

APPENDIX 3A

Project Coordination Meeting Minutes

Meeting Summary



Project:	SR 434 Corridor Study, from Rangeline Road to US 17-92 (FM# 435777-1)		
Subject:	Project Visioning Team Meeting #3		
Date and time:	December 12, 2016 2:00 – 3:30	Meeting no:	
Meeting place:	City of Longwood Commission Chambers	Minutes by:	Lance Decuir
Present:	Todd Davis Heather Garcia Angela Cardona Shad Smith Troy Hickson Chris Kintner Tom Krueger Myles O'Keefe Elizabeth Whitton Lance Decuir Wiatt Bowers	Representing:	VHB - FDOT In-house GEC FDOT - Planning Manager Seminole County City of Longwood City of Longwood City of Longwood City of Longwood LYNX Metroplan Orlando Atkins Atkins

Heather Garcia, Todd Davis, and Lance Decuir began the meeting by giving a background of the SR 434 Corridor Study and presented a PowerPoint presentation detailing which options were presented at the public meeting and a summary of the preferences received at the meeting (attached). A copy of the power point presentation is attached to these minutes. The following comments were discussed at the meeting:

- During discussion of textured concrete/brick pavers that would potentially take the place of the 3' grass strip between sidewalk and roadway, Shad S. asked who would maintain the 3' strip and Heather G. mentioned that it would depend on what material is used for the 3' strip.
- Myles O. said that Lynx would prefer the stamped concrete. The group agreed to go with the stamped for now.
- Underground utilities are a concern of the City of Longwood. If utilities are an issue, 3' grass strip would remain in place. *The study team will review existing utility information to confirm that utilities within the grass strip would not cause an issue.*
- The design of the bike lane on SR 434 and CR 427 was discussed. Angela C. mentioned that FDOT commented on the draft design scope for the intersection project, which included a 4' bike lane, FDOT requested 7' buffered bike lane. *Todd D. is going to coordinate with George B. and Stephen B. regarding this matter.*
- The bridge over CR 427 was discussed. City staff mentioned that they saw some of the benefits of the bridge, but they ultimately felt like the redevelopment of the downtown area would be tough sell to local businesses if the bridge alternative was further pursued.
- The slip lane at the intersection of CR 427 and SR 434 was discussed. Everyone agreed that this was a good option to explore further and move forward with. The study team will analyze the need for southbound right turn lanes on CR 427. For the eastern section of SR 434 (from CR 427 to US 17-92), the group agreed that it would be best to explore option 1E (4 11' travel lanes, 16' raised median, no bike lanes), **with an 8' reconstructed sidewalk, which is modification from 3' textured pavement over the existing utility strip as originally shown.** Elizabeth W. mentioned that the MPO has a policy in place that allows for parallel networks to provide for bicycle accommodations for situations similar to this. This would require the City to place sharrows or bike lanes on the facilities that they want to designate as parallel facilities.

- There was discussion about the need for the FDOT SR 434 Corridor Study and the Seminole County intersection project at SR 434 and CR 427 to coordinate together regarding necessary improvements at the intersection. It was discussed that the construction of the Seminole County intersection project at CR 427 and SR 434 has not been programmed yet. *The 434 Study Team will coordinate with the County.*
- The City mentioned that they would like to see the pedestrian bridge over Lake Evergreen sooner rather than later. This will require further coordination between FDOT and the City of Longwood.
- Funding – Elizabeth W. \$3M for ROW this fiscal year, \$3M for ROW next fiscal year, \$2M construction for FY 19-20. Next MPO update will look to add \$10M construction FY 21-22 (tentative until approved July 1, 2017).
- The Study Team presented a new option that included a median opening at Highline Drive on the western portion of the study. This was in response to the City's concerns that large trucks coming from the south of SR 434 in the vicinity of Highline Drive currently have no way to access westbound SR 434 except by going through parking lot and coming out at the Rangeline Road signal. The City mentioned that the property east of the SunTrust Bank may be redeveloped, and if so, cross-access connecting Savage Court and Highline Drive could be provided. In addition, the City continues to explore the potential of connecting this area with Florida Central Parkway, as well as the potential of extending Highline Drive north to connect with proposed development north of Warren Avenue.
- Heather G. said that FDOT was looking for more design level detail from these studies and that the Study Team had a lot to do before completing this study.
- Summary of agreed upon improvements
 - ❖ Rangeline Road to CR 427 – Option 1W
 - ❖ Intersection – New one direction right turn lane
 - ❖ CR 427 to US 17-92 – Option 1E with 8' reconstructed sidewalk

Meeting Summary



Project:	SR 434 Corridor Study, from Rangeline Road to US 17-92 (FM# 435777-1)		
Subject:	Sunrail Follow-Up Discussion Meeting		
Date and time:	February 2, 2017 - 10:30 AM	Meeting no:	
Meeting place:	CFRC Operations Control Center - Sanford, FL	Minutes by:	Atkins
Present:	Miguel Torres Pamela Mc.... Doug Heather Garcia Todd Davis Wiatt Bowers Steve McWilliams Gabriela Lopez Jeanette Maldonado	Representing:	Sunrail Sunrail Sunrail FDOT FDOT Atkins Atkins Atkins Atkins

The meeting began with a quick introduction of all those present and a safety briefing by Doug from Sunrail. Todd Davis, FDOT PM followed with a background of the SR 434 Corridor Study. Wiatt Bowers, Atkins PM presented the two slip lane alternatives for the SR 434 / Ronald Reagan intersection and their impact on the railroad tracks and gates. A copy of the two alternatives is attached to these minutes. The following comments were discussed at the meeting:

- Two alternatives for the slip lane were presented. Alternative 1 requires moving the existing railroad gate on southbound Ronald Reagan closer to the railroad tracks. Alternative 2 requires relocation of the existing transmission pole.
 - Miguel Torres from Sunrail informed us that the existing gate in question in Alternative 1 is already being moved as part of a separate project. It is currently under design and will be located 11' from the edge of the railroad tracks and the arm will be parallel to the tracks.
 - Miguel Torres also informed us that if the existing transmission pole has to be moved in Alternative 2, there is no problem moving it into the Sunrail corridor/ROW area.
- Modifications to the intersection of Ronald Reagan and Bay Avenue (at the beginning of the proposed slip lane) were discussed. The slip lane will have its own right turn lane into it. This will prevent the slip lane from being blocked by vehicles that are not making a turn. The right turn lane will pick up again south of the train tracks.
 - Atkins will modify both alternatives to show this.
- The dynamic envelope at the Ronald Reagan railroad crossing was discussed. A copy of the escape areas proposed at the Ronald Reagan railroad crossing is attached to these minutes.
 - Atkins will add the escape areas and proposed design on Ronald Reagan to the slip lane alternative plans.
- Pamela from Sunrail suggested evaluating a dynamic envelope on the SR 434 tracks to see if it warrants adding to the recommendations.
- Wiatt mentioned that Atkins has been in coordination with Myles O'Keefe, Senior Planner at Lynx regarding the proposed bus stop along the southbound right turn lane on Ronald Reagan

- Lynx requested that the bus stop be located approximately 160 feet south of the railroad crossing. This seems to be a good location to allow vehicles to get around the bus in order to still access the right turn lane.
 - Pamela from Sunrail made a comment about making sure that no vehicles get stuck over the railroad tracks if the bus is stopped.
 - The proposed bus stop location is currently show on the slip lane alternative plan sheets.
- The slip lane alternative plan sheets also show the proposed widening to the SR 434 median to include additional gates for the railroad tracks on the west leg of the intersection.
- Adding a fence along the slip lane and along the proposed park was also discussed. A fence will be added between the existing railroad tracks and the proposed slip lane. The fence will be located 12' from the centerline of the track. A fence will also be added at the property line between the existing railroad track and the proposed park on the triangle area at the northwest corner of the SR 434 / Ronald Reagan intersection.
 - Atkins will incorporate the proposed fence locations to the slip lane alternative plans.

