



Pine Hills Road Extension RCA Study Impact Evaluation Summary

| Categories | Evaluation Criteria | Alignment Alternatives | | | | | Corridor A | |
|---|--|---|------------------|---------------------|--------------------|--------------------|---------------|--------|
| | | Align. 1C Purple | Align. 2C Red | Align. 3C Orange | Align. 4C Black | Align. 5C Green | | |
| Human Environment | SOCIAL IMPACTS | | | | | | | |
| | Total Number of Business Impacts | 10 | 12 | 14 | 12 | 15 | 10 | |
| | Total Number of Business Displaced | 6 | 5 | 4 | 3 | 2 | 1 | |
| | Multi-Family Apartments/Condos/Mobile Home Bldg Impacted | 3 | 5 | 3 | 5 | 5 | 0 | |
| | Multi-Family Apartments/Condos/Mobile Home Bldg Displaced | 4 | 2 | 0 | 3 | 0 | 0 | |
| | Total Number of Vacant Property Impacts | 2 | 1 | 2 | 2 | 2 | 1 | |
| | Total Number of Industriail Park Impacted | 1 | 1 | 0 | 0 | 1 | 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 | 0 | |
| | Total Number of Single Family Parcels Displaced | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ACCESS IMPACTS | | | | | | | |
| | Driveway Entrances | 28 | 30 | 32 | 28 | 32 | 0 | |
| | CULTURAL & HISTORIC IMPACTS | | | | | | | |
| | Total Number of Historic Resources/Archaeological Sites | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 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 Systems | 1 | 1 | 1 | 1 | 1 | 0 | |
| | - Number of Impacted Wetland Systems | 0 | 0 | 0 | 0 | 0 | 0 | |
| | - Number of Impacted Ditch Systems | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 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 | 0.00 | |
| | Threatened & Endangered Species Potential (low, med, high) | low | low | low | low | low | low | |
| | Outstanding Florida Water Involvement (yes or no) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total Number of Impacted Contamination Sites | 0 | 0 | 1 | 0 | 1 | 3 | | |
| Engineering | RIGHT-OF-WAY IMPACTS³ | | | | | | | |
| | Total Number of Parcels Impacted | 40 | 41 | 39 | 39 | 40 | 12 | |
| | - Parcels impacted due to Roadway/Bridge | 37 | 38 | 36 | 36 | 37 | 12 | |
| | - Parcels impacted due to Pond | 3 | 3 | 3 | 3 | 3 | 0 | |
| | Total Area of Impacted ROW (acres) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | - Area of Impacted ROW due to Roadway (acres) | 23.03 | 13.80 | 8.67 | 13.70 | 8.09 | 0.00 | |
| | - Area of Impacted ROW due to Pond (acres) | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 0.00 | |
| | BRIDGE STRUCTURES | | | | | | | |
| | Bridge Vertical Clearance | 23 | 23 | 23 | 23 | 23 | 23 | |
| | Total Proposed Bridge Length (ft) | 145 | 145 | 145 | 145 | 145 | 1100 | |
| | Type of Bridge Structure (low or high level) | low | low | low | low | low | low | |
| | Project Costs | PROJECT COSTS (IN 2005 MILLION \$) | | | | | | |
| | | Construction Cost Total | \$9.3 | \$9.0 | \$9.0 | \$9.0 | \$9.0 | \$27.1 |
| Utility Relocation Costs (5.0%) | | \$0.6 | \$0.5 | \$0.5 | \$0.5 | \$0.5 | \$1.6 | |
| MOT (12%) | | \$1.4 | \$1.3 | \$1.3 | \$1.3 | \$1.3 | \$3.9 | |
| Subtotal 1: | | \$11.3 | \$10.8 | \$10.9 | \$10.9 | \$10.9 | \$32.7 | |
| Mobilization (5%) | | \$0.6 | \$0.5 | \$0.5 | \$0.5 | \$0.5 | \$1.6 | |
| Subtotal 2: | | \$11.8 | \$11.4 | \$11.4 | \$11.4 | \$11.4 | \$34.3 | |
| Contingency Costs (15%) | | \$1.8 | \$1.7 | \$1.7 | \$1.7 | \$1.7 | \$5.1 | |
| Preliminary Construction Costs | | \$13.6 | \$13.1 | \$13.2 | \$13.2 | \$13.2 | \$39.5 | |
| Right-of-Way Costs | | \$11.6 | \$7.5 | \$7.6 | \$5.9 | \$4.9 | \$0.0 | |
| Subtotal Construction + ROW Costs (in 2005 Million \$) | | \$25.2 | \$20.6 | \$20.7 | \$19.1 | \$18.1 | \$39.5 | |
| Engineering, Legal, Admin, CEI, Post Design (27% of Preliminary Construction Costs) | | \$3.7 | \$3.5 | \$3.6 | \$3.6 | \$3.6 | \$10.7 | |
| TOTAL PROJECT COST (IN 2005 MILLION \$) | | \$28.9 | \$24.1 | \$24.3 | \$22.6 | \$21.6 | \$50.1 | |