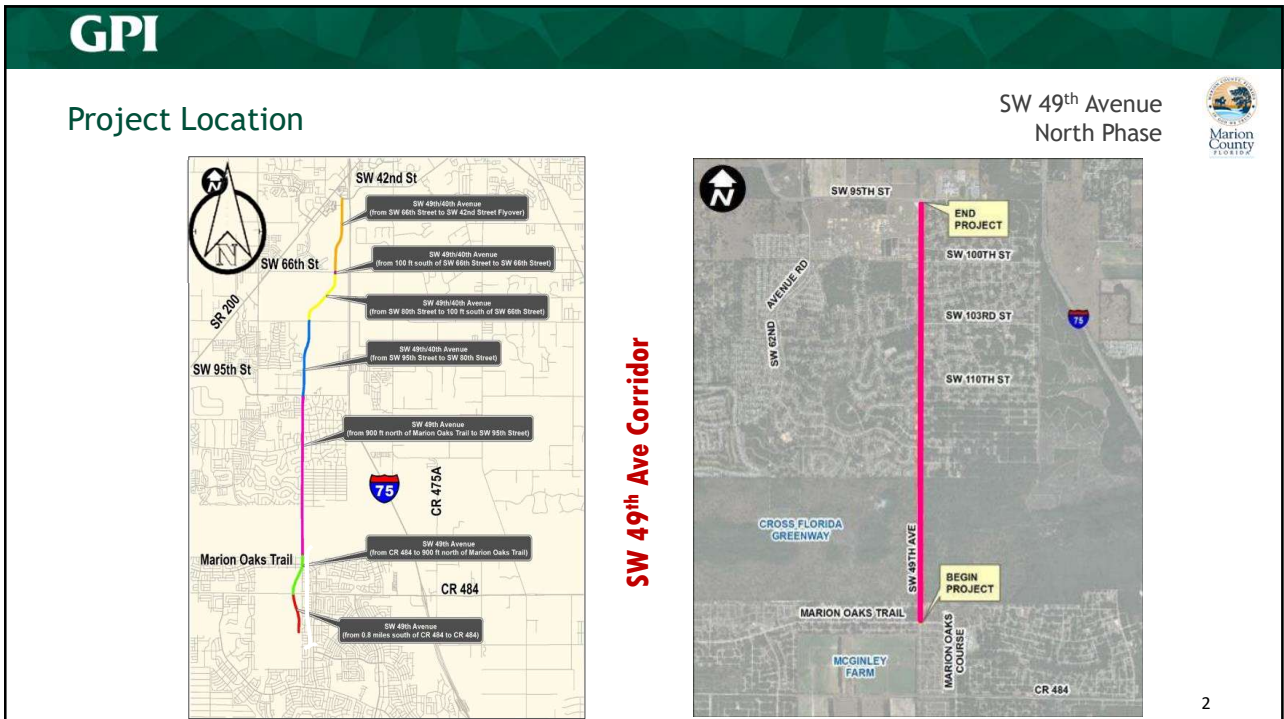


## SW 49th Avenue - North Phase

BCC Workshop  
 Date: June 22, 2021



Preliminary Engineering Report Process

SW 49<sup>th</sup> Avenue  
North Phase



The goal:  
*To prepare an environmental and engineering study of alternative typical sections to accommodate the future needs of the motorists, pedestrians and bicyclists along the SW 49<sup>th</sup> Avenue Corridor.*

- Planning
- **Preliminary Engineering Report (PER)**
- Design
- Right of Way (ROW) Acquisition
- Construction
- Maintenance of Facility