Meeting Summary



Project:	SR 434 Corridor Study, from Rangeline Road to US 17-92 (FM# 435777-1)		
Subject:	Seminole County Follow-Up Meeting		
Date and time:	February 28, 2017 - 8:30 AM	Meeting no:	
Meeting place:	Seminole County Public Work Engineering - Sanford, FL	Minutes by:	Atkins
Present:	Angela Cardona Brian Fuller Heather Garcia Todd Davis Wiatt Bowers Jeanette Maldonado	Representing:	Seminole County Metric FDOT FDOT/ VHB Atkins Atkins

The meeting began with a quick introduction of all those present. A copy of the sign in sheet is attached to these minutes. Heather Garcia followed with a background of the SR 434 Corridor Study. Wiatt Bowers presented the proposed layout for the SR 434 / CR 427 (Ronald Reagan Boulevard) intersection, including the proposed “slip lane” configuration. A copy of the proposed intersection layout is attached to these minutes. The following comments were discussed at the meeting:

- FDOT’s design for the intersection layout has been updated to include comments from FDOT’s SunRail, Traffic Operations, and Design groups.
- FDOT’s intersection layout has been discussed and coordinated with Lynx and SunRail.
- Seminole County’s proposed intersection design requires a total take of the American Lube property west of the proposed slip lane. FDOT is contemplating partial take (at most) of that property. Seminole County’s plans include widening of SR 434 to the north both east and west of the intersection.
- A discrepancy in the ROW lines used by Atkins (FDOT’s consultant) and Metric (Seminole County’s consultant) was discovered.
 - Atkins will verify the ROW lines with FDOT and revise plans as necessary. Once ROW is verified and plans are revised, follow up meetings will be scheduled with Seminole County and City of Longwood.
- The length of the double left turn lanes from eastbound SR 434 to northbound Ronald Reagan was also discussed.
 - Seminole County’s design starts the second left turn lane at the railroad tracks.
 - FDOT’s design starts the dual left turn lanes before the railroad tracks.
- Angela Cardona mentioned that the City of Longwood has an existing reservation on the south side of SR 434 west of the intersection. There is a possibility that the City will be reducing the reservation as part of a deal with the developer of the property on the southwest corner of the intersection.
 - Coordination between FDOT and the City of Longwood is necessary regarding the ROW reservation.
 - UPDATE: The City of Longwood currently maintains a 13 foot reservation easement from the edge of right-of-way along SR 434, with a 30x30 foot corner clip at the southwest corner of the SR 434 / CR 427 intersection.

Meeting Summary



Project:	SR 434 Corridor Study, from Rangeline Road to US 17-92 (FM# 435777-1)		
Subject:	City of Longwood Follow-Up Meeting		
Date and time:	March 16, 2017 - 9:00 AM	Meeting no:	4
Meeting place:	City of Longwood City Hall - Longwood, FL	Minutes by:	Atkins
Present:	Shad Smith Tom Krueger Chris Kintner Heather Garcia Todd Davis Wiatt Bowers Jeanette Maldonado	Representing:	City of Longwood City of Longwood City of Longwood FDOT FDOT/ VHB Atkins Atkins

The meeting began with an introduction and overview of the SR 434 Corridor Study by Heather Garcia and Wiatt Bowers. A copy of the sign in sheet is attached to these minutes. The proposed layout for the SR 434 / CR 427 (Ronald Reagan Boulevard) intersection, including the proposed “slip lane” configuration was discussed. A copy of the proposed intersection layout as well as the SR 434 Corridor Study Plans are attached to these minutes. The following comments were discussed at the meeting:

- FDOT’s design for the intersection layout has been updated to include comments/input from FDOT’s SunRail, Traffic Operations, and Design groups.
- FDOT’s intersection layout has been discussed and coordinated with Lynx, SunRail and Seminole County.
- The City of Longwood staff informed us that they plan on letting a project for the striping and the improvements shown in purple on Ronald Reagan (see intersection layout) in March of 2018.
- The City of Longwood would like to see a sidewalk along the slip lane.
 - At this moment the plans will not be revised, but the City of Longwood will submit a request for a sidewalk.
- The City of Longwood will forward Kimley-Horn’s design to FDOT which shows a slightly different configuration of the gore area near the entrance of the slip lane.
- The City of Longwood staff stated a desire to add bike lanes on CR 427 south of the intersection (Ronald Reagan) during a future resurfacing. In order to accommodate for that, Atkins will revise FDOT’s plans to add a 4’ bike lane keyhole adjacent to the Ronald Reagan southbound right turn lane to SR 434. A “bike lane ends ahead” sign will be added at the beginning of the turn lane to allow bike riders the option to continue on the roadway or move over to the sidewalk.
- The ROW impacts along the west leg of the intersection were discussed.
 - The 13’ ROW reservation along the southwest parcel of the intersection is needed for the addition of the eastbound right turn lane onto Ronald Reagan.
 - The American Lube Center property will likely be impacted approximately 4-5’ behind the existing ROW
 - There are approximately 5 parking spaces along the front of the ACE Hardware store that will be impacted.

- FDOT will provide a summary of the updated concepts, based upon internal review, and forward to the City of Longwood for concurrence.
- The City of Longwood staff informed everyone of some additional development and plans that will have future impacts on the SR 434 corridor.
 - There will likely be proposed signal requests on SR 434 at the Oleander and Highline intersections associated with development plans being submitted to the City. At Highline, the Dunkin Donuts parcel may be reconfigured, allowing their existing parking lot drive lane to be converted to a street.
 - There are proposed plans for re-development of the southwest parcel at the intersection of SR 434 and 17-92.
- FDOT staff shared a draft graphic of the corridor with proposed improvements and who's doing what. The graphic will be updated to include proposed improvement year and additional information and will be shared with all those involved.

Meeting Summary

Project:	SR 434 Corridor Study, from Rangeline Road to US 17-92 (FM# 435777-1)		
Subject:	Seminole County Follow-Up Meeting		
Date and time:	May 8, 2017 - 1:30 PM	Meeting no:	
Meeting place:	Seminole County Public Works Engineering - Sanford, FL	Minutes by:	Atkins
Present:	Angela Cardona Anthony Nelson Jean Jreij Brian Fuller Heather Garcia Todd Davis Wiatt Bowers Jeanette Maldonado Gabriela Lopez	Representing:	Seminole County Seminole County Seminole County Metric FDOT FDOT/ VHB Atkins Atkins Atkins

The meeting began with a quick background of the SR 434 Corridor Study, focusing on the revisions that have been made to the intersection of SR 434 and CR 427 (Ronald Reagan Boulevard) since our last meeting on February, 28 2017. Todd Davis presented the proposed layout for the intersection, including the proposed “slip lane” configuration. A copy of the SR 434 Corridor Plans (including the proposed intersection and slip lane layout is attached to these minutes). The following comments were discussed at the meeting:

- FDOT’s design for the intersection and slip lane layout has been updated to include comments from FDOT’s SunRail, Traffic Operations, and Design groups, Seminole County, and the City of Longwood. Coordination has also occurred with Lynx.
- Since our last meeting in February, the following have been revised:
 - The right-of-way at the intersection.
 - ❖ The previous plans showed the parcel lines on SR 434 near the intersection. FDOT’s right-of-way is now shown.
 - The intersection layout (lane alignment).
 - ❖ The lanes on the west leg of the intersection have slightly moved south to decrease the through lane shift across the intersection.
 - ❖ The taper length on westbound SR 434 (near the slip lane) has been increased to provide a smoother transition for the median drop.
 - ❖ The number of lanes has remained the same.
 - A 6’ sidewalk has been added along the slip lane.
 - ❖ On the west side, away from the railroad tracks
 - ❖ Fence will be added along the railroad tracks per SunRail’s request.
 - The slip lane has been widened to 15 feet
 - ❖ 4’ bike lane, 11’ travel lane
 - The bike lanes on the west leg of the intersection merge with the sidewalk at Wilma Street.
- The following were also discussed at the meeting:
 - Utility relocations (drainage, power poles and transmission lines). A contingency has been included in the cost estimate. The poles are by permit and this affects who pays for relocations. Exact relocations will be addressed within design plans.
 - Right-of-way acquisition costs will be updated by FDOT.
- Jean Jreij requested that this concept be presented by FDOT at a workshop at the next Seminole County Commission meeting (currently scheduled for June 13, 2017). FDOT and Seminole County will further coordinate on meeting specifics.

