City Commission Workshop
Tuesday, March 24, 2026 at 5:15 PM

City Commission Chambers
214 Sams Avenue, New Smyrna Beach FL 32168

I. CALL TO ORDER

II. PUBLIC PARTICIPATION

III. WORKSHOP

III.a Presentation: Mr. Steve Buck, FDOT District Five Strategic Initiatives Administrator.

IV. COMMISSION COMMENTS

V. ADJOURNMENT

Pursuant to Florida Statutes 286.0105, if an individual decides to appeal any decision made by the board, agency or commission of the City of New Smyrna Beach with respect to any matter considered at this meeting, a record of the proceedings will be required and the individual will need to ensure that a verbatim transcript of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. Such person must provide a method for recording the proceedings.

In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's office in person or by mail at 210 Sams Avenue, New Smyrna Beach, Florida 32168, (386) 410-2630, prior to the meeting.

THE CITY OF NEW SMYRNA BEACH - CITY CLERK'S OFFICE

PRESENTATION: MR. STEVE BUCK, FDOT DISTRICT FIVE STRATEGIC INITIATIVES ADMINISTRATOR.

March 24, 2026

Background:
Mr. Steve Buck, FDOT District Five Strategic Initiatives Administrator, will present the initial recommendations from Phase 1 of the SR 44 Corridor Study.

Findings:
Exhibit A. SR 44 Corridor Study Phase 1 Initial Recommendations

Fiscal Analysis:
None.

Strategic Plan Item:
No

Staff Report Created By: Sharon Taylor-Harding

Attachments:

Exhibit A. SR 44 Corridor Study Phase 1 Initial Recommendations_2026-02-17_Concept Updates_w_OD.pdf
SR 44 Corridor Study Phase 1_NSB City Commission Presentation_2026_03_24 (v1 2026.03.20).pptx

SR 44 Corridor Planning Study

Concept Design Status at Mission Drive/Wallace Road, Canal Street, Colony Park Road, I-95 SB Off-Ramp, and Williamson Boulevard