Preliminary Engineering Report Study

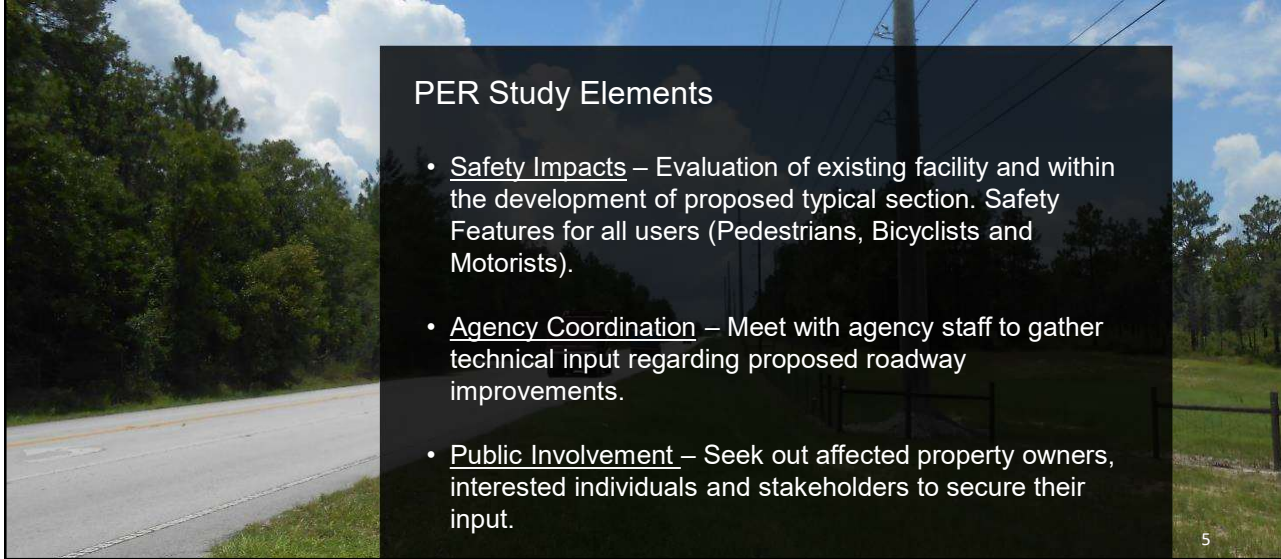
SW 49<sup>th</sup> Avenue  
North Phase



PER Study Elements

- Data Collection – Collect data and information
- Preliminary Engineering – Develop alternatives and determine impacts to ROW, utilities and evaluation of cost.
- Environmental – Assess and evaluate all social, cultural, natural and physical resources, and determine the impacts and mitigation requirements.
- Long Range Planning: Consistent with Ocala/Marion County TPO's Long Range Transportation Plan.

