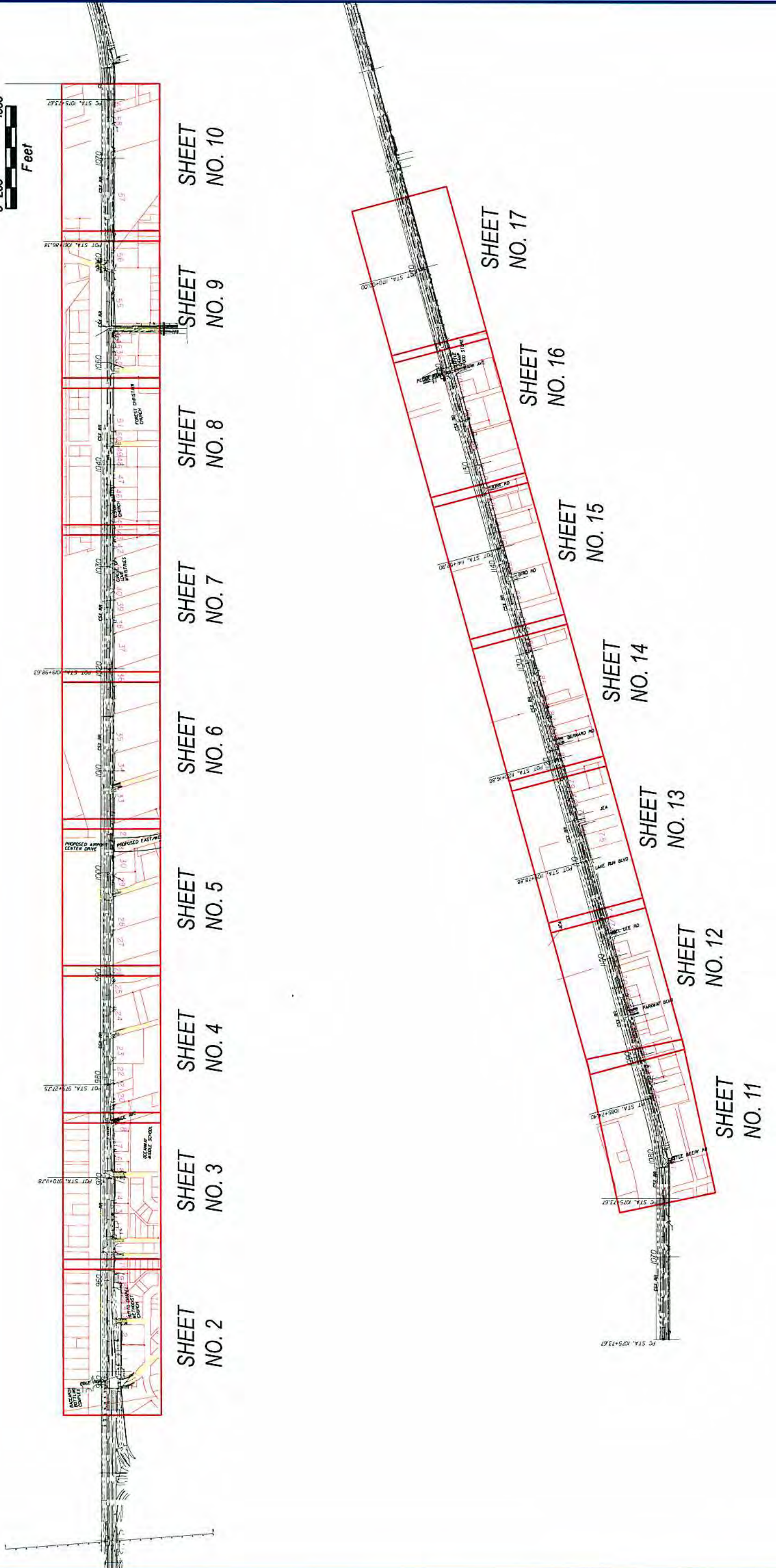
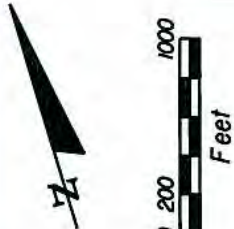
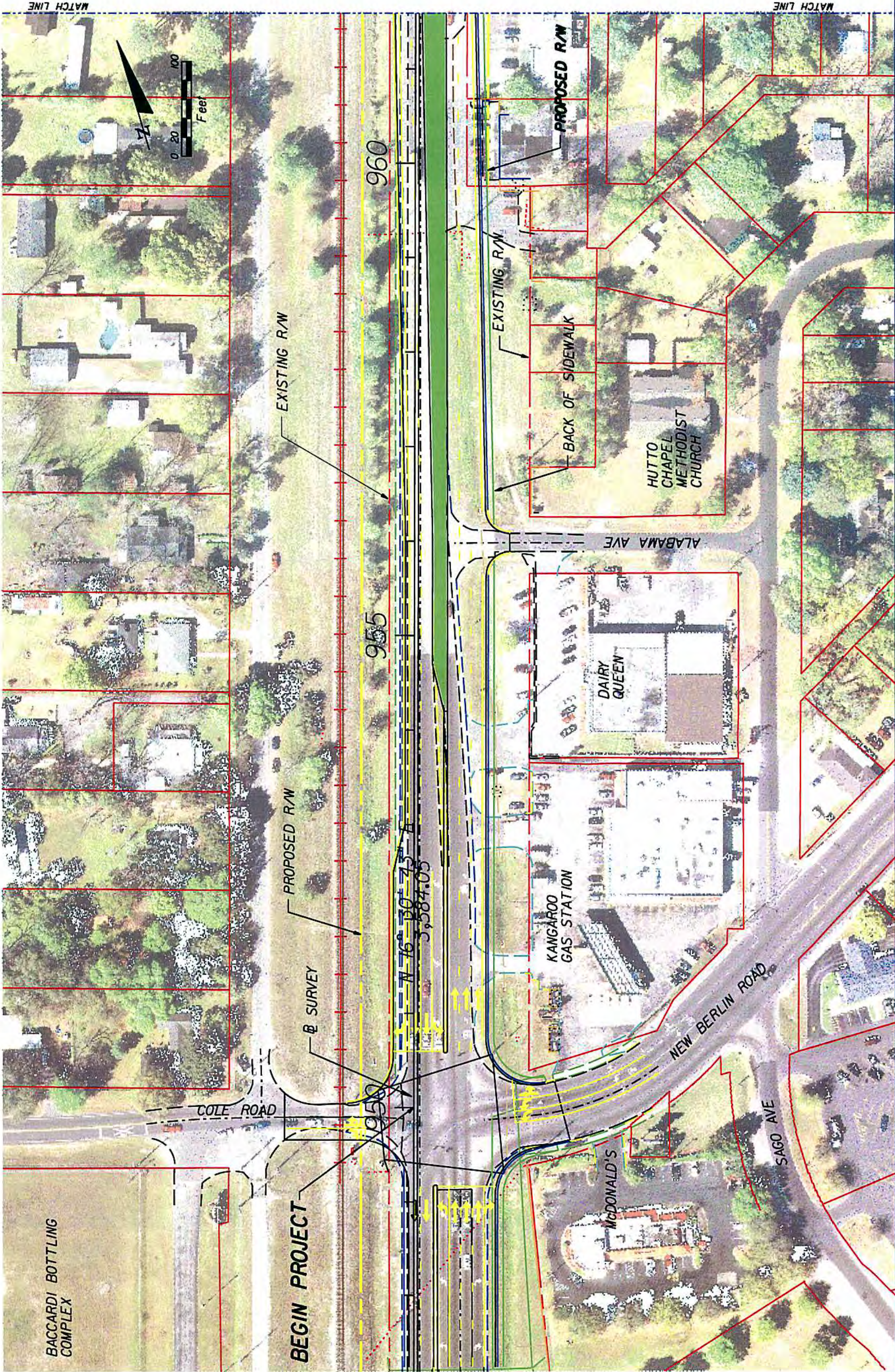