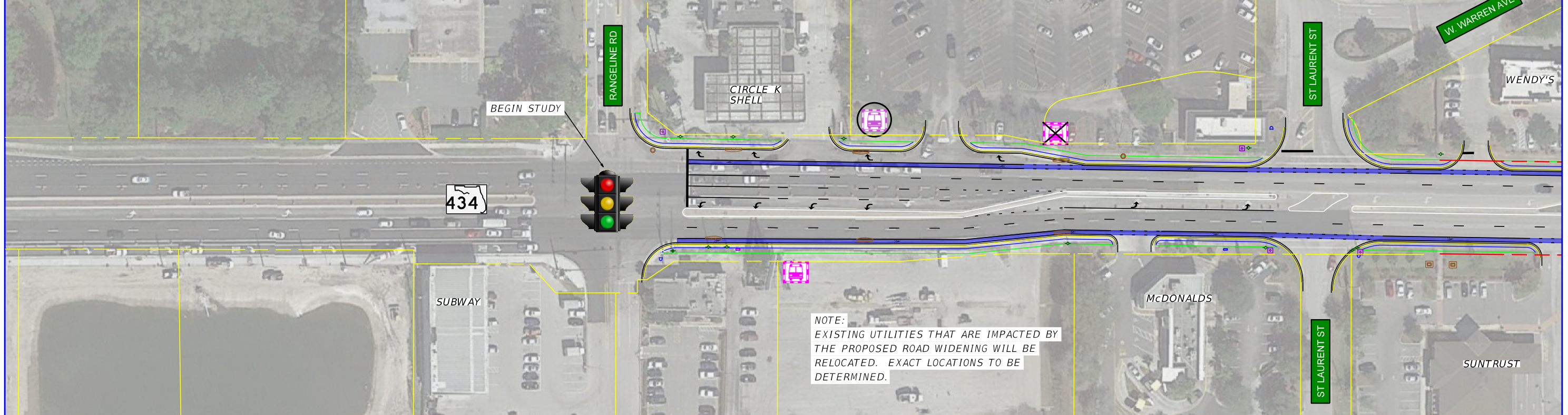
APPENDIX 3B

Improvement Concepts

EXISTING



PROPOSED



NOTE:
EXISTING UTILITIES THAT ARE IMPACTED BY THE PROPOSED ROAD WIDENING WILL BE RELOCATED. EXACT LOCATIONS TO BE DETERMINED.

BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
ROADWAY RIGHT-OF-WAY	MILLING & RESURFACING	PROPOSED CHANGES	WATER HYDRANT	CURB INLET	EXISTING BUS STOP LOCATION
RIGHT-OF-WAY RESERVATION	NEW MEDIAN		NEW FENCE	MANHOLE	
EXISTING PROPERTY LINES	NEW SIDEWALK	SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE			

PRELIMINARY CONCEPT - FOR DISCUSSION ONLY

- UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED AND/OR SURVEYED.
- RIGHT-OF-WAY AND PROPERTY LINES ARE GEOGRAPHICAL REPRESENTATIONS ONLY AND DO NOT DEPICT ACCURATE BOUNDARIES. DO NOT USE TO DESCRIBE, ASSESS, OR OTHERWISE ESTABLISH THE LIMITS OF PROPERTIES OR LOCATIONS OF FEATURES IN RELATION TO PROPERTY LINES SHOWN HEREIN.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	DATE
SR 434	SEMINOLE	MAY 2017

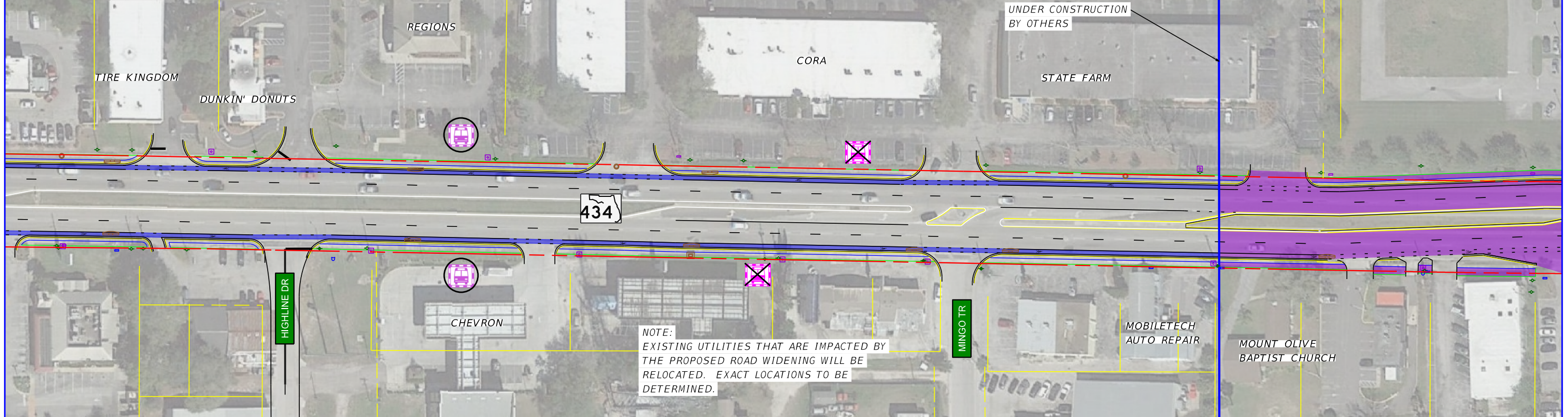
SR 434 CORRIDOR STUDY
RANGELINE ROAD TO 17-92

SHEET NO.
1

EXISTING



PROPOSED



BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
ROADWAY RIGHT-OF-WAY	MILLING & RESURFACING	PROPOSED CHANGES	WATER HYDRANT	CURB INLET	EXISTING BUS STOP LOCATION
RIGHT-OF-WAY RESERVATION	NEW MEDIAN		NEW FENCE	MANHOLE	
EXISTING PROPERTY LINES	NEW SIDEWALK	SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE			

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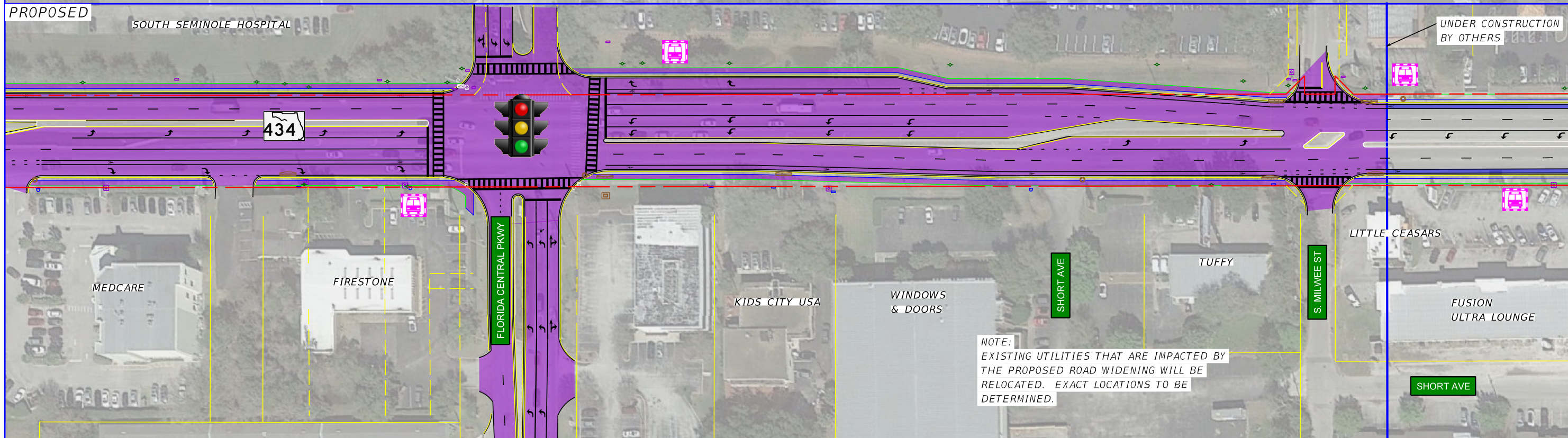
SR 434 CORRIDOR STUDY
 RANGELINE ROAD TO 17-92

SHEET NO.
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EXISTING



PROPOSED



BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
ROADWAY RIGHT-OF-WAY	MILLING & RESURFACING	PROPOSED CHANGES	WATER HYDRANT	CURB INLET	EXISTING BUS STOP LOCATION
RIGHT-OF-WAY RESERVATION	NEW MEDIAN		NEW FENCE	MANHOLE	
EXISTING PROPERTY LINES	NEW SIDEWALK	SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE			

