

AGENDA

- 1. Introduction
- 2. Preliminary Design
- 3. Alternate Alignments
- 4. Typical Sections
- 5. Pond Siting & Drainage
- 6. Recommended Alternative
- 7. Timeline
- 8. Question and Answer

Goals and Objectives

- 1. Inform, Receive Guidance
- 2. Meet Eminent Domain Requirements

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INTRODUCTION

Goals and Objectives

- 1. Inform, Receive Guidance
- 2. Meet Eminent Domain Requirements

EMINENT DOMAIN

- 1. Public Purpose
- 2. Necessity
- 3. Available Alternatives Considered
- 4. Environmental Concerns
- 5. Part of Long-Range Plan
- 6. Cost
- 7. Safety

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INTRODUCTION

Location & Description

- 1. Major Westerly N/S Corridor
- 2. SW 90^{TH} ST 0.5-mile N of US 27
- 3. +10.5 Miles
- 4. Active Development
- 5. Future Connectivity
- 6. Phased Design/Construction



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INTRODUCTION

Purpose and Need – Why?

Growth & Development

➤ Population Increase

>OTOW, Pulte, WEC, Future Potential

Need for Additional Capacity

> 14,600 to 37,500 AADT

Need to Improve Safety & Traffic Flow

> Access Management & Design

Transportation Planning (TIP/TPO)

▶Identified

Purpose and Need

Growth & Development

- **Population Increase**
- >OTOW, Pulte, WEC, Future Potential

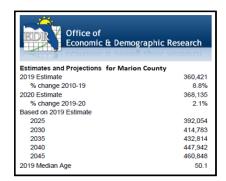
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➤ 14,600 to 37,500 AADT

7 14,000 to 37,300 AADT

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Purpose and Need

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Purpose and Need

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TPO TRANSPORTATION PLANNING ORGANIZATION					
(TRA IM	RION COUNTY 5-YEAR INSPORTATION IPROVEMENT PROGRAM			
		1	PE		
G10	SW 49th Ave - South (S128806)	New 4 Lane Divided 1.38 mi	DES	_	
	(Segments A, E) From: 0.7 mile south of Hey 484	1.38 mi	ROW-A	ST	
	To: Marion Oaks Trail		CST	ST	
C11		A4421 anns		01	
C11	CR 484 (S128864)	Add 2 Lanes	PE	- 01	
C11	CR 484 (S128864) From: Marion Oaks Pass	1.5 mi	PE DES	01	
G11	CR 484 (S128864)		PE DES ROW-A		
	CR 484 (\$128864) From: Marion Oaks Pass To: Marion Oaks Course	1.5 mi 7,000 VTPD	PE DES ROW-A CST	ST	
	CR 484 (\$12884) From: Marion Oaks Pass To: Marion Oaks Course Florida Grossroads Commerce Park Rd	1.5 mi 7,000 VTPD New 2 Lane Road	PE DES ROW-A CST PE		
	CR 484 (\$12884) From: Marion Oaks Pass To: Marion Oaks Course Florida Crossroads Commerce Park Rd From: Southerly Terminus	1.5 mi 7,000 VTPD	PE DES ROW-A CST PE DES		
	CR 484 (\$12884) From: Marion Oaks Pass To: Marion Oaks Course Florida Grossroads Commerce Park Rd	1.5 mi 7,000 VTPD New 2 Lane Road	PE DES ROW-A CST PE		
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C12	CR 484 (\$12884) From: Marion Oaks Pass To: Marion Oaks Course Florida Crossroads Commerce Park Rd From: Southerly Terminus	1.5 mi 7,000 VTPD New 2 Lane Road 1.1 mi	PE DES ROW-A CST PE DES ROW-A CST PE	ST	
C12	CR 484 (S12884) From: Marion Oaks Pass To: Marion Oaks Course Florida Crossroads Commerce Park Rd From: Southerly Terminus To Hay 454 W 80th Ave From: South Ave From: South Ave	1.5 mi 7,000 VTPD New 2 Lane Road 1.1 mi	PE DES ROW-A CST PE DES ROW-A CST PE DES	ST TM GT	
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C12	CK 484 (\$12884) From: Marion Oaks Pass To: Marion Oaks Course Florida Grossroads Commerce Park Rd From: Southerly Terminus To Hay 454 W 80th Ave From: SW 90th 6t To: 1/2 mi N of SW 38th St	1.5 mi 7,000 VTPD New 2 Lane Road 1.1 mi Add 2 Lanes 4.5 mi	PE DES ROW-A CST PE DES ROW-A CST PE DES DES DES DES CST	ST TM GT GT2	
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C12	CR 484 (\$12884) From: Marior Oaks Pass To: Marior Oaks Course Florida Crossroads Commerce Park Rd From: Southerly Terminus To Hey 464 WW 80th Ave (South OTOW Segment) From: SW 90th St Too: 12 min N of SW 38th St SW 80th Ave (South OTOW Segment) From: SW 90th St Too: SW 90th St Too: SW 90th St Too: SW 90th St Too: SW 90th St NW 80th/St NW 80th/St	1.5 mi 7,000 VTPD New 2 Lane Road 1.1 ml Add 2 Lanes 4.5 ml Add 2 Lanes 0.82 ml	PE DES ROW-A CST PE DES ROW-A CST PE DES DES DES DES DES CST PE DES	ST TM GT GT2 TM	

