TABLE 5. SUMMARY VIABLE ALTERNATIVES RANKING

Vanderbilt Beach Road Extension Corridor Study
COLLIER COUNTY -- Initial Alternatives
(based on May 18, 2005, Concept Plans)

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	Viable Alternative Corridors	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)	5	5	1	1	1
	Total number of business displacements (units)	5	5	1	1	1
	RESIDENTIAL IMPACTS					
	Total number of residential properties impacted (parcels)	4	2	1	5	3
	Total number of residential displacements (units)	1	3	5	2	4
	Number of vacant/unimproved properties impacts	4	2	1	5	3
	OTHER LAND USE IMPACTS					
	Total number of other land use properties impacted (parcels)	3	2	1	5	4
	Total number of other land use displacements (units)	2	4	1	3	5
	RIGHT-OF-WAY IMPACTS					
	Total number of parcels impacted (parcels)	4	2	1	5	3
	Total number of displacements (units)	1	3	5	2	4
Natural Environment	**NATURAL ENVIRONMENT & PHYSICAL IMPACTS**					
	Total area of wetland impacts (acres)	5	3	1	4	2
	Potential impacts to threatened & endangered species (low, medium, high)	1	1	1	1	1
	Number of potentially contaminated sites impacted	5	5	1	1	1
	TRAFFIC CIRCULATION					
	Traffic Flow	1	3	5	2	4
	Connectivity	5	3	1	4	2
	PROJECT COSTS	4	5	2	1	3

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)

TABLE 6. SUMMARY VIABLE ALTERNATIVES WEIGHTED RANKING

Vanderbilt Beach Road Extension Corridor Study
COLLIER COUNTY
(based on May 18, 2005, Concept Plans)

DRAFT
4/6/06

	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%	1.00	1.25	0.50	0.25	0.75
	TOTAL	100%	2.95	3.55	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)

Collier County

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