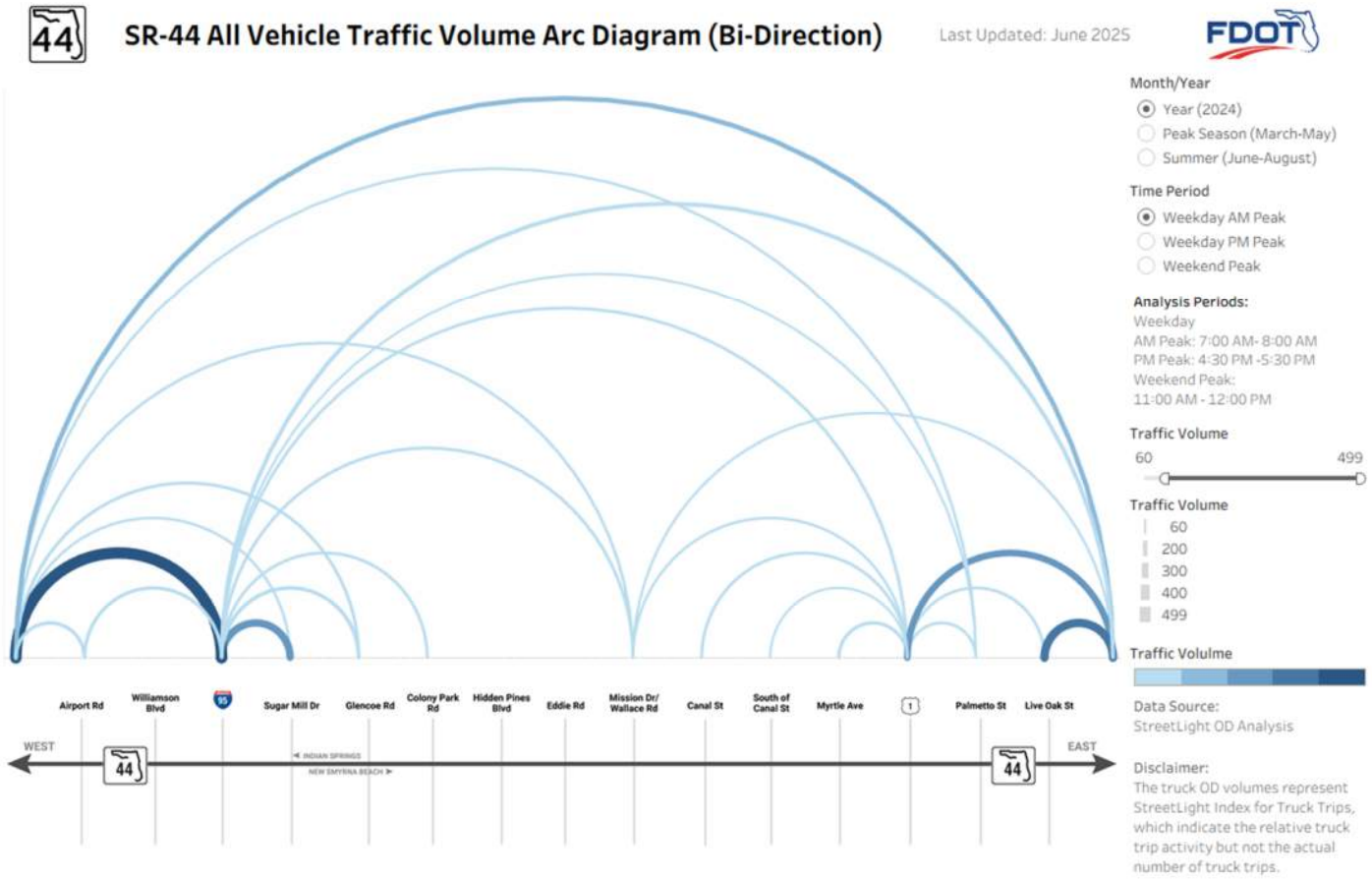
February 2026





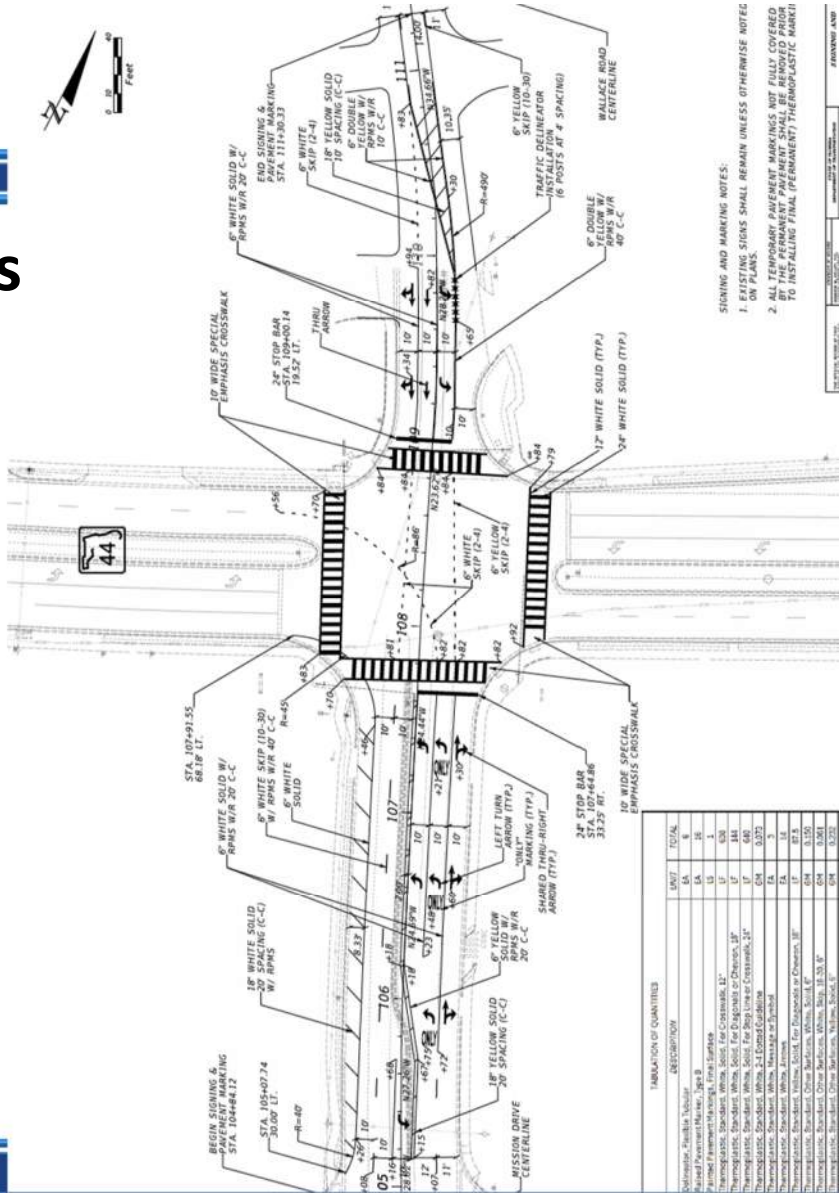


2024 Origin-Destination Analysis



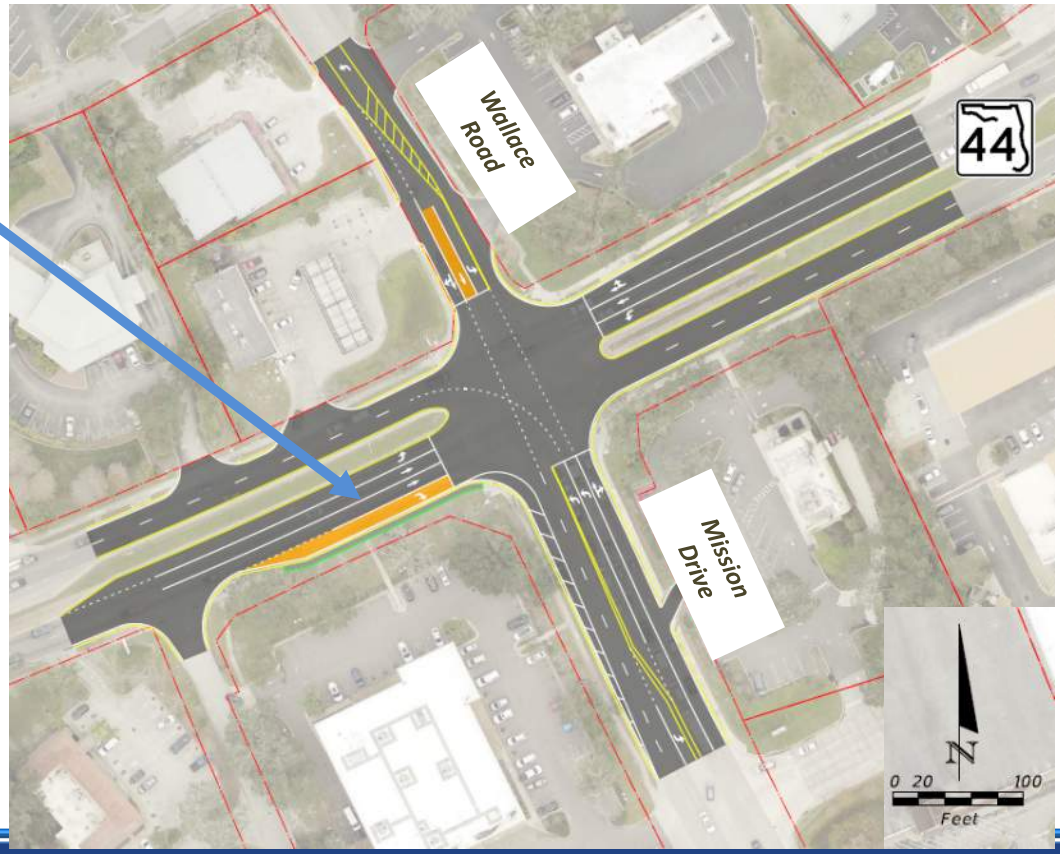
Mission Drive/Wallace Road Improvements

- Add 2nd SB thru lane – maintenance project; milling/resurfacing and restriping



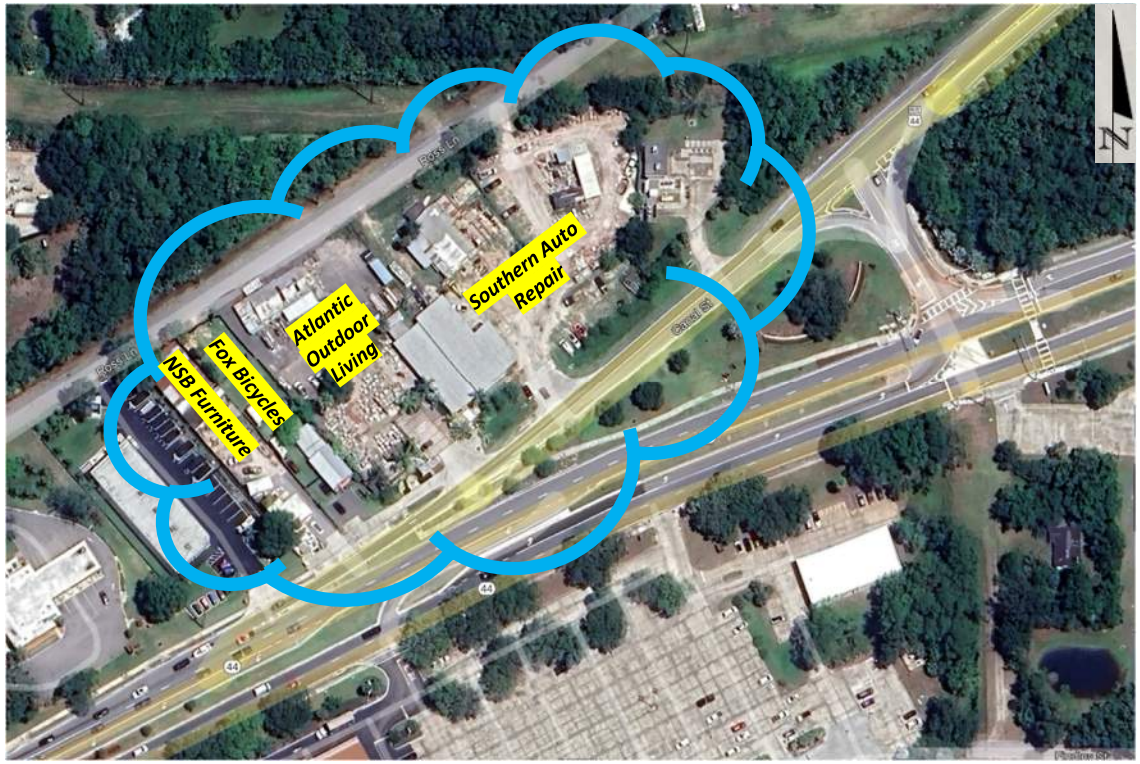
