

# **STATE ROAD 226 / 24A (SE 16<sup>TH</sup> AVENUE)**

**FROM: STATE ROAD 329 / MAIN STREET**

**TO: STATE ROAD 331 / WILLISTON ROAD**

**ALACHUA COUNTY**

**PROJECT DEVELOPMENT  
AND  
ENVIRONMENT STUDY  
PRESENTATION TO**

**METROPOLITAN  
TRANSPORTATION PLANNING  
ORGANIZATION**

FINANCIAL PROJECT ID:423608-2

DECEMBER 13, 2010

# Project Location





# LOCAL PLANS

**THE METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION FOR THE GAINESVILLE URBANIZED AREA, MTPO, HAS INCLUDED THIS PROJECT IN:**

- 1) THIS PROJECT IS #2 ON THE MTPO'S 2025 COST FEASIBLE PLAN AND IS #1 ON THE 2035 ROADWAY COST FEASIBLE PLAN FOR THE STATE HIGHWAY SYSTEM.
- 2) THIS PROJECT IS ALSO IN THE CURRENT LIST OF PRIORITY PROJECTS SUBMITTED BY THE MTPO IN MAY 2010.
- 3) THIS PROJECT HAS RIGHT OF WAY ON SR 226/16<sup>TH</sup> AVE. AS #1 ON RIGHT OF WAY TABLE.
- 4) THIS PROJECT HAS CONSTRUCTION OF SR 226/16<sup>TH</sup> AVE., 2 LANE TO 4 LANE FACILITY, AS #1 ON THE STP FUNDING TABLE.

# Existing SR 226 West of Main Street

Four Lanes

Raised Median

Sidewalk

100 ' of  
Right-of-Way





# Existing SR 226 At Main Street

Four Lanes

Left Turn Lane

Sidewalk

100 ' of  
Right-of-Way



# Existing SR 226 East of Main Street

Two Lanes

Paved Shoulders

No Sidewalks

100 ' of

Right-of-Way





# Existing SR 226 Intersection with SR 331 / Williston Road

Left Turn Lane  
Paved Shoulders  
No Sidewalks  
100 ' of  
Right-of-Way





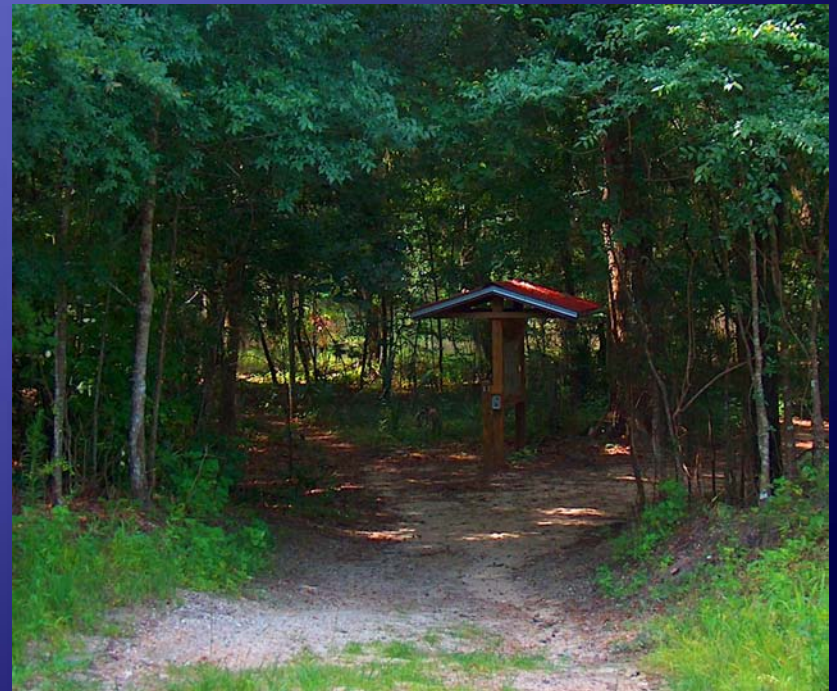
# Existing SR 226 Intersection with SR 331 / Williston Road



Four Lanes, Sidewalk, Bicycle Lanes,

150 ' of Right-of-Way

# East of SR 331





# Intersection with SR 329 Main Street



Looking North

# Intersection with SR 329 Main Street



Looking South



**No Build Alternative**

# LEVEL OF SERVICE



LOS A-B  
Good



LOS C-D  
Fair



LOS E-F  
Poor

The operating conditions on a roadway are characterized using the term “level of service” (LOS) . The minimum LOS for SR 226 is D.

