



State Road 29 PD&E Study

From Oil Well Road to S.R. 82

FPN: 417540 1 22 01

Alternatives Evaluation Matrix

Evaluation Factors	Proposed Alternatives for Further Study			
	Existing	West	Central	East
Area in acres	307.8	483.0	373.5	459.4
Length in miles	15.7	18.3	15.4	15.9
Residential Parcels / Acres	8 / 1.71	13 / 3.18	0 / 0	0 / 0
Commercial Parcels / Acres	58 / 11.4	0 / 0	35 / 12.7	0 / 0
Agricultural Parcels / Acres	2 / 0.5	27 / 376.7	9 / 153.1	16 / 336.8
Socio-cultural effects				
Schools	0	0	0	0
Religion institutions	1	0	0	0
EMS / police / fire	0	0	0	0
Cemetery	0	0	0	0
Airport	0	0	0	0
Medium density residential - acres	0.0	0.0	0.0	0.0
High density residential - acres	0.5	0.0	0.0	0.0
Development of regional impact (DRI) - acres	0.0	0.0	0.0	0.0
Planned unit development (PUD) - acres	0.5	0.0	0.0	0.0
Potential environmental justice impacts	No	Yes	No	No
Tribal-owned lands - acres	0.0	0.0	0.0	0.0
Recreation lands - acres	0.0	0.0	0.0	0.0
Historical sites	1	0	0	0
Archaeological occurrences	1	0	0	0
Natural effects				
Wetlands				
Herbaceous - acres	3.3	22.5	9.3	39.3
Forested - acres	<u>20.0</u>	<u>19.9</u>	<u>18.1</u>	<u>8.3</u>
Total Wetlands - acres	24.9	42.9	29.9	49.1
Open water features - acres	1.6	0.5	2.5	1.5
Floodplain category	D*	D	D	D
Wellhead Protection Areas	2	0	1	0
Publicly managed lands - acres	0.0	0.0	0.0	0.0
Eagle nests (within buffer)	0	0	0	0
Rookeries (within buffer)	0	0	0	0
Threatened & endangered species occurrences ** (within buffer)	0	0	0	0
Panther primary habitat - acres	176.2	170.9	176.2	315.1
Panther secondary habitat - acres	50.3	296.3	129.1	144.3
Physical effects				
Potential contamination sites	7	0	2	0
Potential noise receivers	8	13	0	0
Sinkholes	1	0	0	0
Brownfields	0	0	0	0
Water / Sewer treatment facilities	0 / 0	0 / 0	0 / 0	0 / 0
Costs (In millions)				
Right-of-way Costs***	\$16.8	\$13.4	\$15.7	\$6.3
Construction Costs (Engineer's estimate)	\$77.9	\$119.9	\$70.4	\$86.0

Notes:

*FEMA Flood zone D = Undetermined

**Source - Florida Natural Areas Inventory

***ROW costs do not include costs for ponds or stormwater facilities.