



MALABAR ROAD

Project Development and Environment (PD&E) Study

From St. Johns Heritage Parkway to Minton Road

City of Palm Bay, Florida

FPID: 437210-1

PUBLIC HEARING – Thursday, November 14, 2024

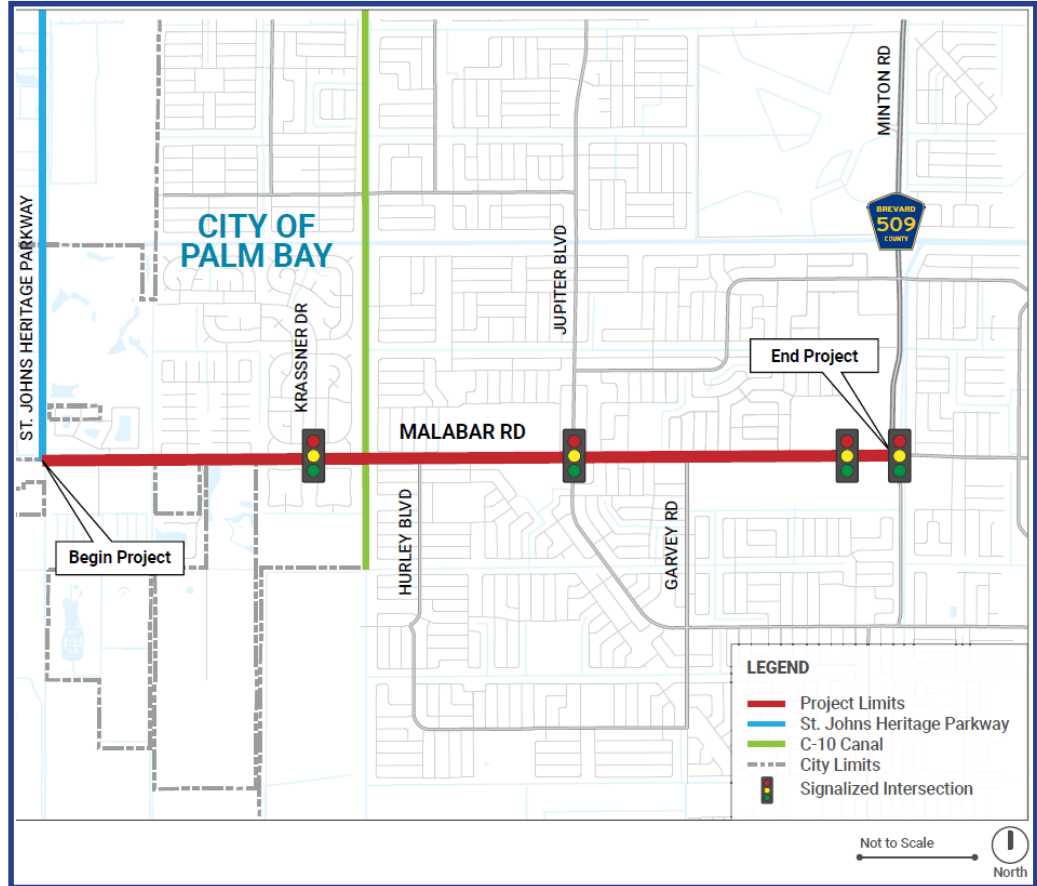
INTRODUCTION

The City of Palm Bay welcomes you to a public hearing for the Malabar Road Project Development and Environment (PD&E) Study.

The purpose of this study is to meet future traffic demand and evaluate the four lane widening throughout the study limits. The study also evaluated safety and bicycle and pedestrian enhancements along the corridor. The study’s limits are from the St. Johns Heritage Parkway in Brevard County to Minton Road in the City of Palm Bay, a distance of approximately four miles.

This hearing is being conducted to present the preferred alternative and all analysis to date, as well as to give interested persons an opportunity to express their views concerning the location, conceptual design, and social, economic, and environmental effects of the proposed improvements.

On display this evening are maps, display boards, and project related information. The project team is available to discuss the study and answer questions.