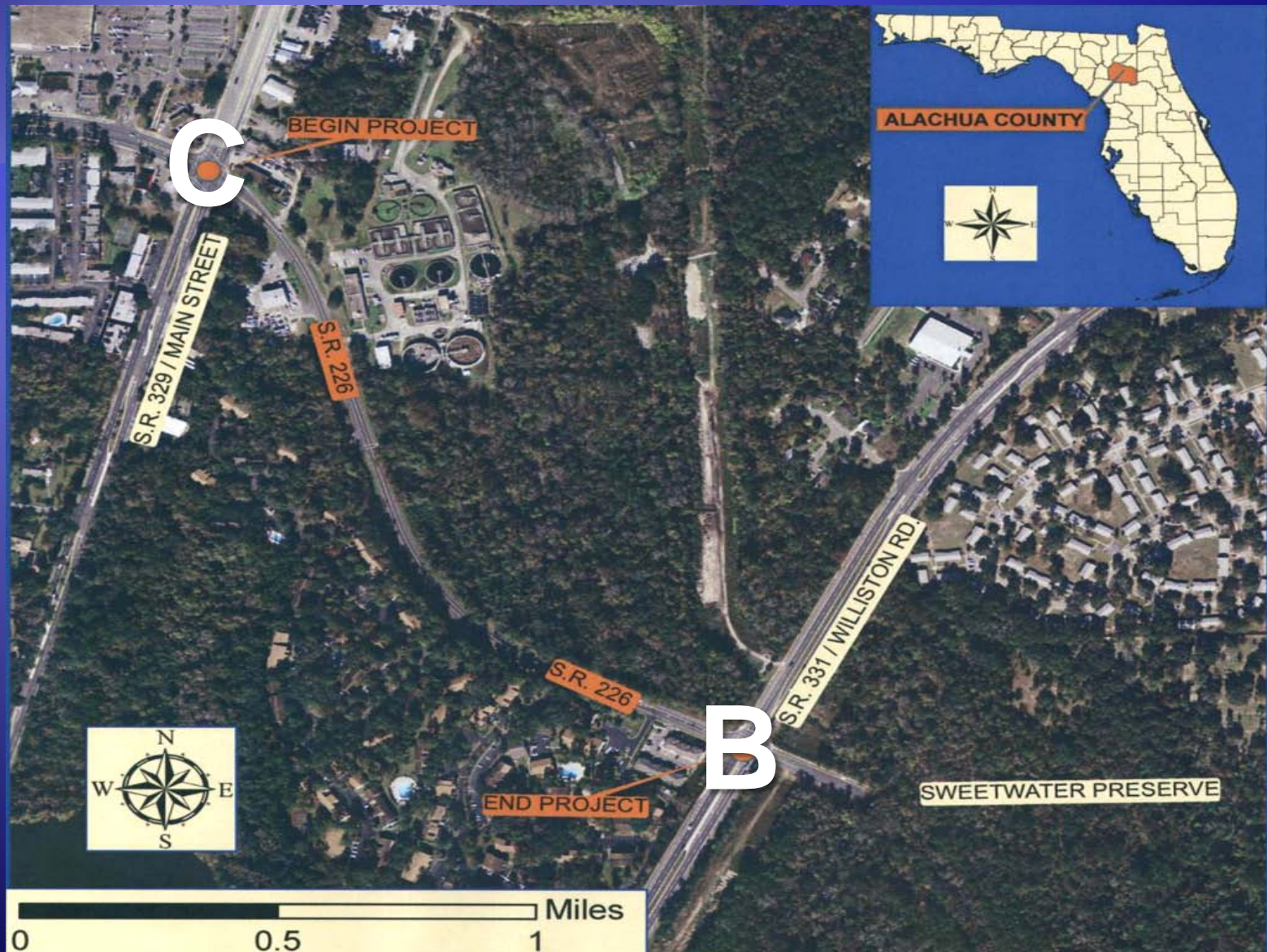


# TRAFFIC COUNTS

## TWO LANE SECTION

YEAR	AADT
2008	9000
2020	12700
2025	14300
2030	15900
2040	19000

# Level of Service – Existing Traffic No Build Alternative





# Level of Service – 2030 Projected Traffic No Build Alternative





# Level of Service – 2040 Projected Traffic No Build Alternative

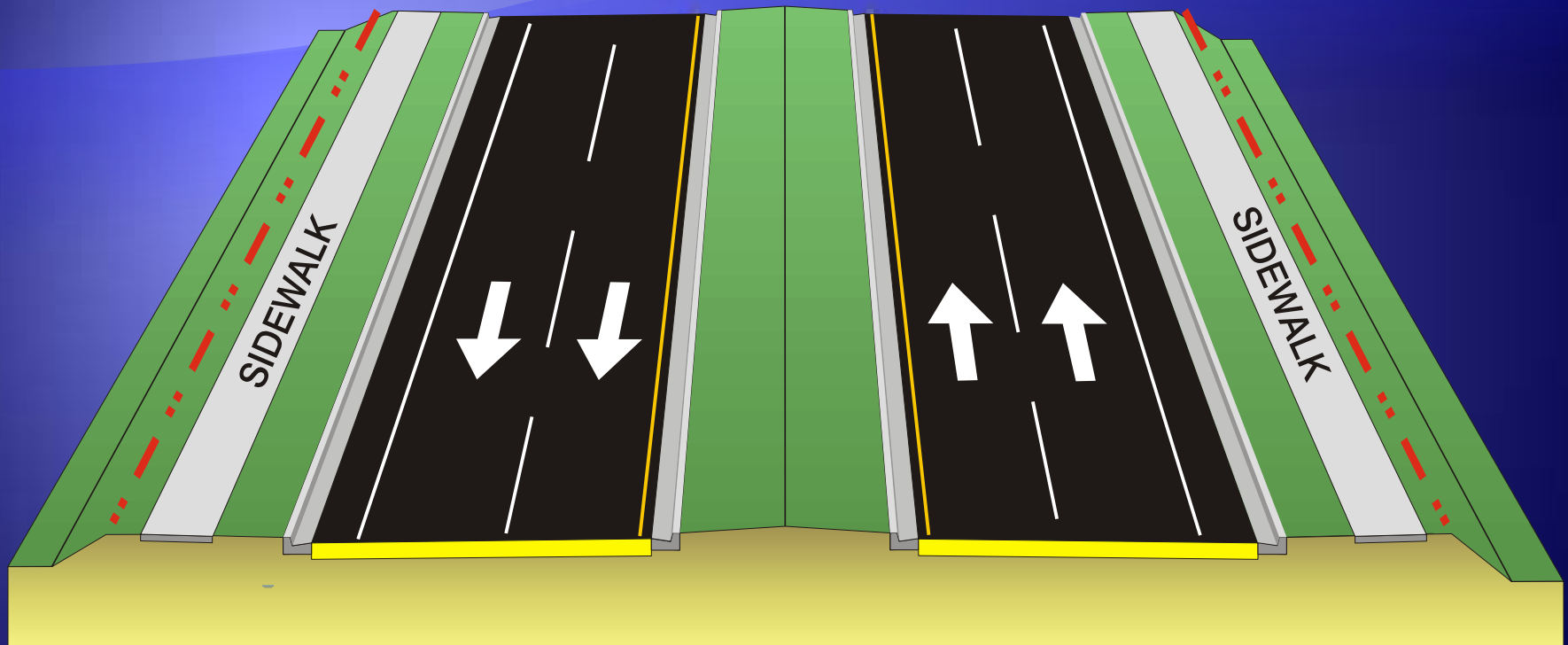




# **Build Alternatives**

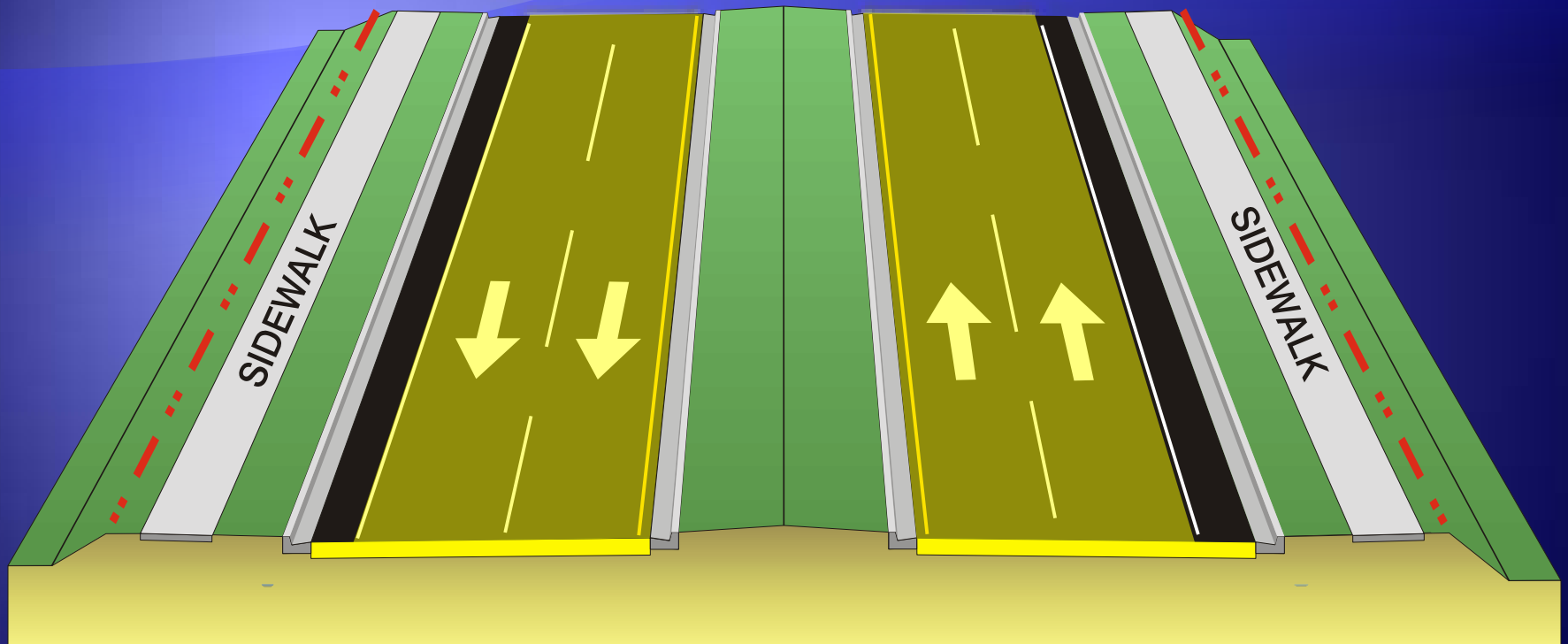
- 1) Four lane curb and gutter with major turn lane additions**
- 2) Four lane curb and gutter with minor turn lane additions**
- 3) Transportation system management**