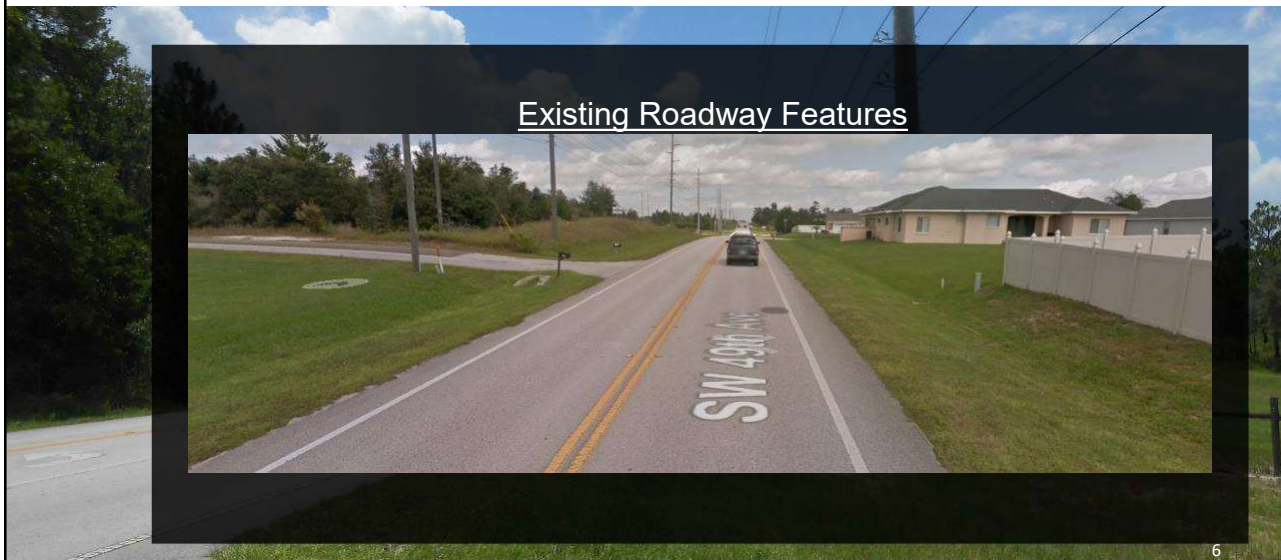





**PER Study Elements**

- Safety Impacts – Evaluation of existing facility and within the development of proposed typical section. Safety Features for all users (Pedestrians, Bicyclists and Motorists).
- Agency Coordination – Meet with agency staff to gather technical input regarding proposed roadway improvements.
- Public Involvement – Seek out affected property owners, interested individuals and stakeholders to secure their input.

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**Existing Roadway Features**



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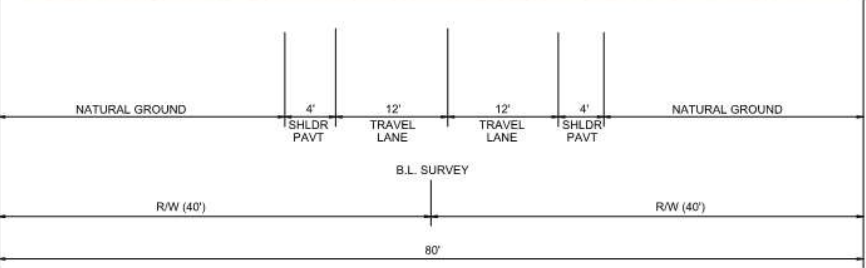

**GPI**

Preliminary Engineering Report Study

SW 49th Avenue North Phase

Marion County Florida

Existing Typical Section Features



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**GPI**

Project Purpose & Need

SW 49th Avenue North Phase

Marion County Florida

- Increase Capacity for Motorists
- Projected Traffic Volumes
  - Opening Year Daily Traffic: 15,200 to 15,800 AADT
  - Design Year Daily Traffic: 25,400 to 30,700 AADT
  - Existing Posted Speed = 30 - 45 mph
  - Future Design Speed = 45 mph
- Improved Safety and Mobility
- Provide Pedestrian and Bicycle Facilities
- Augment the North-South Corridor West of I-75
- Provide Public Workshop

