



WEST WARREN AVENUE  
**Complete Streets Study**

**Public Workshop #2**

November 16, 2021



# Presentation Overview

- Project Location
- Complete Streets Study Process Overview
- Public Feedback
- Guiding Principles
- Alternatives & Improvement Strategies
- Alternatives Assessment
- Measures of Success
- Project Schedule
- How You Can Get Involved



# Title VI

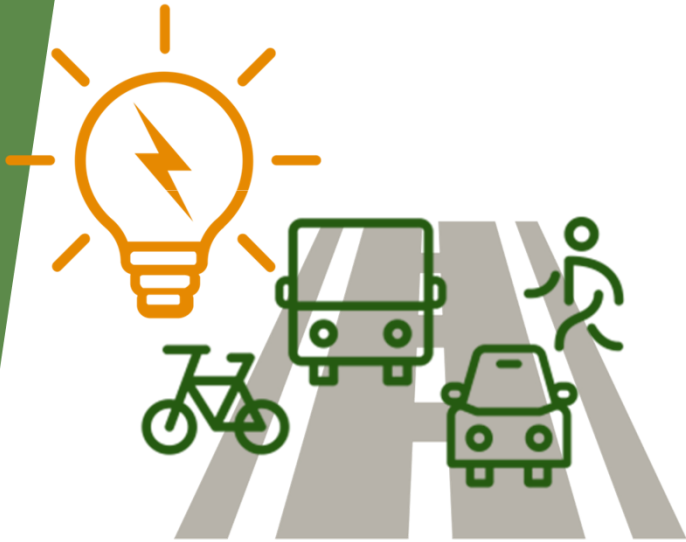
It is the policy of the City of Longwood to ensure compliance with Title VI of the Civil Rights Act of 1964 and all related statutes or regulations in all programs and activities. The City of Longwood does not tolerate discrimination in any of its programs, services or activities. Thus, the City of Longwood will not exclude from participation in, deny the benefits of, or subject to discrimination anyone on the grounds of race, color, national origin, sex, age, disability, religion, income or family status.

**Magdala Ridore**  
Human Resources Director  
175 West Warren Avenue  
Longwood, FL 32750  
Phone: 407-260-3466  
Email: [mridore@longwoodfl.org](mailto:mridore@longwoodfl.org)



# Project Location

- West Warren Avenue
- From State Road 434 to South Milwee Street
- Length: 0.635 mile