APENDIX A – *Concept Plans*
for PD&E Concept



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						ROAD NO.	COUNTY			
						5	DUVAL	209411-3-22-01	1	
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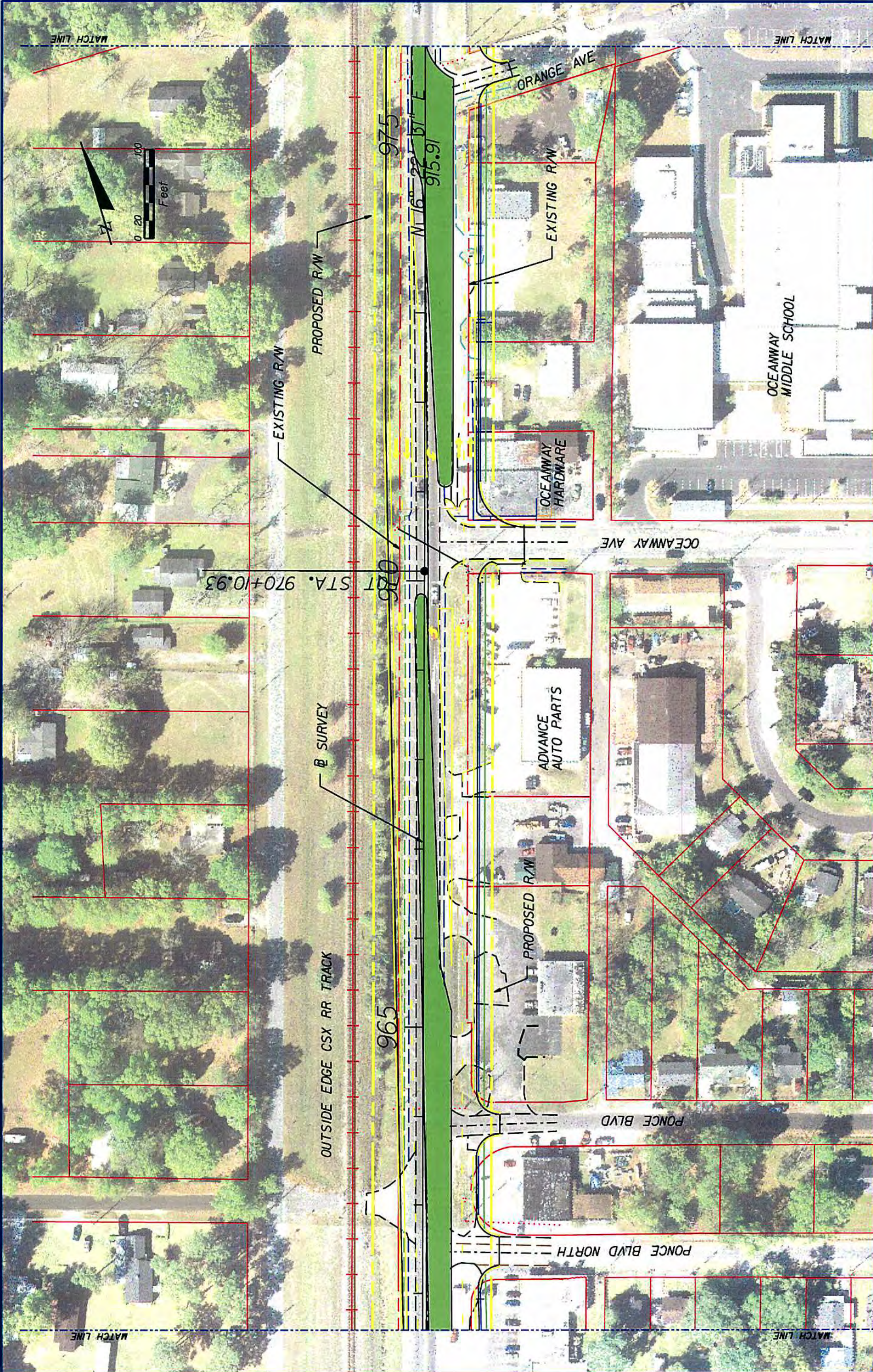


DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CH2M HILL
9428 BAYMEADOWS ROAD, SUITE 200
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION 00000072