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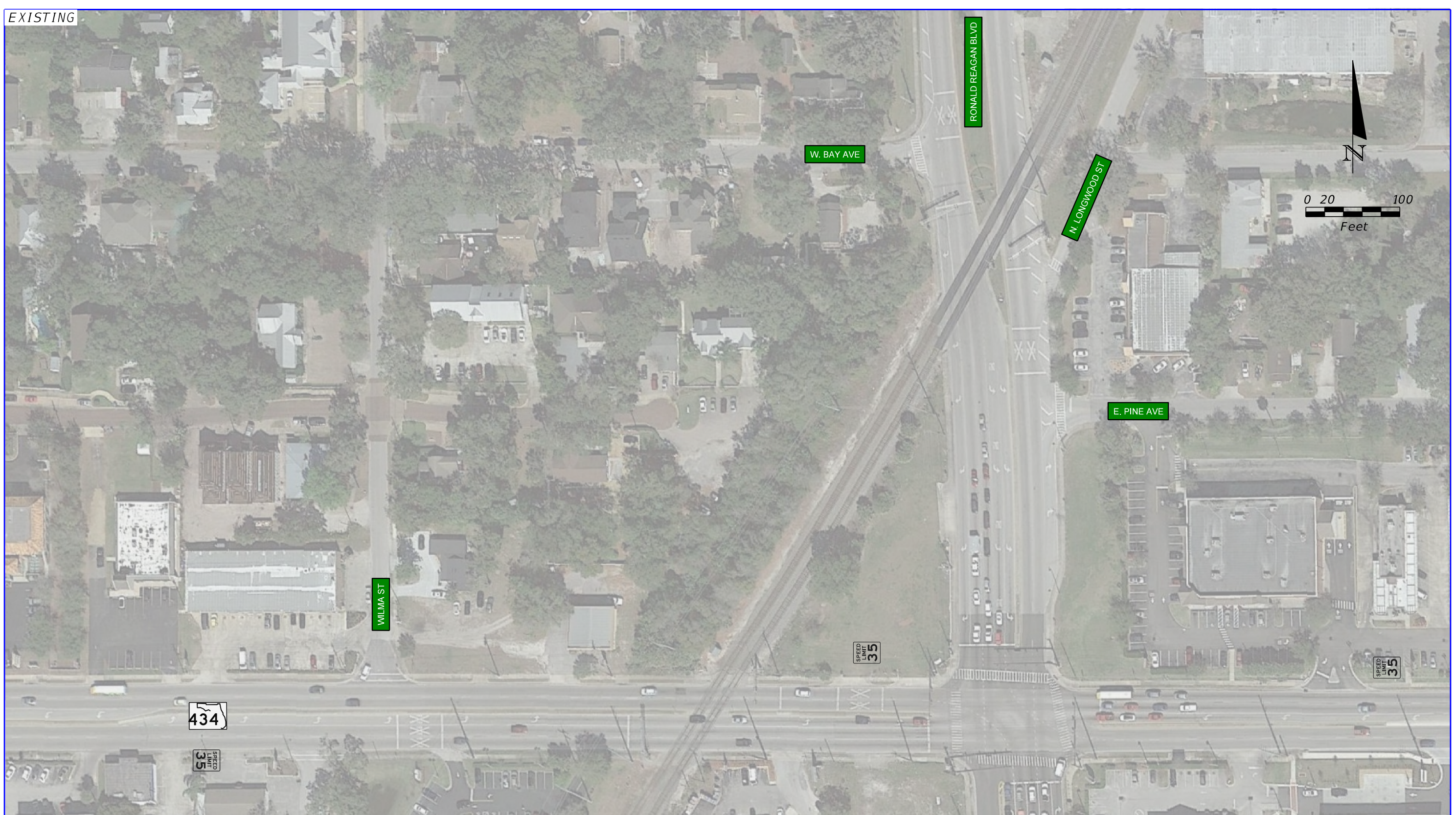


STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	DATE
SR 434	SEMINOLE	MAY 2017

SR 434 CORRIDOR STUDY
 RANGELINE ROAD TO 17-92

SHEET NO.
 3

EXISTING



BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
ROADWAY RIGHT-OF-WAY	MILLING & RESURFACING	PROPOSED CHANGES	WATER HYDRANT	CURB INLET	EXISTING BUS STOP LOCATION
RIGHT-OF-WAY RESERVATION	NEW MEDIAN	NEW FENCE	SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE	MANHOLE	
EXISTING PROPERTY LINES	NEW SIDEWALK				

