0.94 acres	None	Lose 0.36 acres
Historic & Archaeological Resources		None	None	None	None	None	None
Wetlands (Temporary/Permanent)		None	0.21/0.11 (acres)	0.21/0.11 (acres)	0.24/0.27 (acres)	None	None
Seagrasses (Temporary/Permanent)		None	0.04 acres/None	0.04 acres/None	0.04 acres/None	None	None
Wildlife		None	Minimal	Minimal	Minimal	None	Minimal
Major Utilities		None	None	None	None	None	None
Potential Noise Impacts (Residential/Recreation)		None	None/Minimal	None/Minimal	None/Minimal	None	None/Minimal
COSTS							
Total Project Costs ** (millions)		N/A	\$74.9	\$76.0	\$48.9	N/A	\$9.25
CONSTRUCTION IMPACTS							
Temporary Bridge Required		N/A	Yes	Yes	Yes	N/A	No ***
Total Construction Time		N/A	4 years ****	4 years ****	4 years ****	N/A	18 months
Anticipated Service Life		15 years	75 years	75 years	75 years	15 years	75 years

* Does not meet United States Coast Guard vertical clearance requirements (21 feet)
** Costs include demolition, roadway and bridge construction, mobilization, maintenance of traffic, aesthetic enhancements, engineering design, construction engineering inspection (CEI) and contingency.
*** Phased construction (traffic will be maintained)
**** Disruption to traffic and recreational areas is anticipated to only occur for 2.5 years