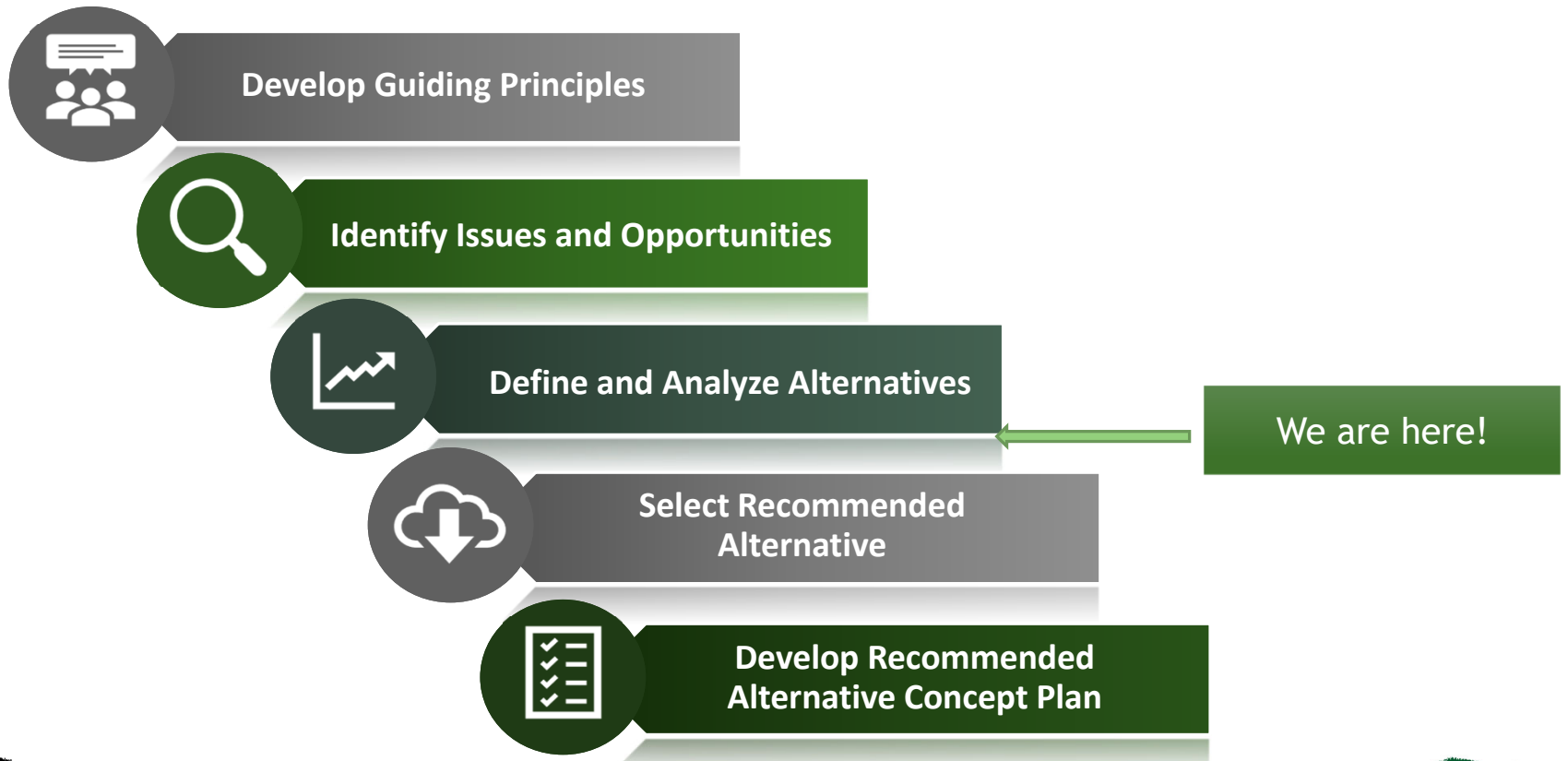


## Project Goal

- Our goal is to help re-imagine West Warren Avenue as a multi-modal corridor that functions as a gateway to our Historic District and helps further support the development of our Heritage Village.



# Complete Street Study Process



Local Agency Coordination, Stakeholder and Public Outreach



# Public Workshop #1 Feedback

- Meeting held May 4, 2021
- Comments:
  - Concerns for traffic volumes generated by new Alta Apartments
  - Support for ped/bike facilities for the corridor
  - Request for transit accommodations
  - Desire for traffic speed control



# Guiding Principles for West Warren Avenue

Improve access and connectivity along the corridor

Invest in aesthetic and functional transportation improvements

Support the City of Longwood's other livability goals



# Improvement Strategies

Developed two alternatives that use the following improvement strategies:

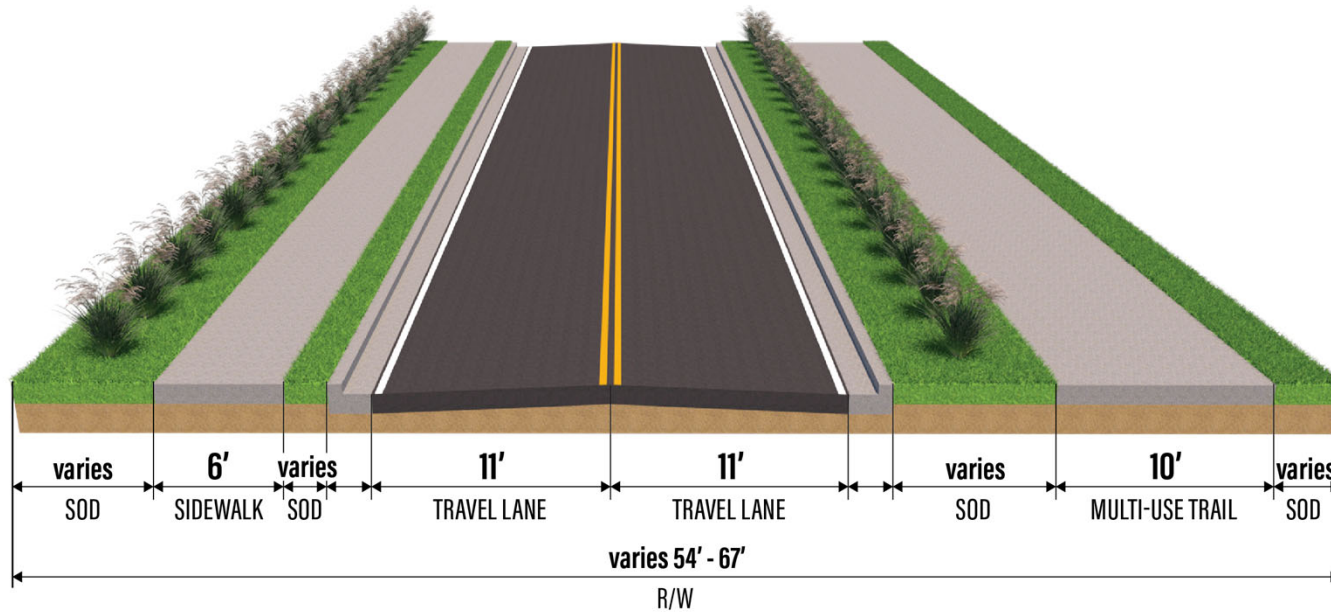
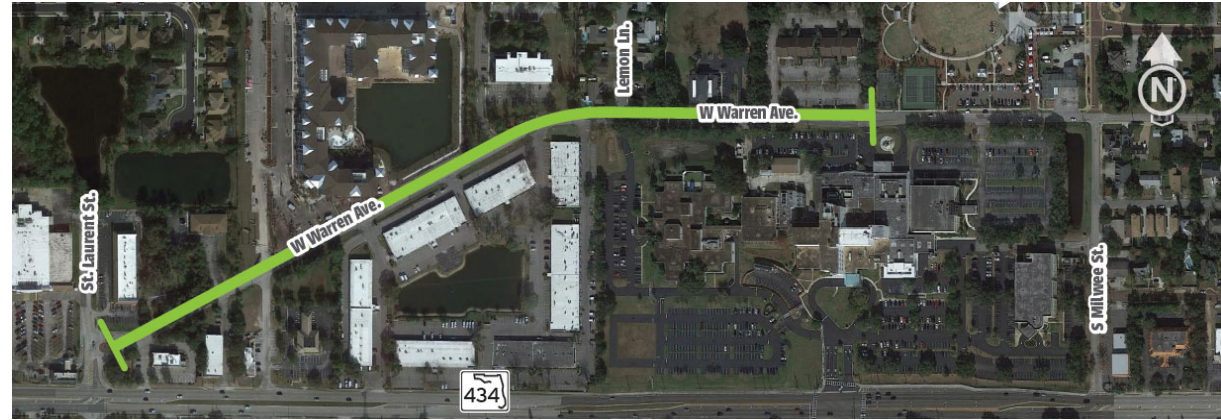
- Speed Management
- Additional On Street Parking
- Sidewalk and Drainage Improvements
- St Laurent Street Intersection Improvements
- Aesthetic Improvements