AGENDA

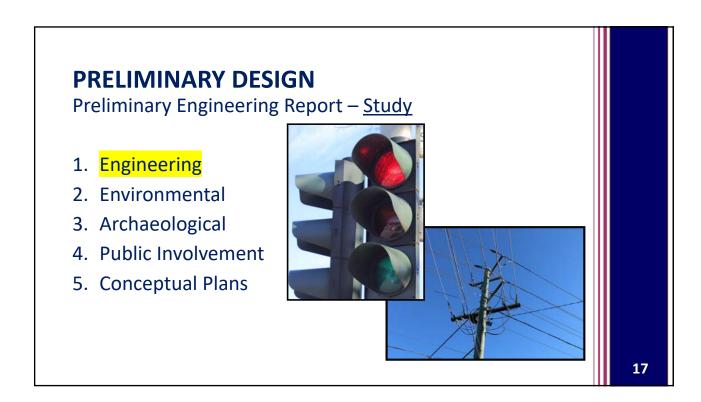
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PRELIMINARY DESIGN

Preliminary Engineering Report – <u>Study</u>

- 1. Engineering
- 2. Environmental
- 3. Archaeological
- 4. Public Involvement
- 5. Conceptual Plans



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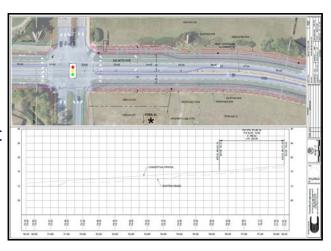


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ALTERNATIVE ALIGNMENTS

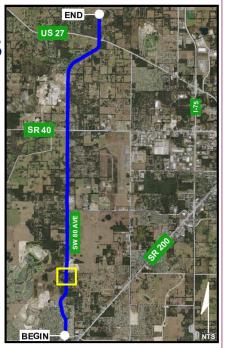
Highlights

- 1. Two Primary Alternatives
 - 1. Alternate "A" (Recommended)
 - 2. Alternate "B"
- 2. Other Considerations



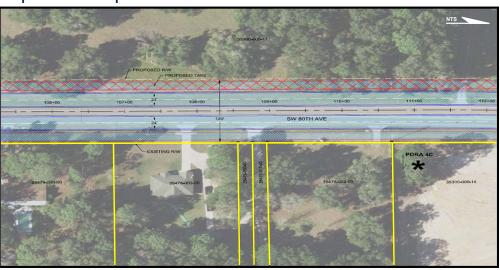
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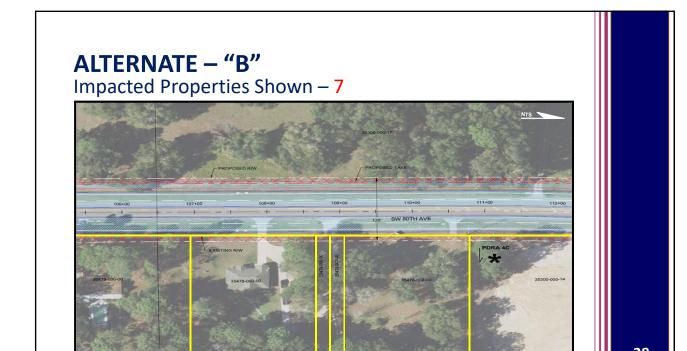
ALTERNATE - "A" (Recommended) Impacted Properties Shown – 1



Highlights

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Summary Comparison Table

Area of Study	Impact Potential	Alternate A	Alternate B
	Existing Drainage & Flood Plain	Moderate	Moderate
Engineering	Existing Water & Sewer	Moderate	Moderate
	Existing Electric & Others	Moderate	Moderate
	Wetlands	Low	Low
Environmental	Listed Species	Low	Low
	Contamination	Low	Low
Cultural	Historical Resources	Low	Moderate
Cultural	Archeological Sites	Low	Low
	No. of Parcels	+/- 70	+- 172
Door and a local and	No. of Structures	+/- 13	+/- 20
Property Impacts	Existing Private Improvements	Low	High
	Consistent w/Agreements	Yes	No