# Four Lane Urban Roadway



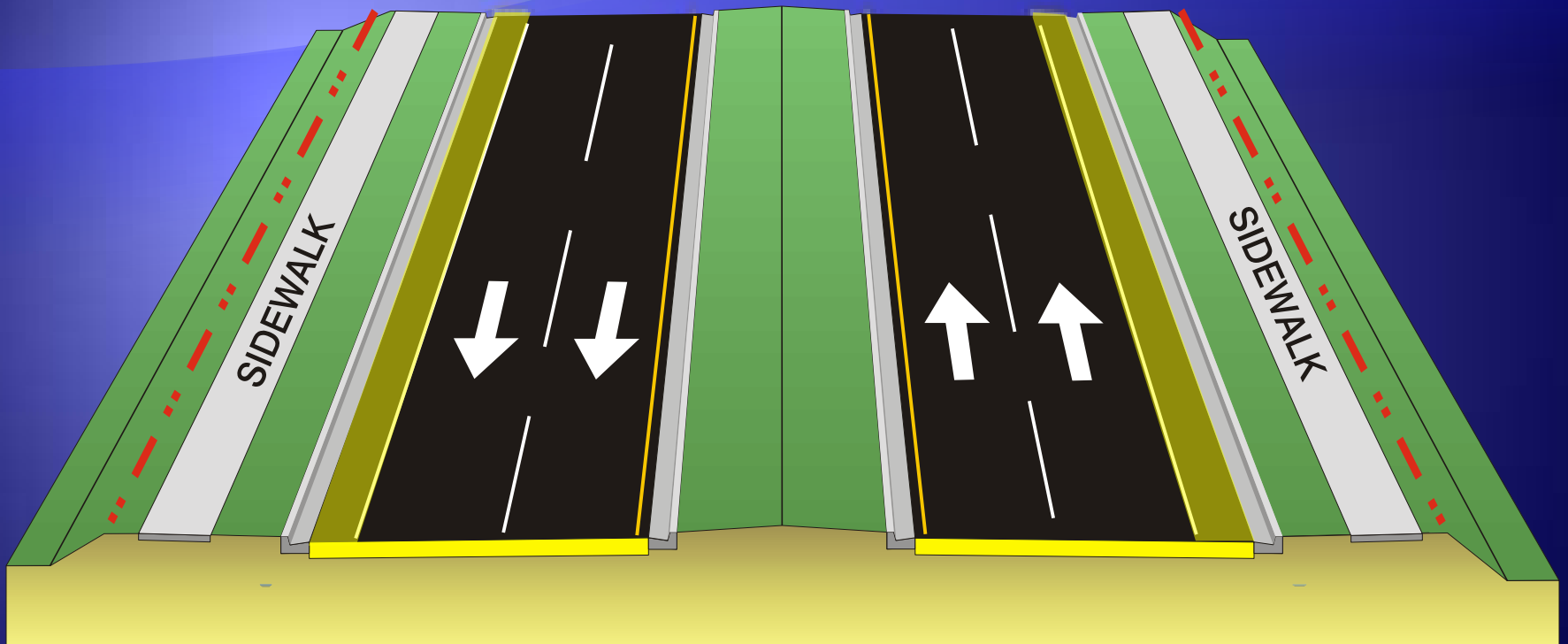


# Four Lane Urban Roadway



12 Ft. Travel Lanes

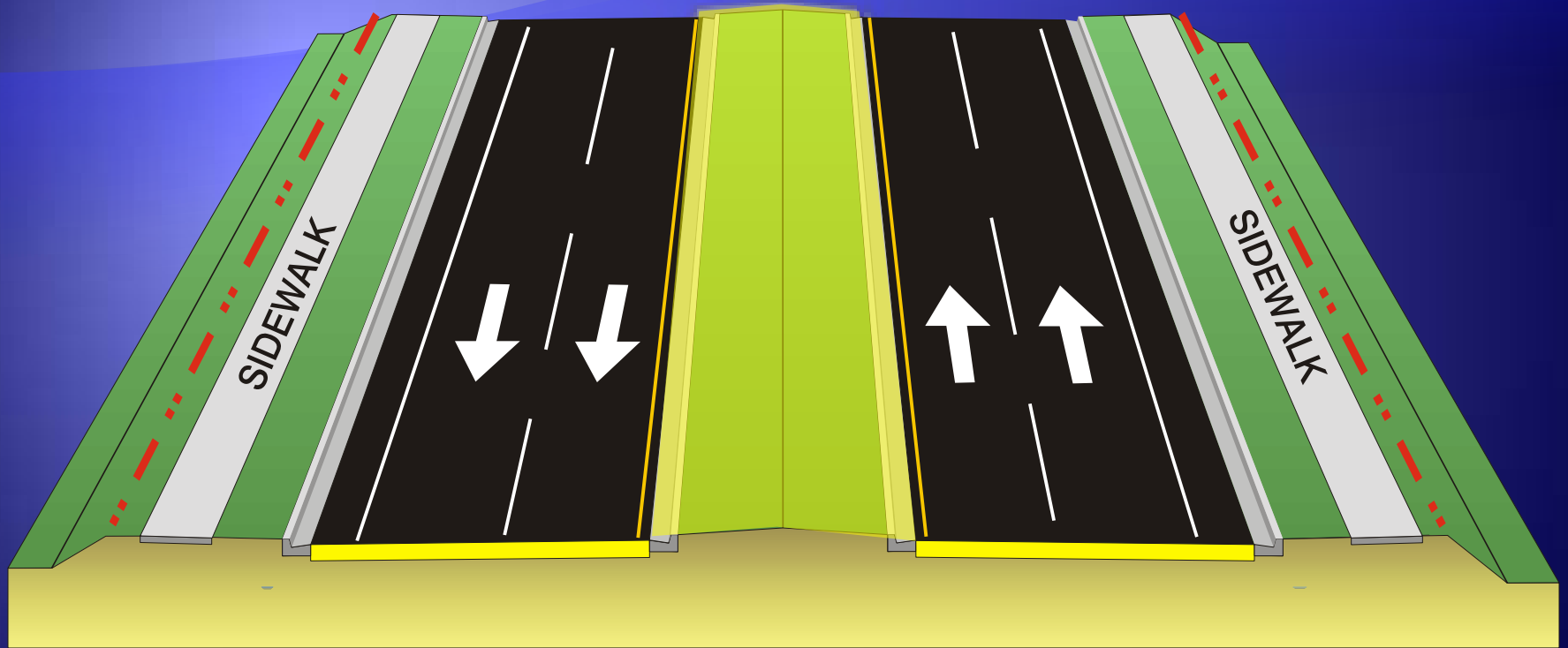
# Four Lane Urban Roadway



**4 Ft. Bicycle Lanes**

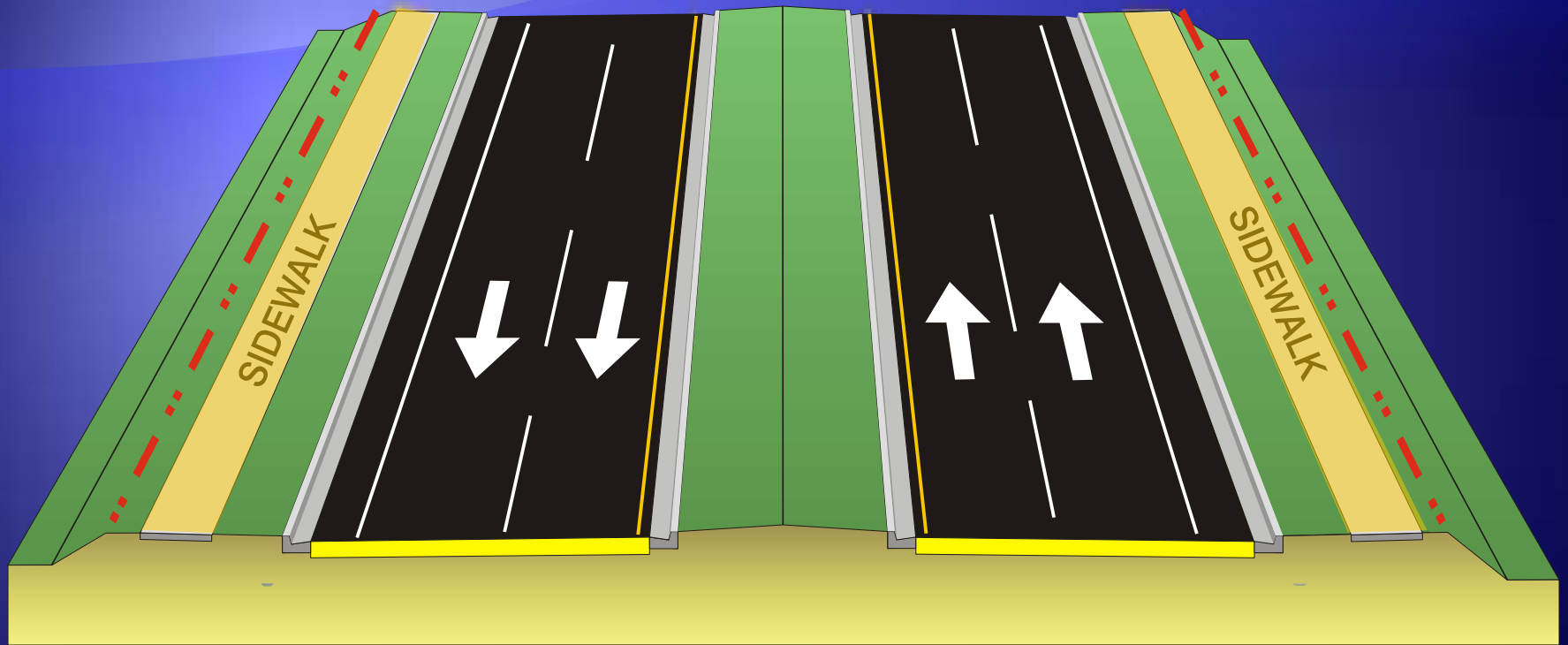


# Four Lane Urban Roadway



**27.5 Ft. Raised Median**

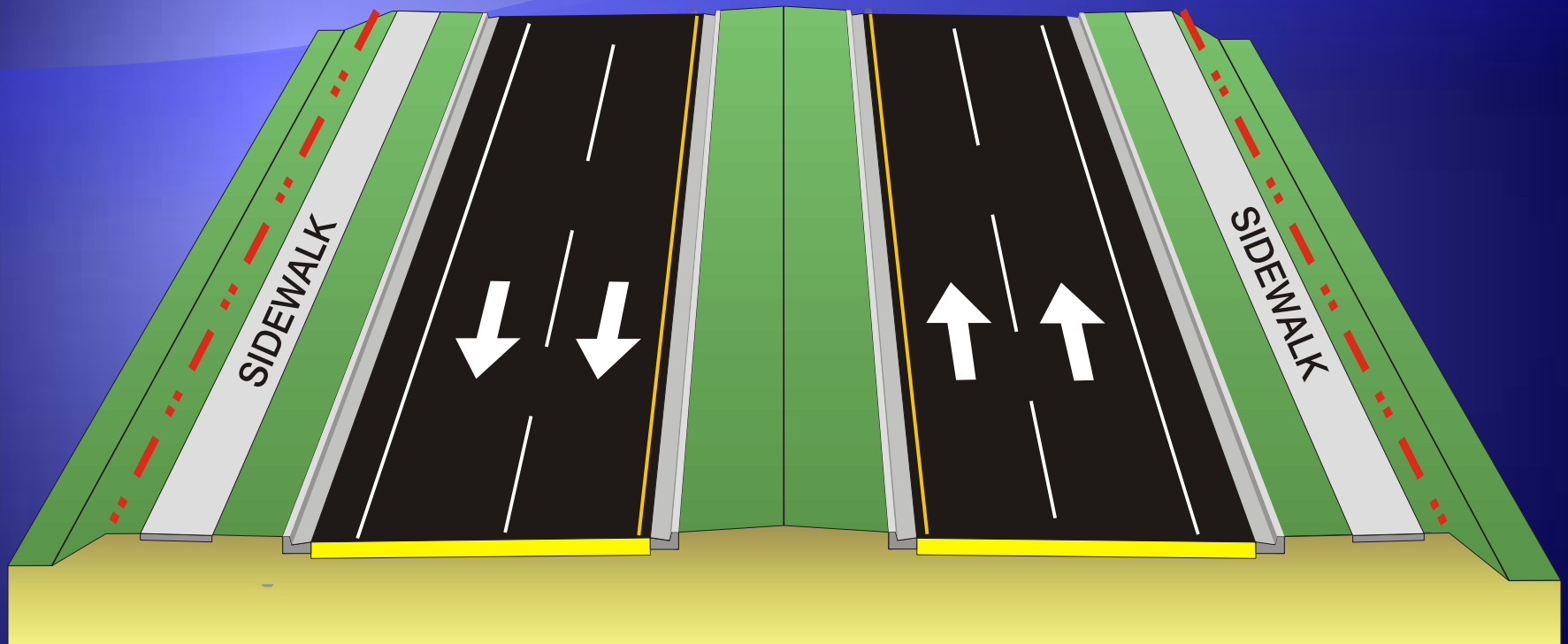
