

APPENDIX C
Approved Typical Section Package

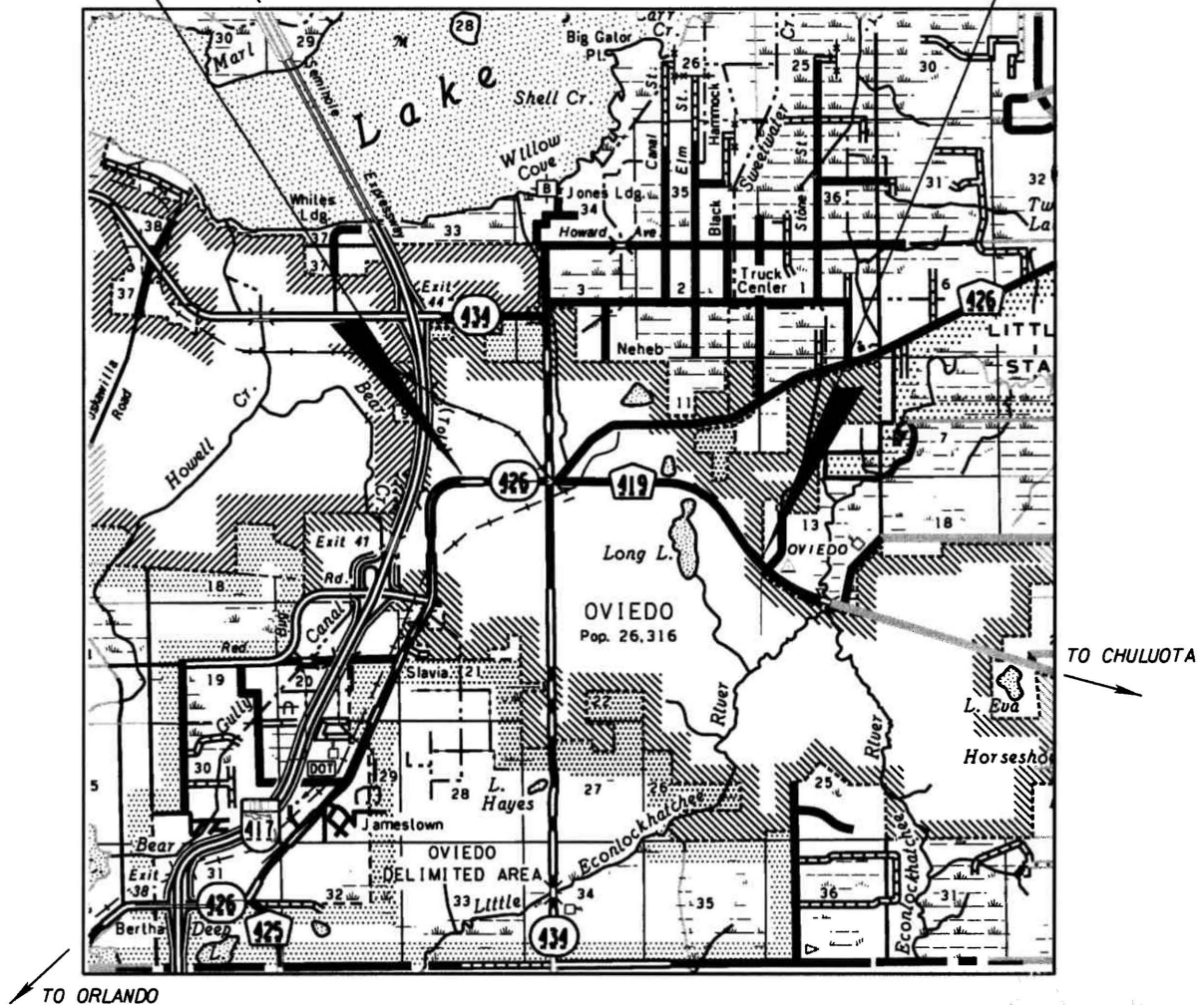
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
TYPICAL SECTION PACKAGE

FINANCIAL PROJECT ID 415030-1
SEMINOLE COUNTY (77060)
STATE ROAD NO. 426 / COUNTY ROAD 419

BEGIN PROJECT
STA. 7+00
M.P. 6.230

TO WINTER SPRINGS

END PROJECT
STA. 144+50



DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
DYER, RIDDLE, MILLS & PRECOURT, INC.
1505 E. COLONIAL DRIVE
ORLANDO, FLORIDA 32803
CERTIFICATE OF AUTHORIZATION NO. 2648
GREGORY A. MOORE, P.E. LICENSE NO. 59429

Gregory A. Moore
4/24/2007

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 415030 - 1 **COUNTY** SEMINOLE (77060)
PROJECT DESCRIPTION RECONSTRUCTING SR 426 / CR 419 FROM PINE AVENUE TO LOCKWOOD BOULEVARD
(MP 6.230 TO MP 6.992 STATE ROAD ONLY)

PROJECT CONTROLS

FUNCTIONAL CLASSIFICATION

- () RURAL
 (X) URBAN
 () FREEWAY/EXPWY. () MAJOR COLL.
 (X) PRINCIPAL ART. () MINOR COLL.
 () MINOR ART. () LOCAL

HIGHWAY SYSTEM

- Yes No
 () (X) NATIONAL HIGHWAY SYSTEM
 () (X) FLORIDA INTRASTATE HIGHWAY SYSTEM
 (X) () STATE HIGHWAY SYSTEM
 () (X) OFF STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- () 1 - FREEWAY
 () 2 - RESTRICTIVE w/Service Roads
 () 3 - RESTRICTIVE w/660 ft. Connecting Spacing
 () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
 (X) 5 - RESTRICTIVE w/440 ft. Connection Spacing
 () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
 () 7 - BOTH MEDIAN TYPES

TRAFFIC

	YEAR	AADT
CURRENT	<u>2002</u>	<u>16,900</u>
OPENING	<u>2010</u>	<u>22,000</u>
DESIGN	<u>2030</u>	<u>34,900</u>

DISTRIBUTION

DESIGN SPEED 45 MPH K = 9.56%
 POSTED SPEED 45 MPH D = 56%
 • Or as Indicated on the Typical Section T₂₄ = 7.2%

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
 () RRR INTERSTATE / FREEWAY
 () RRR NON-INTERSTATE / FREEWAY
 () TDLC / NEW CONSTRUCTION / RECONSTRUCTION
 () TDLC / RRR
 () MANUAL OF UNIFORM MINIMUM STANDARDS
 (FLORIDA GREENBOOK) (OFF-STATE HIGHWAY SYSTEM ONLY)

DESIGN SPEED APPROVALS

Annette K. Brennan 4/25/07
 DISTRICT DESIGN ENGINEER DATE
Richard B. Monahan 4/26/07
 DISTRICT TRAFFIC OPERATIONS ENGINEER DATE

LIST ANY POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION ELEMENTS:

NO EXCEPTIONS REQUIRED
 NO VARIATIONS REQUIRED

LIST MAJOR STRUCTURES LOCATION/DESCRIPTION - REQUIRING INDEPENDENT STRUCTURE DESIGN:

LIST MAJOR UTILITIES WITHIN PROJECT CORRIDOR:

CITY OF OVIEDO UTILITIES
 BRIGHT HOUSE NETWORKS, LLC
 PROGRESS ENERGY
 BELLSOUTH

LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:

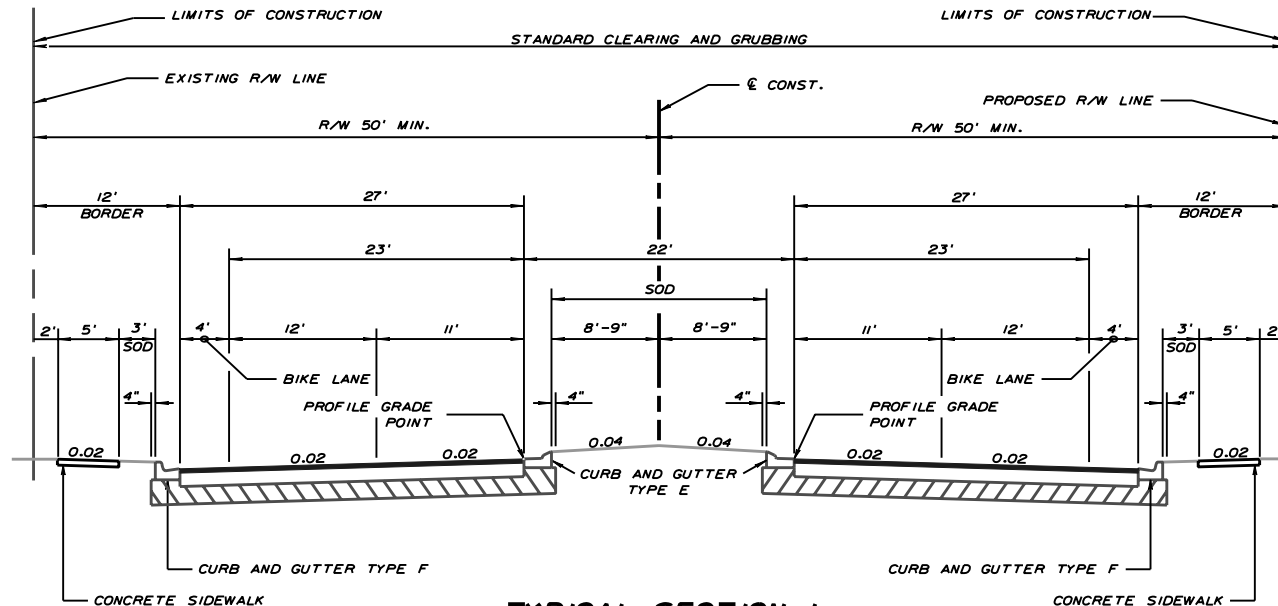
WITHIN THE DOWNTOWN URBAN AREA (BETWEEN PINE AVE. AND DIVISION ST.)
 A REDUCED OPERATING SPEED IS EXPECTED. THEREFORE A POSTED SPEED OF
~~30 MPH OR LESS~~ IS RECOMMENDED IN THIS SHORT SECTION.

35 RBM

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID	<u>415030-1</u>	FEDERAL AID PROJECT NO.	<u>N/A</u>
COUNTY NAME	<u>SEMINOLE (77060)</u>	ROAD DESIGNATION	<u>SR 426 / CR 419</u>
PROJECT DESCRIPTION	<u>RECONSTRUCTING SR 426 /CR 419 FROM PINE AVENUE TO LOCKWOOD BOULEVARD</u>		
	<u>(MP 6.230 TO MP 6.992 STATE ROAD ONLY)</u>		

PROPOSED ROADWAY TYPICAL SECTION



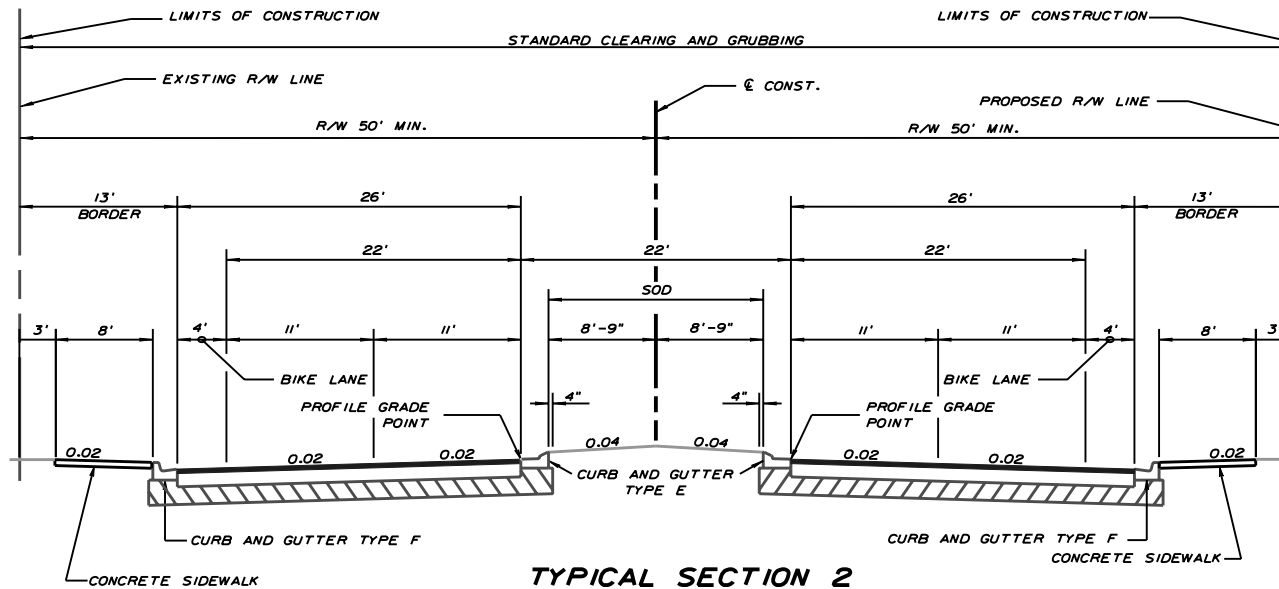
SR 426 /CR 419 (Broadway Street) STA. 7+00 TO STA. 34+00
DESIGN SPEED 40 MPH (Posted Speed 40 MPH)

APPROVED BY	FDOT CONCURRENCE	SEMINOLE COUNTY CONCURRENCE
<div style="text-align: right; margin-bottom: 10px;"><u>3/09/2007</u></div> <div>GREGORY A. MOORE, P.E. Engineer Of Record (#59429)</div>	<div style="text-align: right; margin-bottom: 10px;"><u> </u></div> <div>ANNETTE K. BRENNAN FDOT District Design Engineer</div>	<div style="text-align: right; margin-bottom: 10px;"><u> </u></div> <div>JERRY MCCOLLUM Seminole County Engineer</div>
Date	Date	Date

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID	<u>415030-1</u>	FEDERAL AID PROJECT NO.	<u>N/A</u>
COUNTY NAME	<u>SEMINOLE (77060)</u>	ROAD DESIGNATION	<u>SR 426 / CR 419</u>
PROJECT DESCRIPTION	<u>RECONSTRUCTING SR 426 /CR 419 FROM PINE AVENUE TO LOCKWOOD BOULEVARD</u>		
	<u>(MP 6.230 TO MP 6.992 STATE ROAD ONLY)</u>		

PROPOSED ROADWAY TYPICAL SECTION



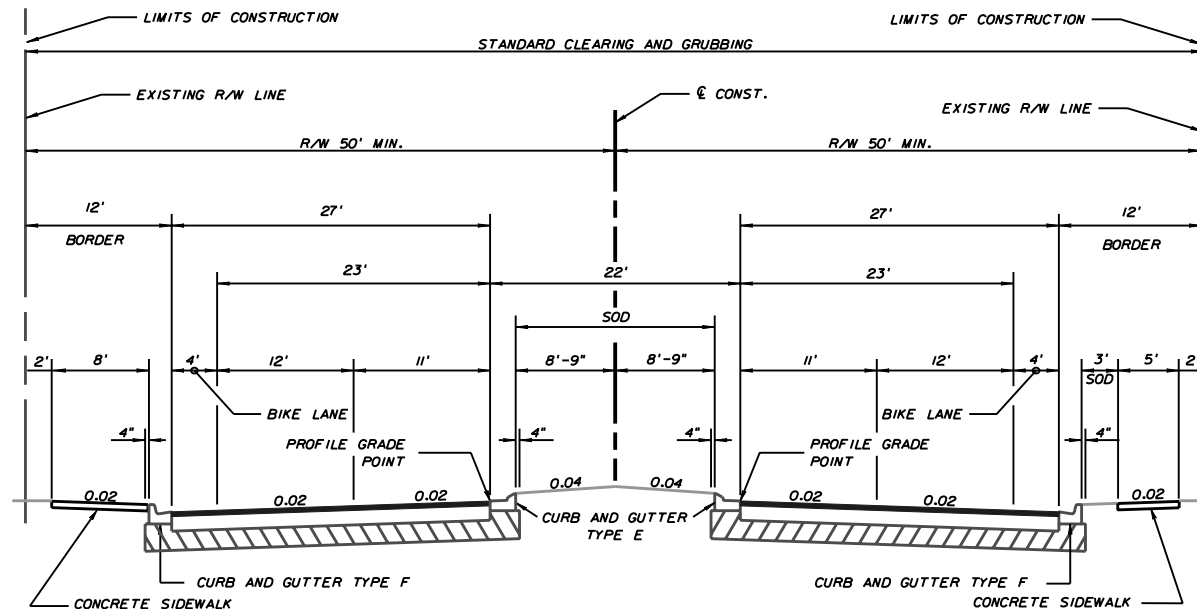
TYPICAL SECTION 2
SR 426 /CR 419 (Broadway Street) (Downtown Oviedo)
STA. 34+00 TO STA. 67+00
DESIGN SPEED 40 MPH (Posted Speed 30 MPH)