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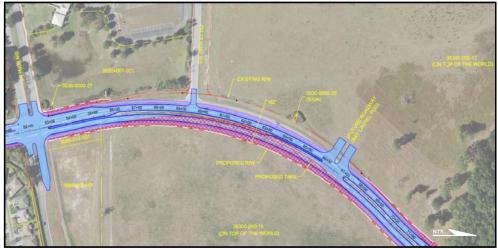
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Other Considerations – Westport H.S.



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ALTERNATIVE ALIGNMENTS

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Other Considerations – Parallel Access



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ALTERNATIVE ALIGNMENTS

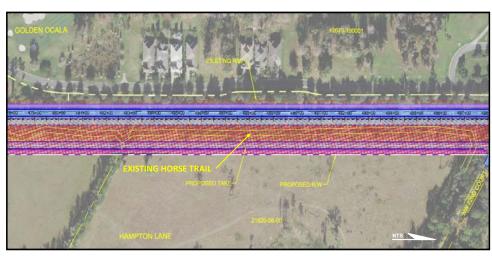
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Other Considerations - Wooded Boulevard



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- 2. Background
- 3. Alternate Alignments
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Existing Section

1. Existing +/-60' ROW – Limited

Two Primary

- 1. Major Typical Section #1 120' ROW- Dual Multiuse
- 2. Major Typical Section #2 120' ROW- Multiuse & Sidewalk

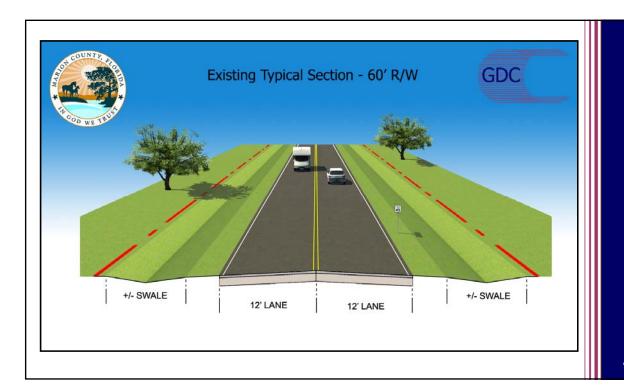
Special Cases

- 1) Minor Typical Section #1 100' ROW with Easement
- 2) Minor Typical Section #2 124' ROW
- 3) Minor Typical Section #10 ROW Varies- Intersections of SR 40 & US 27

Alternatives Considered

- 1) Minor Typical Section #3 120' ROW with Impacts
- 2) Minor Typical Section #8 120' ROW with Wall