# Four Lane Urban Roadway



**5 Ft. Sidewalks**

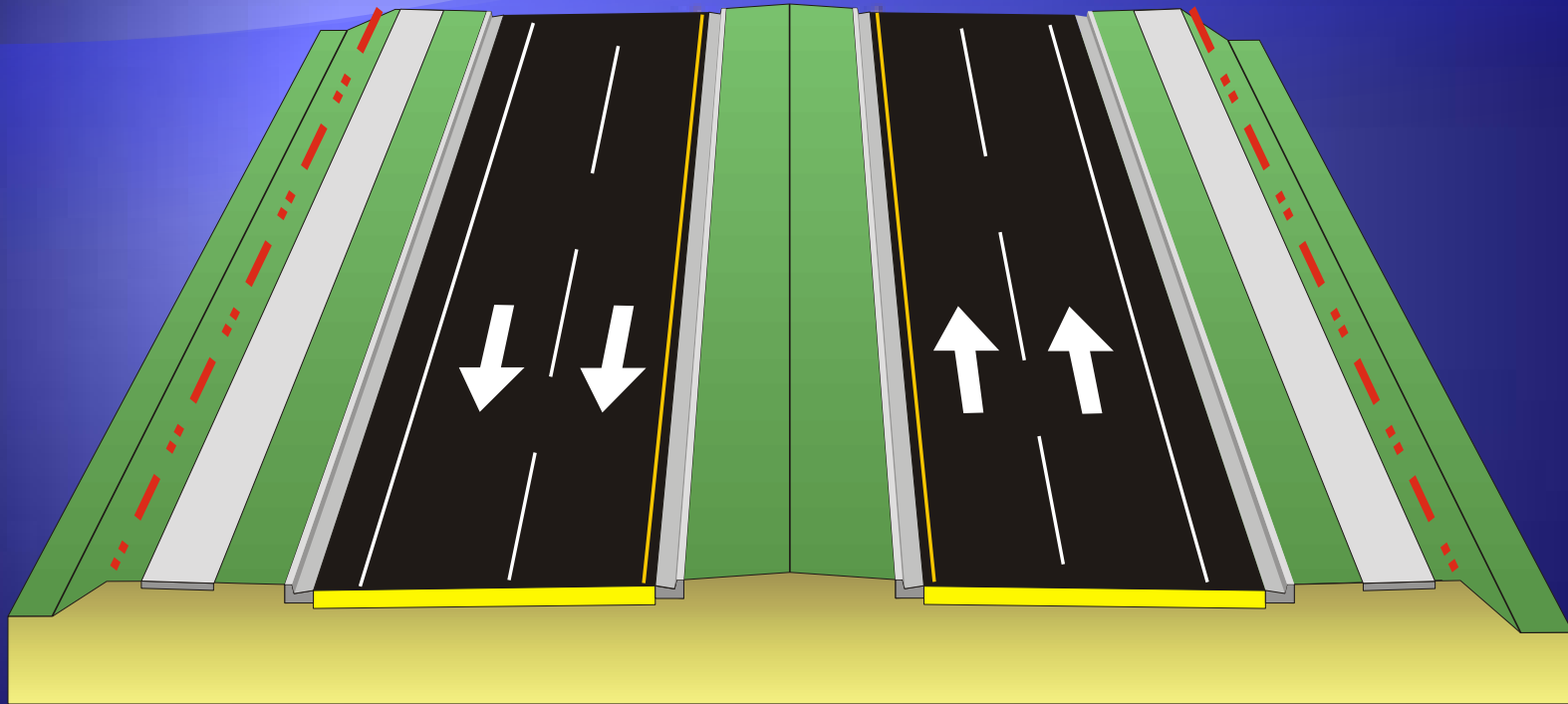


# Four Lane Urban Roadway



120 Ft. Right Of Way

# Four Lane Urban Roadway



100' existing

120' needed

# Gainesville Regional Transit System

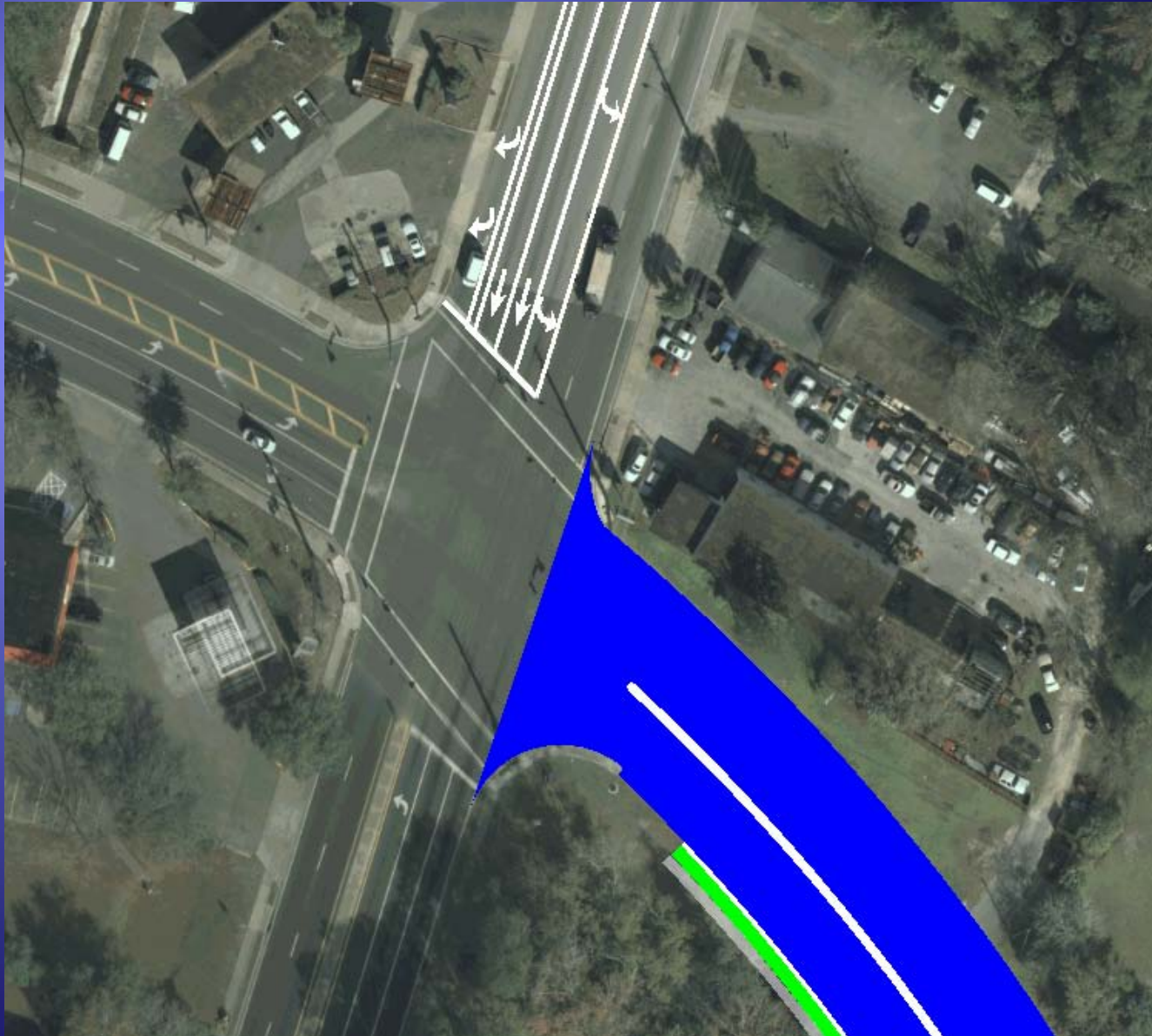
## Route Number 16



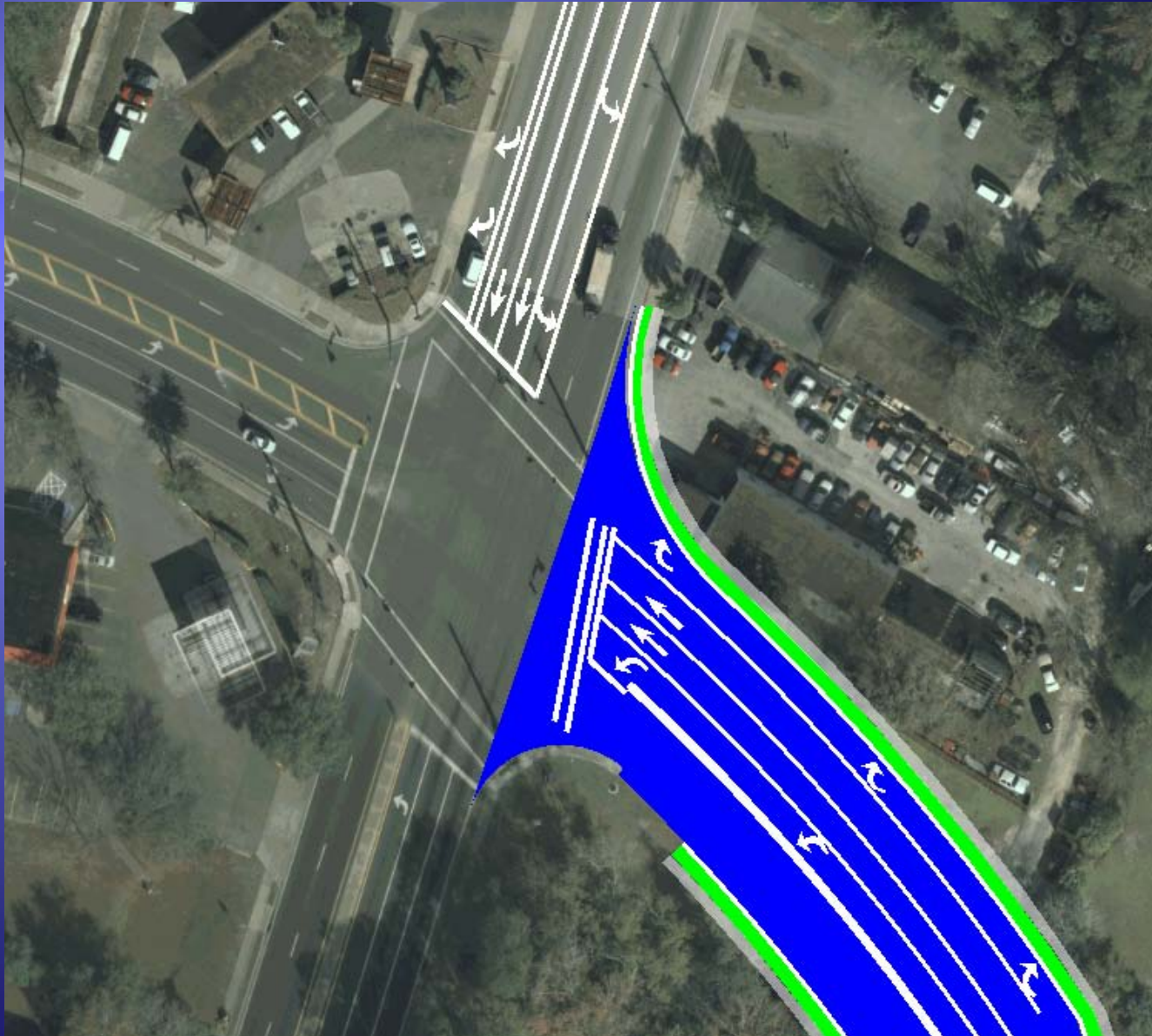