PRELIMINARY CONCEPT - FOR DISCUSSION ONLY

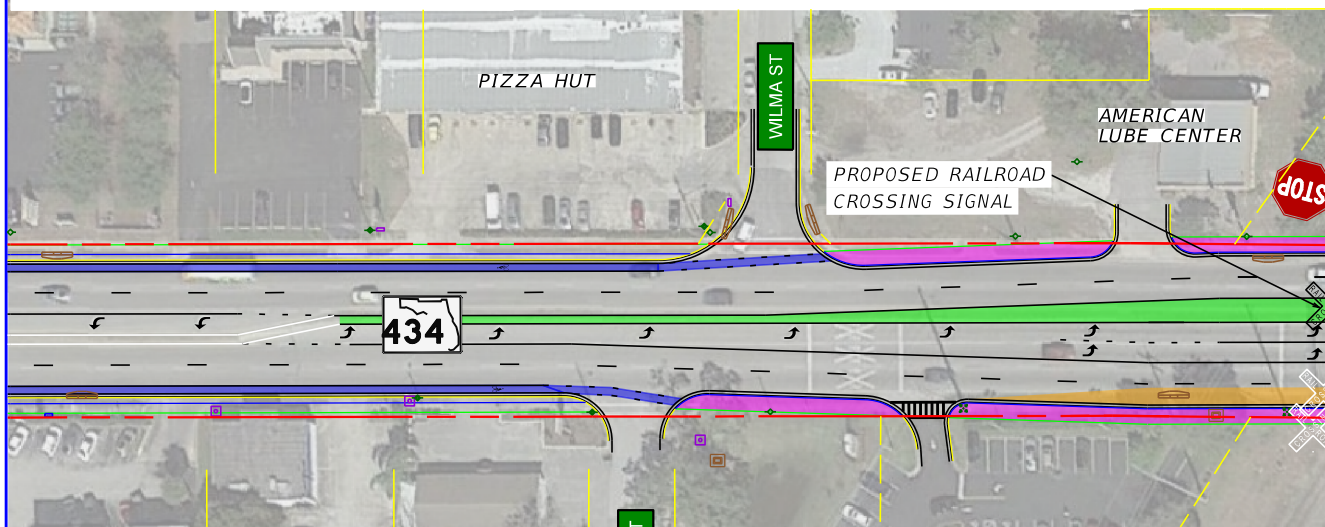
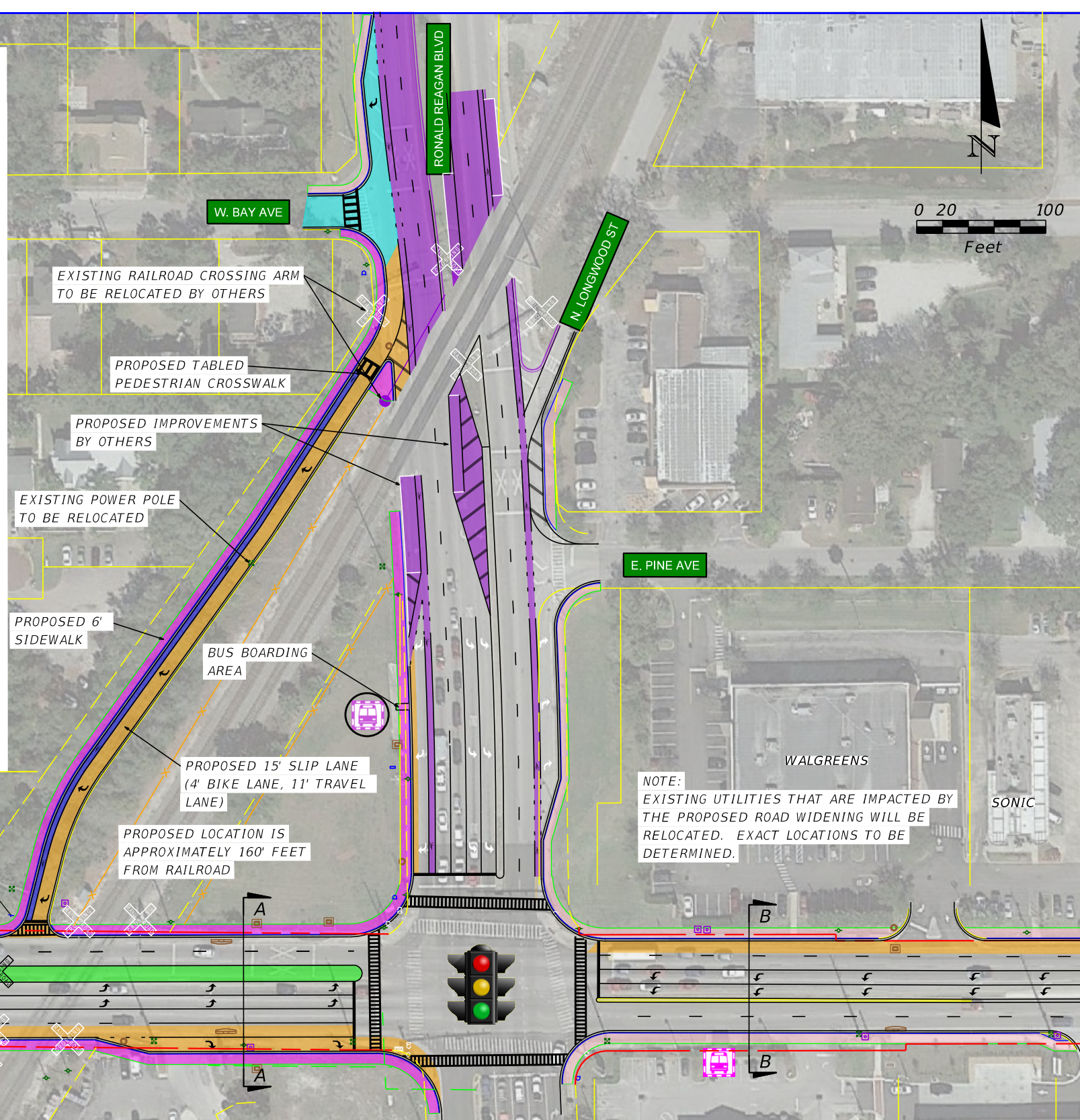
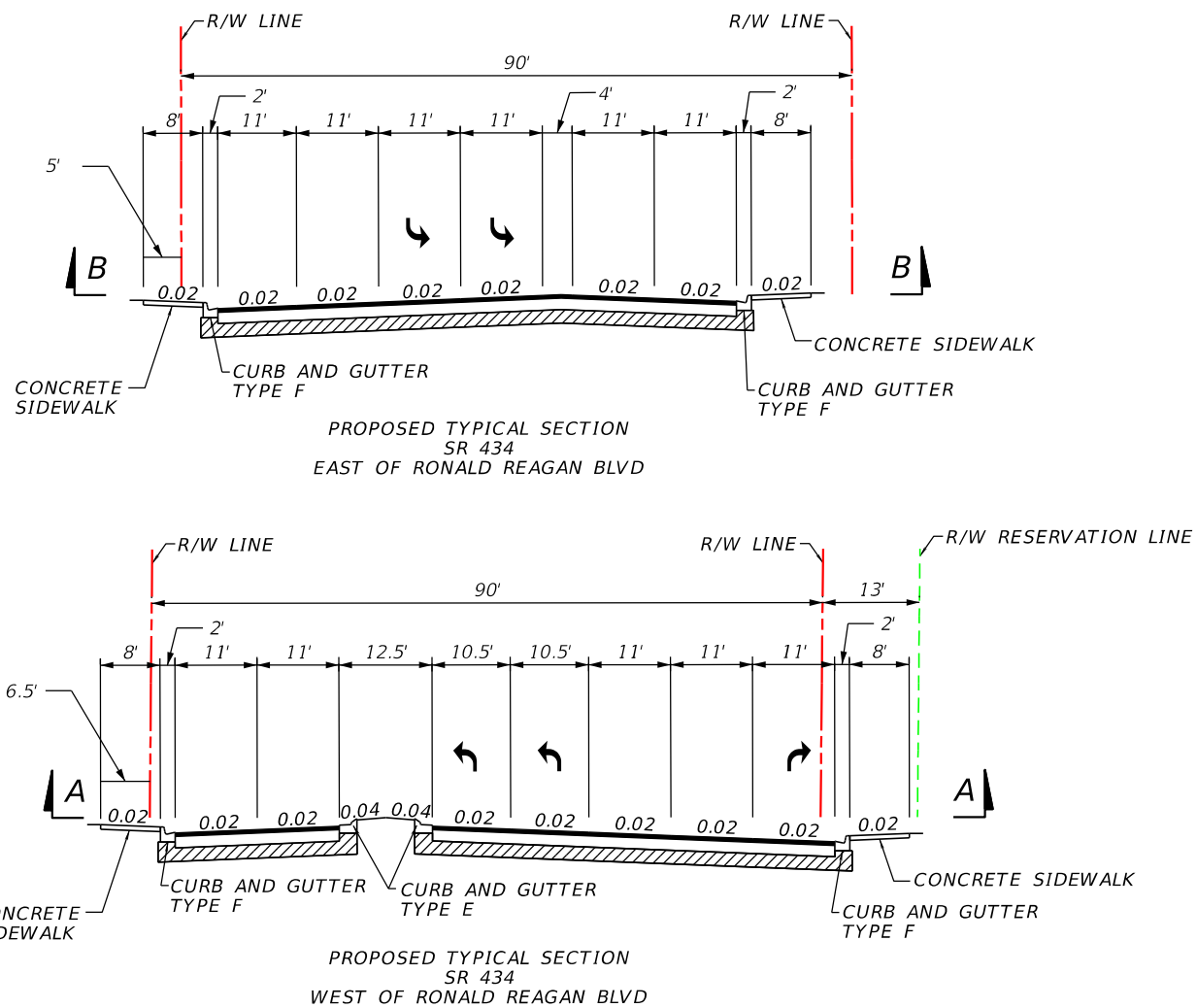
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SR 434 CORRIDOR STUDY
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 4A



— BACK OF SIDEWALK	— NEW CONSTRUCTION	— BY OTHERS	— POWER POLE	— SERVICE BOX	— POTENTIAL LYNX BUS STOP LOCATION
— FRONT OF SIDEWALK	— NEW BIKE LANE	— EXISTING CONDITIONS	— TRANSMISSION POLE	— METER	— EXISTING BUS STOP LOCATION TO BE RELOCATED
— ROADWAY RIGHT-OF-WAY	— MILLING & RESURFACING	— PROPOSED CHANGES	— WATER HYDRANT	— CURB INLET	— EXISTING BUS STOP LOCATION
— RIGHT-OF-WAY RESERVATION	— NEW MEDIAN	— NEW FENCE	— CURB INLET MANHOLE		
— EXISTING PROPERTY LINES	— NEW SIDEWALK	— SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE			

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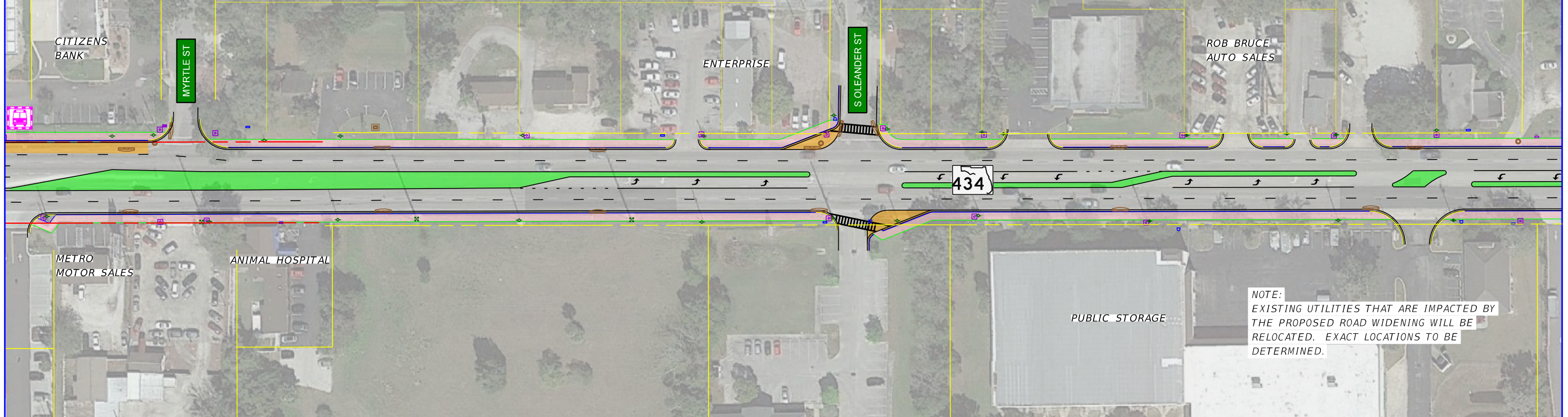
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SHEET NO.
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EXISTING