Mission Drive/Wallace Road Improvements

- Add exclusive EB right turn lane – follow up “Phase 2” to previous Mission/Wallace project
- Next Steps
  - Currently under design
  - Detailed survey underway
- Construction Cost Estimate
  - Approx. $185K to $220K



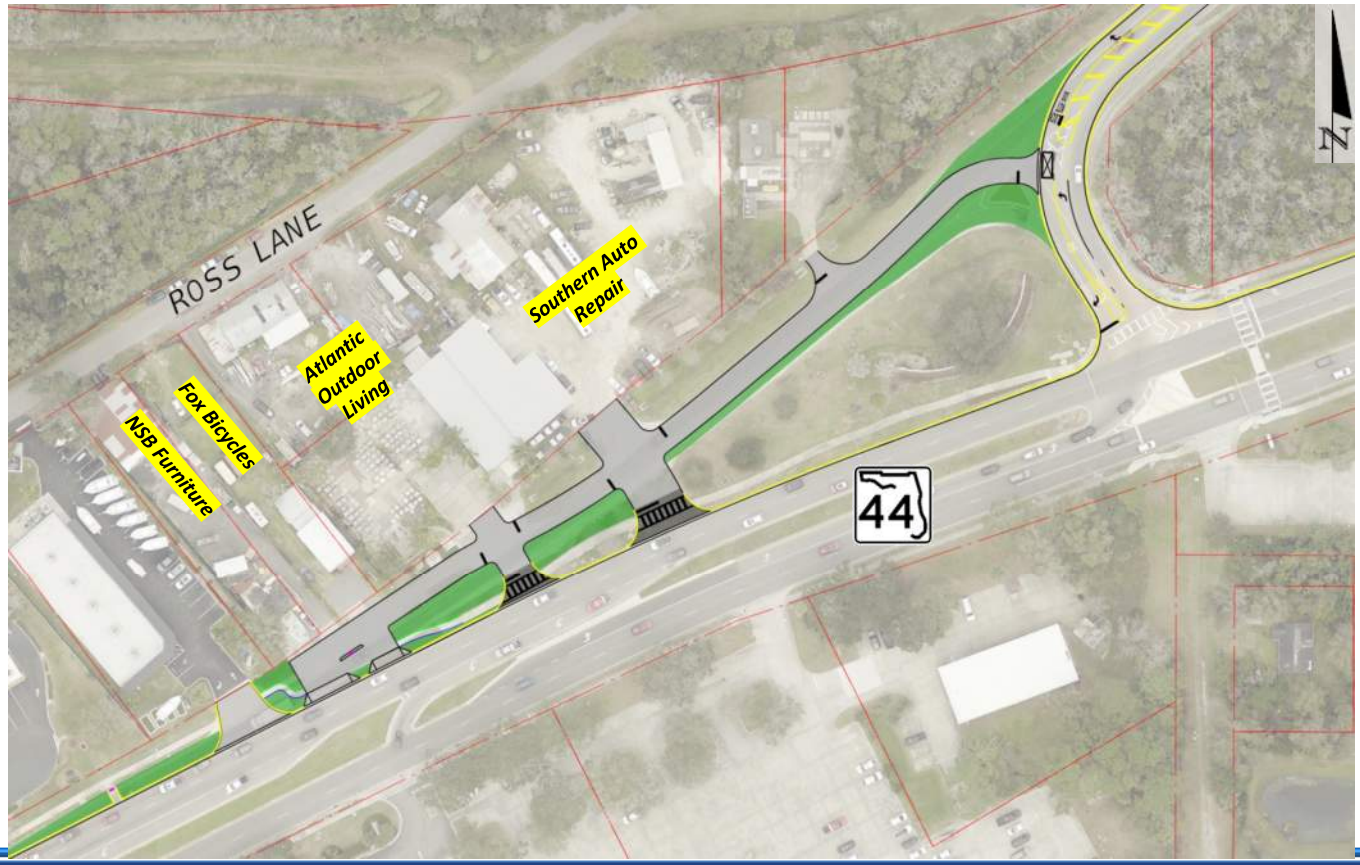
Canal Street Business Owners – Initial Outreach