ABOUT THE PROJECT

Malabar Road is designated as a hurricane evacuation route and critical corridor in facilitating regional and local traffic within the City of Palm Bay. The PD&E Study began in 2019, and throughout the study process, City of Palm Bay has looked at many different concepts. After environmental and engineering analyses, public and agency comments, and following the Virtual Public Meeting held on September 24, 2020, a preferred alternative was selected. Following this public hearing, the Location and Design Concept Acceptance (LDCA) of the preferred alternative will be submitted to the FDOT Office of Environmental Management for review. At this time, the Space Coast Transportation Planning Organization’s adopted Transportation Improvement Program includes funding for final design in fiscal year 2024. The City of Palm Bay anticipates completion of this PD&E Study by the spring of 2025.

HEARING SCHEDULE AND WHAT TO EXPECT

5 p.m. Open House | 6 p.m. Formal Presentation

Welcome Area:

- Sign-in Table
- Project Handout
- Technical Document Display
- Comments Table

Exhibit Area:

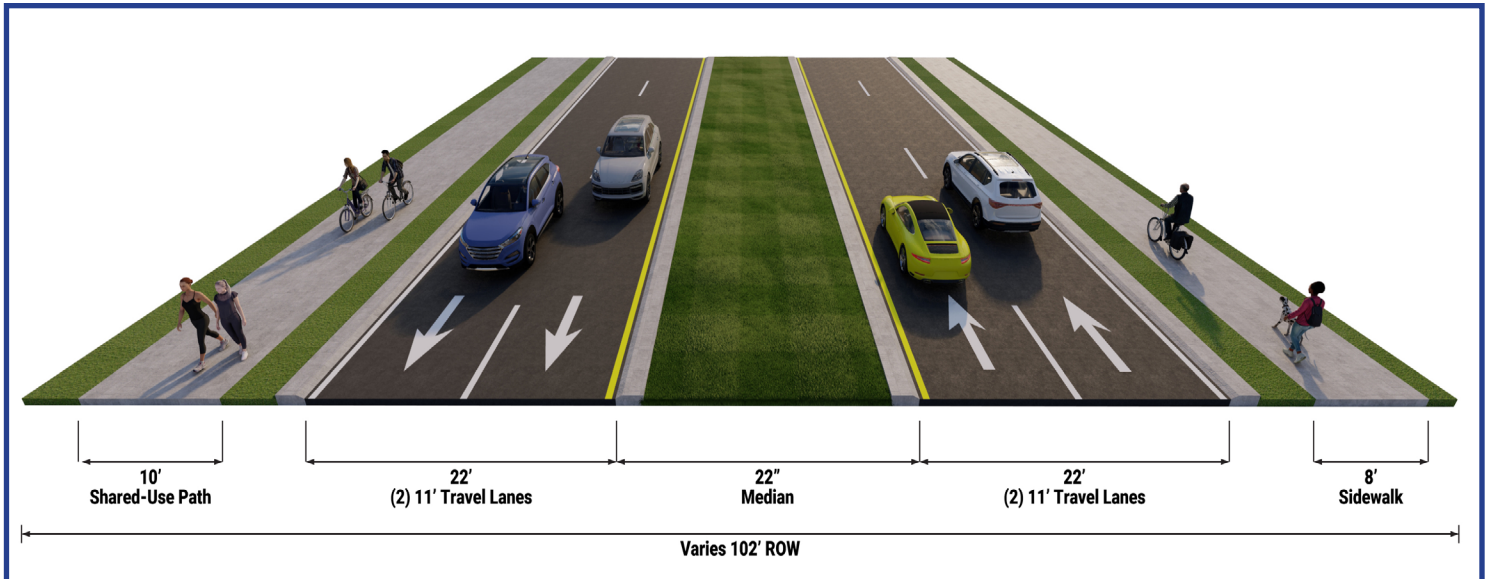
- Project Displays
- Project Team available for questions and answers
- Comments Tables

Presentation Area:

- Formal presentation and public testimony

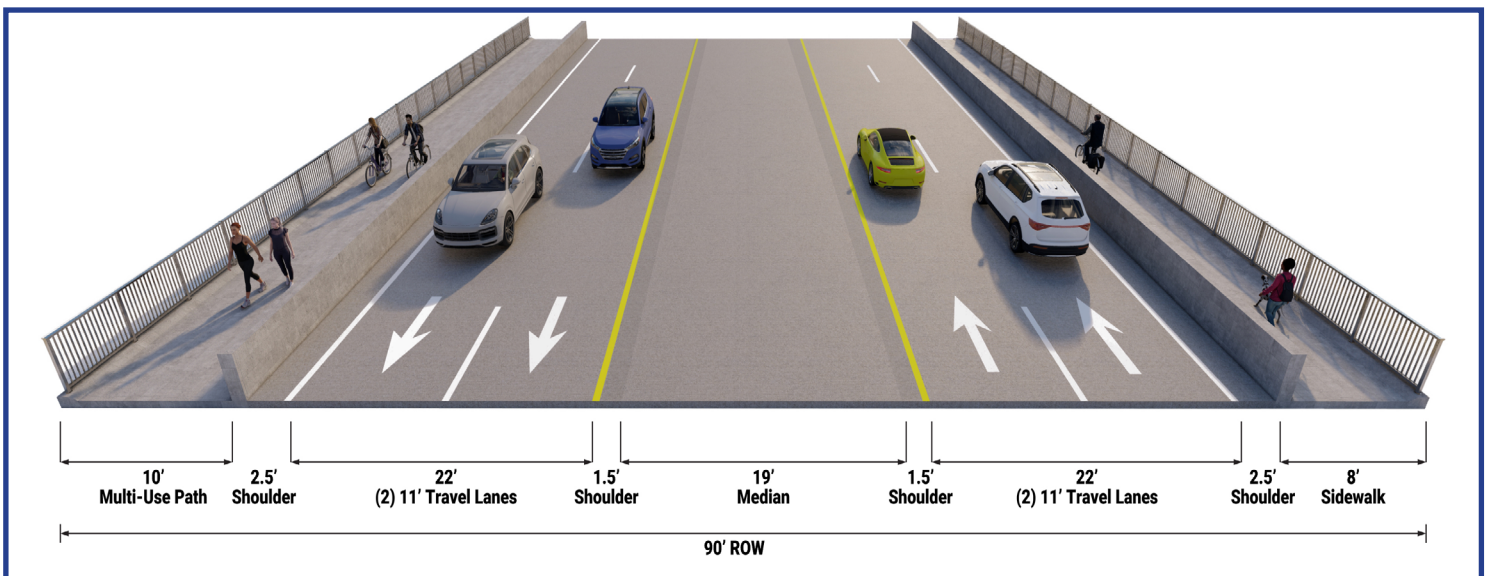
PREFERRED ALTERNATIVE

The preferred alternative for Malabar Road is to widen the roadway from two lanes to four lanes between St. Johns Heritage Parkway to Minton Road. The roadway will have two 11-foot lanes in each direction with a 22-foot raised median except in the vicinity of the United States (U.S.) Post Office and Jupiter Boulevard where it is narrowed to 19.5-foot. Drainage will be accommodated with curb and gutter, inlets, and a combination of roadside swales and stormwater retention ponds. There will be a 10-foot shared use path on the north side and an 8-foot sidewalk on the south side of the roadway. The posted speed limit will be 35 MPH at the western and eastern project limits and 45 MPH from east of Championship Drive to east of the Plaza Shopping Center signal.