APPROVED BY	FDOT CONCURRENCE	SEMINOLE COUNTY CONCURRENCE
<div style="text-align: right; margin-bottom: 10px;">3/09/2007</div> <div style="text-align: right;">Date</div> <div style="text-align: right;">GREGORY A. MOORE, P.E. Engineer Of Record (#59429)</div>	<div style="text-align: right; margin-bottom: 10px;">Date</div> <div style="text-align: right;">ANNETTE K. BRENNAN FDOT District Design Engineer</div>	<div style="text-align: right; margin-bottom: 10px;">Date</div> <div style="text-align: right;">JERRY MCCOLLUM Seminole County Engineer</div>

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID	<u>415030-1</u>	FEDERAL AID PROJECT NO.	<u>N/A</u>
COUNTY NAME	<u>SEMINOLE (77060)</u>	ROAD DESIGNATION	<u>SR 426/ CR 419</u>
PROJECT DESCRIPTION	<u>RECONSTRUCTING SR 426 / CR 419 FROM PINE AVENUE TO LOCKWOOD BOULEVARD</u>		
	<u>(MP 6.230 TO MP 6.9920 STATE ROAD ONLY)</u>		

PROPOSED ROADWAY TYPICAL SECTION



TYPICAL SECTION 3
SR 426 / CR 419 (Broadway Street)
STA. 67+00 TO STA. 127+00
DESIGN SPEED 45 MPH (Posted Speed 40 mph)

APPROVED BY	FDOT CONCURRENCE	SEMINOLE COUNTY CONCURRENCE
<div style="text-align: right; margin-bottom: 10px;">3/09/2007</div> <div style="text-align: right;">Date</div> <div style="text-align: right; margin-top: 10px;">GREGORY A. MOORE, P.E. Engineer Of Record (#59429)</div>	<div style="text-align: right; margin-bottom: 10px;">ANETTE K. BRENNAN</div> <div style="text-align: right; margin-bottom: 10px;">Date</div> <div style="text-align: right;">FDOT District Design Engineer</div>	<div style="text-align: right; margin-bottom: 10px;">JERRY MCCOLLUM</div> <div style="text-align: right; margin-bottom: 10px;">Date</div> <div style="text-align: right;">Seminole County Engineer</div>

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 415030

FEDERAL AID PROJECT NO. N/A

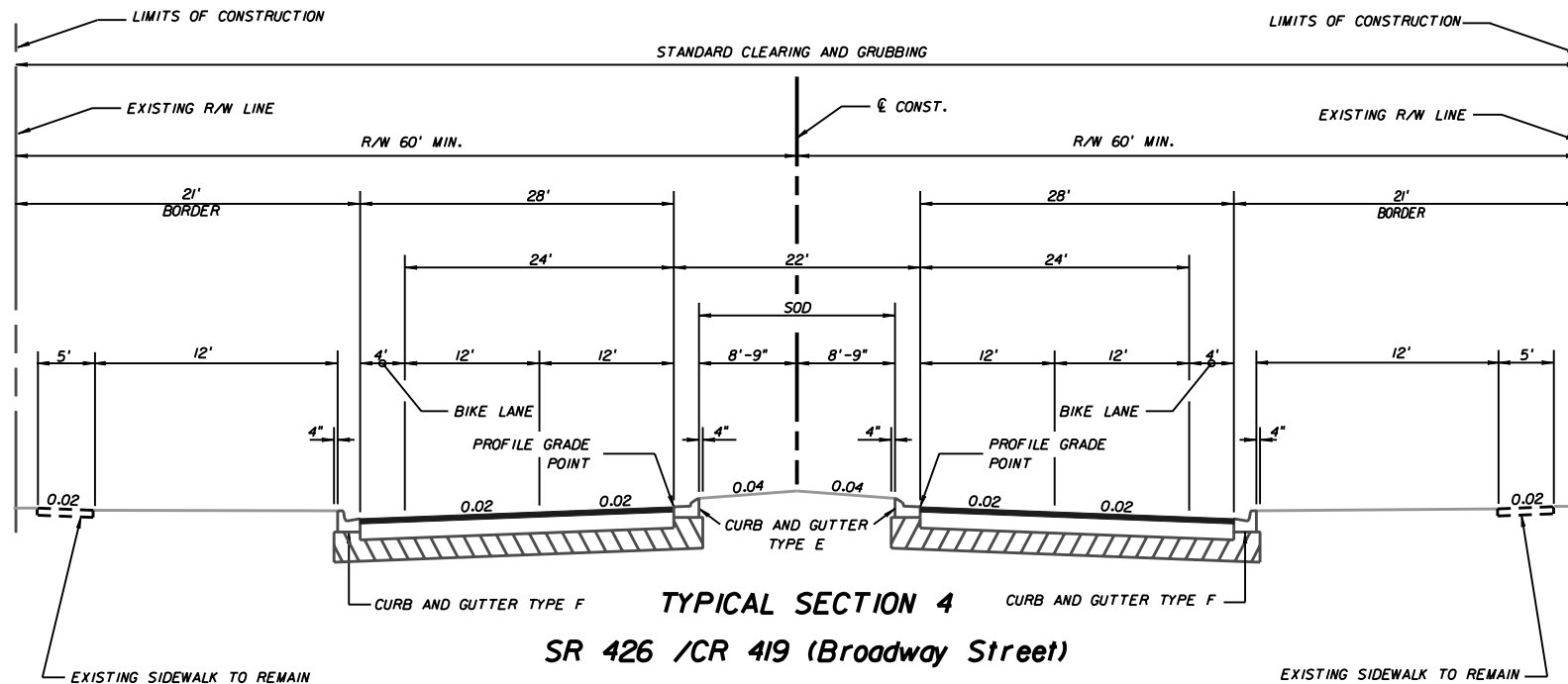
COUNTY NAME SEMINOLE (77060)

ROAD DESIGNATION SR 426/ CR 419

LIMITS/MILEPOST MP 6.230 TO MP 9.230

PROJECT DESCRIPTION RECONSTRUCTING SR 426 / CR 419 FROM PINE AVENUE TO LOCKWOOD BOULEVARD
(MP 6.230 TO MP 6.9920 STATE ROAD ONLY)

PROPOSED ROADWAY TYPICAL SECTION



TYPICAL SECTION 4
SR 426 /CR 419 (Broadway Street)
STA. 127+00 TO STA. 144+50
DESIGN SPEED 45 MPH (Posted Speed 45 mph)

APPROVED BY

FDOT CONCURRENCE

SEMINOLE COUNTY CONCURRENCE

GREGORY A. MOORE, P.E.
Engineer Of Record (#59429)

3/09/2007
Date

ANNETTE K. BRENNAN
FDOT District Design Engineer

Date

JERRY MCCOLLUM
Seminole County Engineer

Date

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 415030 - 1 **COUNTY** SEMINOLE (77070)
PROJECT DESCRIPTION RECONSTRUCTING SR 434 (Central Avenue) FROM SMITH STREET TO OVIEDO SHOPPING CENTER. (MP 3.901 to MP 4.026 and MP 9.373 to MP 9.465)

PROJECT CONTROLS

FUNCTIONAL CLASSIFICATION

- ☐ RURAL
☒ URBAN
☐ FREEWAY/EXPWY. ☐ MAJOR COLL.
☒ PRINCIPAL ART. ☐ MINOR COLL.
☐ MINOR ART. ☐ LOCAL

HIGHWAY SYSTEM

Yes No

- ☐ ☒ NATIONAL HIGHWAY SYSTEM
☐ ☒ FLORIDA INTRASTATE HIGHWAY SYSTEM
☒ ☐ STATE HIGHWAY SYSTEM
☐ ☒ OFF STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- ☐ 1 - FREEWAY
☐ 2 - RESTRICTIVE w/Service Roads
☐ 3 - RESTRICTIVE w/660 ft. Connecting Spacing
☐ 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
☒ 5 - RESTRICTIVE w/440 ft. Connection Spacing
☐ 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
☐ 7 - BOTH MEDIAN TYPES