PROPOSED



BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
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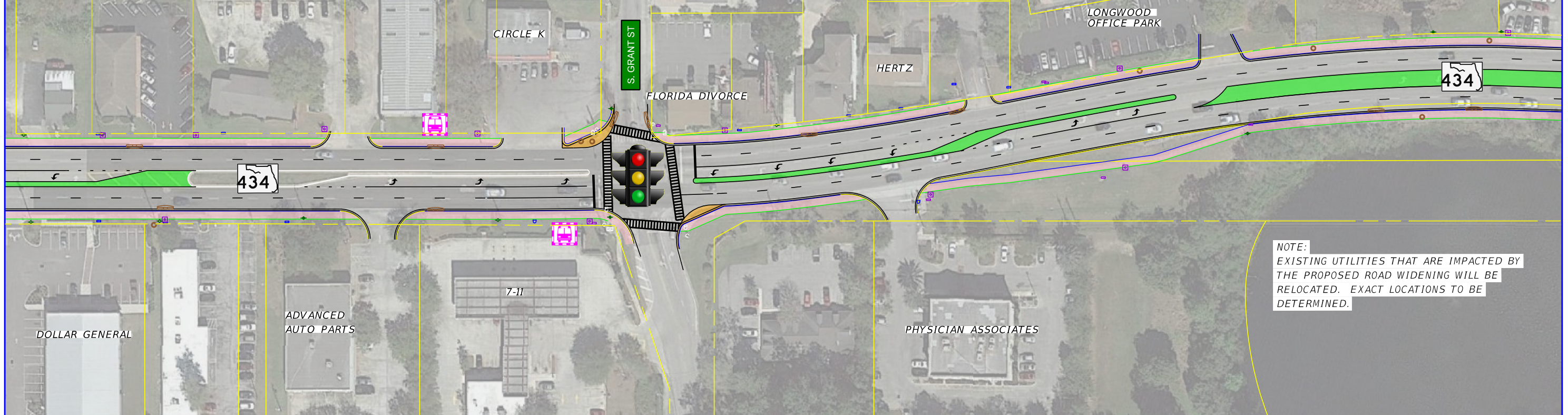
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SHEET NO.
 5

EXISTING



PROPOSED



	BACK OF SIDEWALK		NEW CONSTRUCTION		BY OTHERS		POWER POLE		SERVICE BOX		POTENTIAL LYNX BUS STOP LOCATION
	FRONT OF SIDEWALK		NEW BIKE LANE		EXISTING CONDITIONS		TRANSMISSION POLE		METER		EXISTING BUS STOP LOCATION TO BE RELOCATED
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	RIGHT-OF-WAY RESERVATION		NEW MEDIAN		SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE		NEW FENCE		MANHOLE		
	EXISTING PROPERTY LINES		NEW SIDEWALK								

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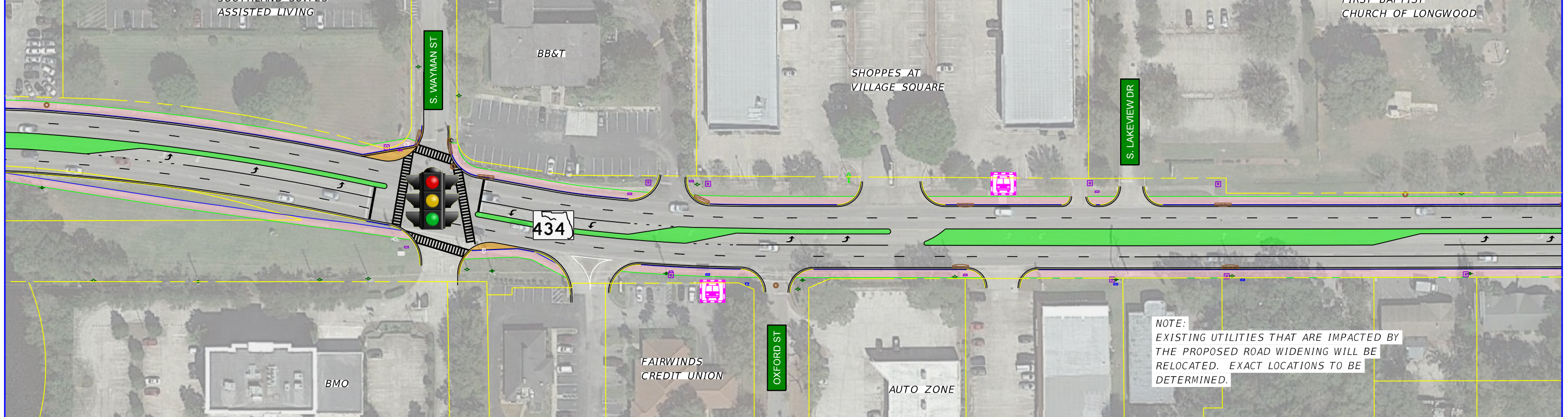
SR 434 CORRIDOR STUDY
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SHEET NO.
 6

EXISTING



PROPOSED



NOTE:
EXISTING UTILITIES THAT ARE IMPACTED BY
THE PROPOSED ROAD WIDENING WILL BE
RELOCATED. EXACT LOCATIONS TO BE
DETERMINED.

BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
ROADWAY RIGHT-OF-WAY	MILLING & RESURFACING	PROPOSED CHANGES	WATER HYDRANT	CURB INLET	EXISTING BUS STOP LOCATION
RIGHT-OF-WAY RESERVATION	NEW MEDIAN	NEW FENCE	NEW FENCE	MANHOLE	
EXISTING PROPERTY LINES	NEW SIDEWALK	SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE			

PRELIMINARY CONCEPT - FOR DISCUSSION ONLY

- UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED AND/OR SURVEYED.
- RIGHT-OF-WAY AND PROPERTY LINES ARE GEOGRAPHICAL REPRESENTATIONS ONLY AND DO NOT DEPICT ACCURATE BOUNDARIES. DO NOT USE TO DESCRIBE, ASSESS, OR OTHERWISE ESTABLISH THE LIMITS OF PROPERTIES OR LOCATIONS OF FEATURES IN RELATION TO PROPERTY LINES SHOWN HEREIN.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	DATE
SR 434	SEMINOLE	MAY 2017

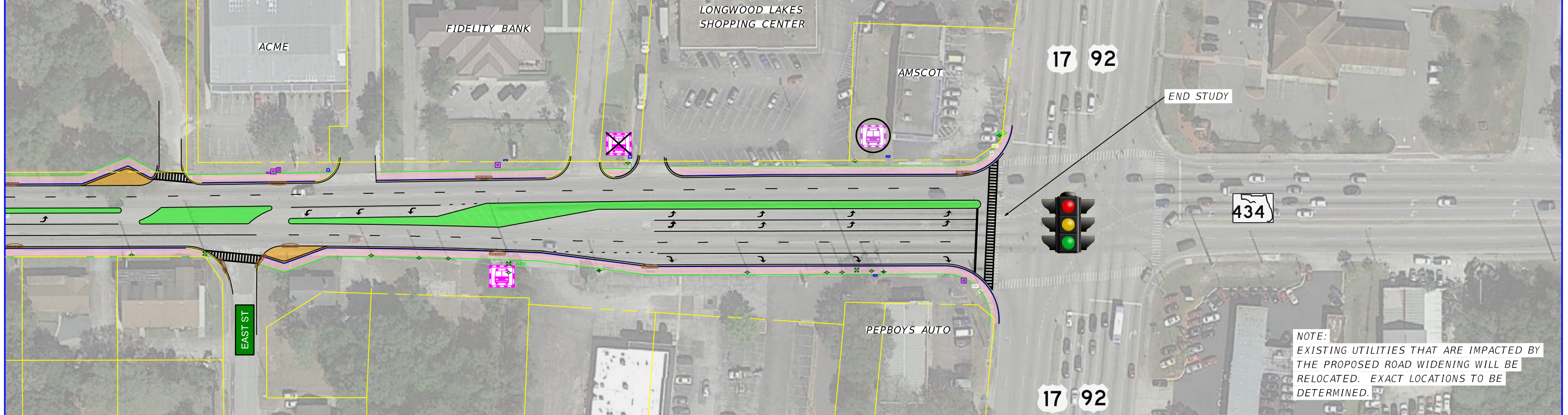
SR 434 CORRIDOR STUDY
RANGELINE ROAD TO 17-92

SHEET NO.
7

EXISTING



PROPOSED



NOTE:
EXISTING UTILITIES THAT ARE IMPACTED BY THE PROPOSED ROAD WIDENING WILL BE RELOCATED. EXACT LOCATIONS TO BE DETERMINED.

