



Florida Department of
TRANSPORTATION

SR 70 PD&E Study – Lorraine Road to CR 675 (Waterbury Road) Manatee County

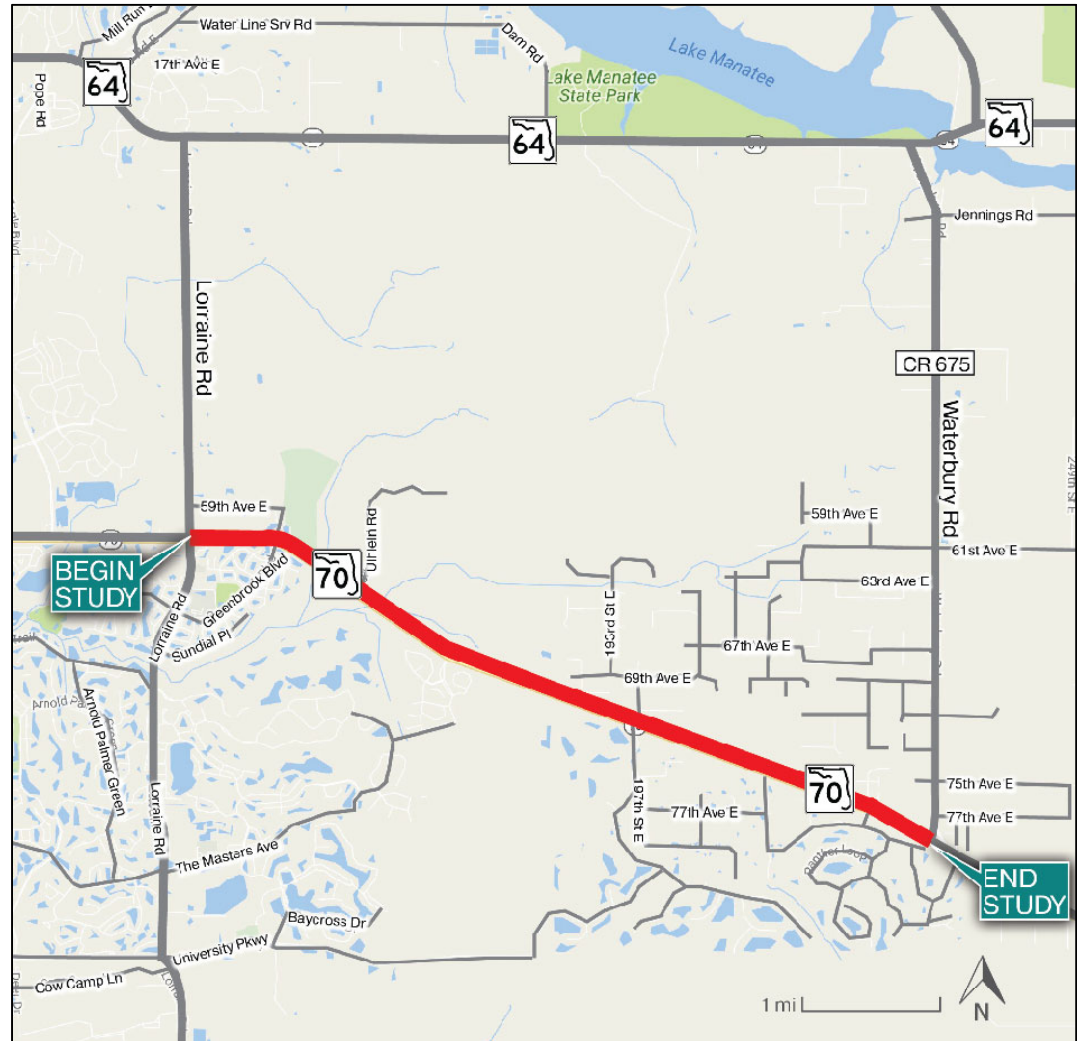
**Public Information Meeting
December 18, 2018**

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated December 14, 2016 and executed by the Federal Highway Administration and FDOT.

Project Location



Lorraine Road east to CR 675 (Waterbury Road) – 6.1 miles



SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Purpose and Need

- Improve traffic operating conditions
- Accommodate projected travel demand, especially increased commuter and freight traffic along the corridor
- Enhance safety along the project corridor
- Improve connectivity to the regional transportation network
- Enhance freight mobility and economic competitiveness



Accelerated Project Development Process



- Design phase typically follows the Project Development and Environment (PD&E) phase
- For this project the PD&E study is being completed concurrently with the design
- Advances the project quickly towards implementation



SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Objective

- Evaluate widening the existing two-lane undivided roadway to a four-lane or six-lane divided roadway
- Document the need for roadway improvements within the SR 70 project corridor
- Determine the least environmentally impactful improvements necessary to address future transportation needs