TRAFFIC

	YEAR	AADT
CURRENT	2002	15,500
OPENING	2010	17,500
DESIGN	2030	22,400

DISTRIBUTION

DESIGN SPEED 30 MPH $K = 10.97\%$
POSTED SPEED 30 MPH $D = 56.54\%$
 $T_{24} = 6.3\%$

CRITERIA

- ☒ NEW CONSTRUCTION / RECONSTRUCTION
☐ RRR INTERSTATE / FREEWAY
☐ RRR NON-INTERSTATE / FREEWAY
☐ TDLC / NEW CONSTRUCTION / RECONSTRUCTION
☐ TDLC / RRR
☐ MANUAL OF UNIFORM MINIMUM STANDARDS
(FLORIDA GREENBOOK) (OFF-STATE HIGHWAY SYSTEM ONLY)

DESIGN SPEED APPROVALS

Annette K Brennan
DISTRICT DESIGN ENGINEER

4/25/07
DATE

Richard B. Moore
DISTRICT TRAFFIC OPERATIONS ENGINEER

4/26/07
DATE

LIST ANY POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION ELEMENTS:

NO EXCEPTIONS REQUIRED
NO VARIATIONS REQUIRED

LIST MAJOR STRUCTURES LOCATION/DESCRIPTION - REQUIRING INDEPENDENT STRUCTURE DESIGN:

LIST MAJOR UTILITIES WITHIN PROJECT CORRIDOR:

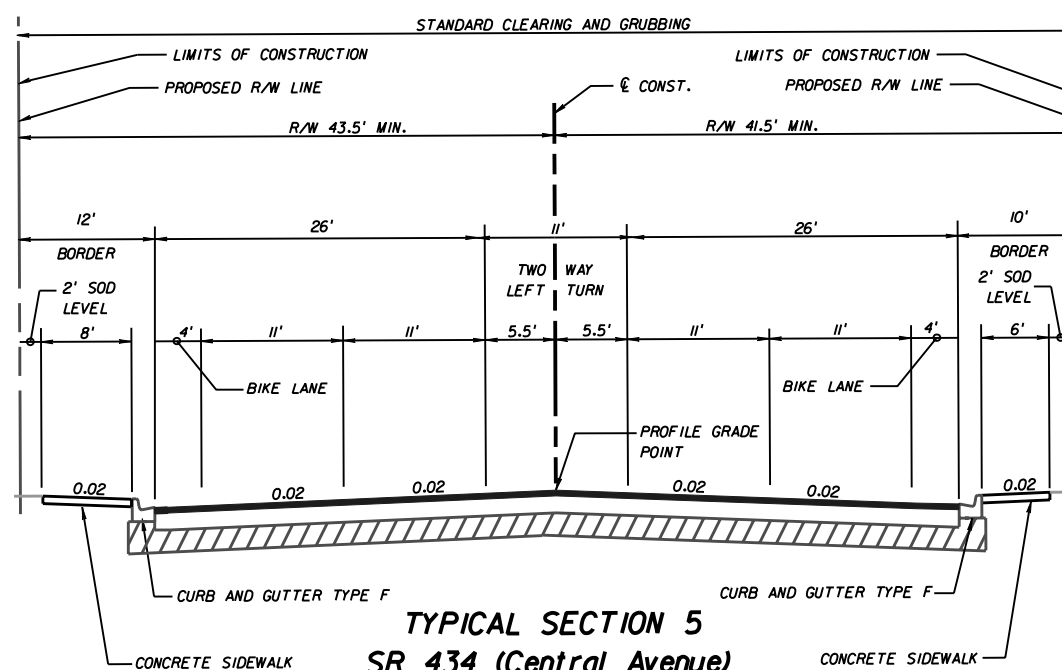
CITY OF OVIEDO UTILITIES
BRIGHT HOUSE NETWORKS, LLC
PROGRESS ENERGY
BELLSOUTH

LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID	415030-1		FEDERAL AID PROJECT NO.	N/A
COUNTY NAME	SEMINOLE (77060)	ROAD DESIGNATION	SR 426/ CR 419	LIMITS/MILEPOST
PROJECT DESCRIPTION	RECONSTRUCTING SR 434 FROM SMITH STREET TO OVIEDO SHOPPING CENTER			
	(MP 3.901 TO MP 4.026 AND MP 9.373 TO MP 9.465)			

PROPOSED ROADWAY TYPICAL SECTION



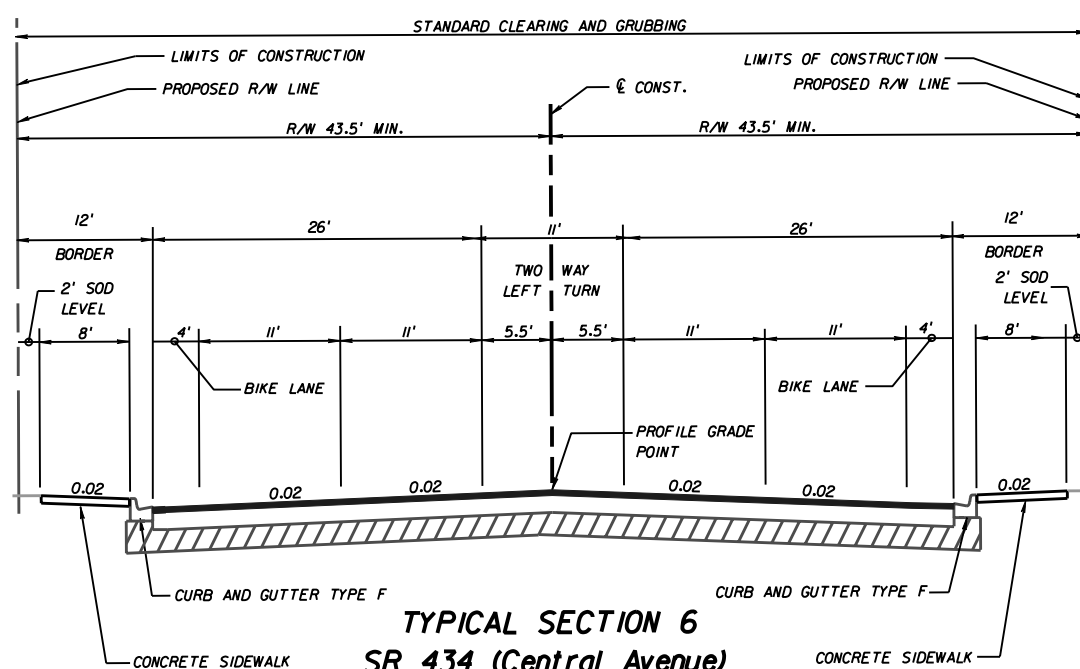
TYPICAL SECTION 5
SR 434 (Central Avenue)
STA. 3+00 TO STA. 11+00
DESIGN SPEED 30 MPH (Posted Speed 30 mph)

APPROVED BY	FDOT CONCURRENCE	SEMINOLE COUNTY CONCURRENCE
<div style="display: flex; justify-content: space-between;"> <div>GREGORY A. MOORE, P.E. Engineer Of Record (#59429)</div> <div>3/09/2007 Date</div> </div>	<div style="display: flex; justify-content: space-between;"> <div>ANNETTE K. BRENNAN FDOT District Design Engineer</div> <div>_____ Date</div> </div>	<div style="display: flex; justify-content: space-between;"> <div>JERRY MCCOLLUM Seminole County Engineer</div> <div>_____ Date</div> </div>

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID	<u>415030-1</u>	FEDERAL AID PROJECT NO.	<u>N/A</u>
COUNTY NAME	<u>SEMINOLE (77060)</u>	ROAD DESIGNATION	<u>SR 426/ CR 419</u>
PROJECT DESCRIPTION	<u>RECONSTRUCTING SR 434 FROM SMITH STREET TO OVIEDO SHOPPING CENTER</u>		
	<u>(MP 3.901 TO MP 4.026 AND MP 9.373 TO MP 9.465)</u>		

