

BRADENTON PALMETTO CONNECTOR ALTERNATIVE CORRIDOR EVALUATION (ACE)



Manatee County, Florida
FPID No.: 444843-1-22-01

SUMMARY EVALUATION MATRIX

Criteria	Unit of Measurement	Corridor A	Corridor B Modified	Corridor AB	Corridor C	Corridor D Modified	Corridor E	Corridor F	Corridor G	Corridor H	Corridor I
Length	Miles	7.97	9.01	7.73	7.81	9.37	10.18	7.63	8.59	10.09	7.26
Minimum Number of Proposed Lanes to Accommodate Traffic	Each	4-6	4-6	8-10 *	4-6	4-6	4-6	4-6	4-6	4	4
Traffic											
2040 AADT** (New Bridge)		119,830***	73,182	52,050	62,388	65,311	44,729	32,409	39,867	47,164	49,592
Safety											
Improve Safety		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Social & Economic											
Level of Impact on Neighborhoods with Underrepresented Communities****		Medium	Medium	Medium	High	Medium	Medium	Low	Low	Medium	Low
Residential Parcels Impacted	# of parcels	28	153	108	241	371	251	701	769	151	126
Commercial Business Parcels Impacted	# of parcels	38	27	37	71	27	14	101	22	38	18
Cultural											
Historic/Archaeological Sites (Cemeteries, Historic, and Archaeological Sites)	#	0	0	0	2	2	1	3	2	0	0
Parks & Recreation Areas	#	2	0	1	1	2	0	4	2	2	0
Natural											
Floodplains	acres	31.06	29.45	39.48	42.01	36.97	50.92	30.16	51.257	118.37	93.93
Wetlands	acres	1.07	5.41	3.26	7.71	7.97	17.98	1.47	10.96	15.72	13.95
Physical											
Contamination Sites	#	15	12	13	19	6	5	12	3	8	5
Utility Conflicts	#	1	2	3	2	1	1	0	0	3	1

* Corridor AB merges with US 41 north of Manatee River and requires 8-10 lanes from north of DeSoto Bridge to US 301.

** **AADT** - Annual Average Daily Traffic. It's the average number of vehicles that use a road each day for over a year.

*** The volume represents projected traffic using the existing DeSoto Bridge.

**** Underrepresented communities include low income and minority communities.

 Reflects the highest impact and lowest amount of traffic per category.