

Evaluation Matrix of Potential Effects

Port Manatee Connector
PD&E STUDY
 from Port Manatee to I-75
 Manatee and Hillsborough Counties, Florida

Financial Project Number: 422724-1-22-01

| Evaluation Criteria | Preliminary Alignments | | | | | |
|---|------------------------|-------|-------|-------|-------|-------|
| | 1 | 2A | 2B | 3 | 4 | 5 |
| Alignment Characteristics | | | | | | |
| Alignment Width (feet) | 400 | 400 | 400 | 400 | 400 | 400 |
| Alignment Length (miles) | 6.27 | 4.87 | 4.86 | 4.10 | 4.13 | 4.55 |
| Alignment Size (acres) | 303.9 | 236.1 | 235.6 | 198.6 | 200.0 | 230.0 |
| Sociocultural Environment Effects | | | | | | |
| Right-of-Way Impacts (acres) | 272 | 226 | 233 | 167 | 134 | 86 |
| Number of Parcels Impacted | 20 | 12 | 10 | 27 | 61 | 58 |
| Potential Relocations (number of impacted structures) | 6 | 5 | 1 | 8 | 23 | 34 |
| Residential | 0 | 0 | 0 | 1 | 12 | 26 |
| Non-Residential | 6 | 5 | 1 | 7 | 11 | 8 |
| Airport | 1 | 1 | 1 | 0 | 0 | 0 |
| Churches | 0 | 0 | 0 | 0 | 1 | 0 |
| U.S. 41 Scenic Highway Involvement (Y/N) | N | N | N | Y | Y | Y |
| Publicly Managed Lands (acres) | 0 | 0 | 0 | 0 | 0 | 11 |
| Planned Conservation Lands (acres) | 13 | 0 | 0 | 0 | 9 | 17 |
| Historical or Archaeological Resources Affected (Y/N) | Y | N | N | Y | Y | Y |
| Natural Environment Effects | | | | | | |
| Wetlands | 32.3 | 43.4 | 25.0 | 26.3 | 9.0 | 10.0 |
| Forested wetlands (acres) | 28.1 | 34.6 | 17.4 | 23.7 | 7.3 | 9.3 |
| Non-forested wetlands (acres) | 4.2 | 8.8 | 7.6 | 2.6 | 1.6 | 0.7 |
| Flood Hazard Areas (acres) | 30 | 37 | 11 | 26 | 105 | 110 |
| Wildlife | | | | | | |
| Eagle Nest Buffer Zones | 1 | 0 | 0 | 0 | 0 | 0 |
| Wood Stork Core Foraging Areas near study area | 4 | 3 | 3 | 3 | 3 | 3 |
| Threatened and Endangered Species Occurrence | 0 | 0 | 0 | 1 | 0 | 0 |
| Physical Environment Effects | | | | | | |
| Potential Contamination Sites | 1 | 2 | 1 | 5 | 3 | 3 |
| Major Utilities | 2 | 1 | 1 | 4 | 1 | 0 |
| Preliminary Cost Estimate | | | | | | |
| Right-of-Way and Construction Cost Estimate (2009 million \$) | \$247 | \$181 | \$188 | \$289 | \$328 | \$301 |