- Met on 10/30/25
- Roundabout alts. at SR 44/Canal Street not supported
- In favor of projects to improve Mission/Wallace intersection
- Discussed adding 3rd lane WB on SR 44 and creating local business access road along Canal Street



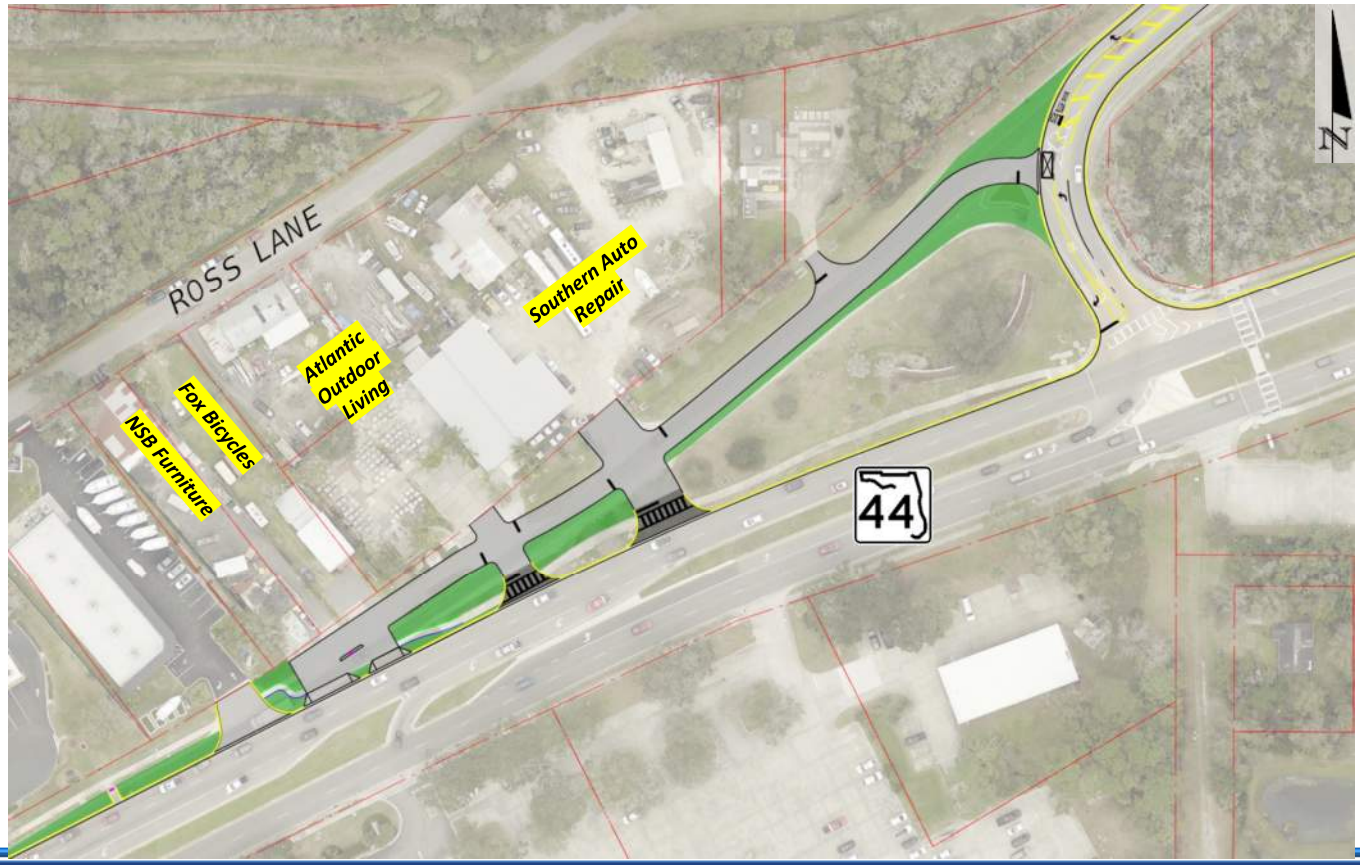
Canal Street Realignment & Business Access Road

- Improvements
  - Introduce curve along Canal Street tying into SR 44 with single SBR
  - 20’ wide business “driveway”/access road
  - Extend driveways for direct access to SR 44
- Construction Cost Estimate
  - Approx. $560K to $650K



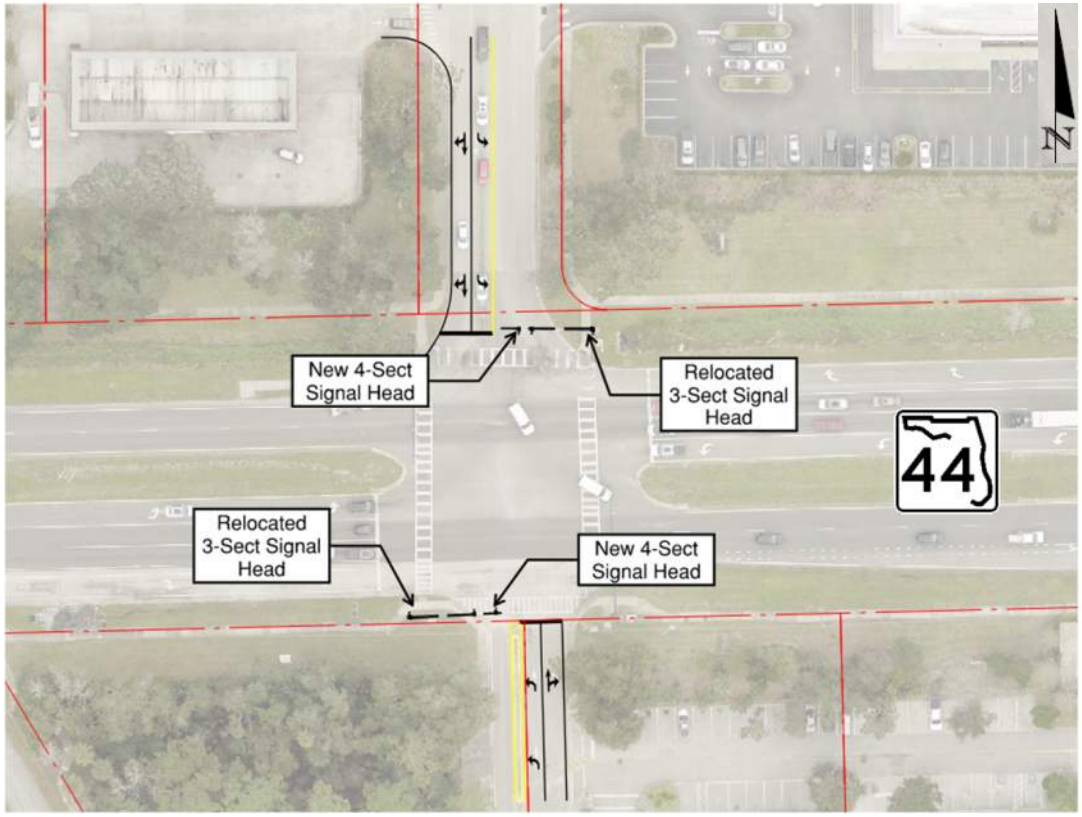
Canal Street Realignment & Business Access Road