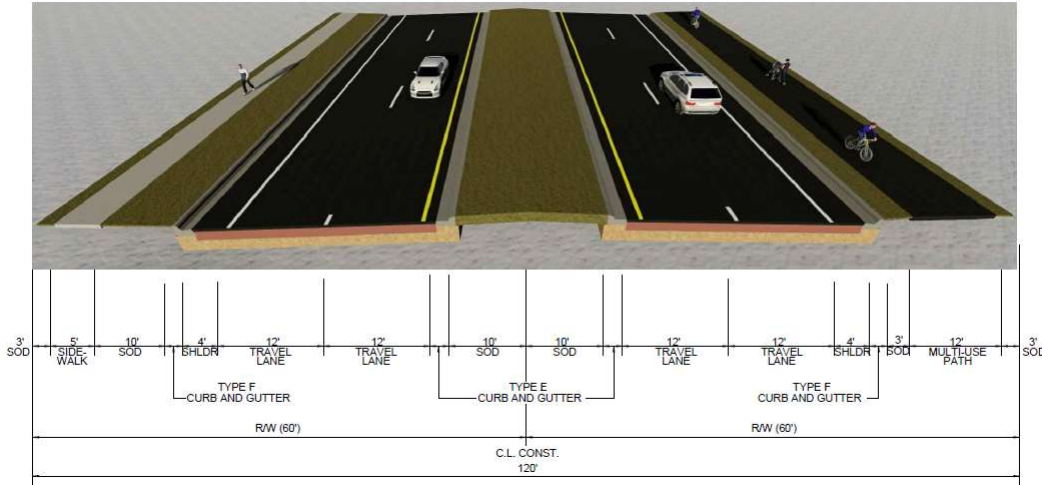


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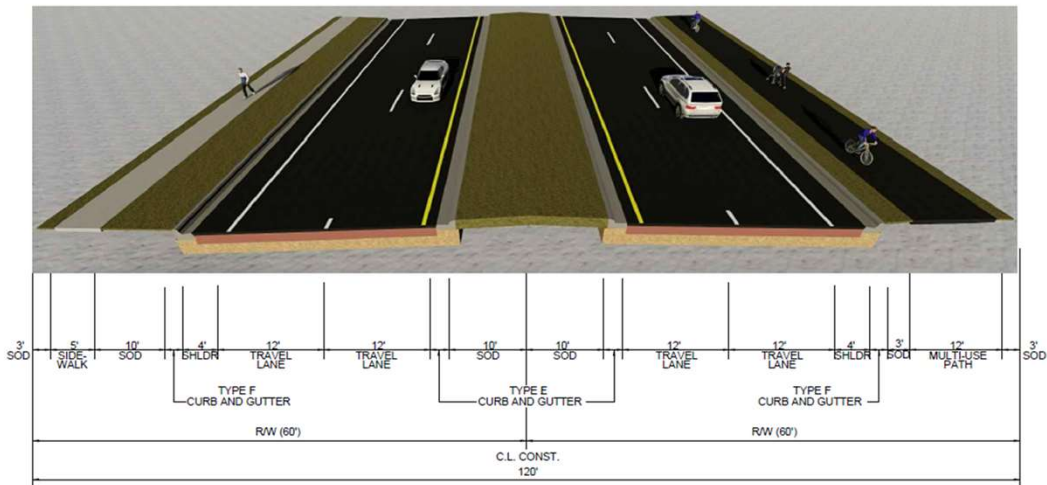
### Build Typical Section A - Existing Alignment

SW 49th Avenue  
North Phase



### Build Typical Section B - Roadway Realignment (shift to the east)

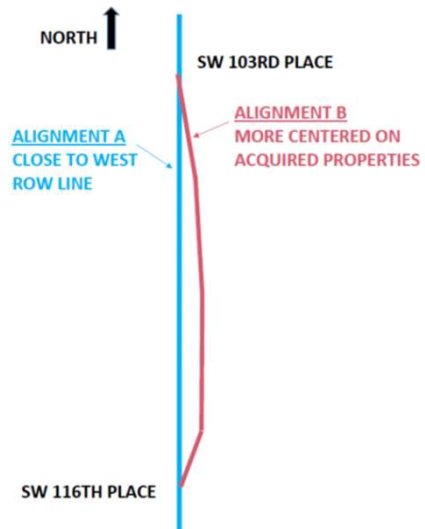
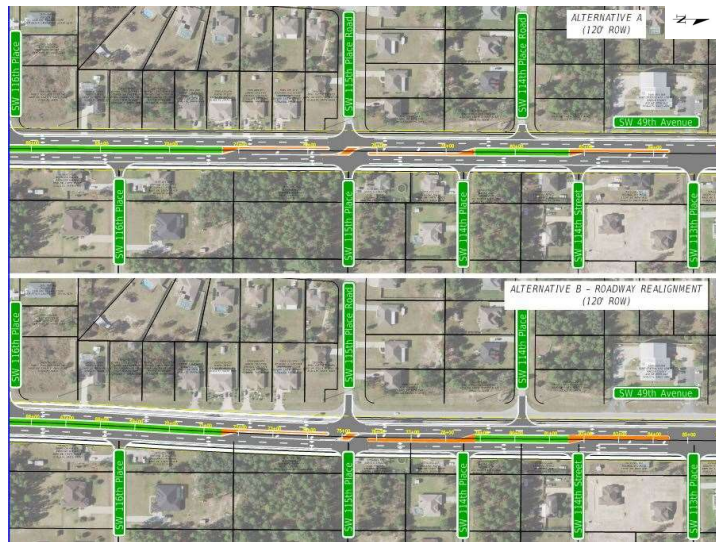
SW 49th Avenue  
North Phase