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
5	DUVAL	209411-3-22-01

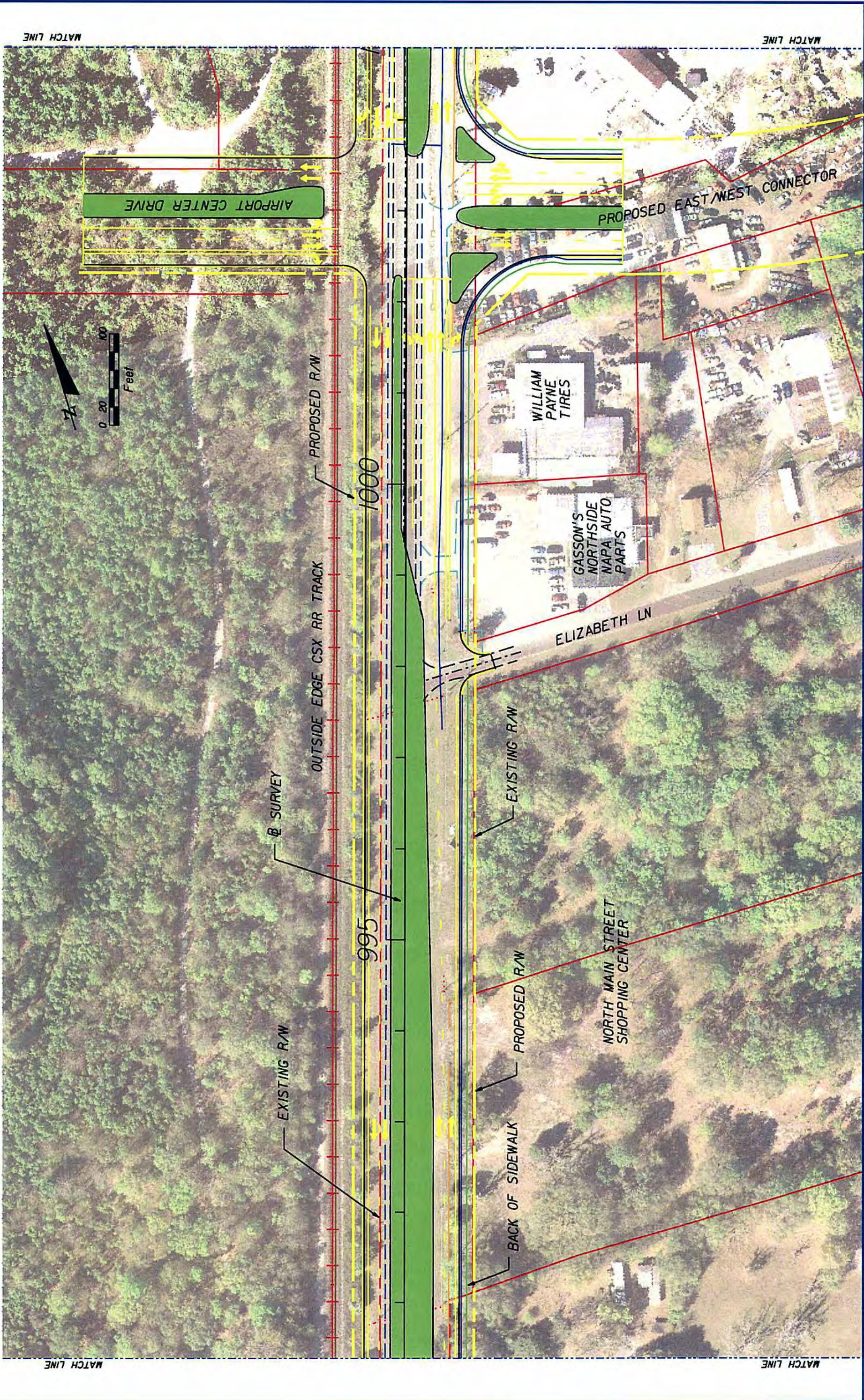
US 17 PD&E 46 FOOT MEDIAN ALT	
SHEET NO.	2