BACK OF SIDEWALK	NEW CONSTRUCTION	BY OTHERS	POWER POLE	SERVICE BOX	POTENTIAL LYNX BUS STOP LOCATION
FRONT OF SIDEWALK	NEW BIKE LANE	EXISTING CONDITIONS	TRANSMISSION POLE	METER	EXISTING BUS STOP LOCATION TO BE RELOCATED
ROADWAY RIGHT-OF-WAY	MILLING & RESURFACING	PROPOSED CHANGES	WATER HYDRANT	CURB INLET	EXISTING BUS STOP LOCATION
RIGHT-OF-WAY RESERVATION	NEW MEDIAN		NEW FENCE	MANHOLE	
EXISTING PROPERTY LINES	NEW SIDEWALK	SIDEWALK WIDENING (3' STAMPED CONC. / 5' S/W) - UNLESS NOTED OTHERWISE			

PRELIMINARY CONCEPT - FOR DISCUSSION ONLY

- UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED AND/OR SURVEYED.
- RIGHT-OF-WAY AND PROPERTY LINES ARE GEOGRAPHICAL REPRESENTATIONS ONLY AND DO NOT DEPICT ACCURATE BOUNDARIES. DO NOT USE TO DESCRIBE, ASSESS, OR OTHERWISE ESTABLISH THE LIMITS OF PROPERTIES OR LOCATIONS OF FEATURES IN RELATION TO PROPERTY LINES SHOWN HEREIN.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	DATE
SR 434	SEMINOLE	MAY 2017

SR 434 CORRIDOR STUDY
RANGELINE ROAD TO 17-92

SHEET NO.
8

APPENDIX 3C

Long Range Estimates

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 2 Project Grand Total					\$453,809.66
Description: Portion of SR-434 West of the Ronald Reagan Blvd. Intersection. Excludes project by others.					
ROADWAY COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	20,078.00	SY	\$3.09	\$62,041.02
337-7-74	ASPH CONC FC,TRAF C,FC-12.5,PG 76-22,ARB	1,656.40	TN	\$150.00	\$248,460.00
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	351.00	EA	\$3.79	\$1,330.29
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	157.00	LF	\$4.02	\$631.14
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.46	GM	\$1,870.52	\$860.44
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	22.00	EA	\$118.20	\$2,600.40
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	23.00	EA	\$60.94	\$1,401.62
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	1.86	GM	\$4,407.93	\$8,198.75
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	0.98	GM	\$1,352.15	\$1,325.11
711-15-201	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	0.89	GM	\$4,362.41	\$3,882.54
Roadway Component Total					\$330,731.31
Project Sequences Subtotal					\$330,731.31
102-1	MAINTENANCE OF TRAFFIC	8.00			\$26,458.50
101-1	MOBILIZATION	10.00			\$35,718.98
Project Sequences Total					\$392,908.80
Project Unknowns			10.00	%	\$39,290.88
Design/Build			0.00	%	\$0.00
Non-Bid Components:					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00	LS	\$21,609.98	\$21,609.98
Project Non-Bid Subtotal					\$60,900.86
Version 2 Project Grand Total					\$453,809.66

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 3 Project Grand Total					\$2,853,601.58
Description: Intersection of SR-434 and Ronald Reagan Blvd.					
EARTHWORK COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
110-1-1	CLEARING & GRUBBING	6.40	AC	\$20,000.00	\$128,000.00
120-1	REGULAR EXCAVATION	821.00	CY	\$12.80	\$10,508.80
120-6	EMBANKMENT	1,000.00	CY	\$16.94	\$16,940.00
Earthwork Component Total					\$155,448.80
ROADWAY COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	6,528.00	SY	\$25.00	\$163,200.00
160-4	TYPE B STABILIZATION	2,464.00	SY	\$5.37	\$13,231.68
285-709	OPTIONAL BASE,BASE GROUP 09	2,464.00	SY	\$25.08	\$61,797.12
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	15,671.00	SY	\$3.09	\$48,423.39
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	236.30	TN	\$125.00	\$29,537.50
337-7-74	ASPH CONC FC,TRAF C,FC-12.5,PG 76-22,ARB	1,529.20	TN	\$134.99	\$206,426.71
550-10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COAT	782.00	LF	\$17.23	\$13,473.86
570-1-2	PERFORMANCE TURF, SOD	1,405.00	SY	\$3.02	\$4,243.10
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	284.00	EA	\$3.79	\$1,076.36
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	2,425.00	LF	\$4.02	\$9,748.50
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.16	GM	\$1,870.52	\$299.28
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	6.00	EA	\$118.20	\$709.20
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	30.00	EA	\$60.94	\$1,828.20
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	1.88	GM	\$4,407.93	\$8,286.91
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	0.62	GM	\$1,352.15	\$838.33
711-15-201	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	0.64	GM	\$4,362.41	\$2,791.94
EX-Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
UTIL	UTILITY RELOCATION ALLOWANCE	1.00	LS	\$1,000,000.00	\$1,000,000.00
Roadway Component Total					\$1,565,912.09

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 3 Project Grand Total					\$2,853,601.58
Description: Intersection of SR-434 and Ronald Reagan Blvd.					
SHOULDER COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
104-10-3	SEDIMENT BARRIER	4,400.00	LF	\$1.58	\$6,952.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$2,482.48	\$2,482.48
104-18	INLET PROTECTION SYSTEM	20.00	EA	\$97.18	\$1,943.60
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,626.00	LF	\$20.00	\$32,520.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,921.00	LF	\$25.00	\$98,025.00
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	2,768.00	SY	\$55.64	\$154,011.52
Shoulder Component Total					\$295,934.60
DRAINAGE COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
425-1-321	INLETS, CURB, TYPE P-2, <10'	20.00	EA	\$5,736.31	\$114,726.20
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	240.00	LF	\$100.00	\$24,000.00
Drainage Component Total					\$138,726.20
SIGNING COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
700-1-11	SINGLE POST SIGN, F&I GM,	1.00	AS	\$324.20	\$324.20
Signing Component Total					\$324.20

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 3 Project Grand Total					\$2,853,601.58
Description: Intersection of SR-434 and Ronald Reagan Blvd.					
SIGNALIZATIONS COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	228.00	LF	\$17.80	\$4,058.40
632-7-2	SIGNAL CABLE, REPAIR/REPL-FUR & INSTALL	126.00	LF	\$5.00	\$630.00
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	2.00	EA	\$588.33	\$1,176.66
649-31-101	M/ARM,F&I, WS-150,SING ARM,W/O LUM-60	1.00	EA	\$33,235.08	\$33,235.08
649 -36-500	M/ARM, REMOVE POLE-DEEP/COMPLETE	1.00	EA	\$4,037.75	\$4,037.75
650-1-14	TRAFFIC SIGNAL,F&I ALUMINUM, 3 S 1 W	2.00	AS	\$983.02	\$1,966.04
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	4.00	AS	\$887.71	\$3,550.84
670-5-400	TRAF CNTL ASSEM, MODIFY	1.00	AS	\$1,690.87	\$1,690.87
Signalizations Component Total					\$50,345.64
Project Sequences Subtotal					\$2,206,691.53
102-1	MAINTENANCE OF TRAFFIC	10.00			\$220,669.15
101-1	MOBILIZATION	10.00			\$242,736.07
Project Sequences Total					\$2,670,096.75
Project Unknowns			5.00	%	\$133,504.84
Design/Build			0.00	%	\$0.00
Non-Bid Components:					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00	LS	\$50,000.00	\$50,000.00
Project Non-Bid Subtotal					\$183,504.84
Version 3 Project Grand Total					\$2,853,601.58