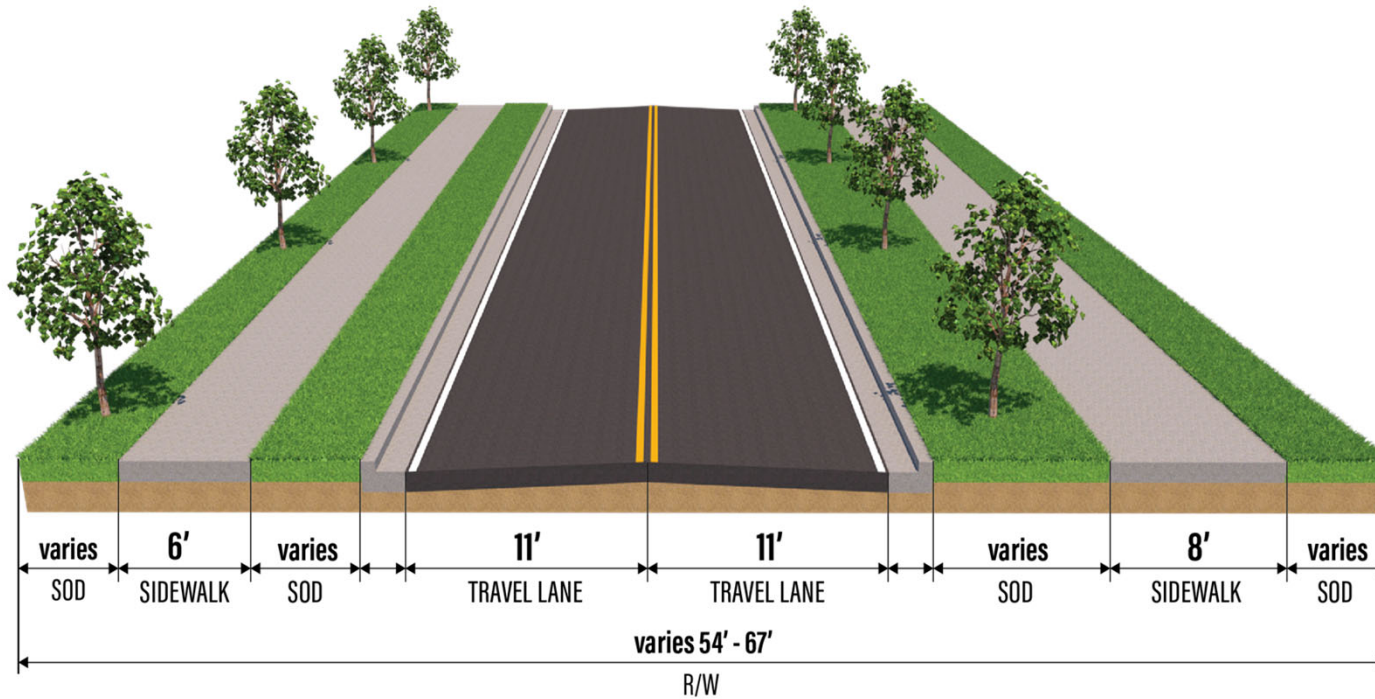
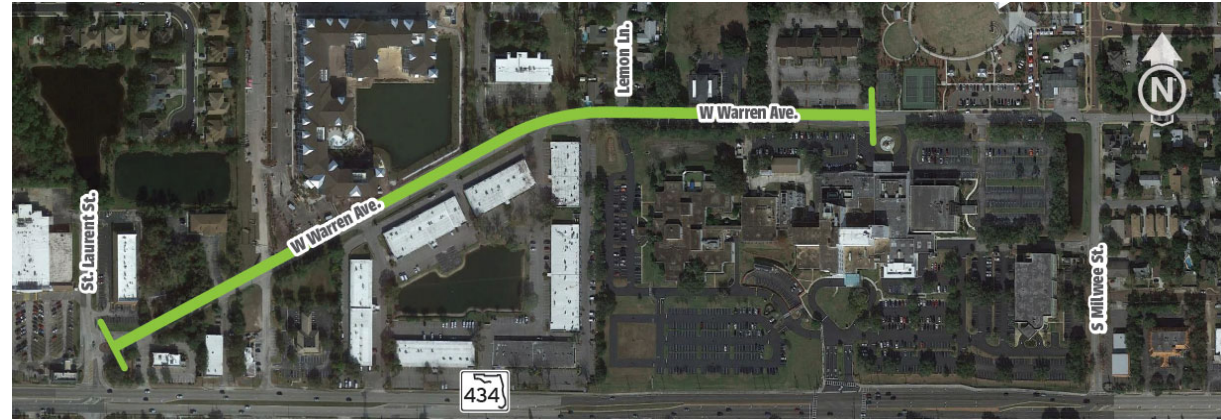
# Alternative 1

- 6' sidewalk on north side
- 10' multi-use path on south side with landscaped buffer from roadway