- Business Owners Outreach
  - 2nd set of meetings occurred on 2/4/26 and 2/10/26
  - Expressed support for current concept
  - Questions about adding business signage on SR 44
- Next Steps
  - Begin design work pending coordination w/City

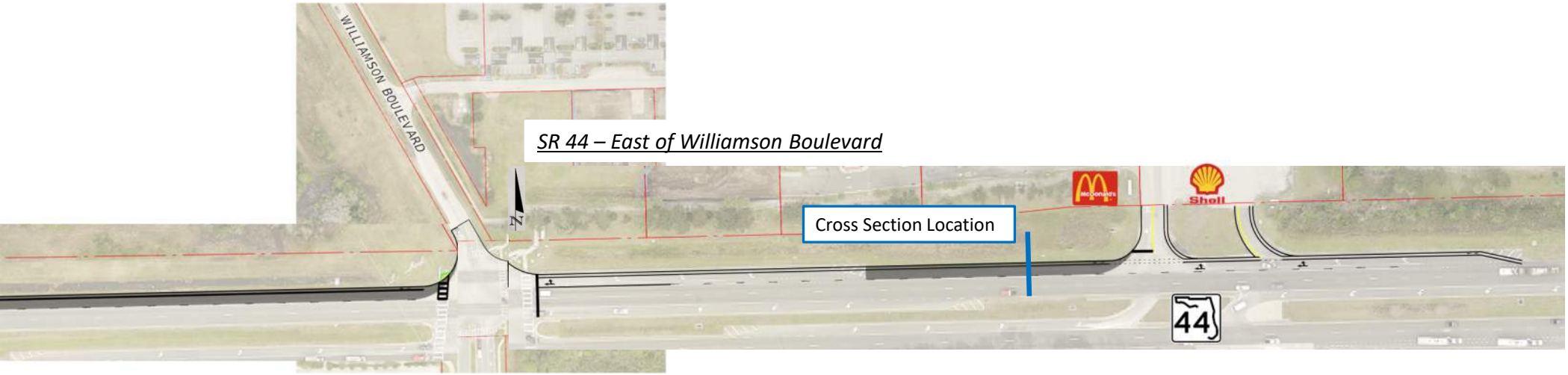


Colony Park Road Intersection

- Improvements
  - Convert existing NB/SB through-left turn lanes to exclusive left turn lanes and shared through-right lanes
  - Add new 4-sect signal heads and relocate 3-sect heads to signal poles
- Construction Cost Estimate
  - Approx. $35K to $50K
- Next Steps
  - Signing/striping package similar to Mission Drive/Wallace Road NB-SB plans
  - Signal head replacement/relocation will also be included



Williamson Blvd. Intersection Improvements





I-95 SB Off Ramp Improvements

- Improvements
  - Add 2nd SBR turn lane
  - Signalize intersection with strain poles
- Construction Cost Estimate
  - Approx. $400K to $500K
- Next Steps
  - Design advancing in conjunction with Williamson Blvd. improvements
  - Anticipated design plan components
    - Roadway
    - Signing & Striping
    - Signalization

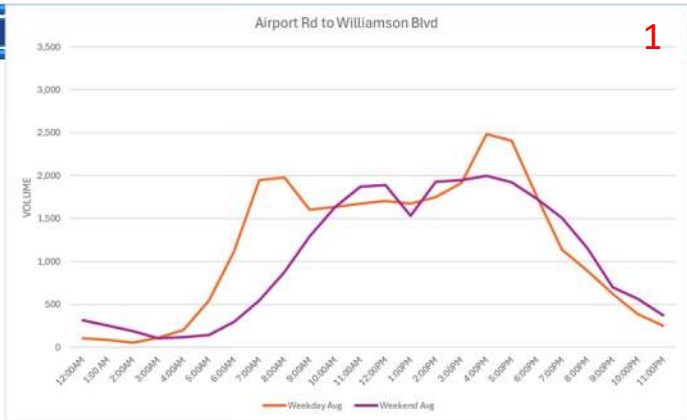


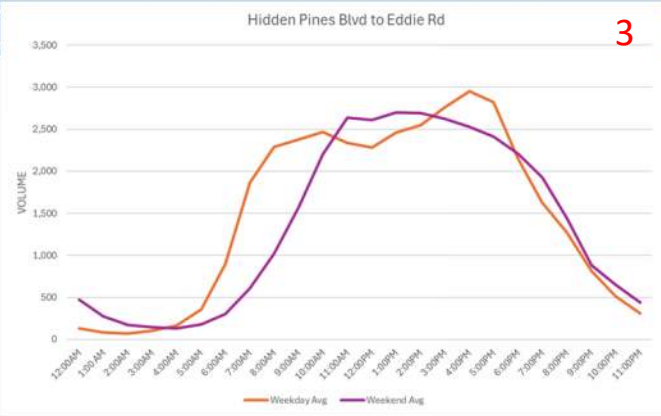
2025 Traffic Analysis – Summary of Volumes