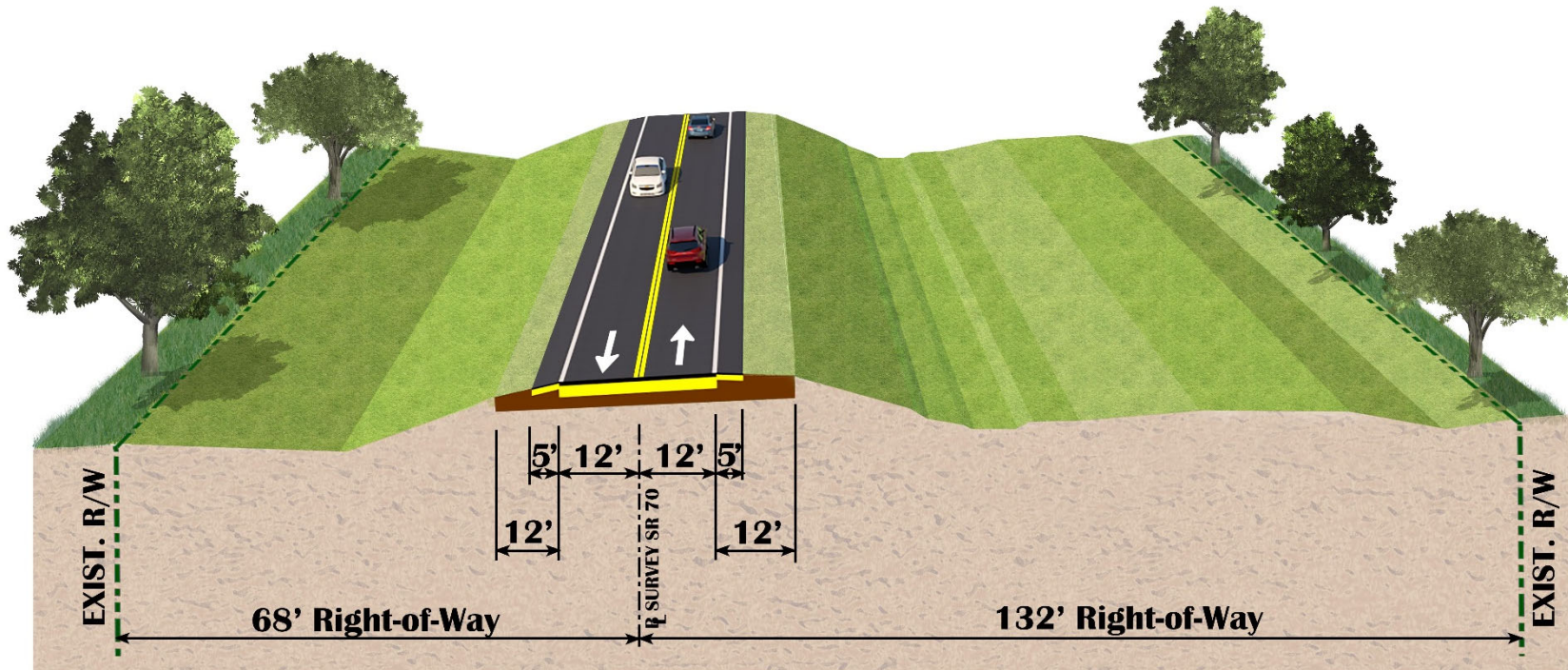
Stakeholder Coordination

- Manatee County
- Sarasota-Manatee Metropolitan Planning Organization (MPO)
 - The project is included in the MPO's 2040 Long Range Transportation Plan, Financially Feasible Plan, and in the FY 2016/2017 – 2020/2021 Transportation Improvement Program (TIP)
- Environmental permitting agencies
- Lakewood Ranch
- Adjacent developments currently under construction: Del Webb, Lennar Homes