### Alignment Alternatives

SW 49th Avenue  
 North Phase



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### Proposed Prefabricated Bridge Section

SW 49th Avenue  
North Phase

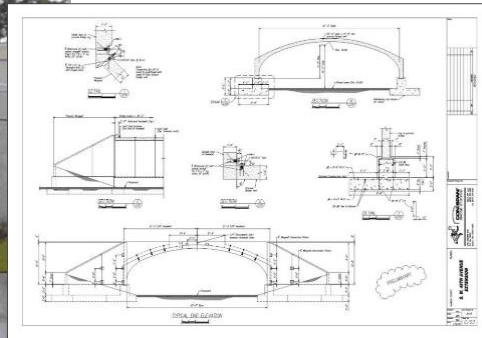


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**GPI**

### Potential Wildlife Corridor For Cross Florida Greenways

SW 49th Avenue  
North Phase



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## Potential DRA Locations

SW 49th Avenue  
North Phase



Preliminary Engineering Pond Siting Report

Eight (8) Potential DRA (Drainage Retention Area) Locations

Typically Adjacent to Existing DRAs

## Public Involvement Process

SW 49th Avenue  
North Phase



1. Goals and Objectives
  - Engagement, participation, communicate, informational
2. Key Stakeholder Groups
  - Residents, businesses, agencies and interest groups
3. Outreach and Communications
  - Notices, social media, traditional media, speakers and meetings
  - Notifications will be sent to owners within 300-ft of Potential Construction (includes Ponds)
4. Public Input
  - Document input and address all comments/feedback in detail
5. Activities
  - Focus on direct participation from stakeholders.
  - Interactive meetings to promote value added discussion



GPI

## Public Involvement

**STEPS:**

- Website/Newspaper Ad
- 14-days advance notice
- Comment Cards
- Presentation
- Open House with Boards
- Included in PER Appendix

SW 49<sup>th</sup> Avenue  
 North Phase

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## Project Tasks & Public Involvement

<u>Task</u>	<u>Timeline</u>
BCC Workshop	June 22, 2021
Community Meeting	July 28, 2021
Preliminary Engineering Report (PER) - Final	Fall, 2021
Design Phase	2022
Right-of-Way Phase	2023
Construction	2024 (approx. 12 - 15 months)

SW 49<sup>th</sup> Avenue  
 North Phase

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## Public Involvement - Feedback

SW 49<sup>th</sup> Avenue  
North Phase



Please provide your Feedback:

Complete a comment Card and place in the comment box, email or mail by August 18, 2021.

Review the Display boards, Project Team members are available to discuss individual comments.

Contact Information:

Caitlyn Hemmes, PE  
Consultant Project Manager  
Greenman-Pedersen, Inc.  
(850) 297-2937  
[chemmes@gpinet.com](mailto:chemmes@gpinet.com)

Mailing Address For Public Comments:

Greenman-Pedersen, Inc.  
Attn: Caitlyn Hemmes, 49<sup>th</sup> Ave PER  
3051 E. Livingston Street, Suite 300  
Orlando, FL 32803

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Thank you.