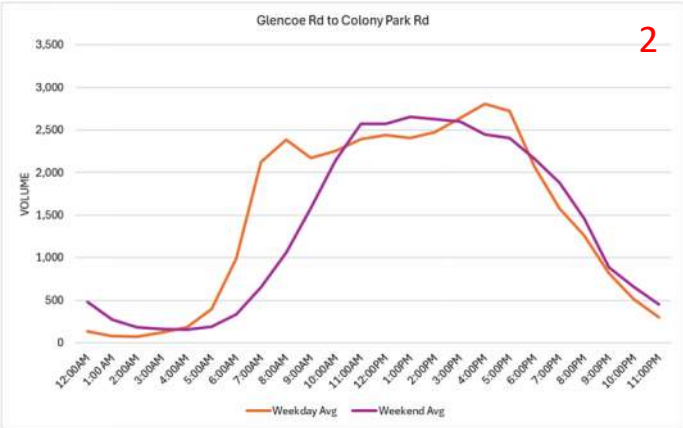


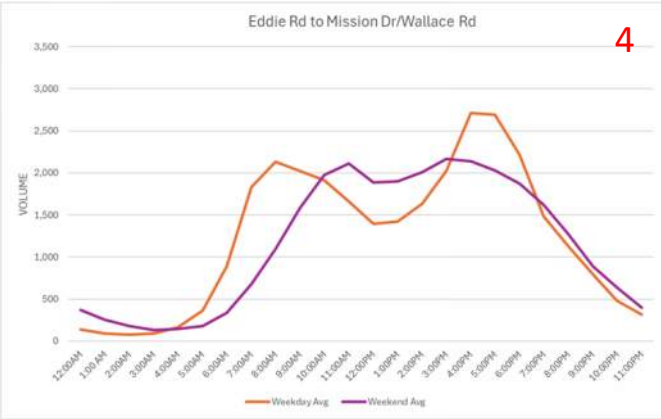
Existing Traffic Analysis – Volume Profiles

- Weekday traffic “peaks” during AM/PM peak hours
- Weekend traffic “peaks” late morning, but consistent through PM
- “Peak” traffic generally higher on weekday than on weekend
- Weekend “peak” spread out over longer time period









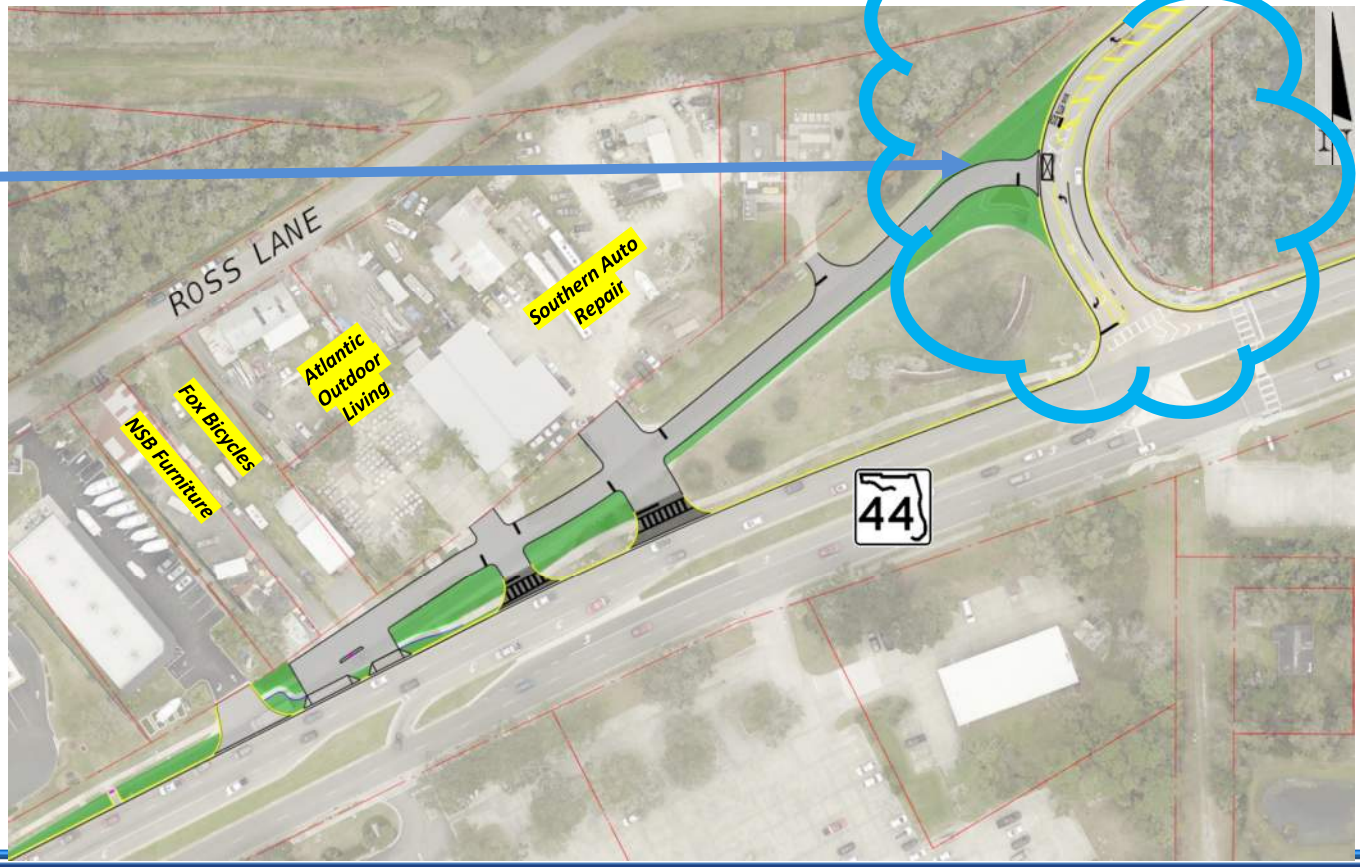
2024 Origin-Destination Analysis

- 2024 O-D data obtained and being analyzed for all vehicles and trucks
  - Calendar year 2024, peak season (March-May) vs summer months (June-August)
  - Day of week: all day, weekday (Tue-Thu) and weekend
  - Time of day: all day, weekday AM peak, weekday PM peak and Saturday peak
  - Various O-D “routes” along corridor
- Most dominant O-D pairs (bi-directional)
  - Full corridor trips: between SR 44 west end and east end
  - Between SR 44 west end and I-95
  - Between Sugar Mill Dr. and I-95
  - Between US 1 and SR 44 East End