PROPOSED ROADWAY TYPICAL SECTION



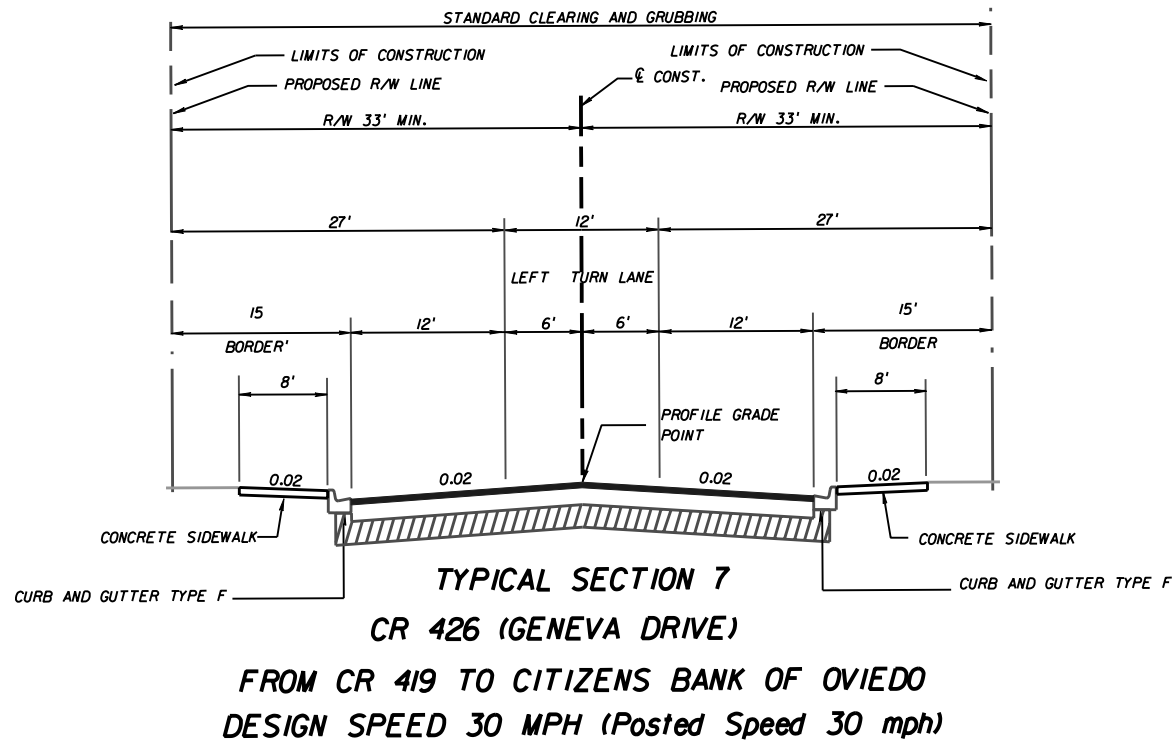
TYPICAL SECTION 6
SR 434 (Central Avenue)
STA. 11+00 TO STA. 21+00
DESIGN SPEED 30 MPH (Posted Speed 30 mph)

APPROVED BY	FDOT CONCURRENCE	SEMINOLE COUNTY CONCURRENCE
<div style="display: flex; justify-content: space-between;"> <div>GREGORY A. MOORE, P.E. Engineer Of Record (#59429)</div> <div>3/09/2007 Date</div> </div>	<div style="display: flex; justify-content: space-between;"> <div>ANNETTE K. BRENNAN FDOT District Design Engineer</div> <div>Date</div> </div>	<div style="display: flex; justify-content: space-between;"> <div>JERRY MCCOLLUM Seminole County Engineer</div> <div>Date</div> </div>

PROJECT IDENTIFICATION

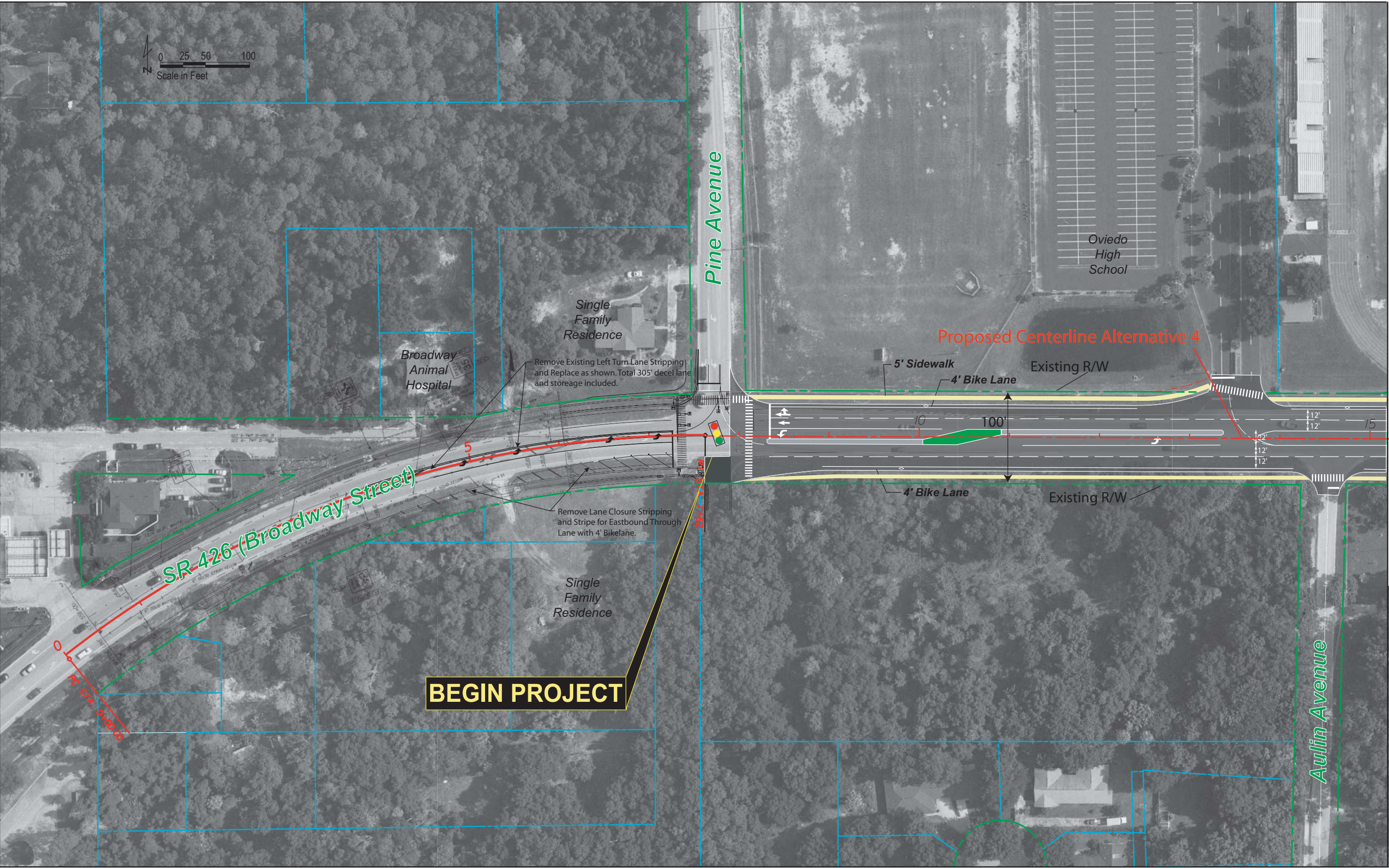
FINANCIAL PROJECT ID	415030-1		FEDERAL AID PROJECT NO.	N/A
COUNTY NAME	SEMINOLE (77060)	ROAD DESIGNATION	CR 426 (GENEVA DRIVE)	LIMITS/MILEPOST
PROJECT DESCRIPTION	RECONSTRUCTING CR 426 FROM CR 419 TO CITIZENS BANK OF OVIEDO			