# **Intersection Modifications Major**

# SR 329 / Main Street Intersection



# SR 329 / Main Street Intersection

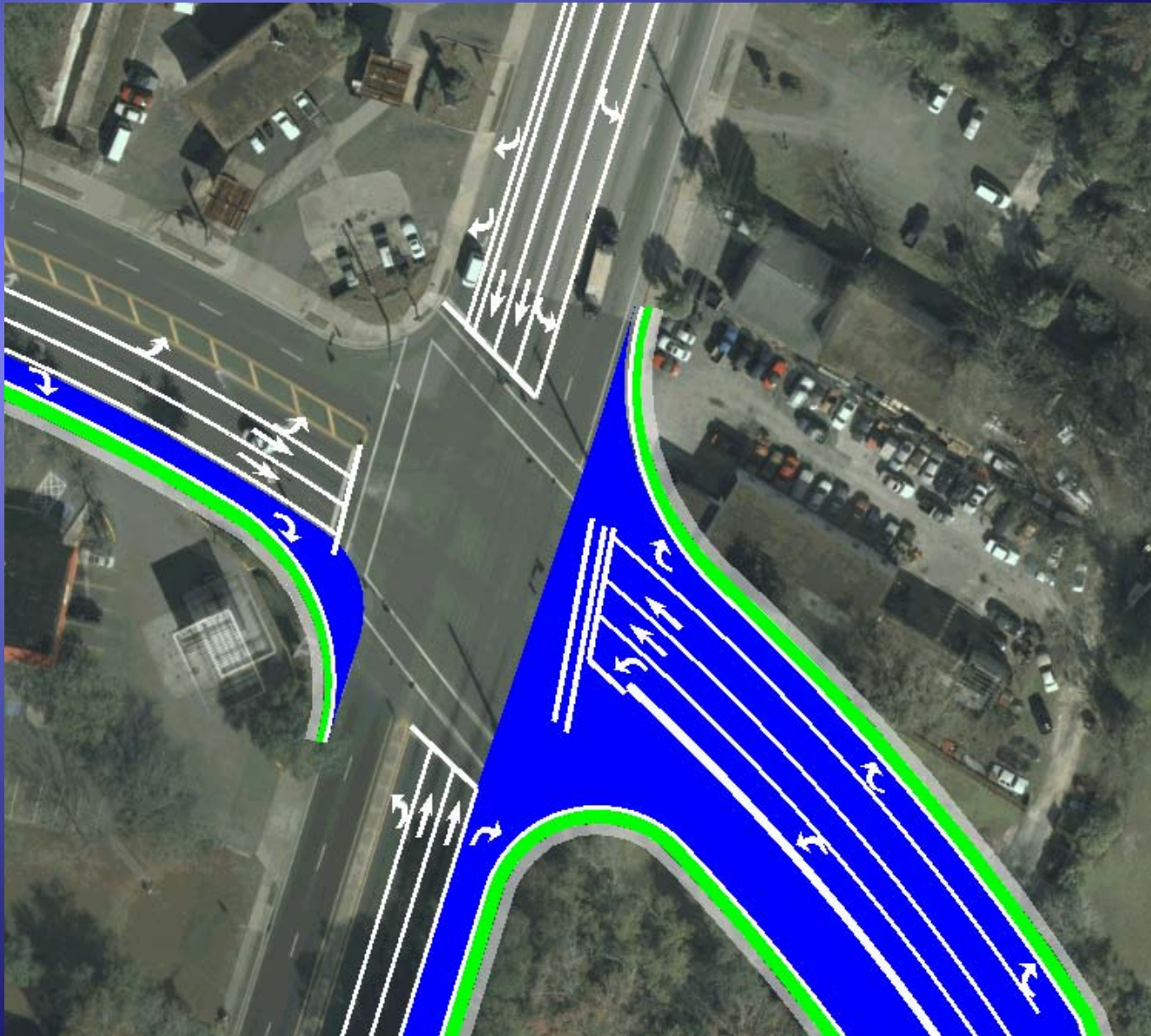




# SR 329 / Main Street Intersection

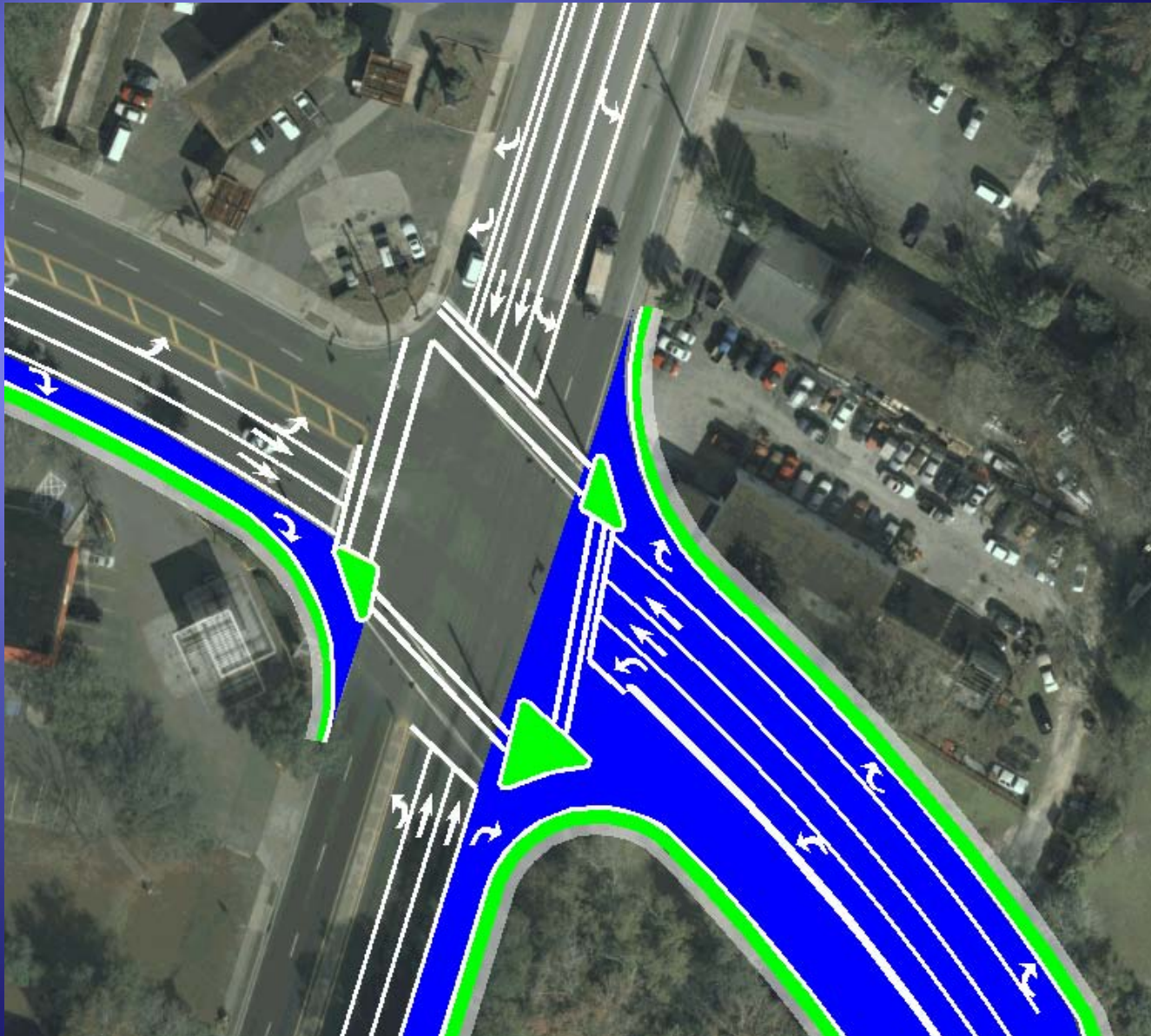


# SR 329 / Main Street Intersection





# SR 329 / Main Street Intersection

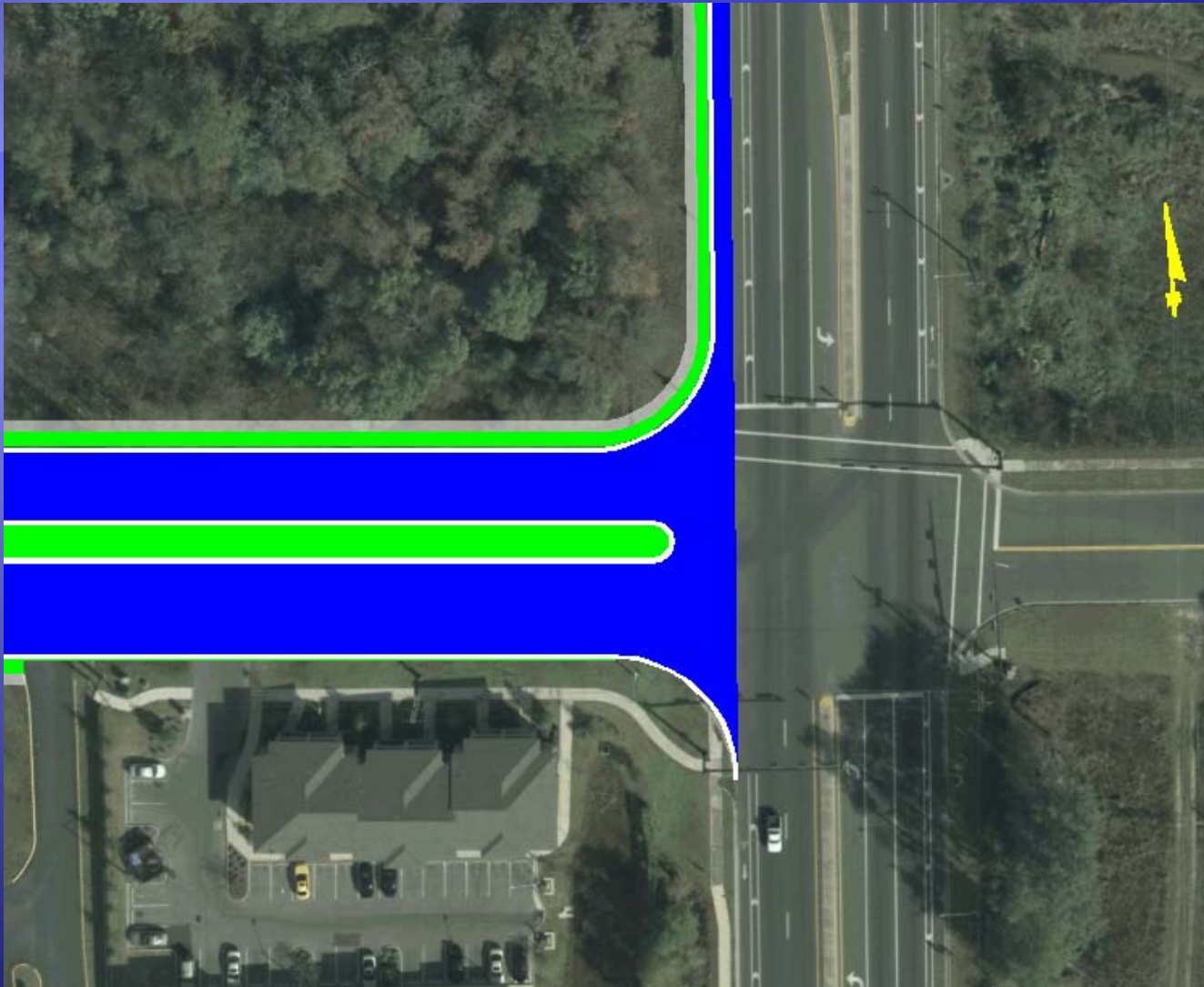