Hidden “Build” Animation Slides

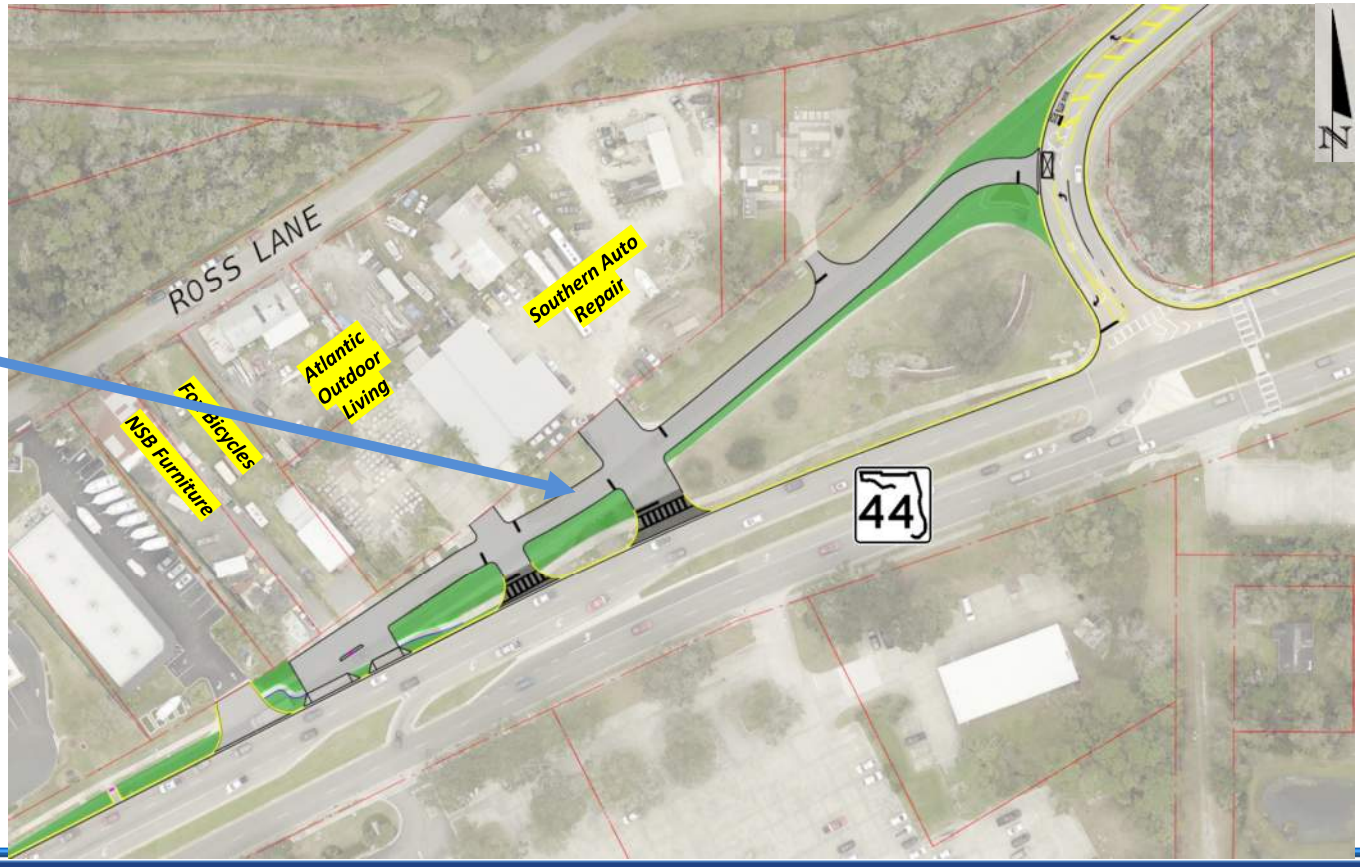
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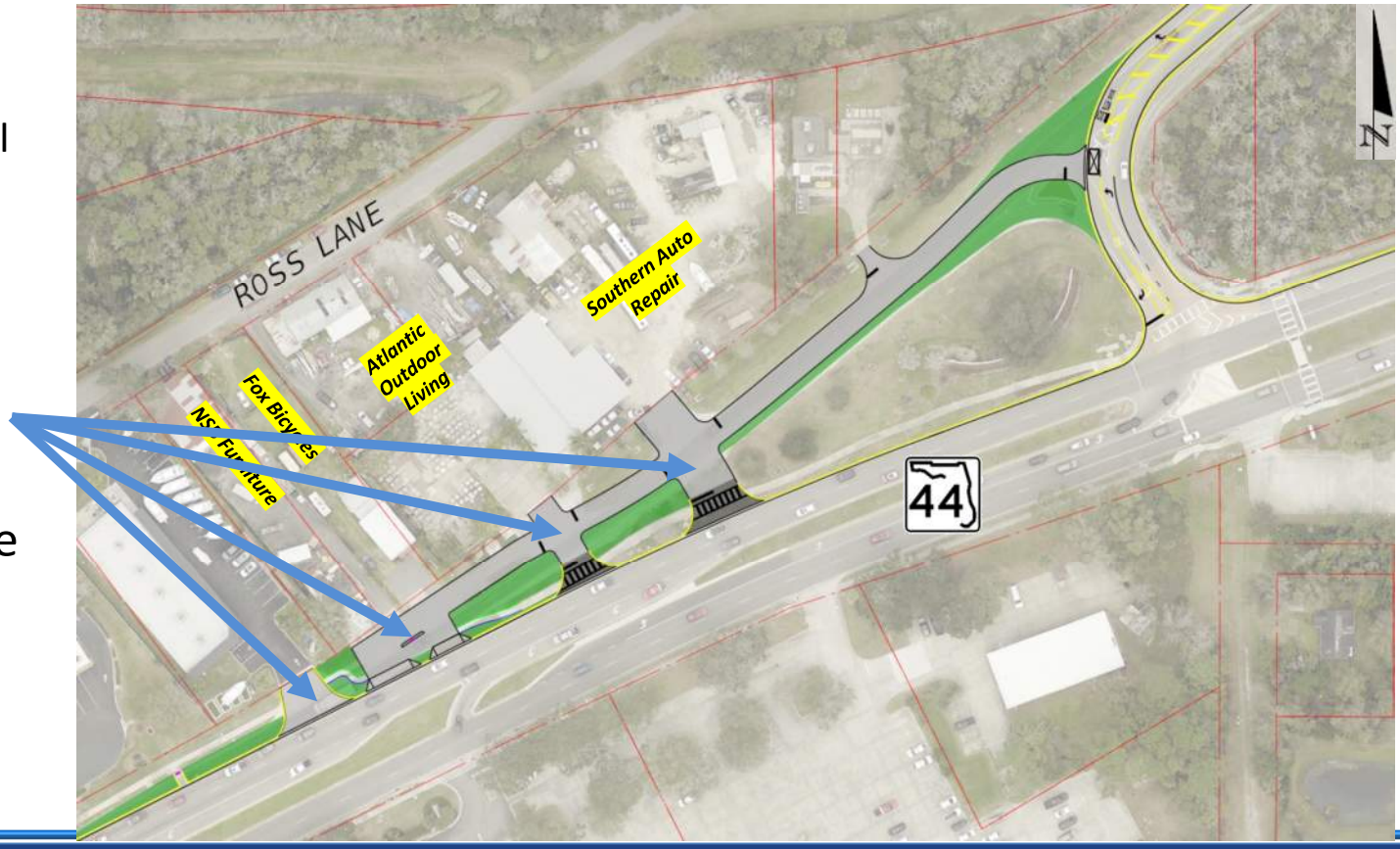
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Williamson Blvd. Intersection Improvements