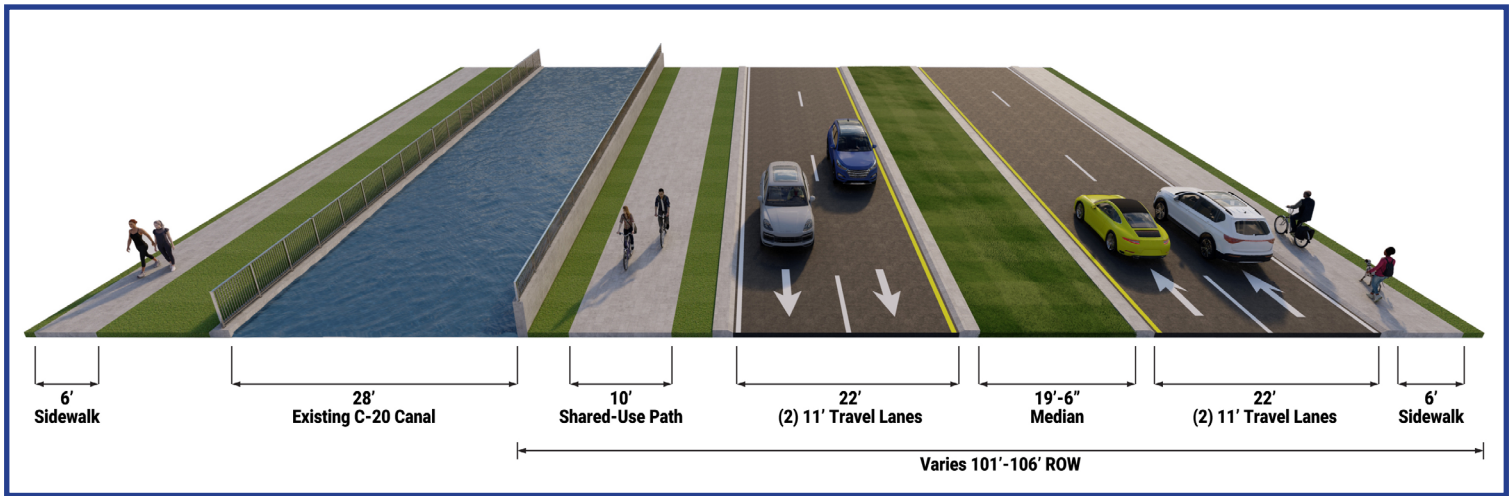
PREFERRED ALTERNATIVE - Canal C-10 Bridge

The bridge over Canal C-10 will be reconstructed to be four 11-foot travel lanes with a 22-foot raised concrete median. The sidewalk and shared-use path will continue across the bridge.



PREFERRED ALTERNATIVE - Canal Relocation

From west of the U.S. Post Office property to east of Jupiter Boulevard, the Canal C-20 is being relocated approximately 15-feet to the north to accommodate the roadway widening and avoid impacts to the U.S. Post Office property. The canal will be 28-feet wide with sheet pile retaining walls on both sides of the canal. A concrete barrier will be constructed between the canal and Malabar road. A concrete barrier will be constructed between the canal and Malabar road.



PREFERRED ALTERNATIVE - Intersections

Locations proposed to remain or become new traffic signals are:

- Jupiter Boulevard
- Garvey Road
- Plaza Shopping Center
- Minton Road

Locations proposed to become roundabouts are:

- St. Johns Heritage Parkway
- Krassner Drive/Bending Branch Lane
- Hurley Boulevard
- Maywood Avenue/Daffodil Drive