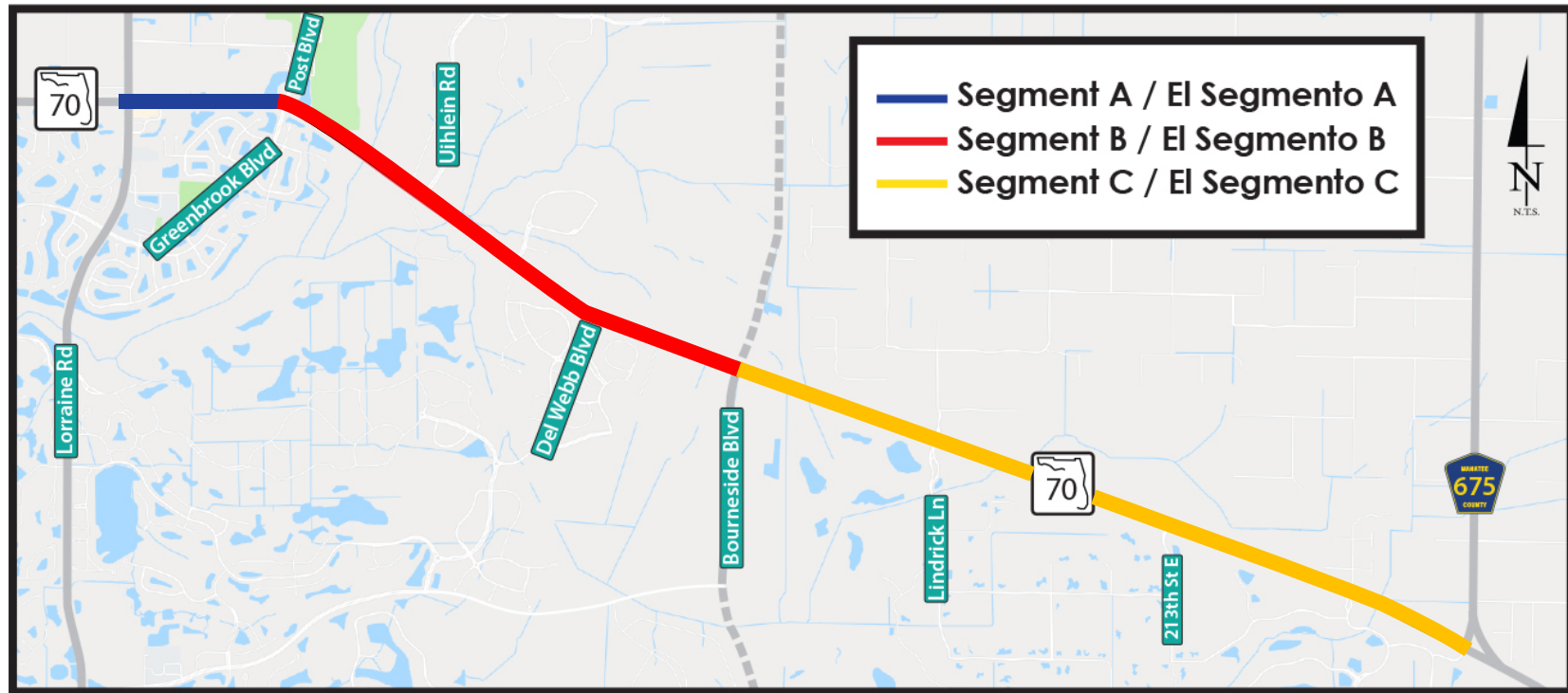


Existing Roadway

SR 70 from Lorraine Road to CR 675 (Waterbury Road)



Project Design Segments



Segment A

Lorraine Road to east of
Greenbrook Boulevard
(0.66 miles)

Segment B

East of Greenbrook Boulevard
to Bourneside Boulevard
(2.19 miles)

Segment C

Bourneside Boulevard
to CR 675
(3.24 miles)

