

Table 5-2. Summary Viable Alternatives Weighted Ranking

**Vanderbilt Beach Road Extension Corridor Study
COLLIER COUNTY**

**FINAL
4/13/06**

	Viable Alternative Corridors	Weighting	3	6	7	12	15
			Segments A+BA+C2A+D2+E2	Segments A+BA+C4+D4+E4	Segments A+BB+C5+D5+E5	Segments A+BC+C2A+D2+E2	Segments A+BC+C4+D4+E4
	Evaluation Criteria						
Human Environment	BUSINESS IMPACTS Total number of business properties impacted (parcels)	10%	0.50	0.50	0.10	0.10	0.10
	RESIDENTIAL IMPACTS Total number of residential properties impacted (parcels)	5%	0.20	0.10	0.05	0.25	0.15
	OTHER LAND USE IMPACTS Total number of other land use properties impacted (parcels)	5%	0.15	0.10	0.05	0.25	0.20
	RIGHT-OF-WAY IMPACTS Total number of parcels impacted (parcels)	5%	0.20	0.10	0.05	0.25	0.15
	Total number of displacements (units)	30%	0.30	0.90	1.50	0.60	1.20
Natural Environment	NATURAL ENVIRONMENT & PHYSICAL IMPACTS Total area of wetland impacts (acres)	5%	0.25	0.15	0.05	0.20	0.10
	TRAFFIC CIRCULATION						
	Traffic Flow	10%	0.10	0.30	0.50	0.20	0.40
	Connectivity	5%	0.25	0.15	0.05	0.20	0.10
	PROJECT COSTS	25%	1.25	1.00	0.50	0.25	0.75
	TOTAL	100%	3.20	3.30	2.85	2.30	3.15
	VIABLE ALTERNATIVE CORRIDOR RANKING		3	5	2	1	4

Notes: OTHER LAND USES include Historic & Archaeological sites, Government/Publicly Owned lands, Agricultural lands and unknown land uses.
RANKING: 1 (the best scenario or least impacts) through 5 (the worst scenario or highest impacts)