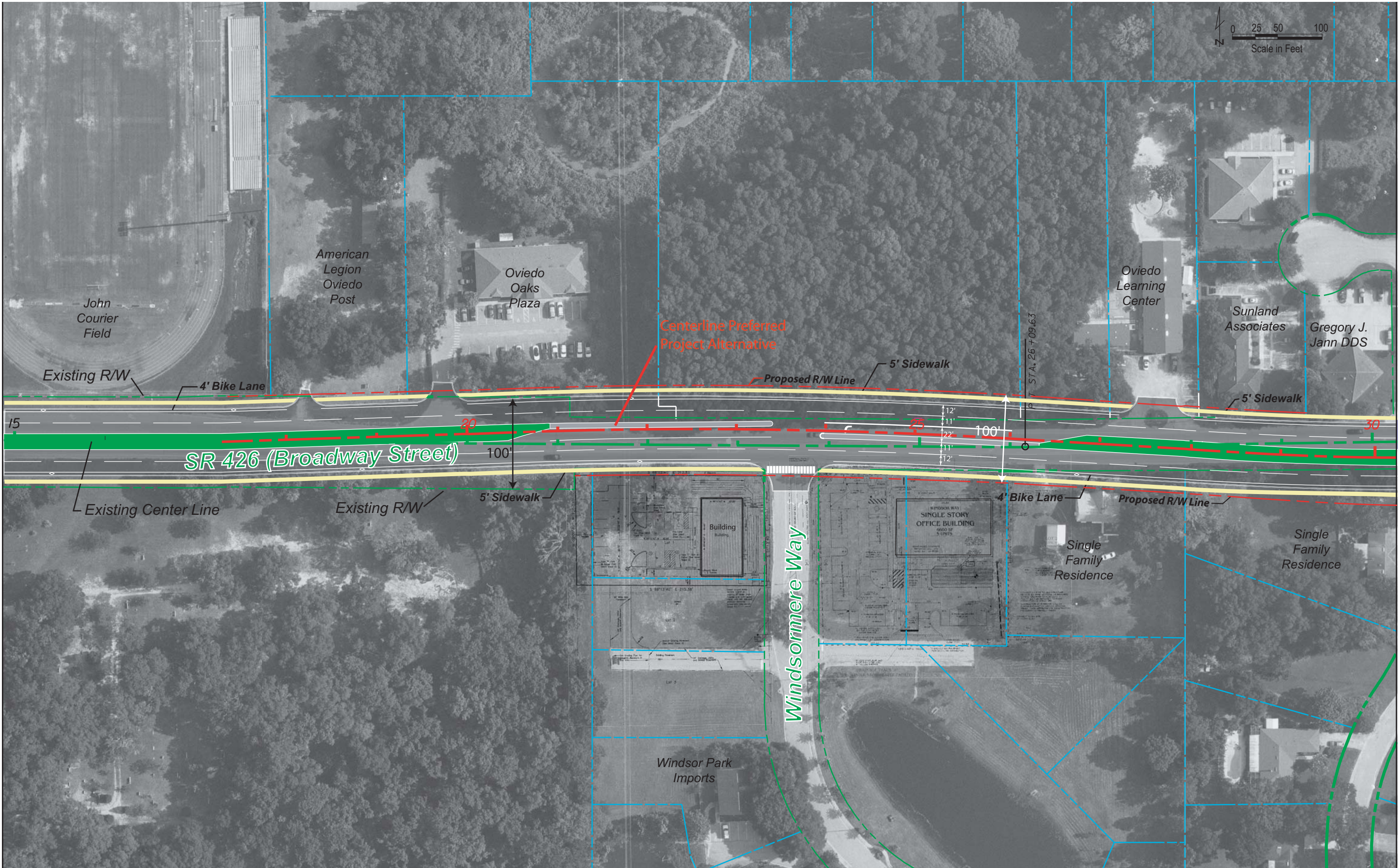
PROPOSED ROADWAY TYPICAL SECTION

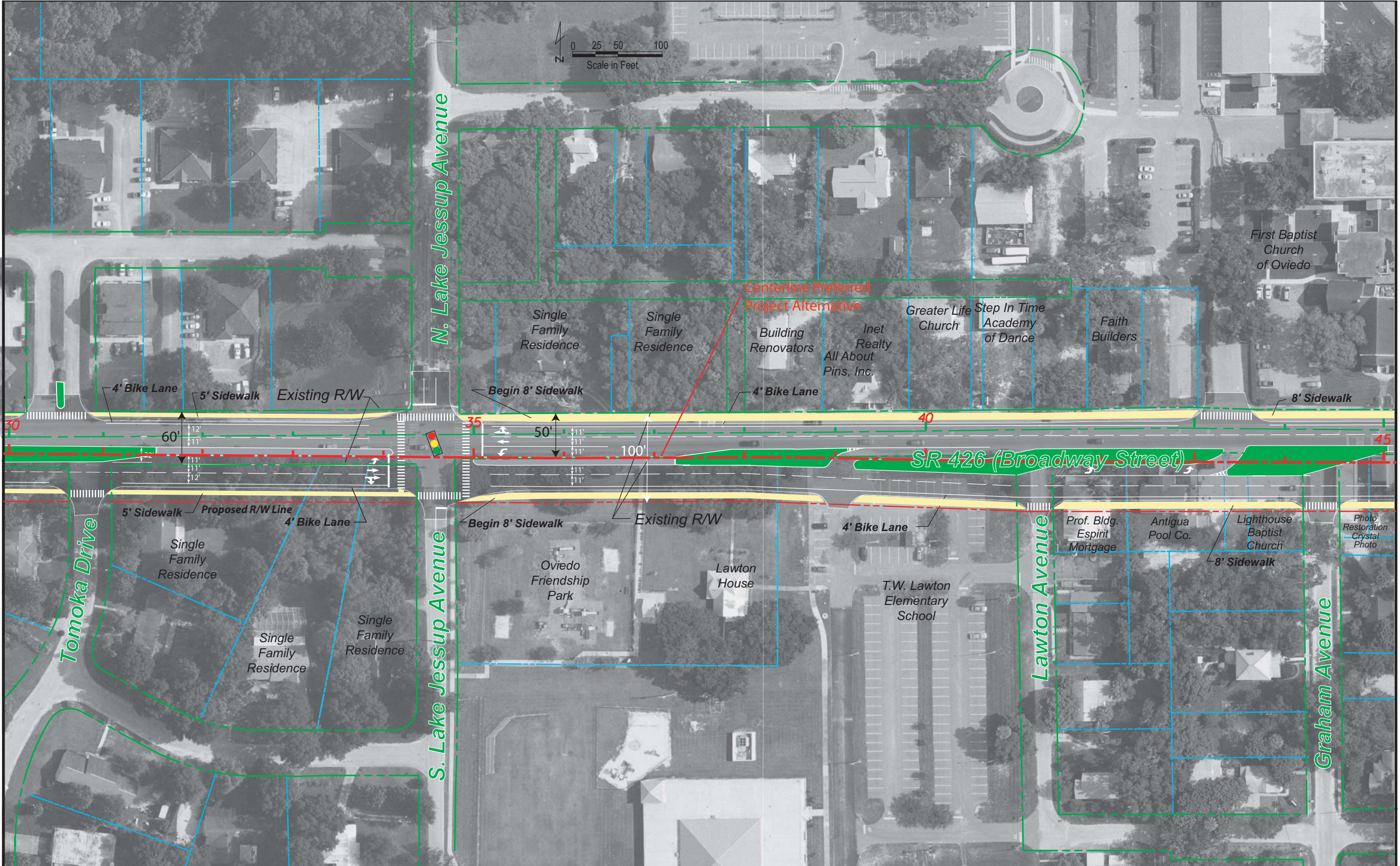


APPROVED BY	FDOT CONCURRENCE	SEMINOLE COUNTY CONCURRENCE
<div style="border-bottom: 1px solid black; width: 150px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> GREGORY A. MOORE, P.E. Engineer Of Record (#59429) 3/09/2007 Date </div>	<div style="border-bottom: 1px solid black; width: 150px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> ANNETTE K. BRENNAN FDOT District Design Engineer Date </div>	<div style="border-bottom: 1px solid black; width: 150px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> JERRY MCCOLLUM Seminole County Engineer Date </div>