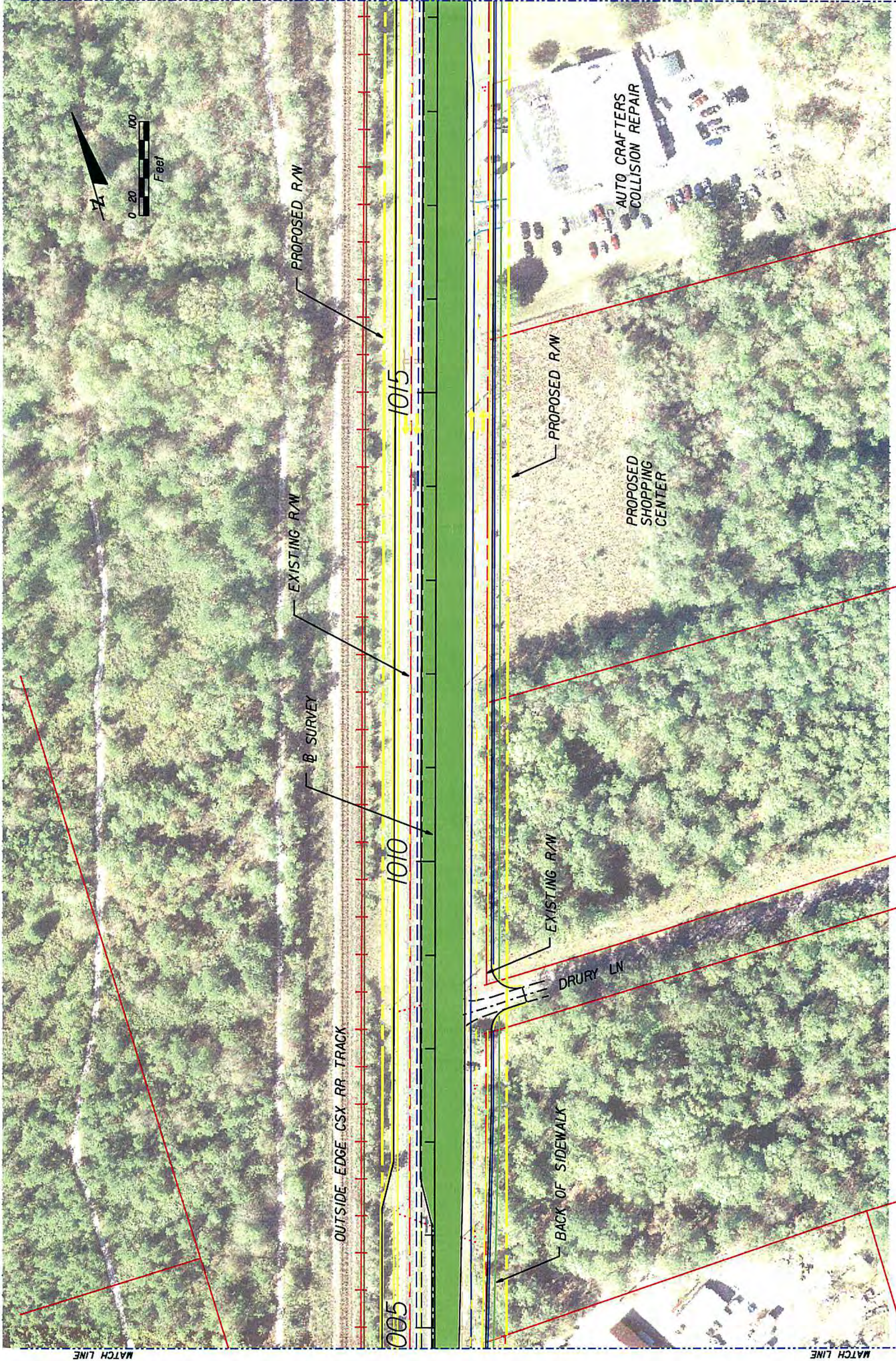
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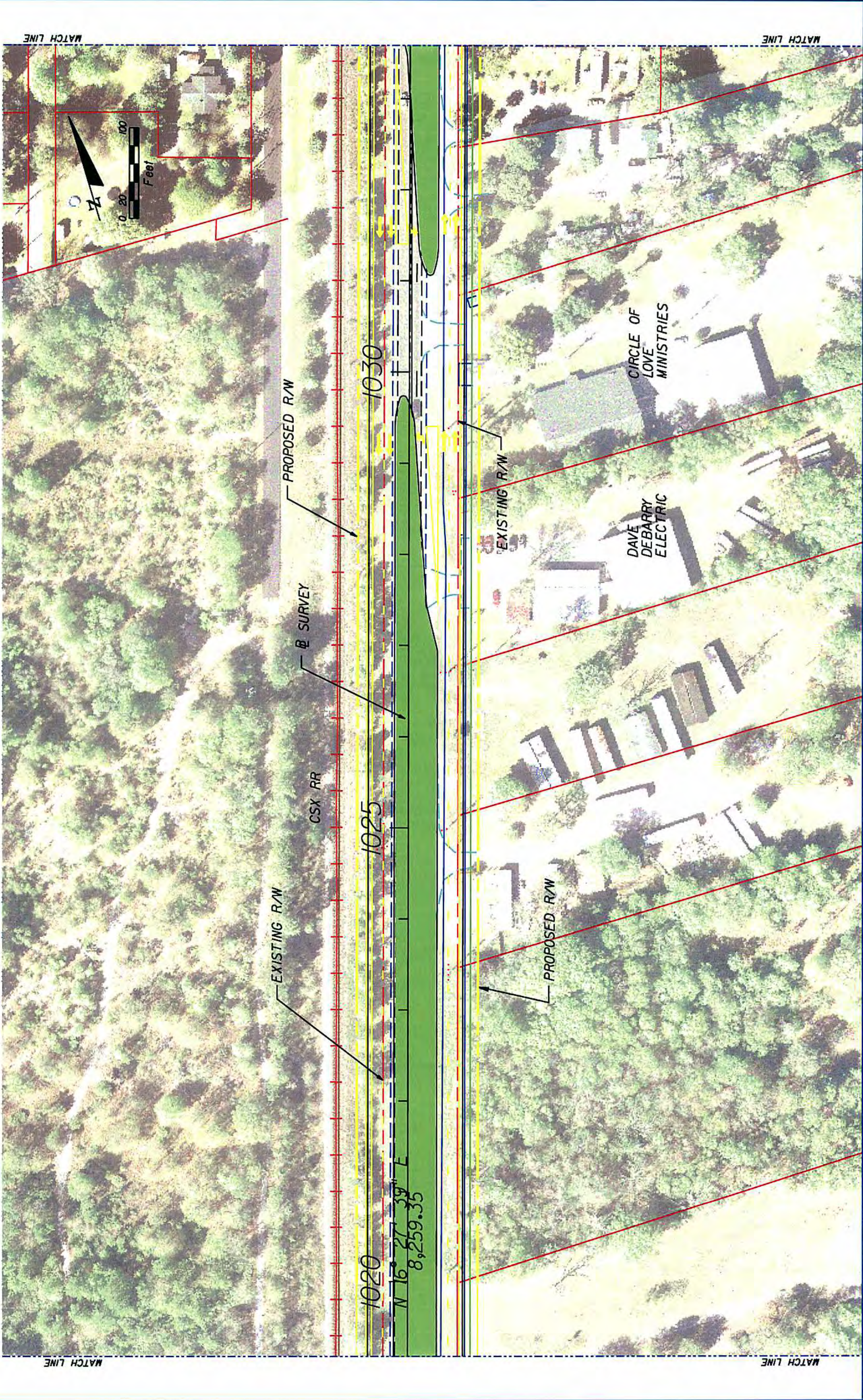
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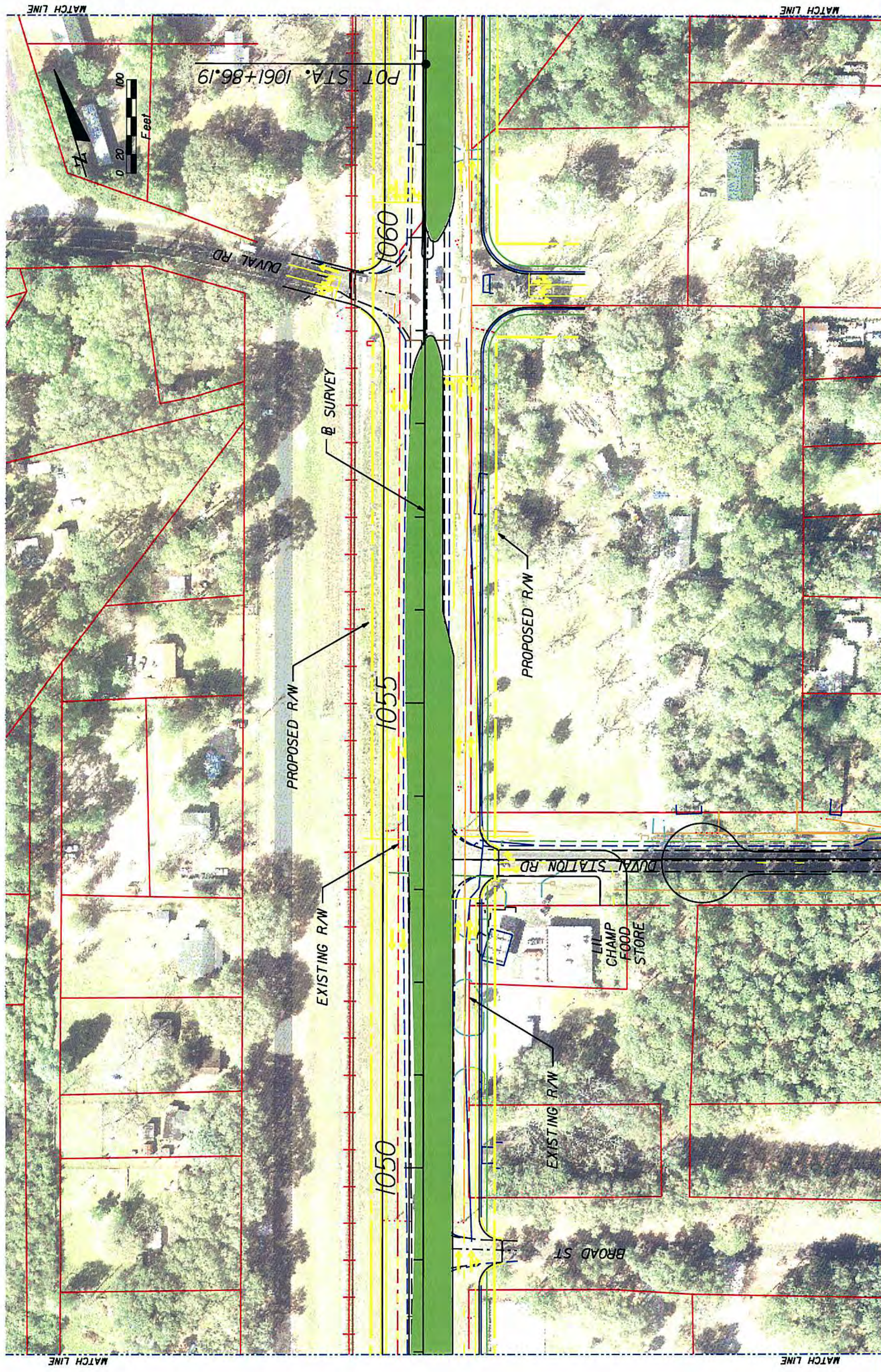
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REVISIONS		DESCRIPTION		DATE		BY		ROAD NO.		COUNTY		FINANCIAL PROJECT ID			
								5		DUVAL		209411-3-22-01		5	