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Existing Section

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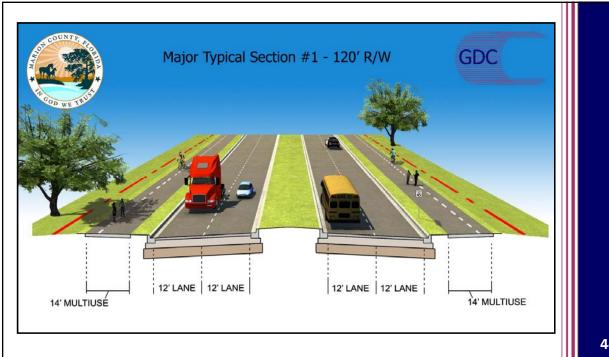
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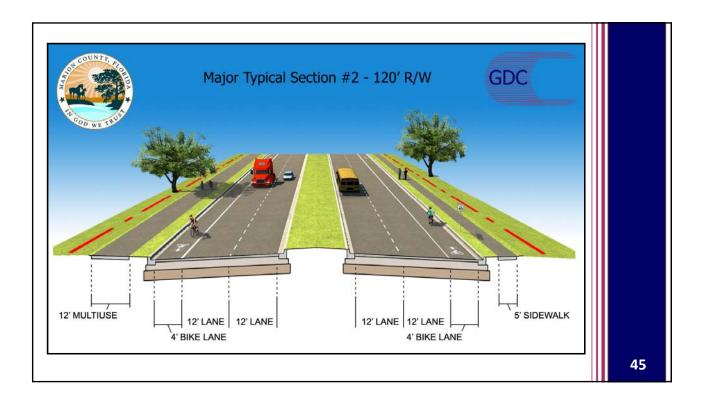
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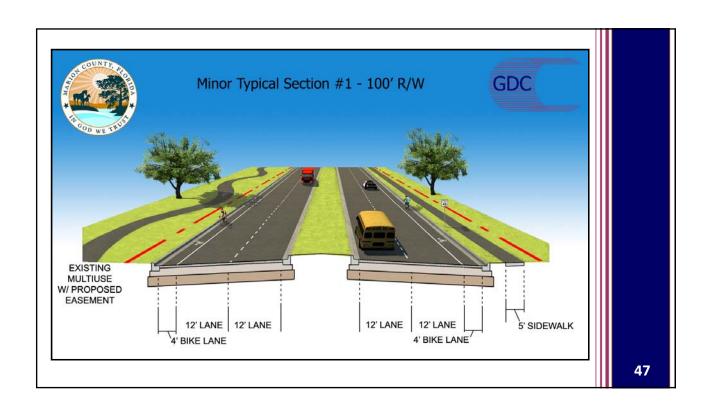
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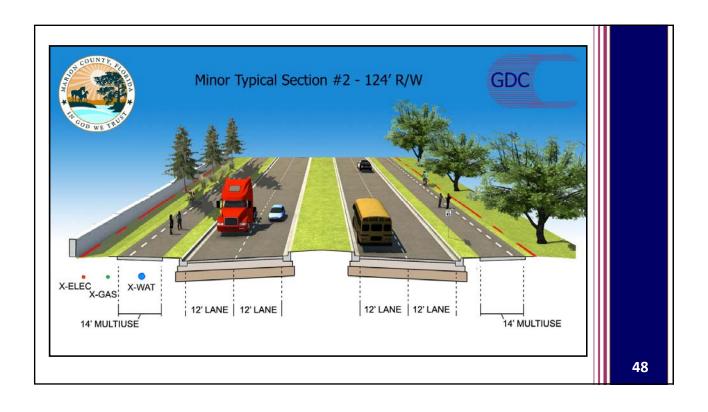
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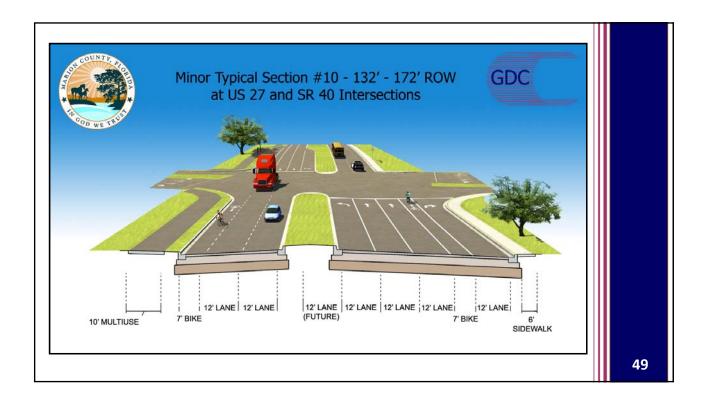
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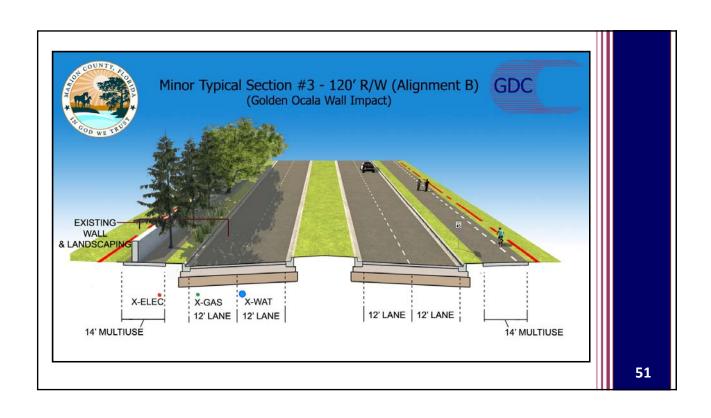
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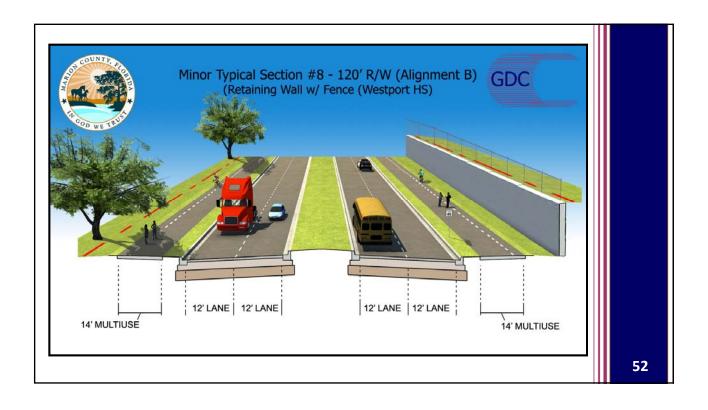
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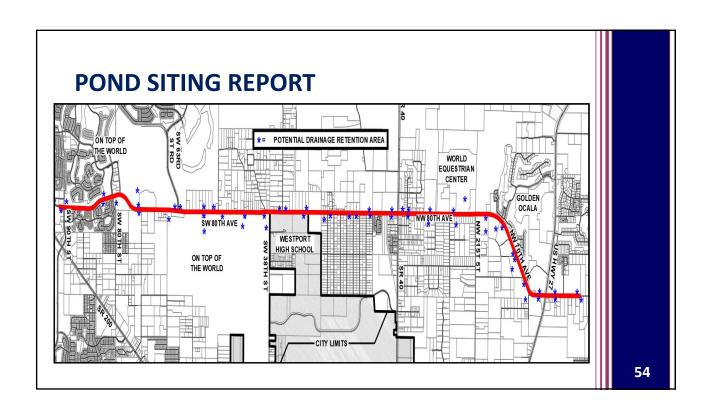
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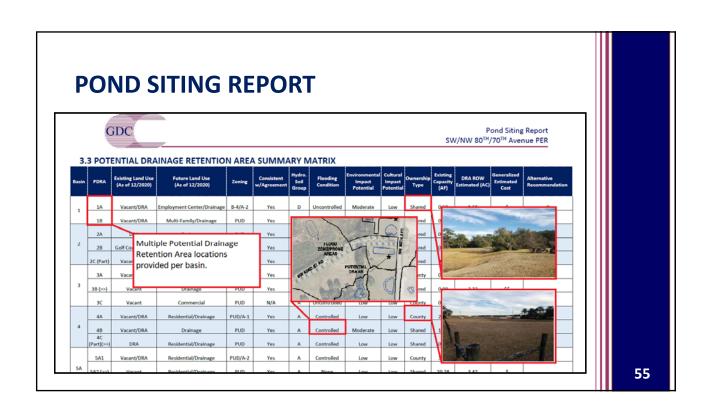




