



Pine Hills Road Extension RCA Study Impact Evaluation Summary

| Categories | Evaluation Criteria | Alignment Alternatives | | | | | Recommended Alignment |
|--|---|------------------------|------------------|---------------------|--------------------|--------------------|-----------------------|
| | | Align. 1B Purple | Align. 2B Red | Align. 3B Orange | Align. 4B Black | Align. 5B Green | |
| Human Environment | SOCIAL IMPACTS | | | | | | |
| | Total Number of Business Impacts | 4 | 6 | 6 | 8 | 9 | 8 |
| | Total Number of Business Displaced | 5 | 4 | 3 | 2 | 1 | 2 |
| | Multi-Family Apartments/Condos/Mobile Home Bldg Impacted | 0 | 2 | 1 | 2 | 2 | 2 |
| | Multi-Family Apartments/Condos/Mobile Home Bldg Displaced | 4 | 2 | 0 | 2 | 0 | 2 |
| | Total Number of Vacant Property Impacts | 2 | 1 | 2 | 2 | 2 | 1 |
| | Total Number of Industrial Park Impacted | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Number of Churches Impacted | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Number of Schools Impacted | 0 | 0 | 0 | 0 | 0 | 0 |
| | Railroad Impacts | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Number of Single Family Parcels Impacted | 11 | 12 | 13 | 11 | 12 | 11 |
| | Total Number of Single Family Parcels Displaced | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACCESS IMPACTS | | | | | | |
| | Driveway Entrances | 16 | 18 | 20 | 20 | 20 | 20 |
| | CULTURAL & HISTORIC IMPACTS | | | | | | |
| | Total Number of Historic Resources/Archaeological Sites | 1 | 1 | 1 | 1 | 1 | 1 |
| | Archaeological Site Potential (low, med, high) | low | low | low | low | low | low |
| | Total Number of Impacted Public Parks and Recreational Areas | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Number of Impacted Conservation Areas or Public Lands ² | 0 | 0 | 0 | 0 | 0 | 0 |
| Natural Environment | NATURAL ENVIRONMENT AND PHYSICAL IMPACTS | | | | | | |
| | Total Number of Impacted Wetland/Ditch Systems | 1 | 1 | 1 | 1 | 1 | 1 |
| | - Number of Impacted Wetland Systems | 0 | 0 | 0 | 0 | 0 | 0 |
| | - Number of Impacted Ditch Systems | 1 | 1 | 1 | 1 | 1 | 1 |
| | Wetland Impacts (acres) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Ditch Impacts (acres) | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | Threatened & Endangered Species Potential (low, med, high) | low | low | low | low | low | low |
| | Outstanding Florida Water Involvement (yes or no) | no | no | no | no | no | no |
| Total Number of Impacted Contamination Sites | 1 | 1 | 2 | 1 | 2 | 1 | |
| Engineering | RIGHT-OF-WAY IMPACTS³ | | | | | | |
| | Total Number of Parcels Impacted | 29 | 30 | 28 | 30 | 29 | 29 |
| | - Parcels impacted due to Roadway/Bridge | 26 | 27 | 25 | 27 | 26 | 26 |
| | - Parcels impacted due to Pond | 3 | 3 | 3 | 3 | 3 | 3 |
| | Total Area of Impacted ROW (acres) | 28.37 | 19.14 | 12.83 | 17.41 | 11.57 | 17.41 |
| | - Area of Impacted ROW due to Roadway (acres) | 23.89 | 14.66 | 8.35 | 12.93 | 7.09 | 12.93 |
| | - Area of Impacted ROW due to Pond (acres) | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 |
| | BRIDGE STRUCTURES | | | | | | |
| | Bridge Vertical Clearance | 23 | 23 | 23 | 23 | 23 | 23 |
| | Total Proposed Bridge Length (ft) | 145 | 145 | 145 | 145 | 145 | 145 |
| | Type of Bridge Structure (low or high level) | low | low | low | low | low | low |
| Project Costs | PROJECT COSTS (IN 2005 MILLION \$) | | | | | | |
| | Roadway Construction Cost Total | \$8.5 | \$8.0 | \$8.5 | \$8.5 | \$8.5 | \$8.5 |
| | Utility Relocation Costs (5.0%) | \$0.4 | \$0.4 | \$0.4 | \$0.4 | \$0.4 | \$0.4 |
| | MOT (12%) | \$0.9 | \$0.8 | \$0.9 | \$0.9 | \$0.9 | \$0.9 |
| | Subtotal 1: | \$9.8 | \$9.2 | \$9.8 | \$9.8 | \$9.8 | \$9.8 |
| | Mobilization (5%) | \$1.0 | \$0.9 | \$1.0 | \$1.0 | \$1.0 | \$1.0 |
| | Subtotal 2: | \$10.7 | \$10.1 | \$10.7 | \$10.8 | \$10.8 | \$10.8 |
| | Contingency Costs (15%) | \$1.6 | \$1.5 | \$1.6 | \$1.6 | \$1.6 | \$1.6 |
| | Preliminary Construction Costs | \$12.4 | \$11.6 | \$12.3 | \$12.4 | \$12.4 | \$12.4 |
| | Right-of-Way Costs | \$11.9 | \$7.8 | \$7.6 | \$5.6 | \$5.1 | \$5.0 |
| | Subtotal Construction + ROW Costs (in 2005 Million \$) | \$24.3 | \$19.4 | \$19.9 | \$18.0 | \$17.5 | \$17.4 |
| | Engineering, Legal, Admin, CEI, Post Design (27% of Preliminary Construction Costs) | \$3.3 | \$3.1 | \$3.3 | \$3.4 | \$3.4 | \$3.4 |
| | TOTAL PROJECT COST (IN 2005 MILLION \$) | \$27.6 | \$22.6 | \$23.2 | \$21.3 | \$20.9 | \$20.8 |