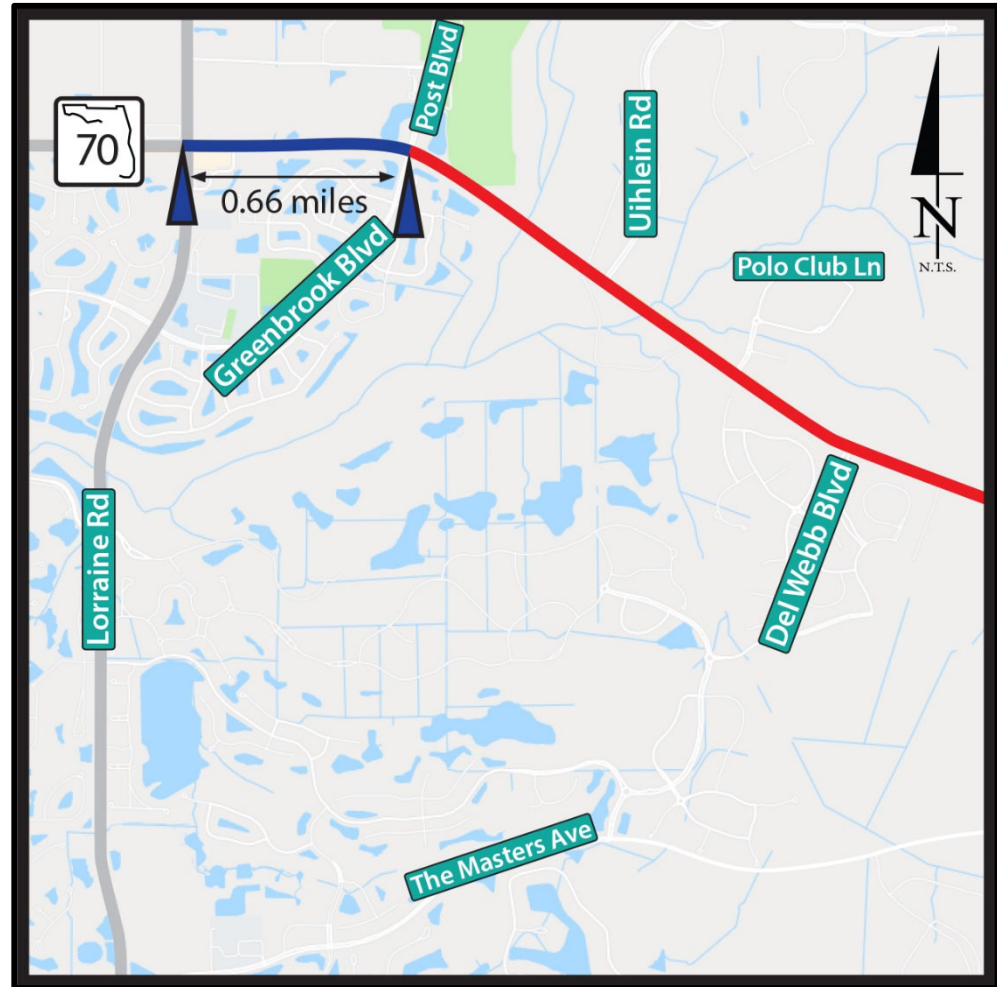


SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Segment A

Lorraine Rd to east of Greenbrook Blvd

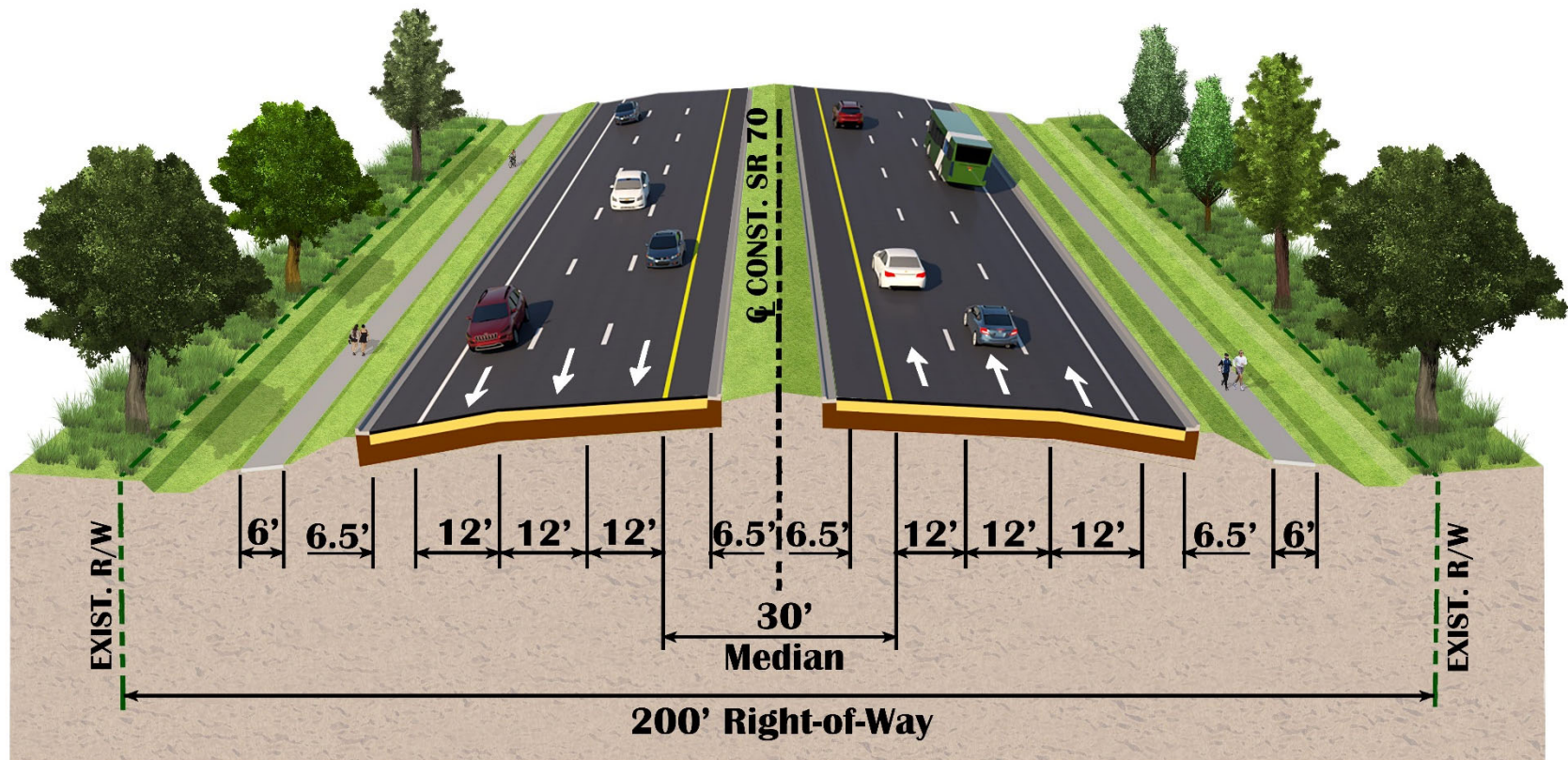
- Right-of-way width is 200 feet
- Existing six-lane section west of Lorraine Road
- Posted speed limit - 60 mph
- Greenbrook Village located south of SR 70 through this segment



SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Segment A – Proposed Typical Section

SR 70 from Lorraine Road to east of Greenbrook Boulevard

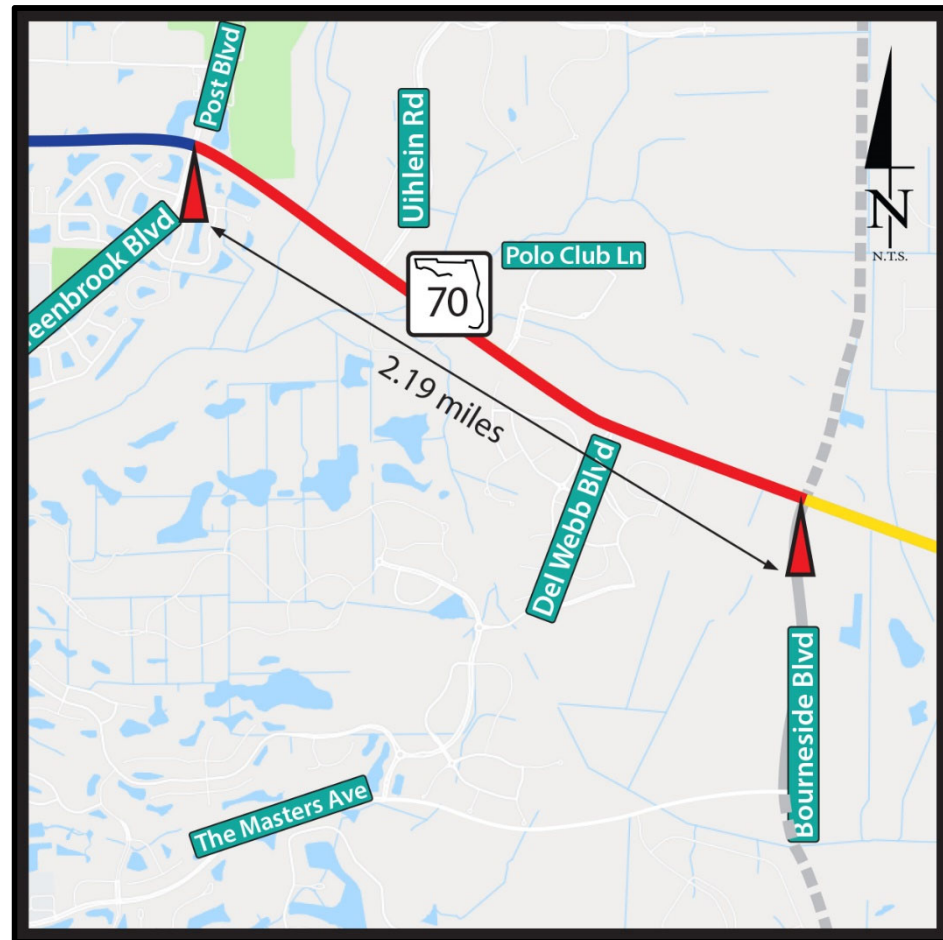


SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Segment B

East of Greenbrook Blvd to Bourneside Blvd

- Right-of-way width is 200 feet
- Posted speed limit - 60 mph
- Large developments currently under construction
 - Lennar Home on the north side
 - Del Webb on the south side
- New roadway, Bourneside Boulevard, being constructed by Lakewood Ranch. Will eventually extend from University Parkway north to SR 64

