



Mainline Evaluation Matrix

Evaluation Criteria	Unit of Measure	PD&E Alternative	No-Build Alternative
Purpose and Need			
Accommodate Transportation Demand	Yes/No	✓	✗
Improve Regional Connectivity	Yes/No	✓	✗
Enhance Freight Mobility & Economic Competitiveness	Yes/No	✓	✗
Enhance Safety & Emergency Evacuation	Yes/No	✓	✗
Engineering			
Length	Miles	18.4	0.0
Proposed Typical Section Width (excluding interchange areas)	Feet	320	0
Social			
Impacts to Parcels	# / acres	313/918	0
Relocations	#	TBD	0
Natural			
Wetlands (Non-Forested and Forested)	Acres	123	0
Federal Emergency Management Agency (FEMA) Floodplains	Acres	121	0
Threatened and Endangered Species Habitat (Federal & State):			
Florida Bonneted Bat	Acres	52	0
Sand Skink (Sand and Bluetail Mole) / Eastern Indigo Snake / Gopher Tortoise	Acres	830	0
Bald Eagle Nest (660-foot Buffer)	#	1	0
Conservation Lands	Acres	29	0
Cultural			
Parks and Recreational Facilities (public and private)	#	0	0
Potential Archaeological & Historic Sites	# of sites	TBD	0
Physical			
Potential Contamination Sites	#	23	0
Major Utility Agency Owners (Gas Pipelines, Transmission Lines)	#	5	0
Project Cost			
Total Construction Cost	Billions (\$)	1.5	0

Notes: At locations with two interchange options, this evaluation includes the interchange with the biggest footprint.
Construction cost is preliminary and subject to change.
TBD = To be determined