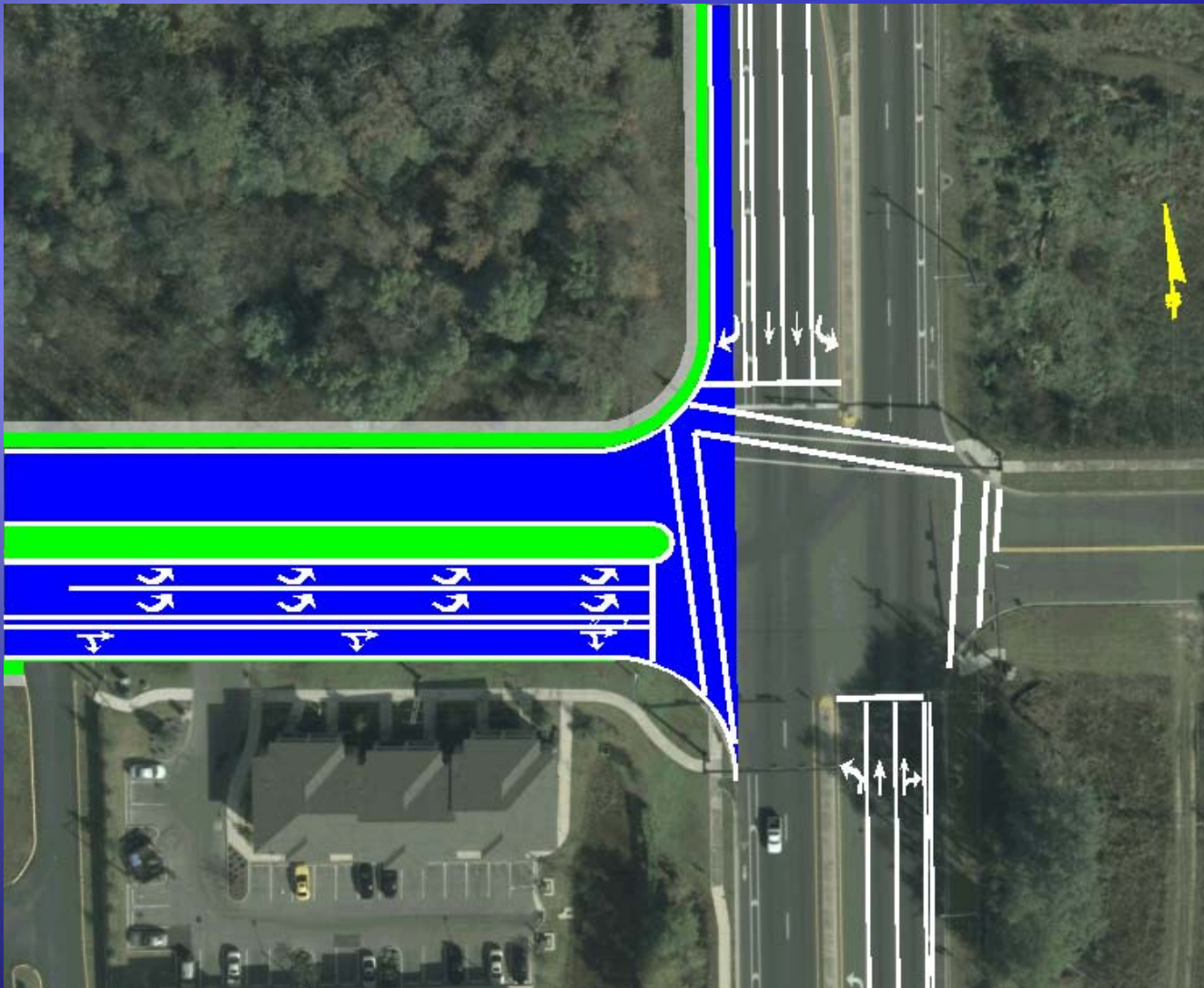
# SR 331 / Williston Road Intersection



# SR 331 / Williston Road Intersection

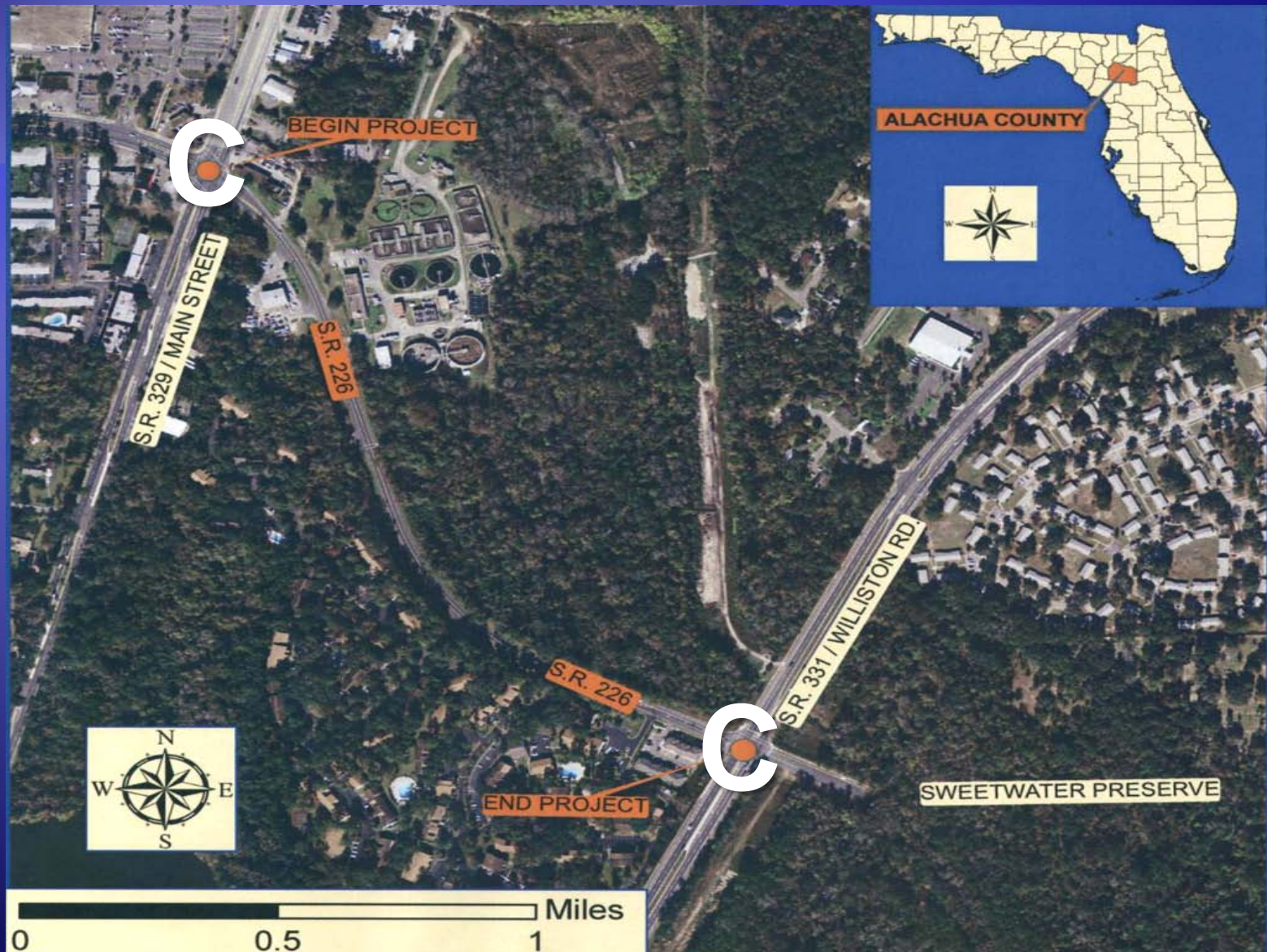


# SR 331 / Williston Road Intersection





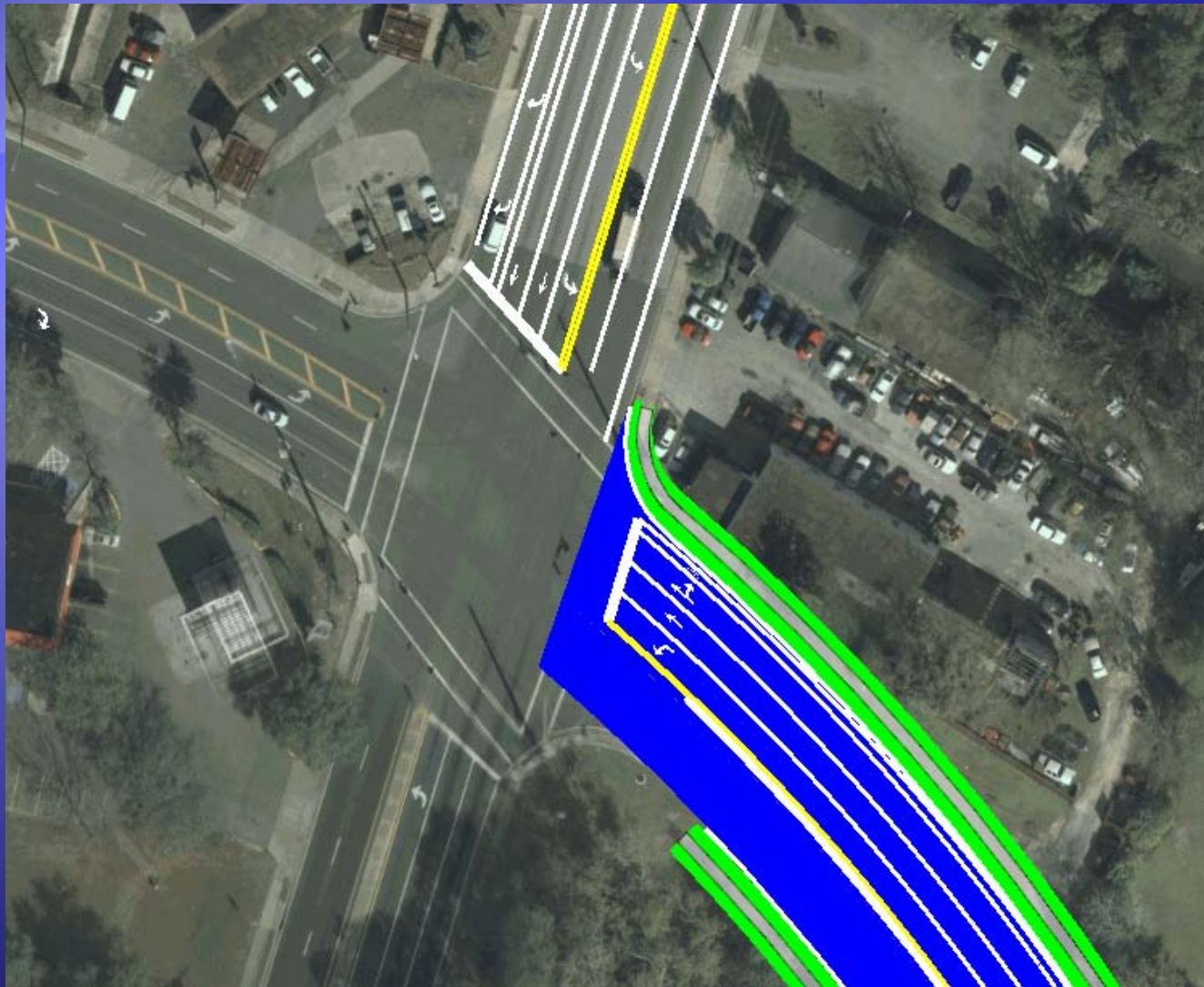
# Level of Service – 2040 Projected Traffic Build Alternative



