



# ALTERNATIVES EVALUATION MATRIX

Evaluation Criteria	Alternatives: Atlantic Avenue Mainline			Subalternatives: Jog Road Intersection				
	'No-Build' Alternative	'Build' Alternative: Urban Six Lanes Divided Alternative Alignments		'No-Build' Alternative	'Build' Subalternatives			
		Alternative 1: Best Fit Alignment	Alternative 2: South Alignment		A) Partial Displaced Left-Turns	B) Triple Lefts (Expanded Intersection)	C) Dual Lefts	
<b>R/W IMPACTS</b>	<b>Residential Impacts</b>							
	Number of Parcels Potentially Impacted*	0	9	TBD	0	19	TBD	TBD
	Number of Residences Relocated*	0	0	0	0	1	TBD	TBD
	<b>Business Impacts</b>							
	Number of Parcels Potentially Impacted*	0	12	TBD	0	8	TBD	TBD
	Number of Businesses Relocated*	0	0	0	0	0	TBD	TBD
	<b>Unimproved Properties Impacted*</b>	0	6	TBD	0	0	TBD	TBD
	<b>Community Facilities</b>							
	Number of Parcels Potentially Impacted*	0	0	0	0	0	0	0
Number of Facilities Relocated	0	0	0	0	0	0	0	
<b>ENVIRONMENTAL</b>	<b>Section 4(f) / Public Lands</b>							
	Number of Sites Potentially Impacted	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Historic/Archeological</b>							
	Number of NRHP-eligible Historic Sites Potentially	0	0	0	0	0**	0**	0**
	Number of Archeological Sites Potentially Impacted	0	0	0	0	0**	0**	0**
	<b>Primary Wetland Area (acres impacted)</b>	0	0	0	0	0	0	0
	<b>Secondary Wetland Area (acres impacted)</b>	0	0	0	0	0	0	0
	<b>Aquatic Preserves / Outstanding Florida Waters</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Wild and Scenic Rivers (Impacted)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Floodplains encroachment</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Threatened and Endangered Species</b>	None	Low	Low	None	Low	Low	Low
	<b>Water Quality</b>	No change	Standards Met	Standards Met	No change	Standards Met	Standards Met	Standards Met
	<b>Farmlands (acres impacted, no ponds)</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Noise (neighborhoods impacted)</b>	0	No	No	0	Yes	Yes	Yes
	<b>Potential Contamination Sites</b>							
Number of High Risk Contamination Sites	0	0	0	0	0	0	0	
Number of Medium Risk Contamination Sites	0	2	2	0	2	2	2	
<b>ENGINEERING &amp; SAFETY</b>	<b>Utilities</b>							
	Utilities Poles Impacted (distribution, transmission)	0	High	Medium	0	Medium	Medium	Low
	<b>Traffic Operations</b>	Low	Medium	Medium	Low	Medium	Low	Low
	<b>Access</b>	No change	High	High	No Change	Low	Medium	Medium
	<b>Vehicle Safety</b>	Low	High	High	Low	High	Medium	Medium
	<b>Bike/Pedestrian Safety</b>	Medium	High	High	Medium	Medium	Low	Medium
<b>Constructability (high, moderate, low)</b>	N/A	Moderate	Moderate	N/A	High	High	High	
<b>COST</b>	<b>Costs*</b>							
	Construction w/ Partial Displaced Left-Turns at Jog Road	\$0	\$33,938,840	\$36,667,490	\$0			
	Construction w/ Triple Left Turns at Jog Road	\$0	\$33,663,265	\$36,224,640	\$0			
	Construction w/ Dual Left Turns at Jog Road	\$0	\$32,508,980	\$34,926,120	\$0			
	Design Cost	\$0	\$3,423,337	\$3,423,337	\$0			
	Right-of-Way Acquisition w/ Partial Displaced Left-Turns	\$0	TBD	TBD	\$0			
	Right-of-Way Acquisition w/ Triple Left Turns at Jog Road	\$0	TBD	TBD	\$0			
	Right-of-Way Acquisition w/ Dual Left Turns at Jog Road	\$0	TBD	TBD	\$0			
	Construction Engineering and Inspection (CEI) w/ Partial Displaced Left-Turns at Jog Road	\$0	\$3,393,884	\$3,666,749	\$0			
	Construction Engineering and Inspection (CEI) w/ Triple Left Turns at Jog Road	\$0	\$3,366,327	\$3,622,464	\$0			
Construction Engineering and Inspection (CEI) w/ Dual Left Turns at Jog Road	\$0	\$3,250,898	\$3,492,612	\$0				

COSTS ARE INCLUDED IN THE MAINLINE ALIGNMENT ALTERNATIVE COSTS

\*Impacts for alternative alignments are calculated from the Turnpike to Cumberland Dr.; Impacts for Jog Rd. intersection alternatives are calculated from Cumberland Dr. to east of Jog Rd.

\*\* The January 2021 CRAS APE did not extend to El Clair Ranch Rd. or along Jog Rd.; if this alternative is selected, a CRAS addendum will be necessary to update the project APE.

Note: Construction costs assume full reconstruction.

Preliminary: Subject to Change