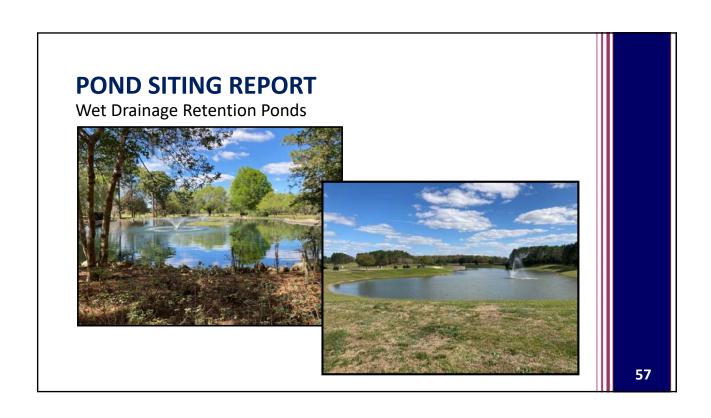
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RECOMMENDED ALTERNATIVE

Alternate "A"

- 1. Minimizes Parcel and Structure Impacts
- 2. Enhanced Safety for Pedestrian and Bicycle users
- 3. Appropriate Typical Section
- 4. Consistent with Current Agreements
- 5. Lower Cost
- 6. Meets Project's Goals and Objectives

Alternate "A"

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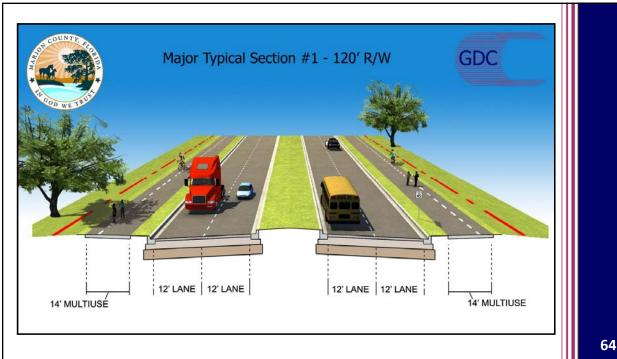
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