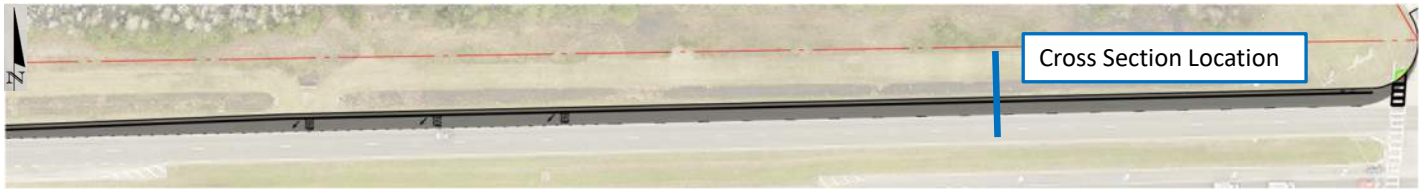
- Improvements
  - Convert existing WBR turn lane to shared WBT+R lane
  - Add new WB "drop" lane west of intersection
- Construction Cost Estimate
  - Approximately $360K to $420K
- Next Steps
  - Initial cross section analysis to determine potential drainage impact



SR 44 – East of Williamson Boulevard



SR 44 – West of Williamson Boulevard



Williamson Blvd. Intersection Improvements

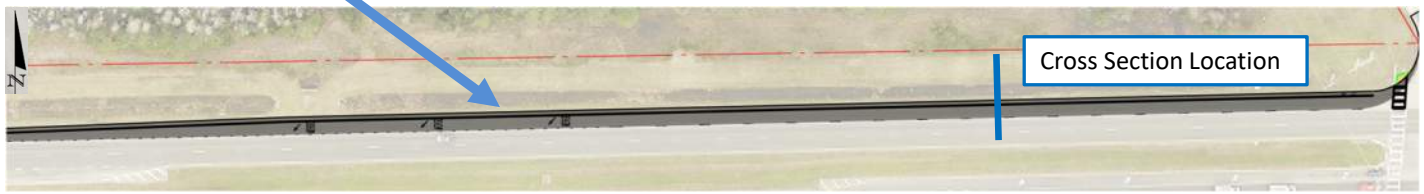


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SR 44 – East of Williamson Boulevard

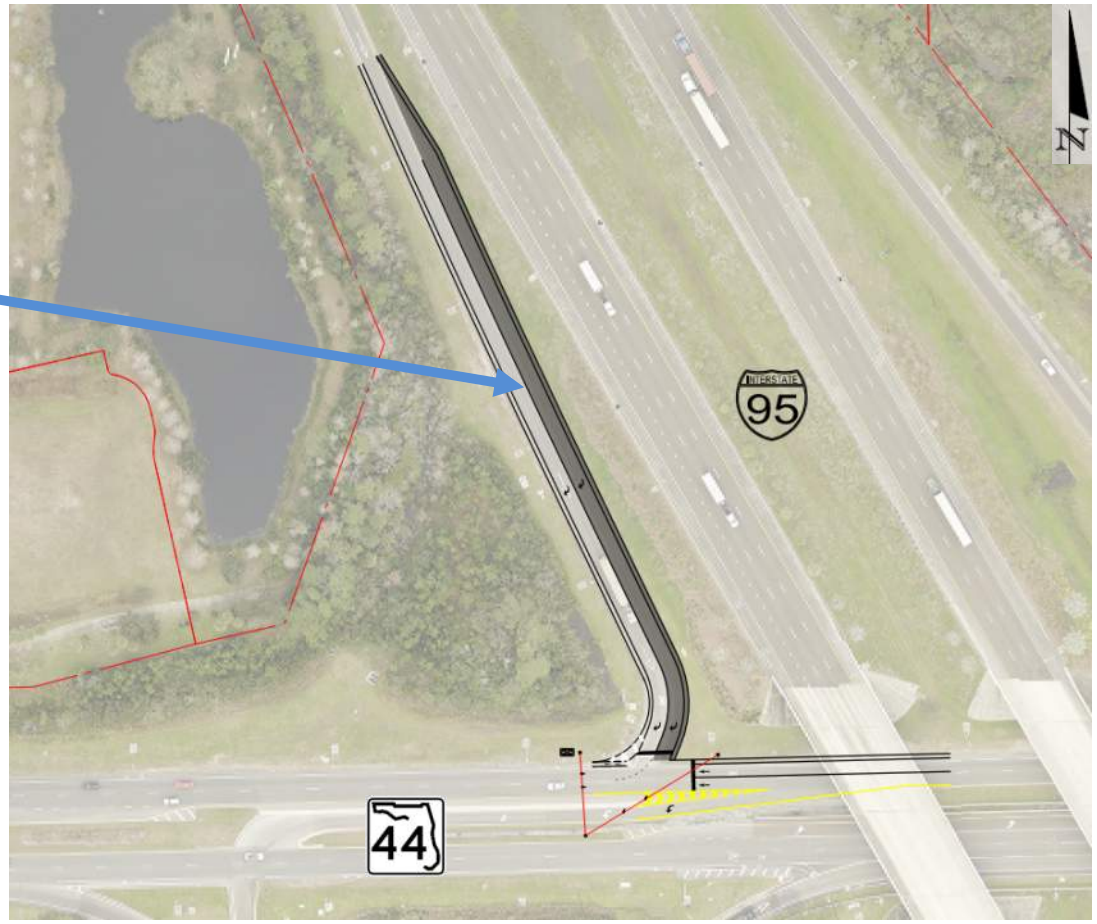


SR 44 – West of Williamson Boulevard



I-95 SB Off Ramp Improvements

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