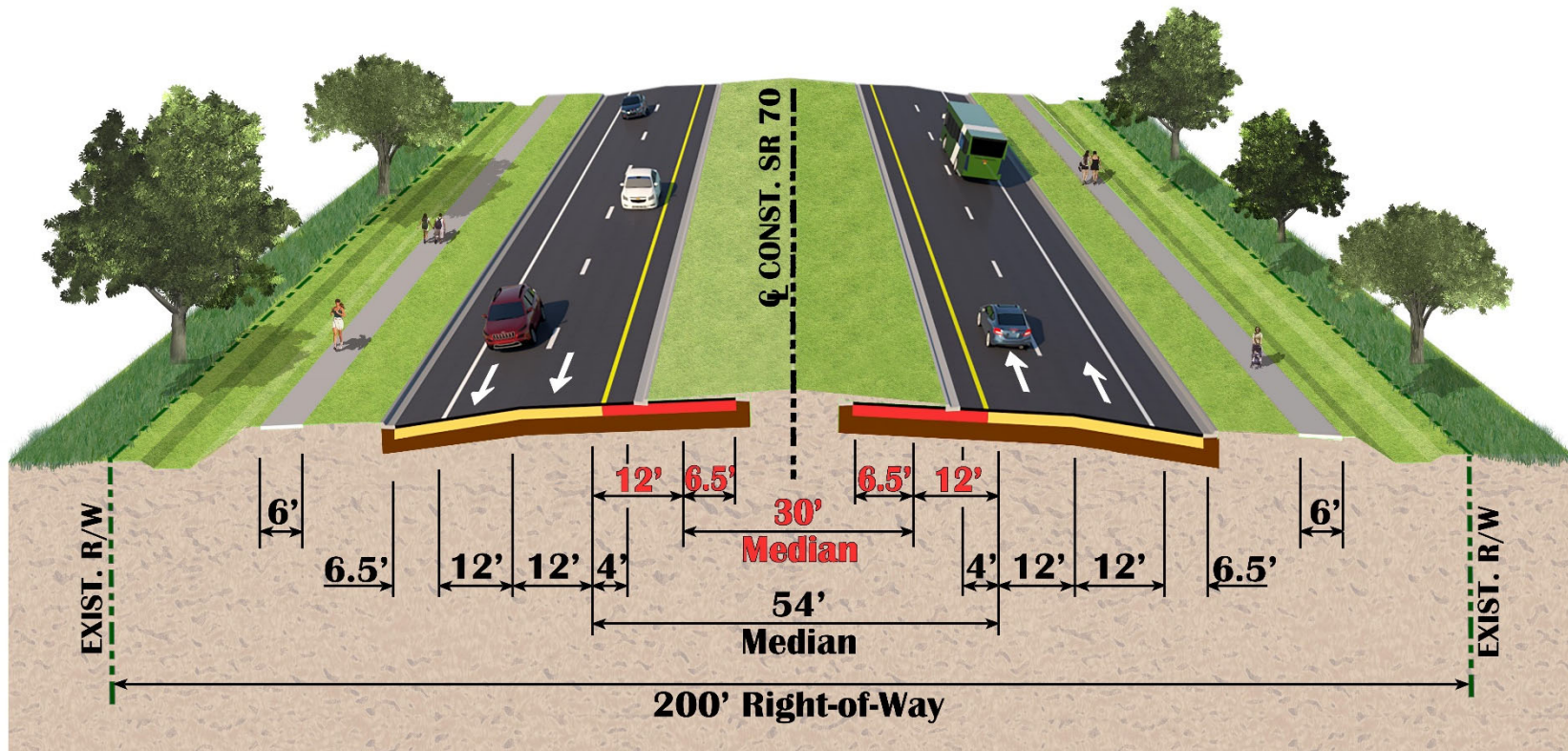


SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Segment B – Proposed Typical Section