REVISIONS					CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 000000072			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 5 COUNTY DUVAL FINANCIAL PROJECT ID 209411-3-22-01			US 17 PD&E 46 FOOT MEDIAN ALT		SHEET NO.
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION								



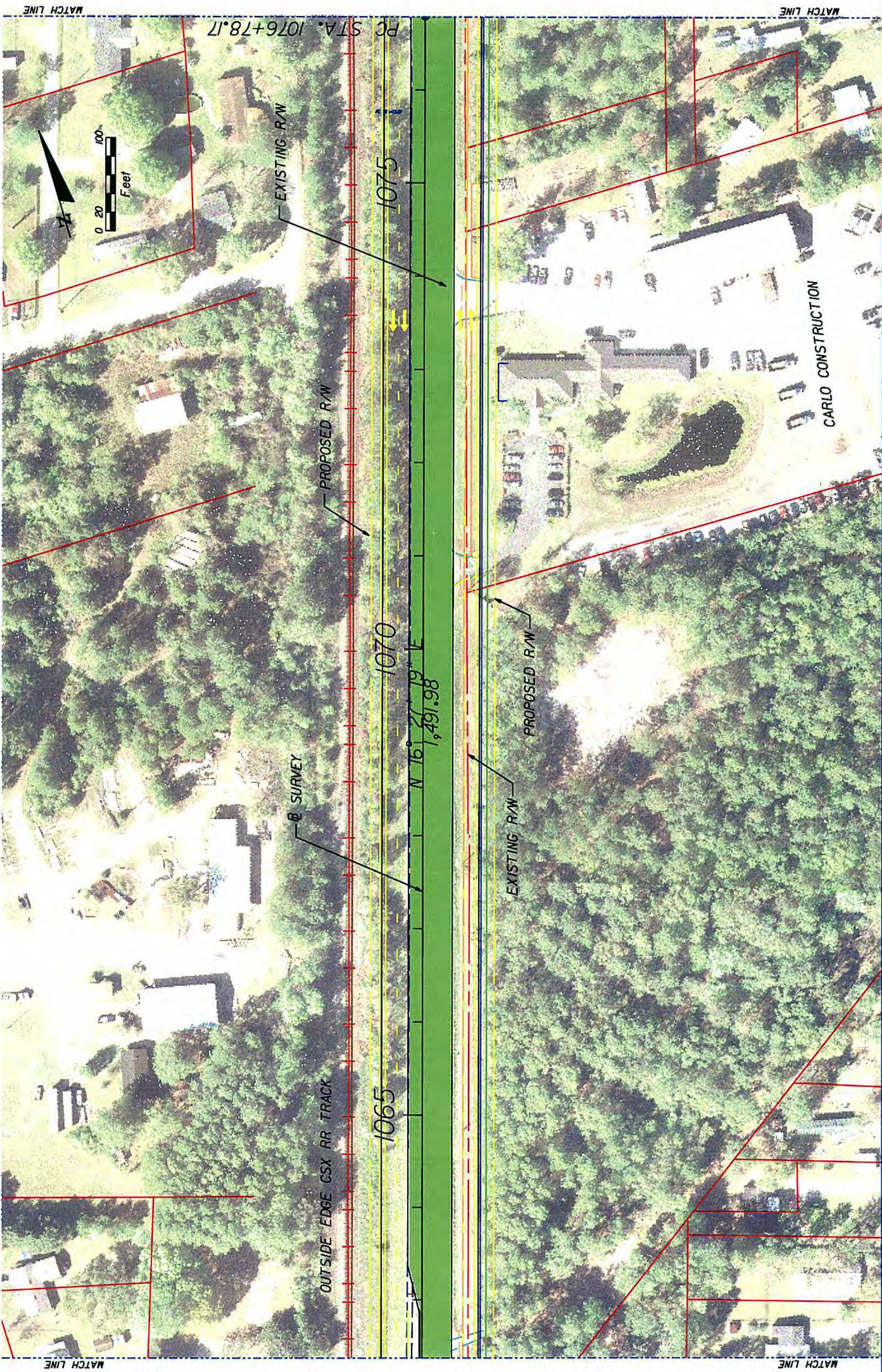
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				ROAD NO.	COUNTY			
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				CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 00000072				
REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			

[illegible]

CH2M HILL
9428 BAYMEADOWS ROAD, SUITE 200
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION 000000072