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 4 Project Grand Total					
					\$1,876,995.36
Description: Portion of SR-434 East of the Ronald Reagan Blvd. Intersection					
ROADWAY COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	401.00	SY	\$21.02	\$8,429.02
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	37,428.00	SY	\$3.09	\$115,652.52
337-7-74	ASPH CONC FC,TRAF C,FC-12.5,PG 76-22,ARB	3,087.80	TN	\$134.99	\$416,822.12
520-70	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDT	2,103.00	SY	\$68.14	\$143,298.42
570-1-2	PERFORMANCE TURF, SOD	3,050.00	SY	\$3.02	\$9,211.00
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	658.00	EA	\$3.79	\$2,493.82
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	3,700.00	LF	\$4.02	\$14,874.00
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.16	GM	\$1,870.52	\$299.28
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	47.00	EA	\$60.94	\$2,864.18
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	3.03	GM	\$4,407.93	\$13,356.03
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	2.19	GM	\$1,352.15	\$2,961.21
711-15-201	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	2.20	GM	\$4,362.41	\$9,597.30
Roadway Component Total					\$739,858.90

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 4 Project Grand Total					\$1,876,995.36
Description: Portion of SR-434 East of the Ronald Reagan Blvd. Intersection					
SHOULDER COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	9,644.00	LF	\$20.00	\$192,880.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	676.00	LF	\$25.00	\$16,900.00
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	9,256.00	SY	\$55.64	\$515,003.84
Shoulder Component Total					\$724,783.84
Project Sequences Subtotal					\$1,464,642.74
102-1	MAINTENANCE OF TRAFFIC	8.00			\$117,171.42
101-1	MOBILIZATION	10.00			\$158,181.42
Project Sequences Total					\$1,739,995.58
Project Unknowns			5.00	%	\$86,999.78
Design/Build			0.00	%	\$0.00
Non-Bid Components:					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00	LS	\$50,000.00	\$50,000.00
Project Non-Bid Subtotal					\$136,999.78
Version 4 Project Grand Total					\$1,876,995.36

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 5 Project Grand Total					\$344,219.88
Description: Portion listed as "By Others"					
ROADWAY COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	14,986.00	SY	\$3.09	\$46,306.74
337-7-74	ASPH CONC FC,TRAF C,FC-12.5,PG 76-22,ARB	1,236.30	TN	\$150.00	\$185,445.00
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	153.00	EA	\$3.79	\$579.87
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	2,133.00	LF	\$4.02	\$8,574.66
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.26	GM	\$1,870.52	\$486.34
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	21.00	EA	\$118.20	\$2,482.20
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	15.00	EA	\$60.94	\$914.10
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	0.95	GM	\$4,407.93	\$4,187.53
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	0.46	GM	\$1,352.15	\$621.99
711-15-201	THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6"	0.29	GM	\$4,362.41	\$1,265.10
Roadway Component Total					\$250,863.53
Project Sequences Subtotal					\$250,863.53
102-1	MAINTENANCE OF TRAFFIC	8.00			\$20,069.08
101-1	MOBILIZATION	10.00			\$27,093.26
Project Sequences Total					\$298,025.87
Project Unknowns			10.00	%	\$29,802.59
Design/Build			0.00	%	\$0.00
Non-Bid Components:					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00	LS	\$16,391.42	\$16,391.42
Project Non-Bid Subtotal					\$46,194.01
Version 5 Project Grand Total					\$344,219.88

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 1-P Project Grand Total					\$5,099,570.35
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
EARTHWORK COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
110-1-1	CLEARING & GRUBBING	6.40	AC	\$20,000.00	\$128,000.00
120-1	REGULAR EXCAVATION	821.00	CY	\$12.80	\$10,508.80
120-6	EMBANKMENT	1,000.00	CY	\$16.94	\$16,940.00
Earthwork Component Total					\$155,448.80

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 1-P Project Grand Total					\$5,099,570.35
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
ROADWAY COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	6,929.00	SY	\$25.00	\$173,225.00
160-4	TYPE B STABILIZATION	2,464.00	SY	\$5.37	\$13,231.68
285-709	OPTIONAL BASE,BASE GROUP 09	2,464.00	SY	\$25.08	\$61,797.12
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	73,177.00	SY	\$3.09	\$226,116.93
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	236.30	TN	\$125.00	\$29,537.50
337-7-74	ASPH CONC FC,TRAF C,FC-12.5,PG 76-22,ARB	6,273.40	TN	\$134.99	\$846,846.27
520-70	CONCRETE TRAFFIC SEPARATOR, SP-VAR WIDT	2,103.00	SY	\$75.00	\$157,725.00
550-10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COAT	782.00	LF	\$17.23	\$13,473.86
570-1-2	PERFORMANCE TURF, SOD	4,455.00	SY	\$3.02	\$13,454.10
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	1,293.00	EA	\$3.79	\$4,900.47
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	6,282.00	LF	\$4.02	\$25,253.64
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.78	GM	\$1,870.52	\$1,459.01
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	28.00	EA	\$118.20	\$3,309.60
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	100.00	EA	\$60.94	\$6,094.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	6.77	GM	\$4,407.93	\$29,841.69
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	3.79	GM	\$1,352.15	\$5,124.65
711-15-201	THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6"	3.73	GM	\$4,362.41	\$16,271.79
EX-Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
UTIL	UTILITY RELOCATION ALLOWANCE	1.00	LS	\$1,000,000.00	\$1,000,000.00
Roadway Component Total					\$2,627,662.30

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 1-P Project Grand Total					\$5,099,570.35
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
SHOULDER COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
104-10-3	SEDIMENT BARRIER	4,400.00	LF	\$1.58	\$6,952.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$2,482.48	\$2,482.48
104-18	INLET PROTECTION SYSTEM	20.00	EA	\$97.18	\$1,943.60
520-1-7	CONCRETE CURB & GUTTER, TYPE E	11,270.00	LF	\$20.00	\$225,400.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	4,597.00	LF	\$25.00	\$114,925.00
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	11,687.00	SY	\$55.64	\$650,264.68
Shoulder Component Total					\$1,001,967.76
DRAINAGE COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
425-1-321	INLETS, CURB, TYPE P-2, <10'	20.00	EA	\$5,736.31	\$114,726.20
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	240.00	LF	\$100.00	\$24,000.00
Drainage Component Total					\$138,726.20
SIGNING COMPONENT					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
700-1-11	SINGLE POST SIGN, F&I GM,	1.00	AS	\$324.20	\$324.20
Signing Component Total					\$324.20

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Component					
Project: SR434S-1-52-01			Letting Date: 01/2099		
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
District: 05	County: 77 SEMINOLE				
Project Manager:					
Version 1-P Project Grand Total					\$5,099,570.35
Description: SR-434 Corridor Study in Seminole County from Rangeline Road to US-17-92					
SIGNALIZATIONS COMPONENT					
Pay Items	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	228.00	LF	\$17.80	\$4,058.40
632-7-2	SIGNAL CABLE, REPAIR/REPL-FUR & INSTALL	126.00	LF	\$5.00	\$630.00
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	2.00	EA	\$588.33	\$1,176.66
649-31-101	M/ARM,F&I, WS-150,SING ARM,W/0 LUM-60	1.00	EA	\$33,235.08	\$33,235.08
649-36-500	M/ARM, REMOVE POLE- DEEP/COMPLETE	1.00	EA	\$4,037.75	\$4,037.75
650-1-14	TRAFFIC SIGNAL,F&I ALUMINUM, 3 S 1 W	2.00	AS	\$983.02	\$1,966.04
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	4.00	AS	\$887.71	\$3,550.84
670-5-400	TRAF CNTL ASSEM, MODIFY	1.00	AS	\$1,690.87	\$1,690.87
Signalizations Component Total					\$50,345.64
Project Sequences Subtotal					\$3,974,474.90
102-1	MAINTENANCE OF TRAFFIC	10.00			\$397,447.49
101-1	MOBILIZATION	10.00			\$437,192.24
Project Sequences Total					\$4,809,114.62
Project Unknowns			5.00	%	\$240,455.73
Design/Build			0.00	%	\$0.00
Non-Bid Components:					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00	LS	\$50,000.00	\$50,000.00
Project Non-Bid Subtotal					\$290,455.73
Version 1-P Project Grand Total					\$5,099,570.35