# **Intersection Modifications Minor**



# SR 329 / Main Street Intersection





# SR 329 / Main Street Intersection

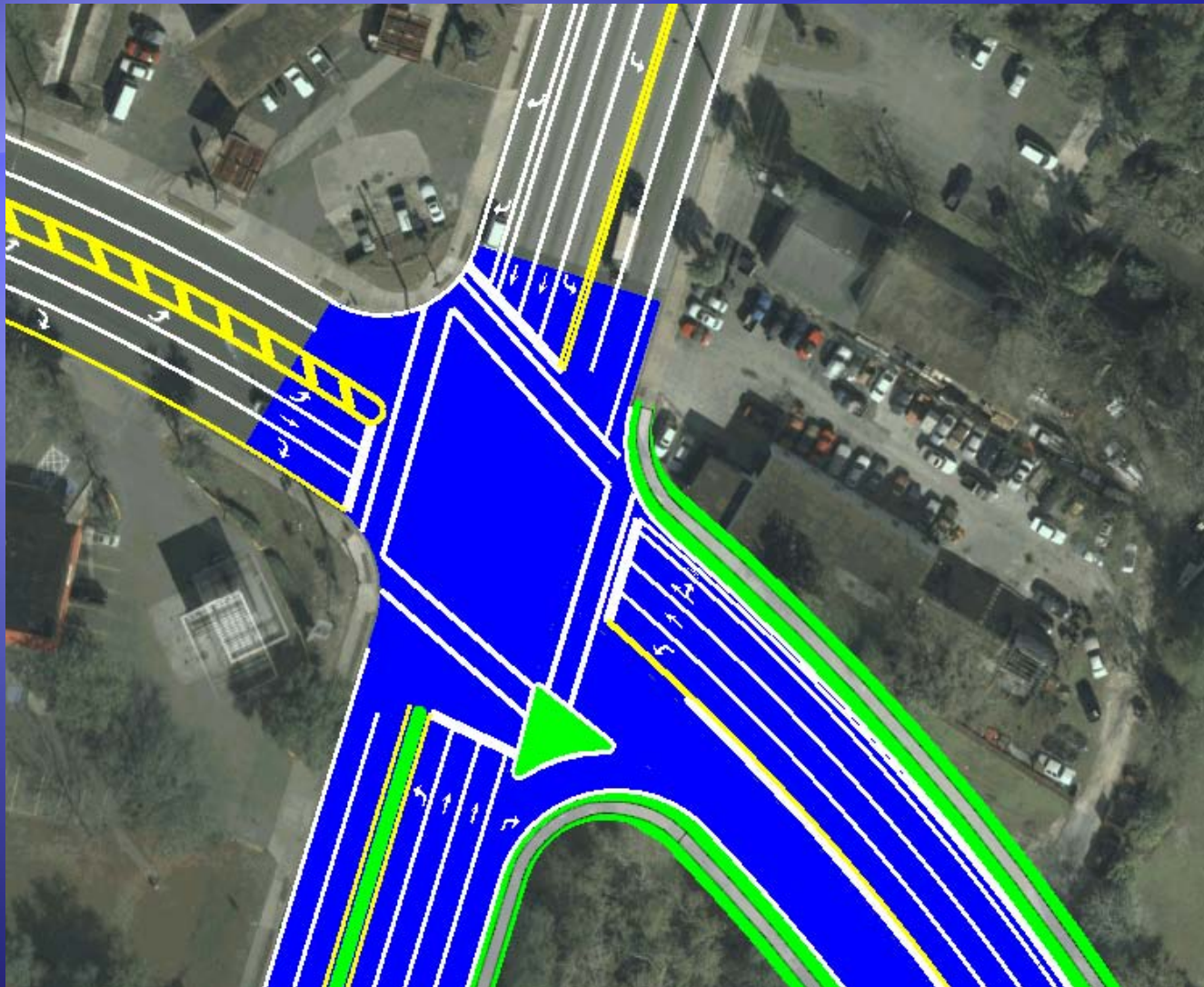


# SR 329 / Main Street Intersection



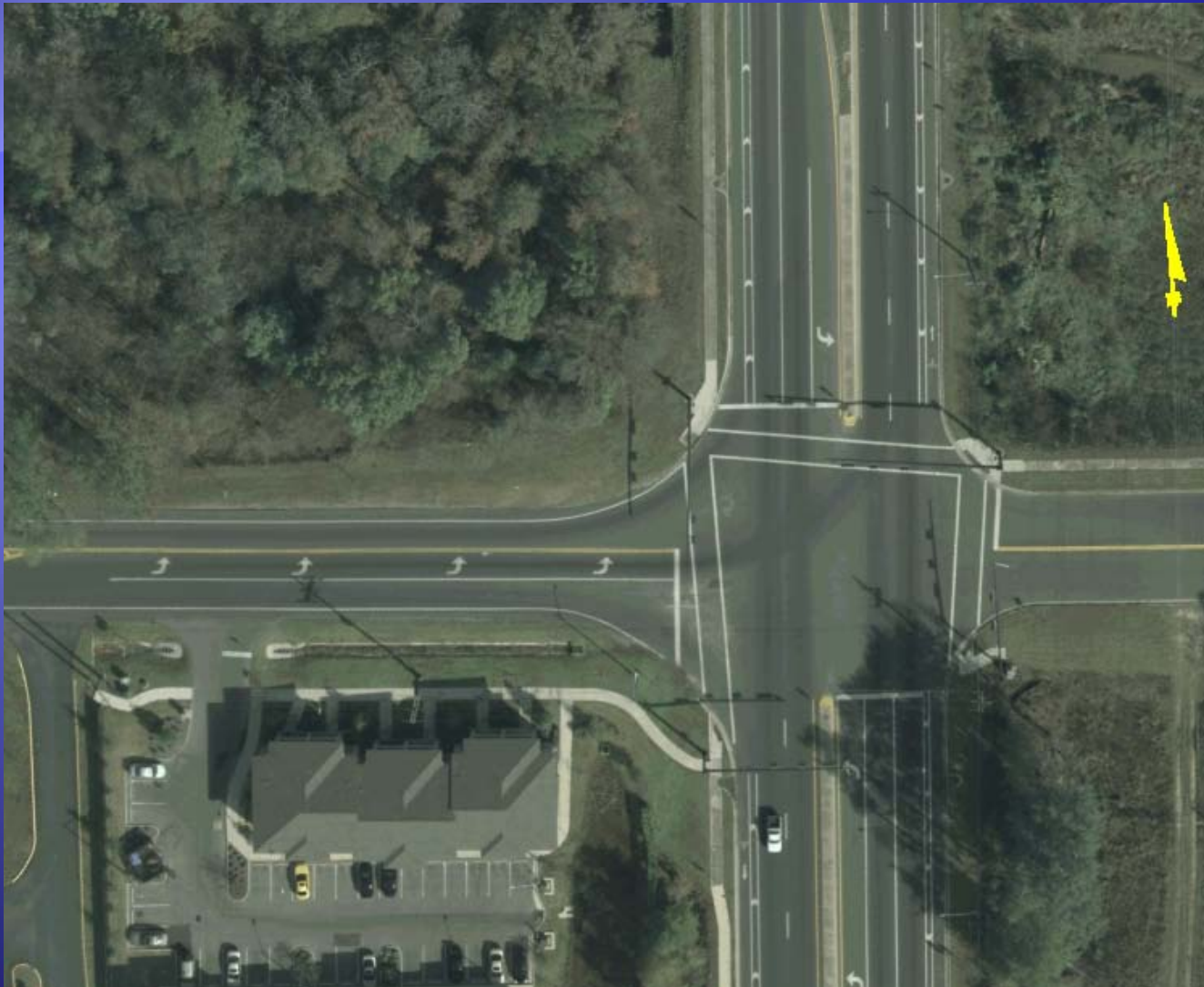


# SR 329 / Main Street Intersection





# SR 331 / Williston Road Intersection



# SR 331 / Williston Road Intersection

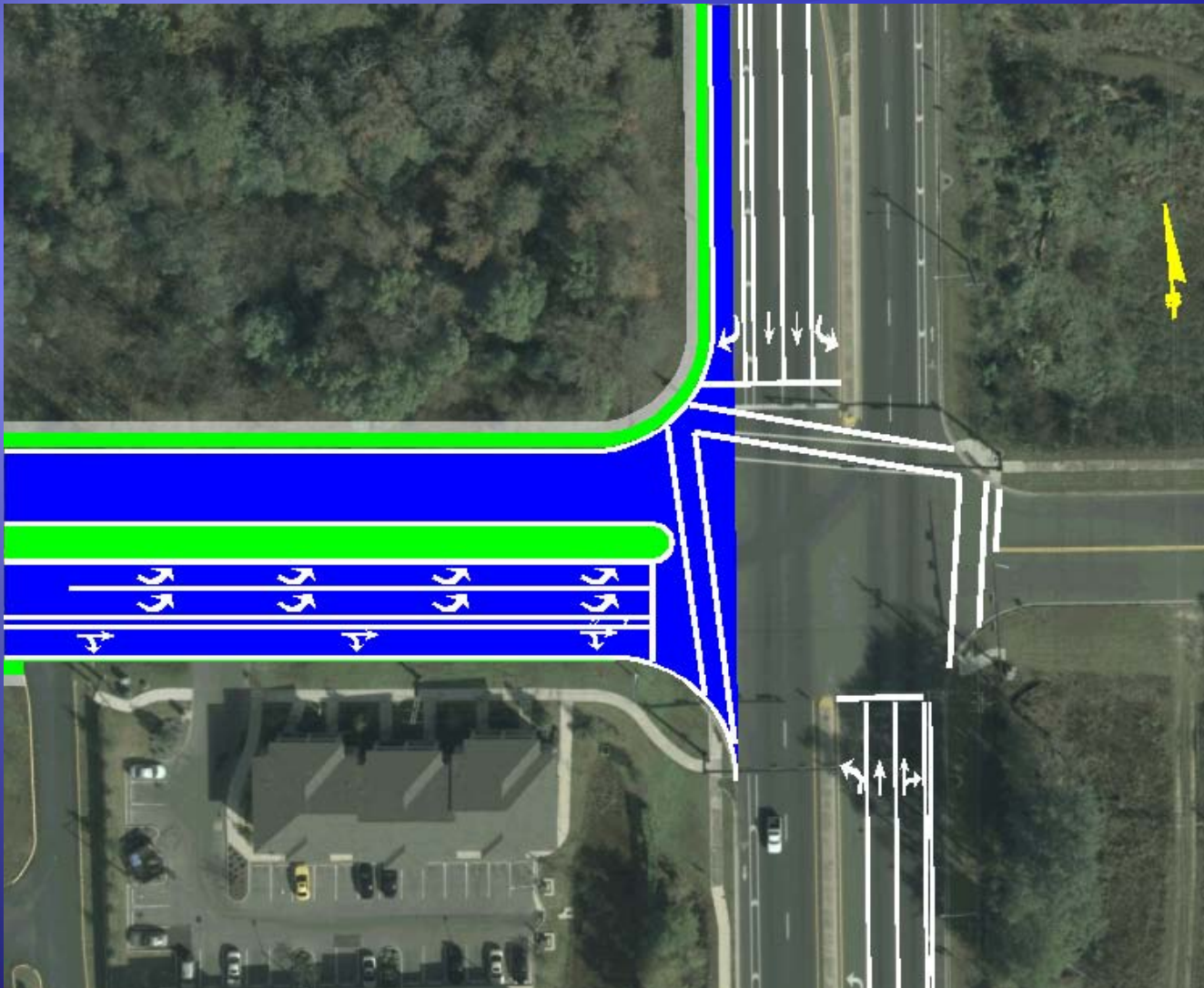


# SR 331 / Williston Road Intersection

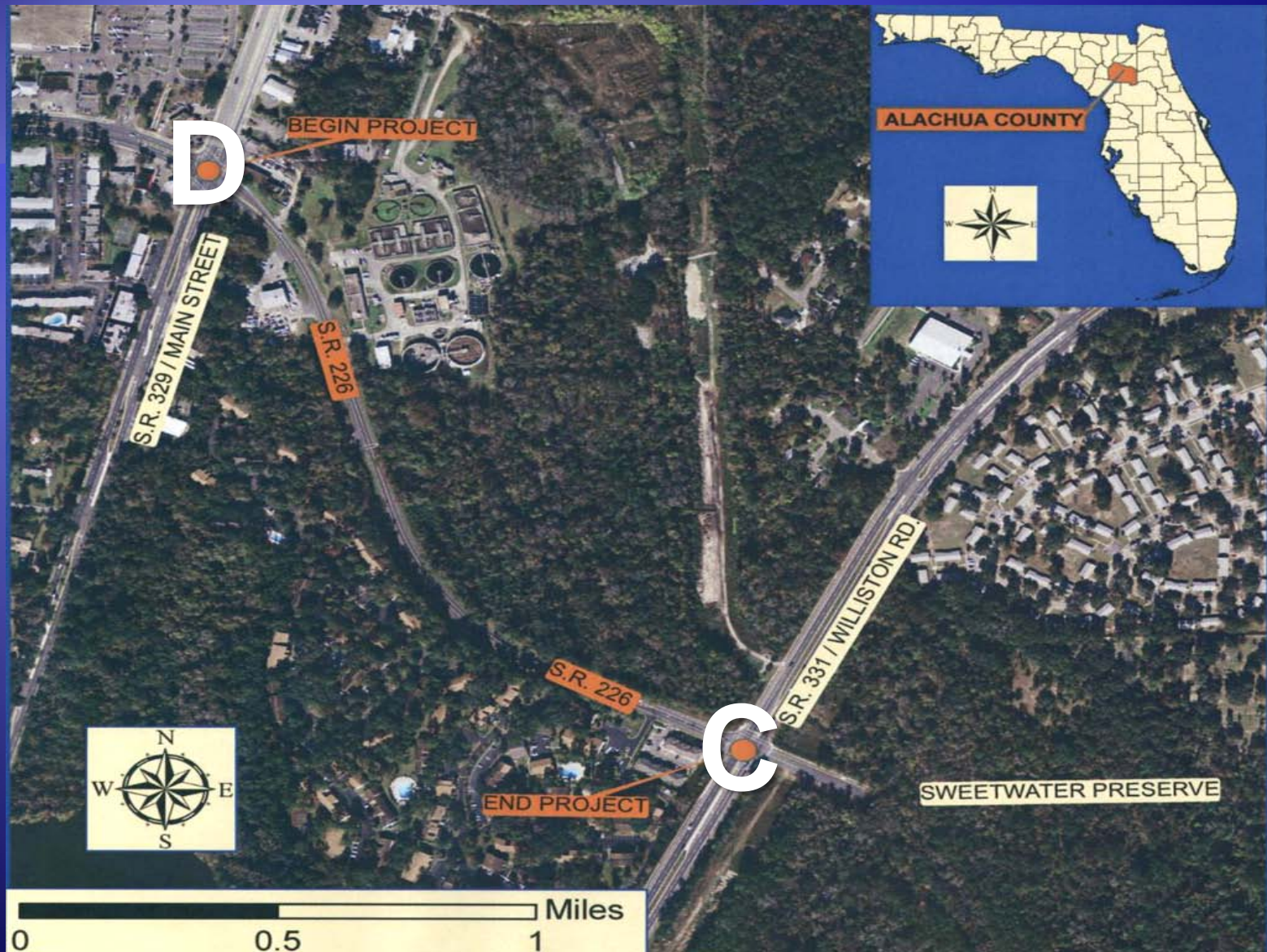




# SR 331 / Williston Road Intersection



# Level of Service – 2040 Projected Traffic Build Alternative





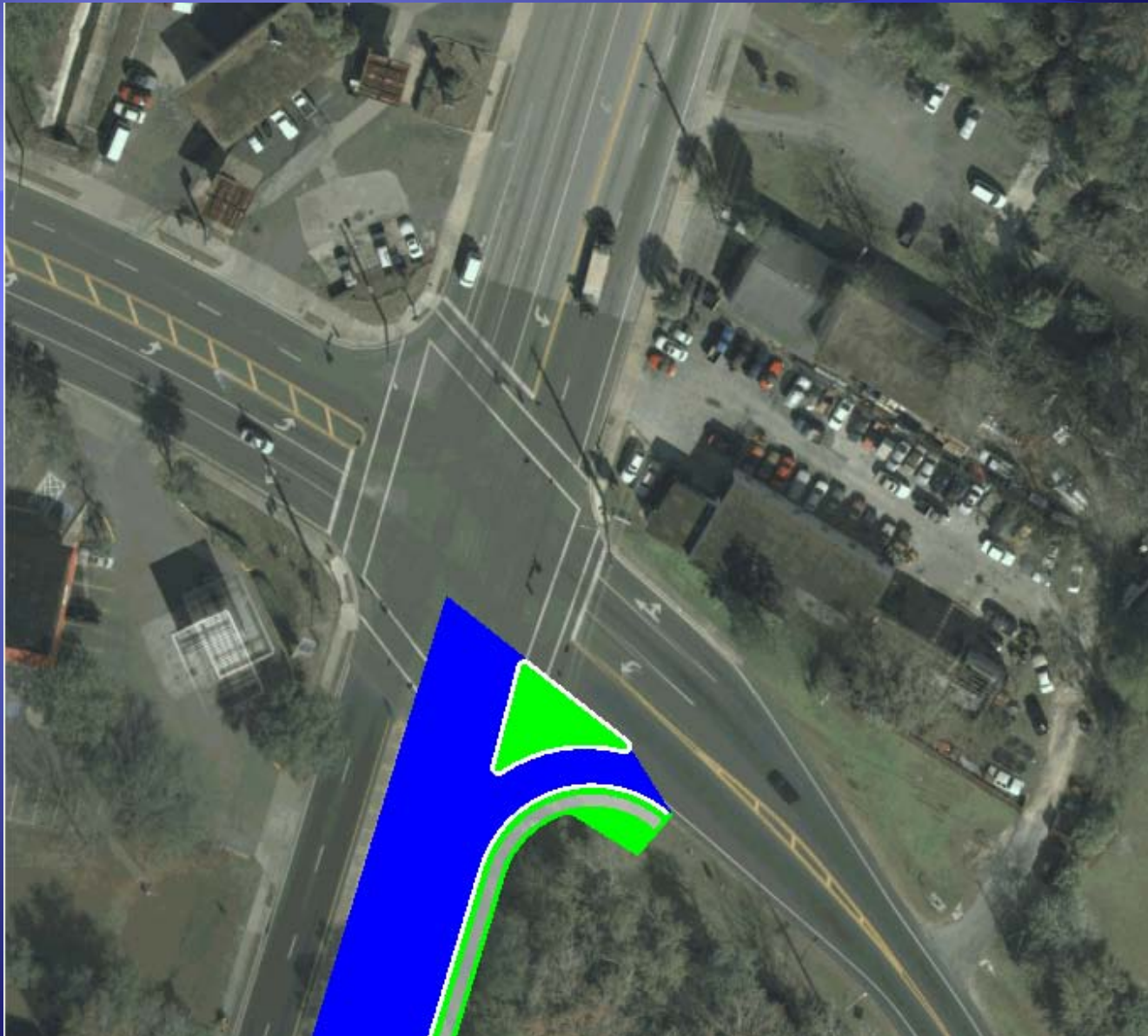
# **Transportation System Management (TSM)**