# Alternative 2

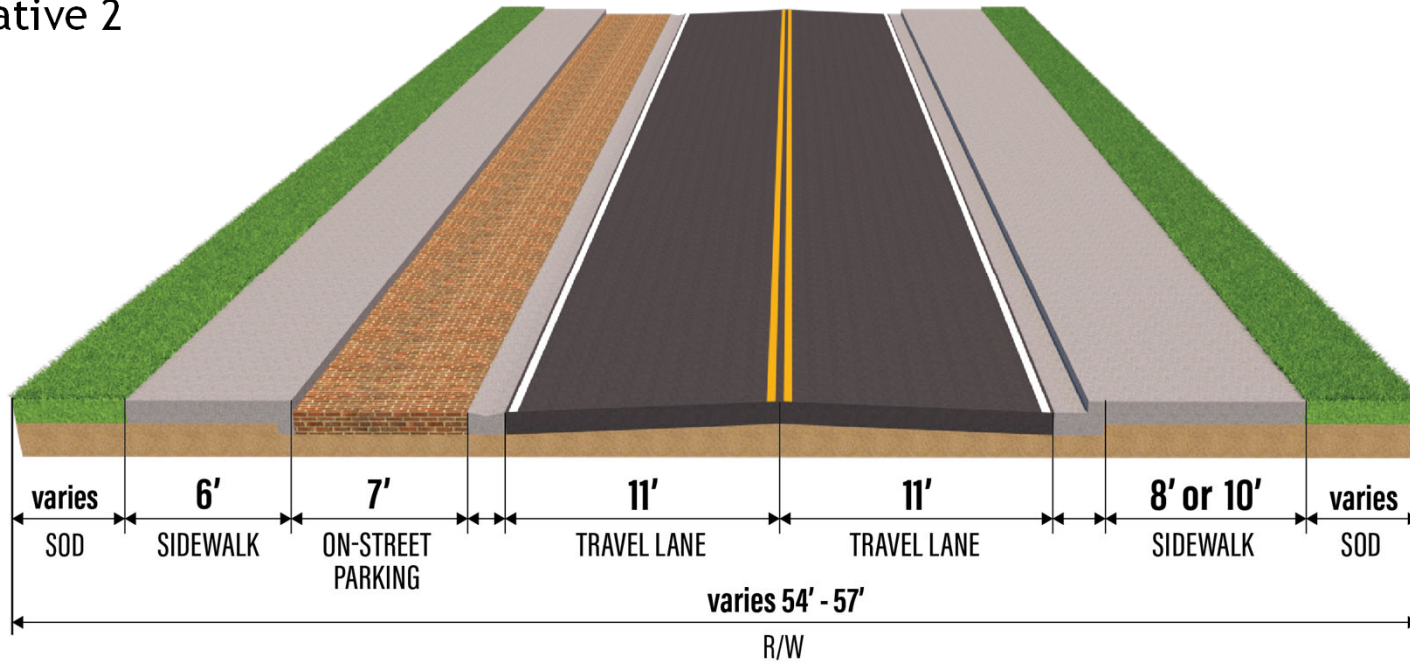
- 6' sidewalk on north side
- 8' multi-use path on south side with landscaped buffer from roadway





# On Street Parking Segment

- 6' sidewalk on north side
- 10' multi-use path on south side for Alternative 1
- 8' sidewalk on south side for Alternative 2





# St. Laurent Street Intersection Improvements

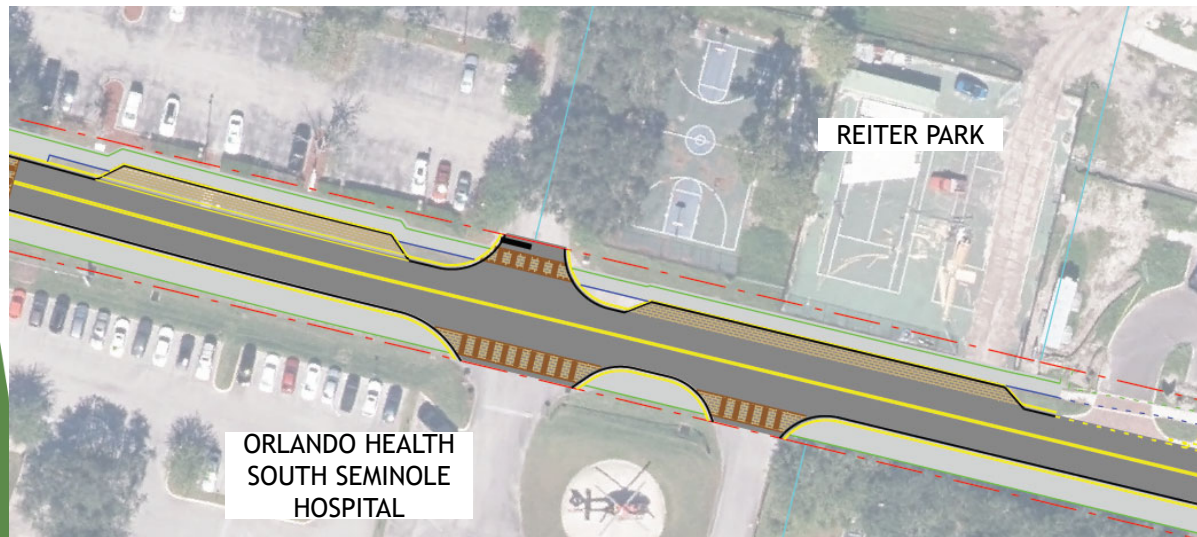
- Maintain recently improved intersection configuration
- Shift crosswalk in front of stop bar
- Repurpose paved area with landscaping (stormwater treatment opportunity)
- Potential modification of entrance to Chase Bank drive-thru lane