EVALUATION MATRIX

Malabar Road PD&E Study Evaluation Matrix

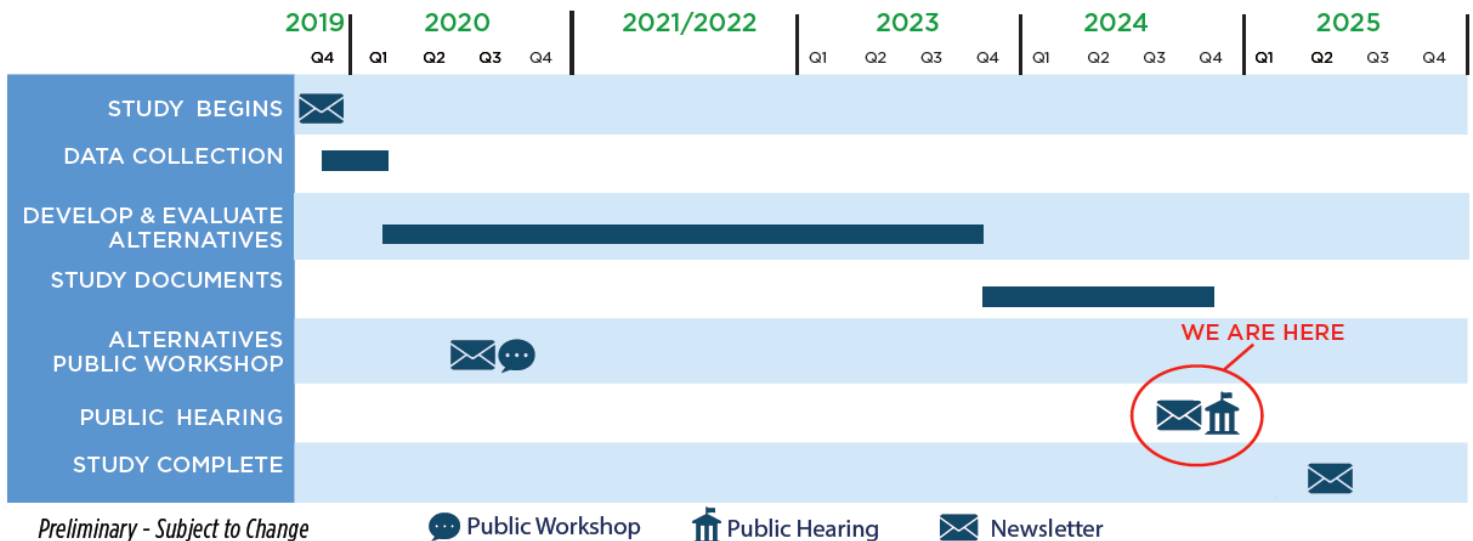
EVALUATION FACTORS	Preferred 4-Lane Widening	No Build
ABILITY TO MEET PURPOSE AND NEED		
Improves Traffic Operations and Accommodates Future Demand	✓	X
Improves Safety and Enhances Emergency Evacuation and Response Times	✓	X
POTENTIAL RIGHT OF WAY IMPACTS		
Relocations (#Business/#Residential/#Other)	0 / 1 / 0	0
Parcels (#Total/#City Owned)	108 / 33	0
Right of Way to be Acquired (acres)	39.0	0
TRAFFIC OPERATIONS		
2050 Roadway Segment Levels of Service (LOS) (#Segments between major intersections/#@LOS E or F) ₂	8 / 1	8 / 8
2050 Major Intersections Levels of Service (LOS) (#Intersections/#@LOS E or F)	8 / 2	8 / 5
POTENTIAL ENVIRONMENTAL EFFECTS		
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 analyzed for Noise Barrier (#)	2	0
Contamination Sites (#Medium/#High Risk)	10 / 0	0 / 0
Utility Agencies/Owners Impacted (#)	8/5	0
ESTIMATED PROJECT COSTS (2023/2024 \$\$)		
Right of Way	\$2,403,800	\$0
Wetland Mitigation	\$660,000	\$0
Design	\$10,000,000	\$0
Utility Relocation	\$9,722,400	\$0
Construction	\$109,995,200	\$0
Construction Engineering and Inspection	\$16,499,000	\$0
Preliminary Estimate of Total Project Cost₁	\$149,280,400	\$0

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

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

Preliminary — Subject to Change

PROJECT SCHEDULE



PROJECT CONTACT

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PARA INFORMACION EN ESPAÑOL

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 Teléfono: (407) 373-1121

YOU MAY SHARE YOUR COMMENTS ABOUT THE PROJECT IN SEVERAL WAYS:

COURT REPORTER

Provide verbal comments directly to the court reporter at the in-person public hearing.

VERBAL COMMENT

Complete an in-person speaker card and return to project staff, or type your comment request into the Questions Box in GoToWebinar to provide verbal comment during the hearing.

WRITTEN COMMENT

Complete a comment form and place it in the comment box at the meeting or mail to John Freeman, P.E., Consultant Project Manager, 225 East Robinson Street, Suite 355, Orlando, FL 32801.

EMAIL

Email comments to the Consultant Project Manger, John Freeman, P.E., at JFreeman@Kittelson.com.

VISIT THE PROJECT WEBSITE

Submit your comments through the project website www.palmbayflorida.org/MalabarPDE.

All comments submitted or spoken at the hearing, emailed, or postmarked by November 25, 2024 carry equal weight and will become part of the official public hearing record.

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated May 26, 2022 and executed by FHWA and FDOT.

The City of Palm Bay solicits public participation without regard to race, color, national origin, age, sex, religion, disability, or family status. People who require special accommodations under the Americans with Disabilities Act or who require translation services (free of charge) should contact Laura Clawson, Palm Bay ADA Coordinator, at (321) 952-3421, or e-mail at LauraClawson@PalmBayFlorida.org.