# SR 329 / Main Street Intersection

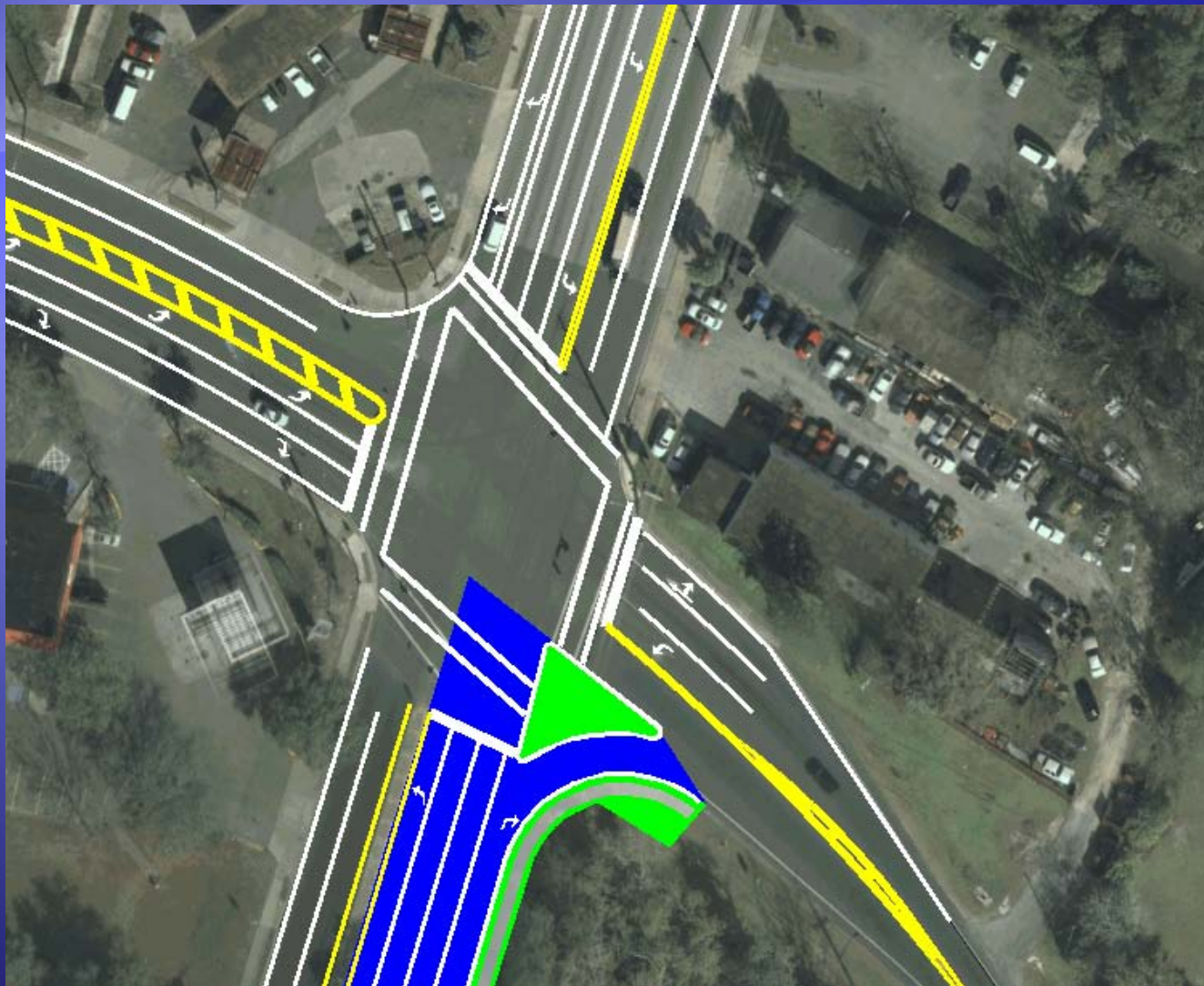


# SR 329 / Main Street Intersection





# SR 329 / Main Street Intersection



# SR 331 / Williston Road Intersection

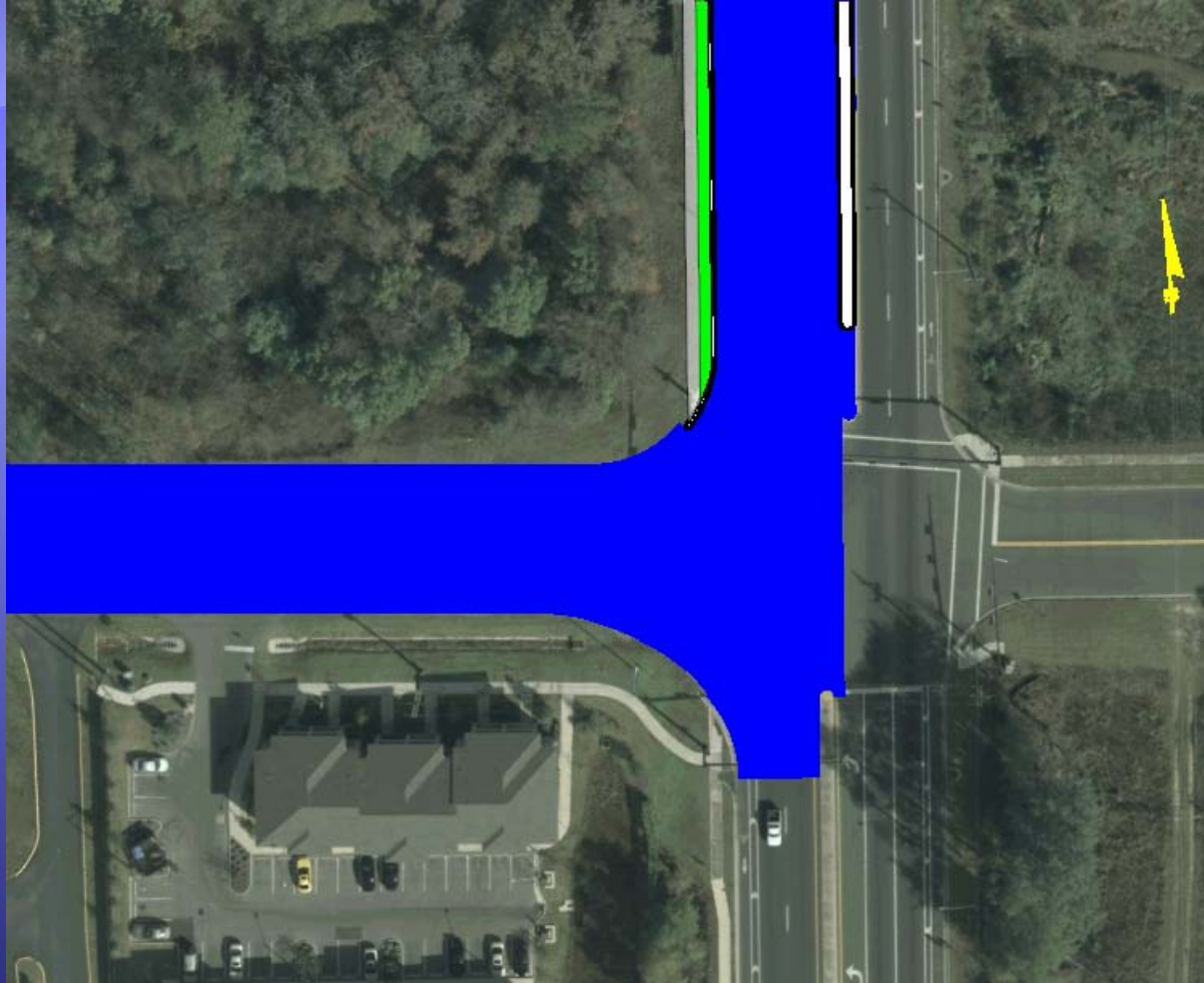




# SR 331 / Williston Road Intersection

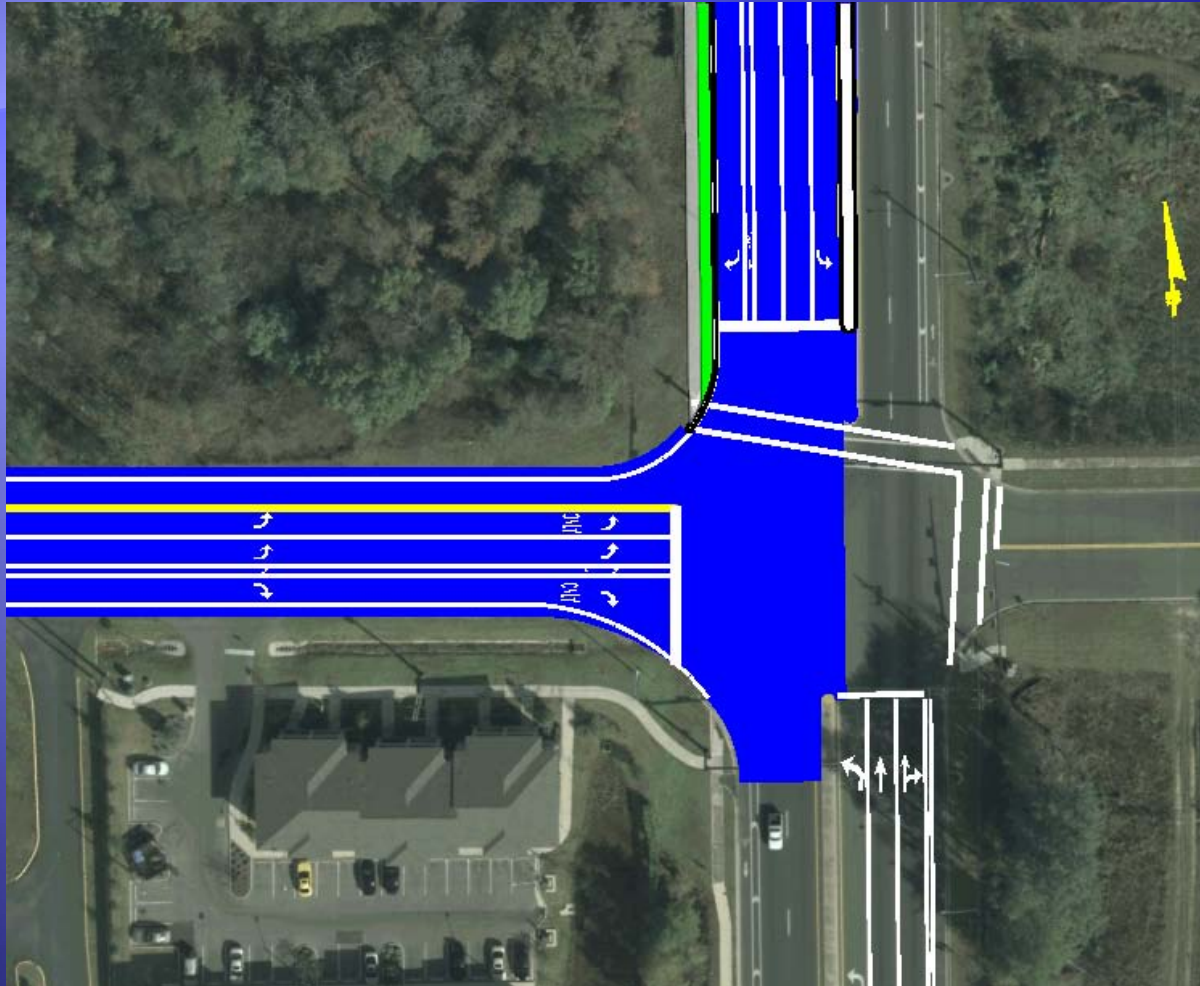


# SR 331 / Williston Road Intersection

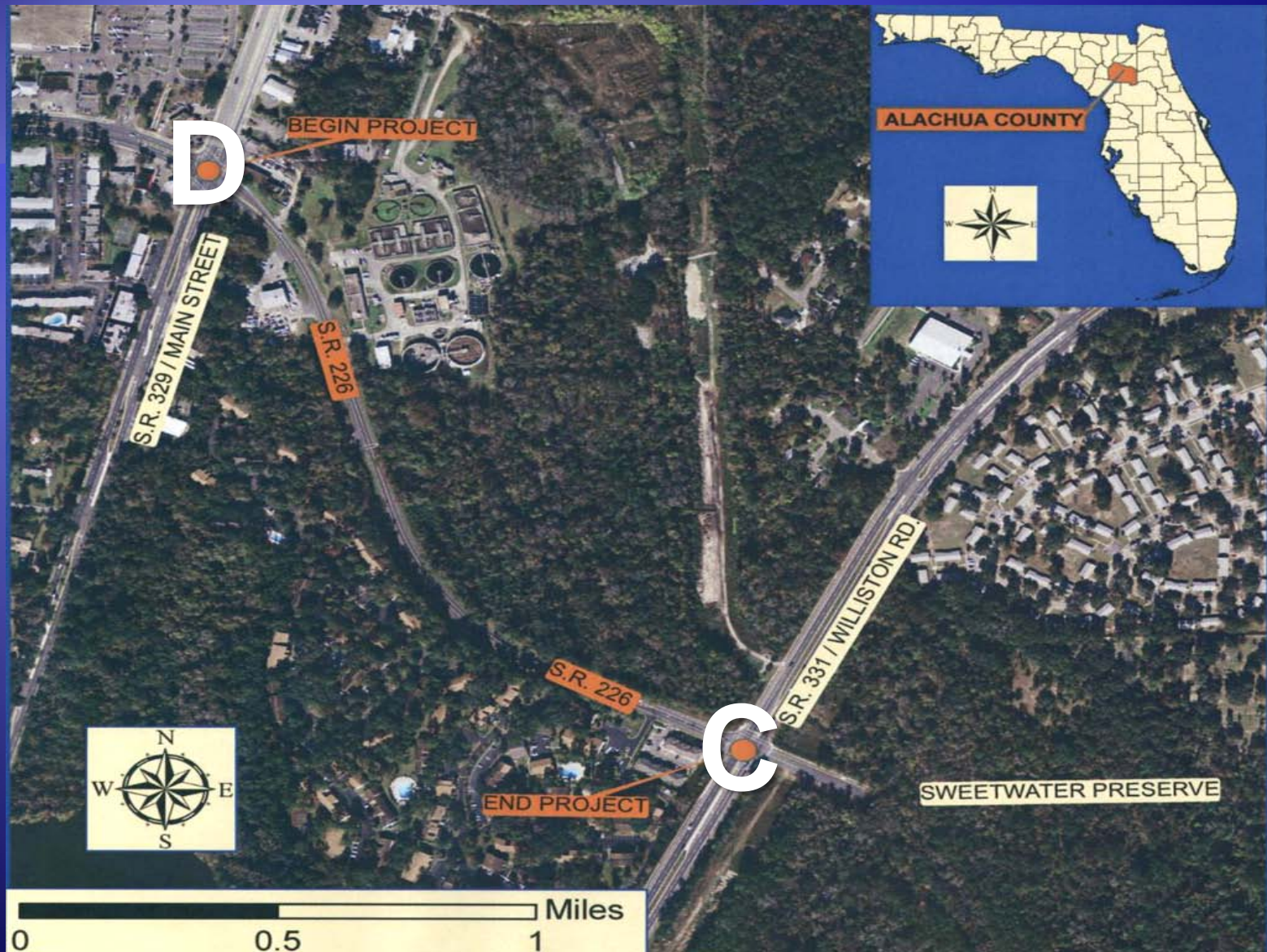




# SR 331 / Williston Road Intersection



# Level of Service – 2040 Projected Traffic Build Alternative





# Project Costs

	No - Build	Build		
		4 Lanes with Intersection Modifications		TSM
		Major	Minor	
Design & Construction	\$0	\$7.6 Million	\$6.9 Million	\$1.8 Million
Right-of-Way	\$0	\$5.7 Million	\$2.5 Million	\$0.4 Million
Utilities	\$0	\$1.0 Million	\$1.0 Million	\$0 Million
<b>Total Costs</b>	<b>\$0</b>	<b>\$14.3 Million</b>	<b>\$10.4 Million</b>	<b>\$2.2 Million</b>



# Project Schedule

PD&E Study



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graph TD; A[PD&E Study] --> B[Design]; B --> C[Right-of-Way]; C --> D[Construction];
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**ongoing**

Design

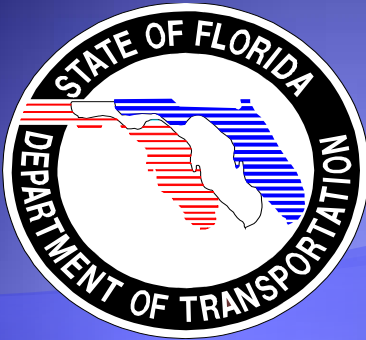
**Funded FY 2011**

Right-of-Way

**Not Funded**

Construction

**Not Funded**



## Contact Information

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