# Improvement Strategies

- **Additional On-Street Parking** - Provides improved access to Reiter Park, Orlando Health South Seminole Hospital, and other nearby businesses



# Improvement Strategies

- **Speed Management**
  - Intentional curvature of roadway
  - Raised crosswalks





# Improvement Strategies

- Sidewalk Improvements
  - New wide sidewalk on south side of Warren Avenue
  - Wider sidewalk along north side of Warren Avenue



# Improvement Strategies

- **Drainage Improvements**
  - Curb and gutter provided throughout project to direct stormwater runoff to treatment areas
  - Rain garden in southeast corner of Warren Avenue and St. Laurent Street intersection





# Improvement Strategies

- **Aesthetic Improvements**
  - Incorporate public art or murals on the back of commercial buildings



# Alternatives Analysis

## Community Impacts

- **Right of Way**
  - No impacts anticipated for both alternatives
- **Cultural Resources**
  - Designated low potential for both alternatives
- **Social Resources**
  - No impacts anticipated for both alternatives





# Alternatives Analysis

## Environmental Impacts

- **Wetlands and Surface Waters**
  - No wetlands or surface waters located in the study area
  - No impacts for both alternatives
- **Threatened and Endangered Species**
  - Designated low potential for both alternatives
- **Contamination**
  - 22 sites identified within the study area
  - 21 sites anticipated to have no effect for both alternatives
  - 1 site will require further analysis to determine potential for impacts and mitigation needs for both alternatives



# Alternatives Analysis

## Estimated Project Cost

**Alternative 1**     **\$4,363,837.81**














**Alternative 2**     **\$4,272,788.18**





# Measures of Success



 <b>Alternative 1</b>	 <b>Guiding Principles</b>	 <b>Alternative 2</b>
<ul style="list-style-type: none"> <li> New sidewalks / Multi use path</li> <li> New on-street parking spaces near Reiter Park</li> </ul>	<p>Improve access and connectivity along the corridor</p>	<ul style="list-style-type: none"> <li> New sidewalks</li> <li> New on-street parking spaces near Reiter Park</li> </ul>
<ul style="list-style-type: none"> <li> Provides landscaping</li> <li> Intersection improvements at Milwee Street and St Laurent Street</li> </ul>	<p>Invest in aesthetic and functional transportation improvements</p>	<ul style="list-style-type: none"> <li> Increased landscaping and sidewalk shading</li> <li> Intersection improvements at Milwee Street and St Laurent Street</li> </ul>
<ul style="list-style-type: none"> <li> Improved pedestrian and bicycle connections at ends of study area</li> </ul>	<p>Support the city of Longwood's other livability goals</p>	<ul style="list-style-type: none"> <li> Improved pedestrian and bicycle connections to edges of study area</li> </ul>

# Project Schedule



**Existing Conditions Assessment  
Complete**

Public Workshop #1 - held May 4, 2021



**Define and Select Alternatives  
June 2021 - December 2021**

Public Workshop #2 - November 16, 2021  
City Commission Meeting #1 - Dec 6, 2021



**Corridor Plan and Concept  
December 2021 - June 2022**

City Commission Meeting #2 - Anticipate  
late March 2022



# THANK YOU

## Contact Information:

**Shad Smith, P.E.**

Project Manager

Phone: 407-260-3447

[westwarren@longwoodfl.org](mailto:westwarren@longwoodfl.org)



**Amy Sirmans, P.E.**

Consultant Project Manager

Phone: 407-641-0688

[asirmans@vhb.com](mailto:asirmans@vhb.com)