APPENDIX D
Conceptual Design Plans



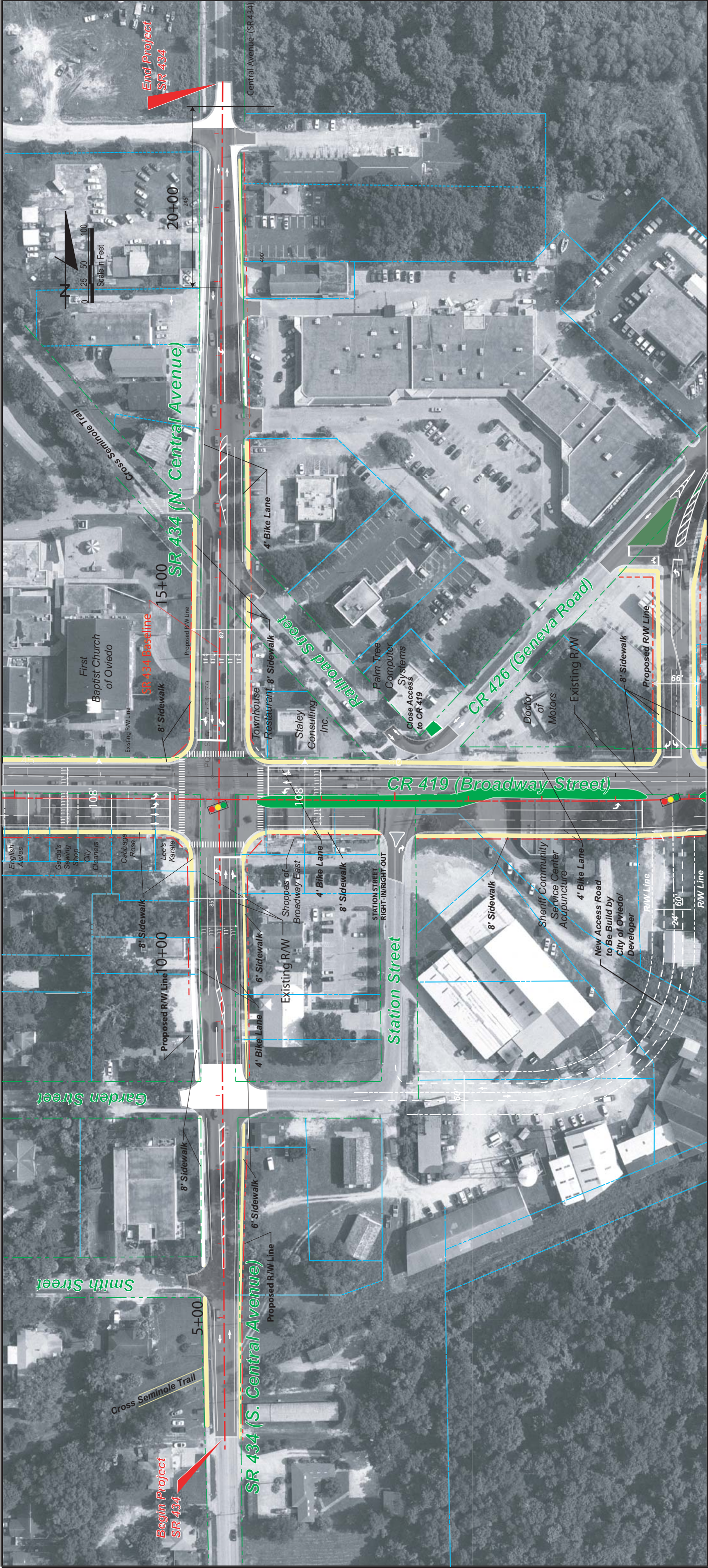





ENVIRONMENT (PD&E) STUDY
From Pine Avenue to Lockwood Boulevard
City of Oviedo

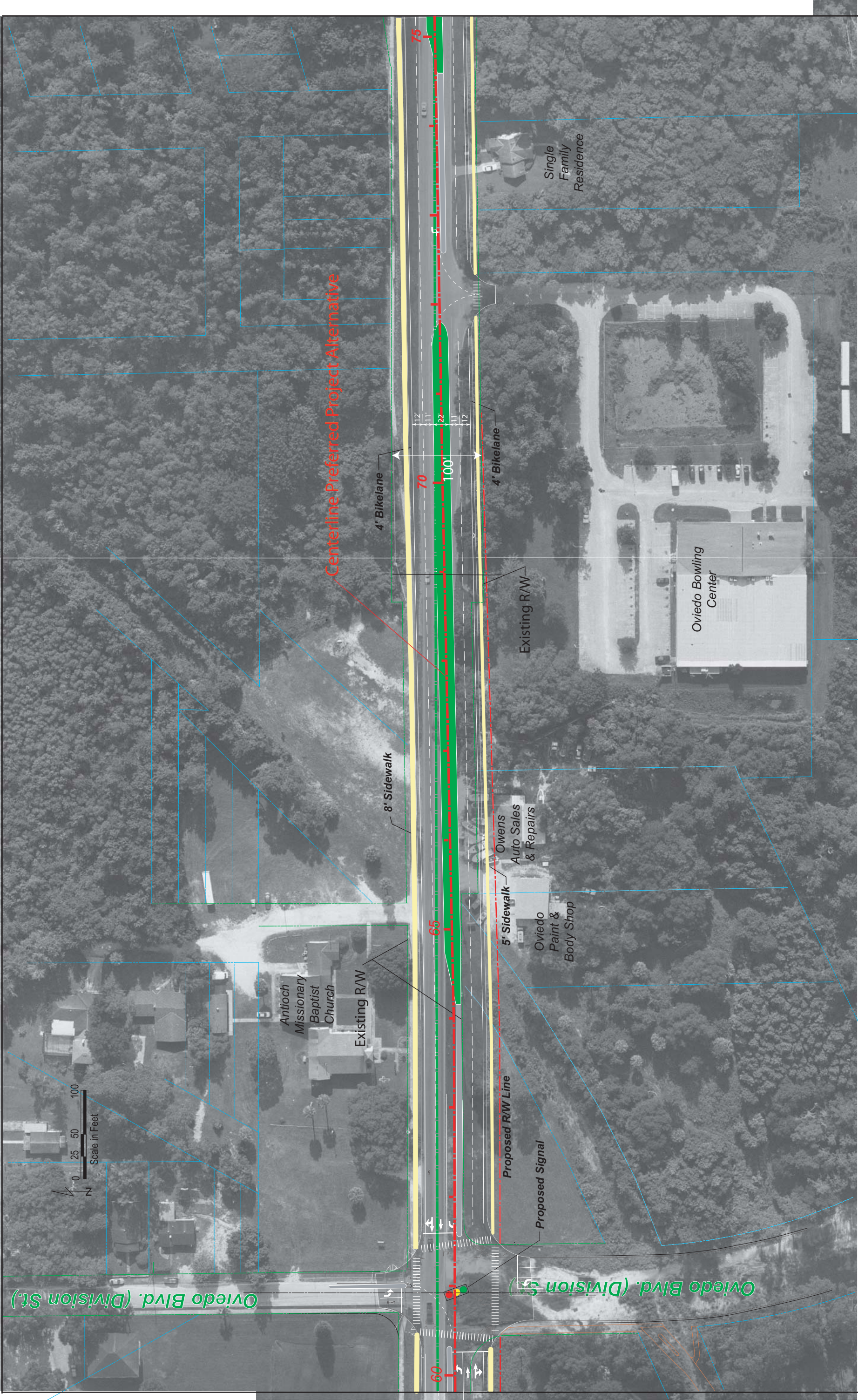
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

Preferred Project Alternative



		<div>REVISIONS</div> <table><tr><th>DATE</th><th>BY</th><th>DESCRIPTION</th></tr><tr><td></td><td></td><td></td></tr></table>		DATE	BY	DESCRIPTION				<div></div> <div>SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo</div>	<div>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</div> <table><tr><td>ROAD NO.</td><td>COUNTY</td><td>FINANCIAL PROJECT ID</td></tr><tr><td></td><td></td><td></td></tr></table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID				Preferred Project Alternative	Sheet 5
				DATE	BY	DESCRIPTION															
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			



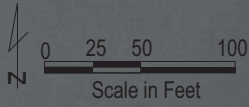


DATE	BY	REVISIONS	DESCRIPTION	SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			Preferred Project Alternative		Sheet
							ROAD NO.	COUNTY	FINANCIAL PROJECT ID			6

