

# EVALUATION MATRIX

## Malabar Road PD&E Study Evaluation Matrix

EVALUATION FACTORS	Preferred 4-Lane Widening	No Build
<b>ABILITY TO MEET PURPOSE AND NEED</b>		
Improves Traffic Operations and Accommodates Future Demand	✓	X
Improves Safety and Enhances Emergency Evacuation and Response Times	✓	X
<b>POTENTIAL RIGHT OF WAY IMPACTS</b>		
Relocations (#Business/#Residential/#Other)	0 / 1 / 0	0
Parcels (#Total/#City Owned)	108/33	0
Right of Way to be Acquired (acres)	39.0	0
<b>TRAFFIC OPERATIONS</b>		
2050 Roadway Segment Levels of Service (LOS) (#Segments/#@LOS E or F) <sup>2</sup>	4/1	4/4
2050 Major Intersections Levels of Service (LOS) (#Intersections/#@LOS F) <sup>2</sup>	8/0	4/3
<b>POTENTIAL ENVIRONMENTAL EFFECTS</b>		
Threatened/Endangered Species and Habitat	Medium	N/A
Wetlands (acres)	5.6	0
Floodplains (acre-feet)	1.9	0
Water Quality/Stormwater Management	Improved	No Change
Archaeological Resources	None	N/A
Historical Resources	0	0
Public Recreation Resources (#)	0	0
Noise Sensitive Receptors (#)	2	0
Contamination Sites (#Medium/#High Risk)	10 / 0	0 / 0
Utility Agencies/Owners Impacted (#)	8/5	0
<b>ESTIMATED PROJECT COSTS (2023/2024 \$\$)</b>		
Right of Way	\$2,403,800	\$0
Wetland Mitigation	\$660,000	\$0
Design	\$10,000,000	\$0
Construction	\$119,717,600	\$0
Construction Engineering and Inspection	\$16,499,000	\$0
<b>Preliminary Estimate of Total Project Cost<sup>1</sup></b>	<b>\$149,280,400</b>	<b>\$0</b>

<sup>1</sup> Source: FDOT Long-Range Estimating System. Preliminary Estimate of Total Project Cost does not include maintenance costs.

<sup>2</sup> Short distance between Plaza Shopping Center and Minton Road signals with overlapping delays cause LOS F.

**PRELIMINARY SUBJECT TO CHANGE**



The City of Palm Bay is required to comply with various non-discrimination laws and regulations, including Title VI of the Civil Rights Act of 1964.

Public participation is solicited without regard the race, color, national origin, age, sex, religion, disability, or family status.

Persons wishing to express their concerns about Title VI may do so by contacting:

Laura Clawson, HR Director  
Human Resources  
120 Malabar Road S.E.  
Palm Bay, Florida 32907  
Phone: (321) 952-3421

## 2020 & 2050 DAILY TRAFFIC VOLUMES & SEGMENT EXISTING/FUTURE LEVELS OF SERVICE

