

# Alternatives Evaluation Matrix

|  | RECOMMENDED ALTERNATIVE (CENTRAL ALTERNATIVE #2) | NO-BUILD ALTERNATIVE |
|--|--|----------------------|
| <b>POTENTIAL IMPACTS</b>   |  |                      |
| BUSINESS RELOCATIONS   | 1  | 0                    |
| RESIDENTIAL RELOCATIONS  | 0  | 0                    |
| CULTURAL RESOURCES   | 0  | 0                    |
| SECTION 4(F) RESOURCES   | 2  | 0                    |
| WETLANDS / SURFACE WATERS (ACRES)                                  | 29.74  | 0                    |
| FLOODPLAINS (ACRES)  | 25.36  | 0                    |
| POTENTIAL THREATENED AND ENDANGERED SPECIES INVOLVEMENT (YES / NO) | YES  | NO                   |
| CONTAMINATED SITES   | 67<br>(31 MEDIUM OR HIGH RISK)                   | 0                    |
| NOISE IMPACTED SITES   | 0  | 0                    |
| <b>ESTIMATED COSTS (2018 PRESENT DAY COSTS IN MILLIONS)</b>        |  |                      |
| DESIGN <sup>1</sup>  | \$16,386,000                                     | \$0                  |
| WETLAND MITIGATION <sup>2</sup>                                    | \$1,800,000                                      | \$0                  |
| WILDLIFE HABITAT MITIGATION <sup>3</sup>                           | \$4,396,000                                      | \$0                  |
| UTILITIES / ITS / ATMS RELOCATION                                  | \$227,000  | \$0                  |
| RIGHT-OF-WAY ACQUISITION   | \$18,300,000                                     | \$0                  |
| CONSTRUCTION   | \$109,241,000                                    | \$0                  |
| CONSTRUCTION ENGINEERING AND INSPECTION <sup>1</sup>               | \$16,386,000                                     | \$0                  |
| <b>TOTAL COST</b>  | <b>\$166,736,000</b>                             | <b>\$0</b>           |

<sup>1</sup> 15% of construction cost.

<sup>2</sup> Wetland mitigation cost estimate based on FDOT Environmental Mitigation Payment Processing Handbook, Page 5, Fiscal Year 2021/2022 (\$125,594 per acre of impact).

<sup>3</sup> Wildlife habitat mitigation cost includes mitigation for Florida panther and Florida scrub jay. Florida panther mitigation cost estimate based on \$850 per panther habitat unit (PHU). Florida scrub jay mitigation cost estimate based on \$25,000 per acre of impact with assumed 2:1 mitigation cost ratio.