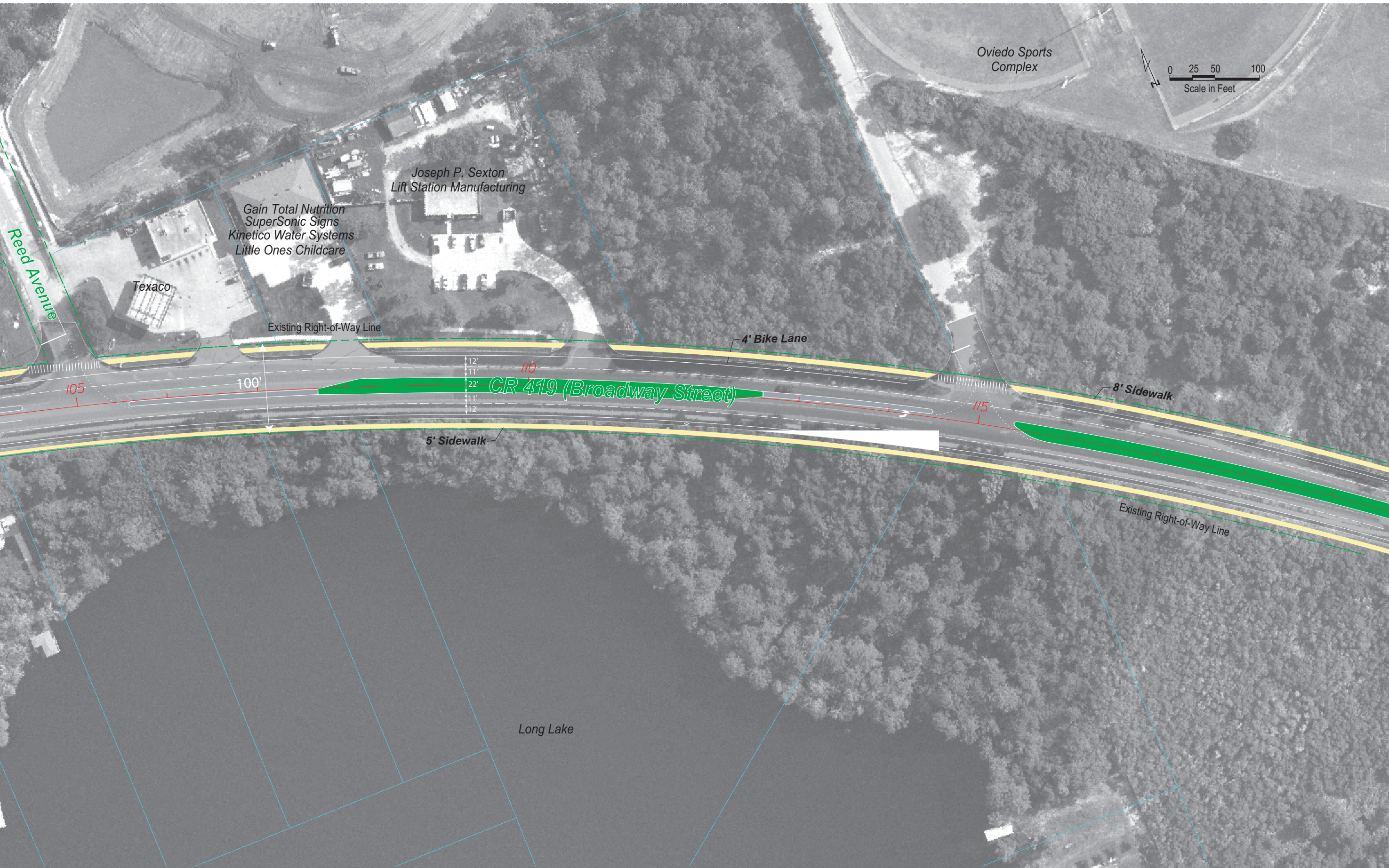





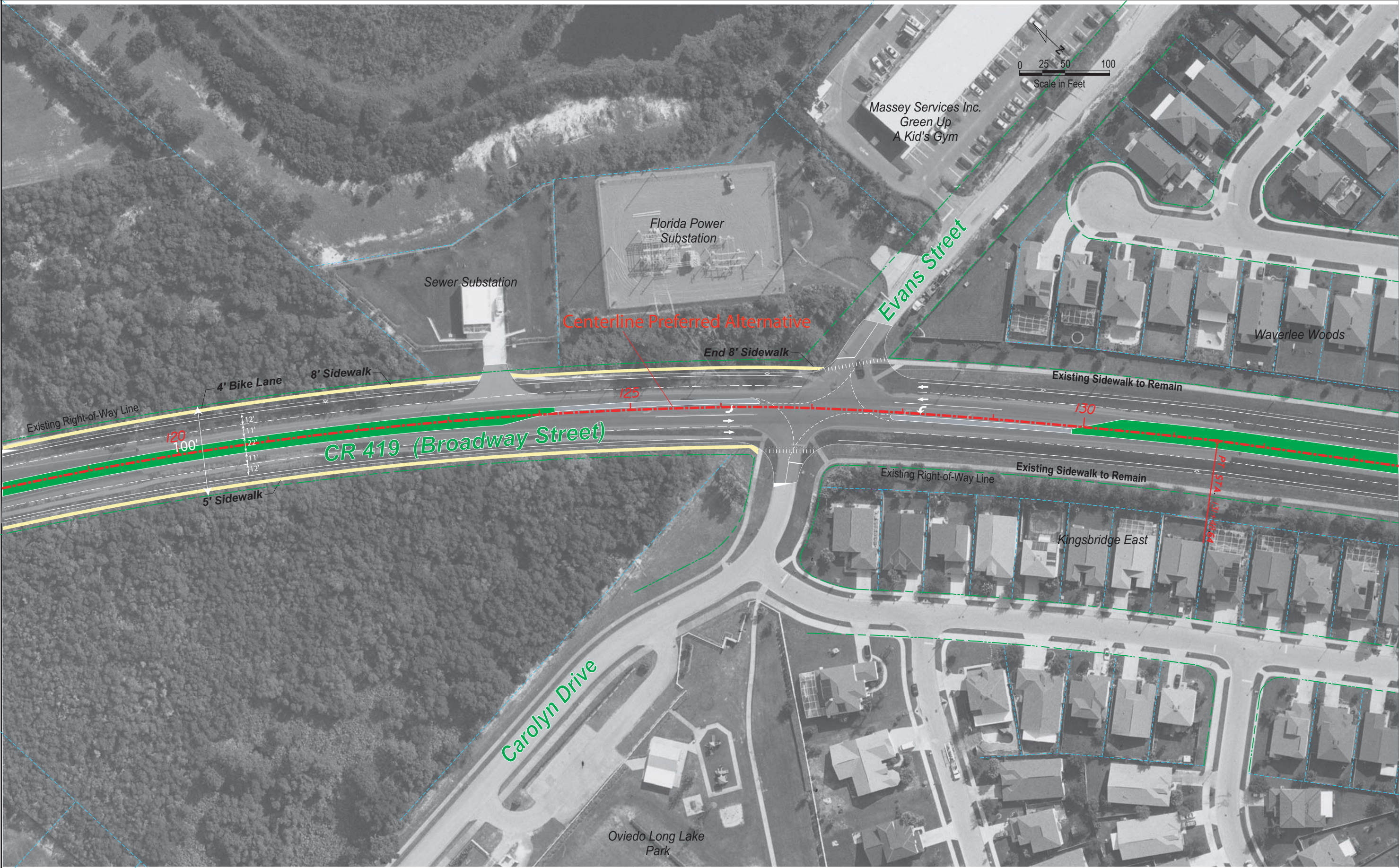
			REVISIONS			SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			Preferred Project Alternative	Sheet
			DATE	BY			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7



					SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		Preferred Project Alternative		Sheet
											8
REVISIONS											
DATE	BY	DESCRIPTION									




REVISIONS				SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			Preferred Project Alternative	Sheet
DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9



	REVISIONS			 <div>SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo</div>	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			Preferred Project Alternative	Sheet
	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10



			REVISIONS			SR 426 /CR 419 PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY From Pine Avenue to Lockwood Boulevard City of Oviedo	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		Preferred Project Alternative	Sheet
			DATE	BY			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	11