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
5	DUVAL	209411-3-22-01

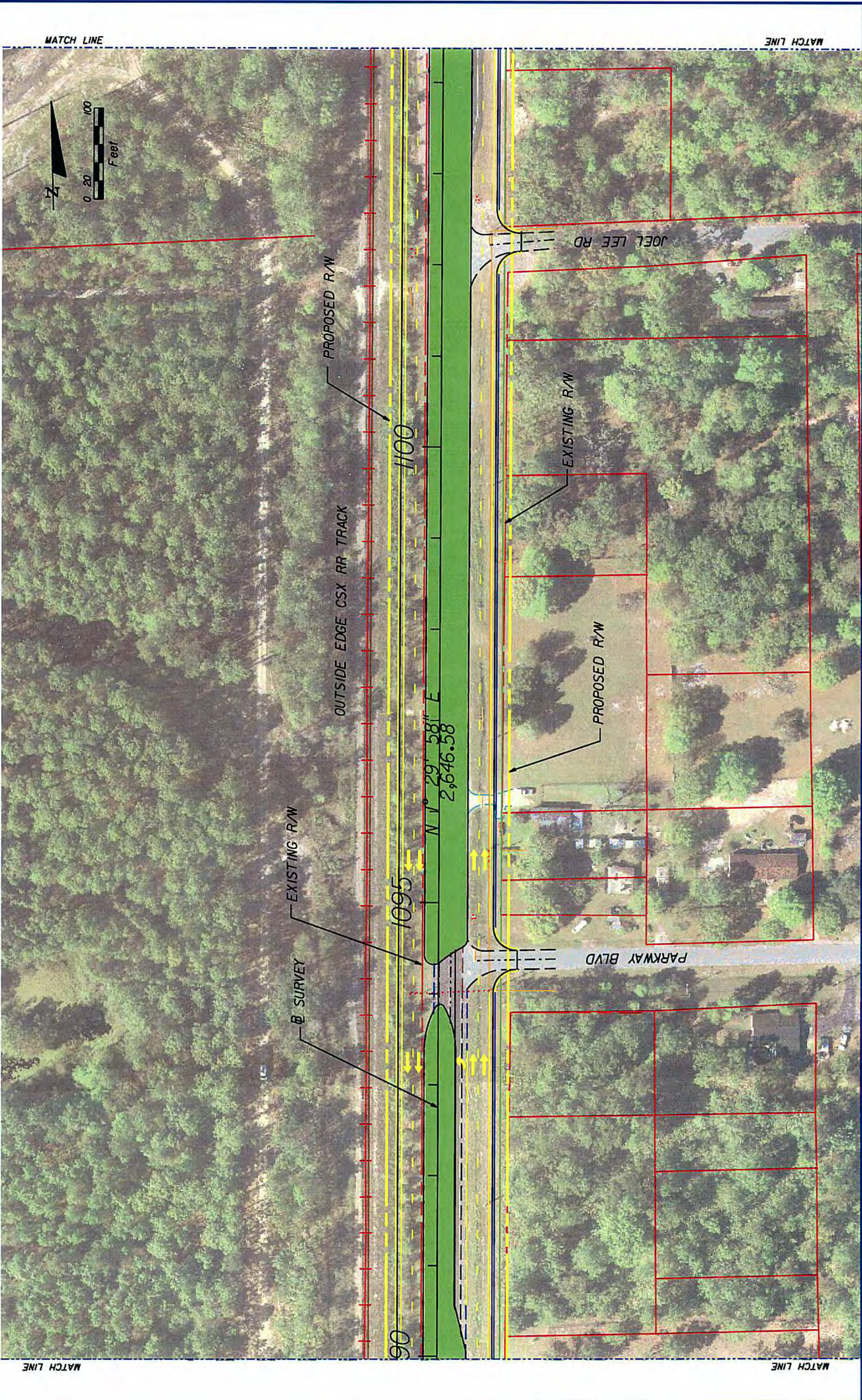
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46 MEDIAN FOOT ALT**



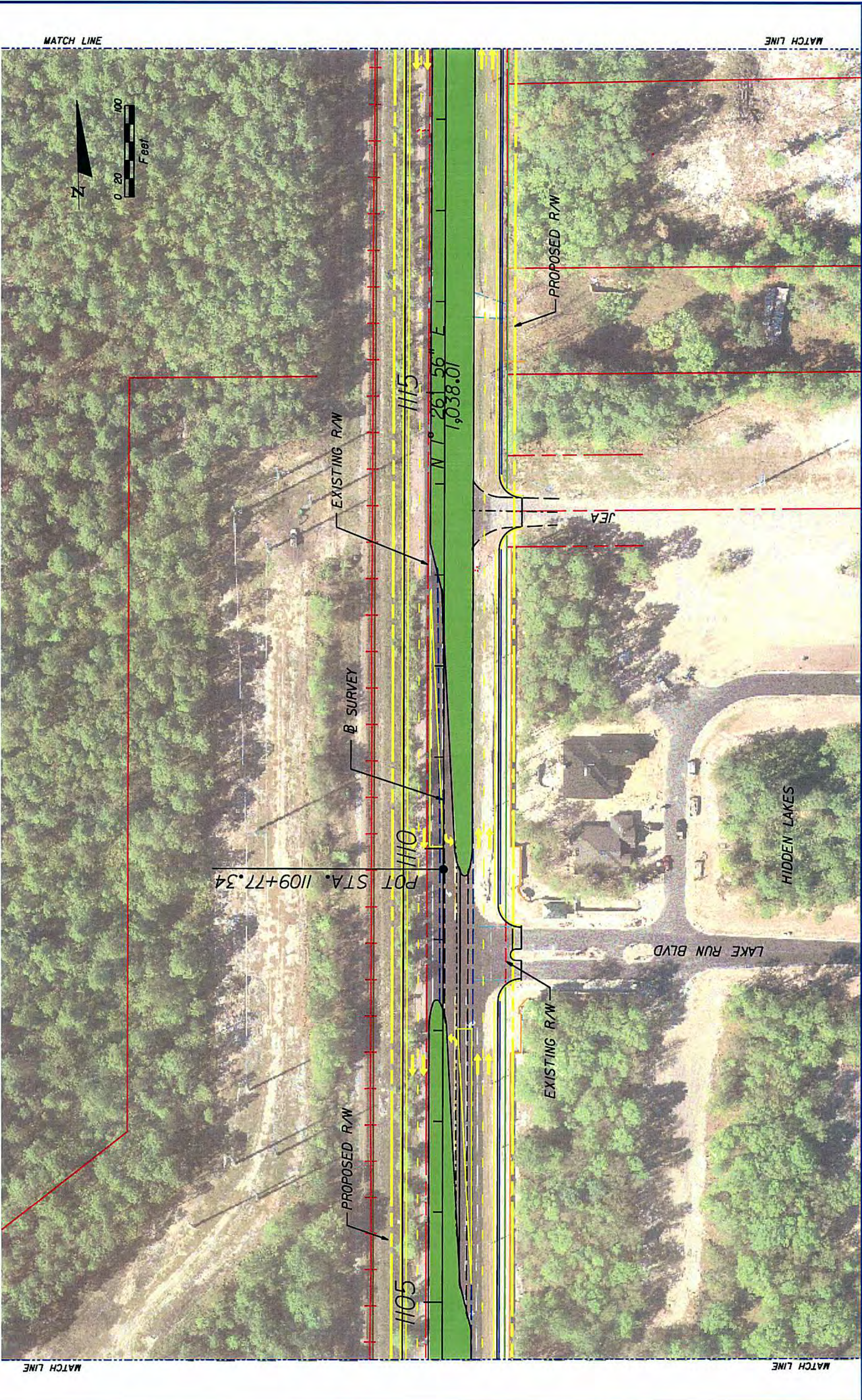
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								DEPARTMENT OF TRANSPORTATION					
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								5		DUVAL		209411-3-22-01	
								CH2M HILL					
								9428 BAYMEADOWS ROAD, SUITE 200					
								JACKSONVILLE, FL 32256					
								CERTIFICATE OF AUTHORIZATION 00000072					