SR 70 from east of Greenbrook Boulevard to
Bourneside Boulevard

***Future Widening**

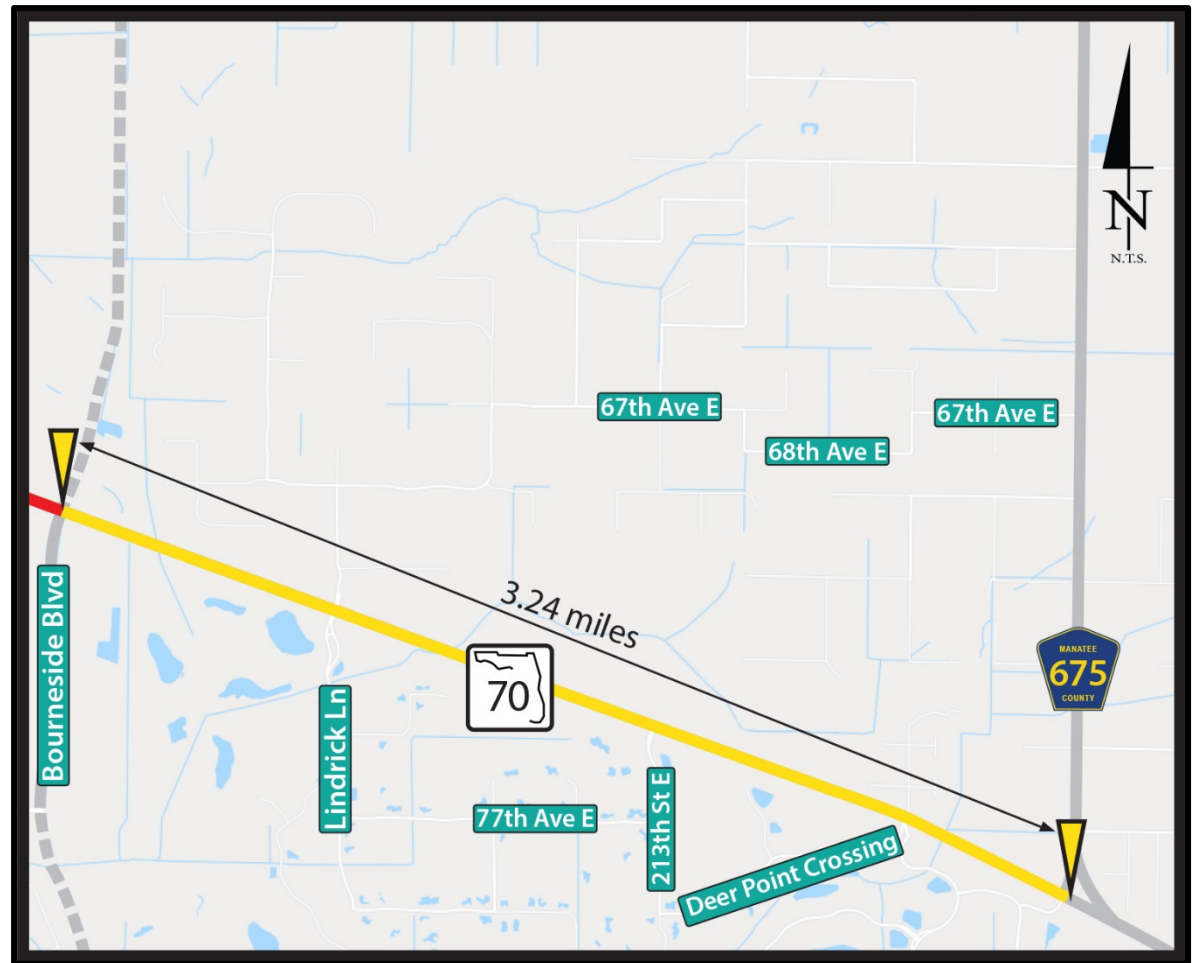


SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Segment C

Bourneside Blvd to CR 675 (Waterbury Rd)

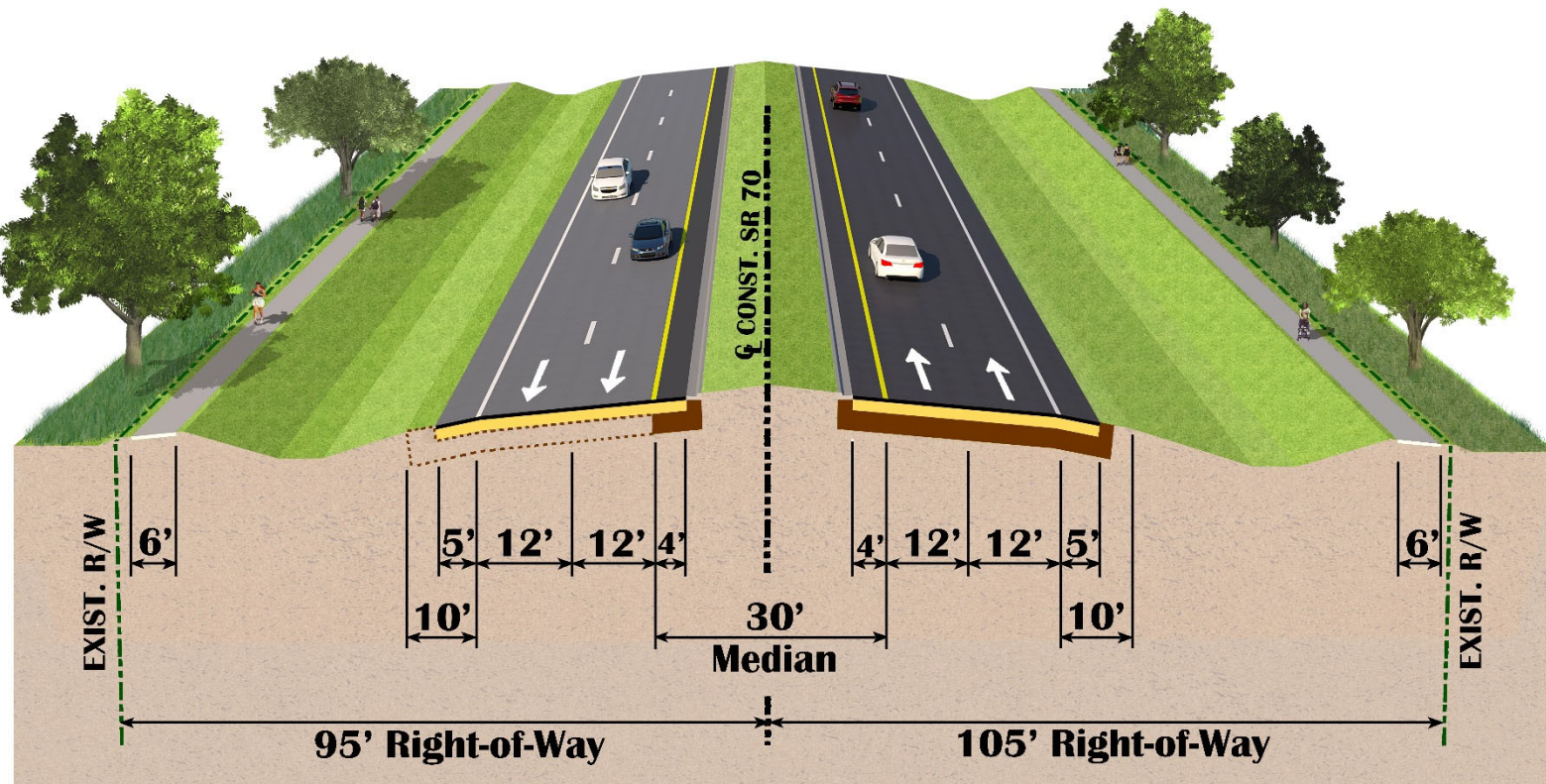
- Right-of-way width is predominantly 200 feet
 - Varies near the CR 675 intersection from 218 feet to 247 feet
- Posted speed limit - 60 mph
- Adjacent land uses are primarily low density residential
- Concessions Golf Club on south side of SR 70
 - Existing 5-foot sidewalk north of the golf club along SR 70



SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Segment C – Proposed Typical Section

SR 70 from Bourneside Boulevard to CR 675 (Waterbury Road)



SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Build Alternative – Other Considerations

- Intersection alternatives being evaluated
 - Greenbrook Boulevard
 - Uihlein Road
 - Del Webb Boulevard
 - Bourneside Boulevard
 - CR 675 (Waterbury Road)
- Stormwater retention and treatment
 - Preliminary pond sites identified
 - Additional right-of-way required for pond sites



No-Build Alternative

Advantages

- No construction costs
- No right-of-way costs
- No disruption of natural, social, cultural or physical resources

Disadvantages

- Does not accomplish purpose and need for project
- Increased traffic congestion
- Not consistent with local transportation plans



Evaluation Matrix

The overall estimated project construction cost for the Build Alternative is **\$ 71.5 million**

Evaluation Criteria	No-Build Alternative	Build Alternative
Centerline Length of Improvement (Feet)	N/A	32,161
Centerline Length of Improvement (miles)	N/A	6.1
Business Impacts		
Number of business relocations	0	0
Residential Impacts		
Number of residential relocations	0	0
Environmental Effects		
Archaeological/Historical sites (potential)	Low	Low
Public parks, recreation areas, or wildlife refuges (acres)	None (0)	None (0)
Noise (impacted receptors)	3	25
Wetland (acres)	0.0	9.4
Floodplains (acres)	0.0	42.2
Threatened and endangered species (potential)	Low	Low
Contamination sites (high / medium)	1/0	1/0
Right-of-Way Needs		
Right-of-way to be acquired for roadway (acres)	0.0	3.6
Right-of-way to be acquired for stormwater facilities (acres)	0.0	64.4
Right-of-way to be acquired for floodplain compensation (acres)	0.0	44.3
Total right-of-way acres	0.0	112.3
Estimated Total Project Costs (2017 Cost)		
Wetland mitigation	\$0	\$1,111,503
Utility relocation costs	\$0	\$0
Right-of-way acquisition for roadway	\$0	\$827,235
Right-of-way acquisition for stormwater facilities	\$0	\$1,260,000
Right-of-way acquisition for floodplain compensation	\$0	\$3,032,000
Total Right-of-way Cost	\$0	\$5,119,235
Construction cost for roadway	\$0	\$67,516,902
Construction cost for stormwater facilities	\$0	\$3,124,816
Construction cost for floodplain compensation	\$0	\$823,502
Total Construction Cost	\$0	\$71,465,220
Design	\$0	\$5,002,565
Construction Engineering & Inspection (15% of the Total Construction Cost)	\$0	\$7,146,522
Preliminary Estimate of Engineering Cost	\$0	\$12,149,087
Preliminary Estimate of Total Project Cost	\$0	\$89,845,045



SR 70 from Lorraine Road to CR 675 (Waterbury Road)

Project Schedule

	2016	2017				2018				2019				2020			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project Begins	◆																
Traffic Analysis		■															
Alternatives Analysis			■														
Develop Preliminary Reports			■														
Public Information Meeting									☆								
Design			■														
Public Hearing/ Design Workshop											☆						
Submit Final PD&E Documents												✓					
Project Completed																	◆

✓ Report/Plan Submittals

☆ Public Meetings



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Funding

- Right-of-Way Acquisition – Begins 2019
- Construction – Begins 2022



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Give Us Your Comments!

- Options:
 - Complete a comment form here tonight and drop it in a comment box
 - Take a comment form with you and mail it back by January 4, 2019
 - Visit project website at <http://swflroads.com/sr70/lorrainerdtocr675/home.html>
 - Email or call project manager David C. Turley at David.Turley@dot.state.fl.us or (863) 519-2255





Florida Department of
TRANSPORTATION

**Thank you for joining us for the
Public Information Meeting!**