REVISIONS				STATE OF FLORIDA			DEPARTMENT OF TRANSPORTATION		US 17 PD&E		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	46 FOOT MEDIAN ALT		
											II
CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 00000072						5	DUVAL	2094II-3-22-01			



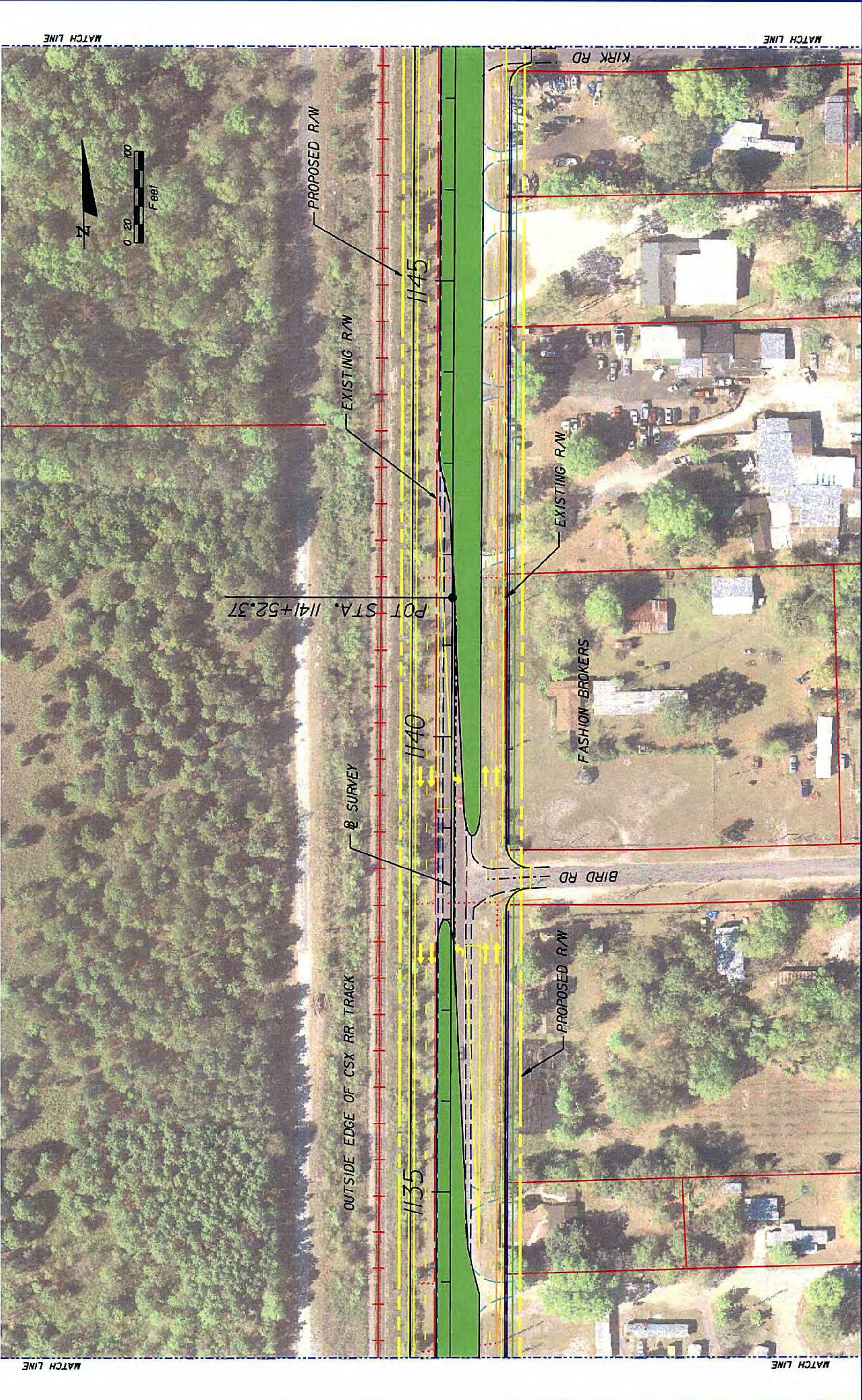
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					CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 000000072	5	DUVAL	209411-3-22-01			



REVISIONS				STATE OF FLORIDA				US 17 PD&E		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	DEPARTMENT OF TRANSPORTATION	46 FOOT MEDIAN ALT	
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				CH2M HILL				209411-3-22-01		
				9428 BAYMEADOWS ROAD, SUITE 200						
				JACKSONVILLE, FL 32256						
				CERTIFICATE OF AUTHORIZATION 00000072						



REVISIONS			STATE OF FLORIDA			US 17 PD&E			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 00000072	5	DUVAL	209411-3-22-01	14



			CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 00000072			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 17 PD&E 46 FOOT MEDIAN ALT		SHEET NO.
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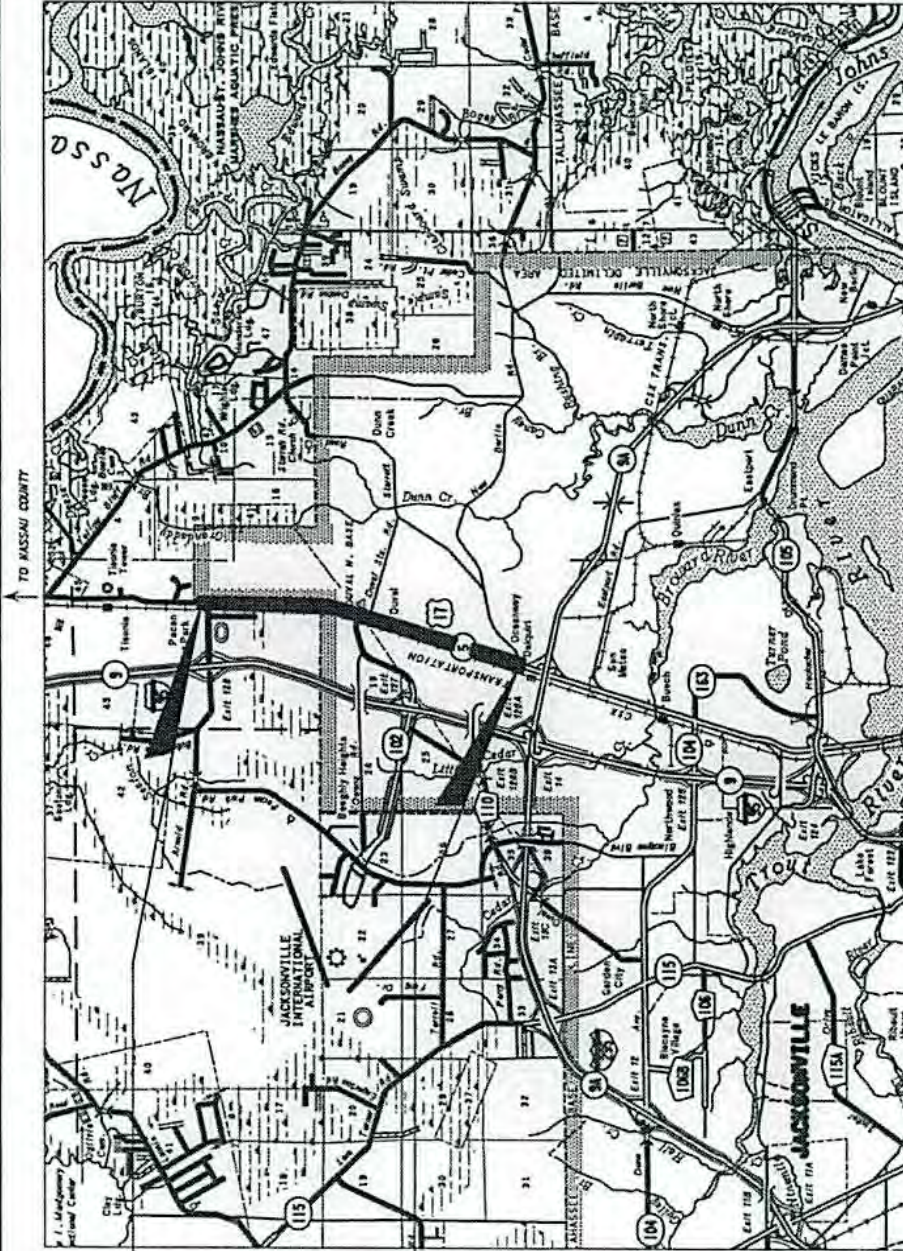


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CH2M HILL 9428 BAYMEADOWS ROAD, SUITE 200 JACKSONVILLE, FL 32256 CERTIFICATE OF AUTHORIZATION 00000072						DEPARTMENT OF TRANSPORTATION				
						FINANCIAL PROJECT ID				

Appendix B – Typical Section Package

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 209411-3-22-01 FEDERAL AID PROJECT NO. FEDERAL FUNDS
 COUNTY NAME DUVAL COUNTY (72060) ROAD DESIGNATION US 17 (SR 5) LIMITS/MILEPOST 2.25 TO 6.23
 PROJECT DESCRIPTION MULTILANE RECONSTRUCTION OF US 17 FROM NEW BERLIN ROAD TO NORTH OF PECAN PARK ROAD



END PROJECT

BEGIN PROJECT

APPROVED BY *Bryon J. Russell*
 Bryon J. Russell, P.E.
 Engineer Of Record

4-20-2007 1:06:34 PM C:\wdr\11\09074 - U.S. 17 FDOT\typo\doc.dgn

FDOT CONCURRENCE
Jimmy Plimmon
 Jimmy Plimmon, P.E.
 FDOT District Design Engineer

5-11-07
 Date

FHWA CONCURRENCE

FHWA Transportation Engineer

Date

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 209411-3-22-01 COUNTY DUVAL COUNTY (72060)
 PROJECT DESCRIPTION MULTILANE RECONSTRUCTION OF US 17 FROM EAST WEST CONNECTOR TO DUVAL ROAD

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	2004	14,200
OPENING	2015	21,600
DESIGN	2035	30,800

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)

DISTRIBUTION

DESIGN SPEED	45	K 9.94%
POSTED SPEED	45	D 57.04%
		T ₂₄ 8.73%

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

NONE

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

NONE

LIST MAJOR UTILITIES WITHIN PROJECT CORRIDOR:

JEA - OVERHEAD ELECTRIC, WATER, AND SEWER. TECO NATURAL GAS. COMCAST AND BELLSOUTH FOC.

LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:

NO SIDEWALK ONLEFT DUE TO PRESENCE OF CSX RAILROAD

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 209411-3-22-01 **COUNTY** DUVAL COUNTY (72060)
PROJECT DESCRIPTION MULTILANE RECONSTRUCTION OF US 17 FROM NEW BERLIN ROAD TO EAST WEST CONNECTOR

PROJECT CONTROLS

FUNCTIONAL CLASSIFICATION

- ☐ RURAL
☒ URBAN
☐ FREEWAY/EXPWAY. ☐ 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	<u>2004</u>	<u>16,600</u>
OPENING	<u>2015</u>	<u>38,000</u>
DESIGN	<u>2035</u>	<u>52,800</u>

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)

DISTRIBUTION

DESIGN SPEED	<u>45</u>	K 9.94%
POSTED SPEED	<u>45</u>	D 57.04%
		T ₂₄ 8.73%

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

NONE

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

NONE

LIST MAJOR UTILITIES WITHIN PROJECT CORRIDOR:

JEA - OVERHEAD ELECTRIC, WATER, AND SEWER. TECO NATURAL GAS. COMCAST AND BELLSOUTH FOC.

LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:

NO SIDEWALK ON LEFT DUE TO PRESENCE OF CSX RAILROAD

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 209411-3-22-01 COUNTY DUVAL COUNTY (72060)
 PROJECT DESCRIPTION MULTILANE RECONSTRUCTION OF US 17 FROM DUVAL ROAD TO NORTH OF PECAN PARK ROAD

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	<u>2004</u>	<u>12,900</u>
OPENING	<u>2015</u>	<u>19,600</u>
DESIGN	<u>2035</u>	<u>27,200</u>

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)

DISTRIBUTION

DESIGN SPEED	<u>45</u>	K 9.94%
POSTED SPEED	<u>45</u>	D 57.04%
		T ₂₄ 8.73%

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

NONE

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

NONE

LIST MAJOR UTILITIES WITHIN PROJECT CORRIDOR:

JEA - OVERHEAD ELECTRIC, WATER, AND SEWER. COMCAST AND BELLSOUTH FOC.

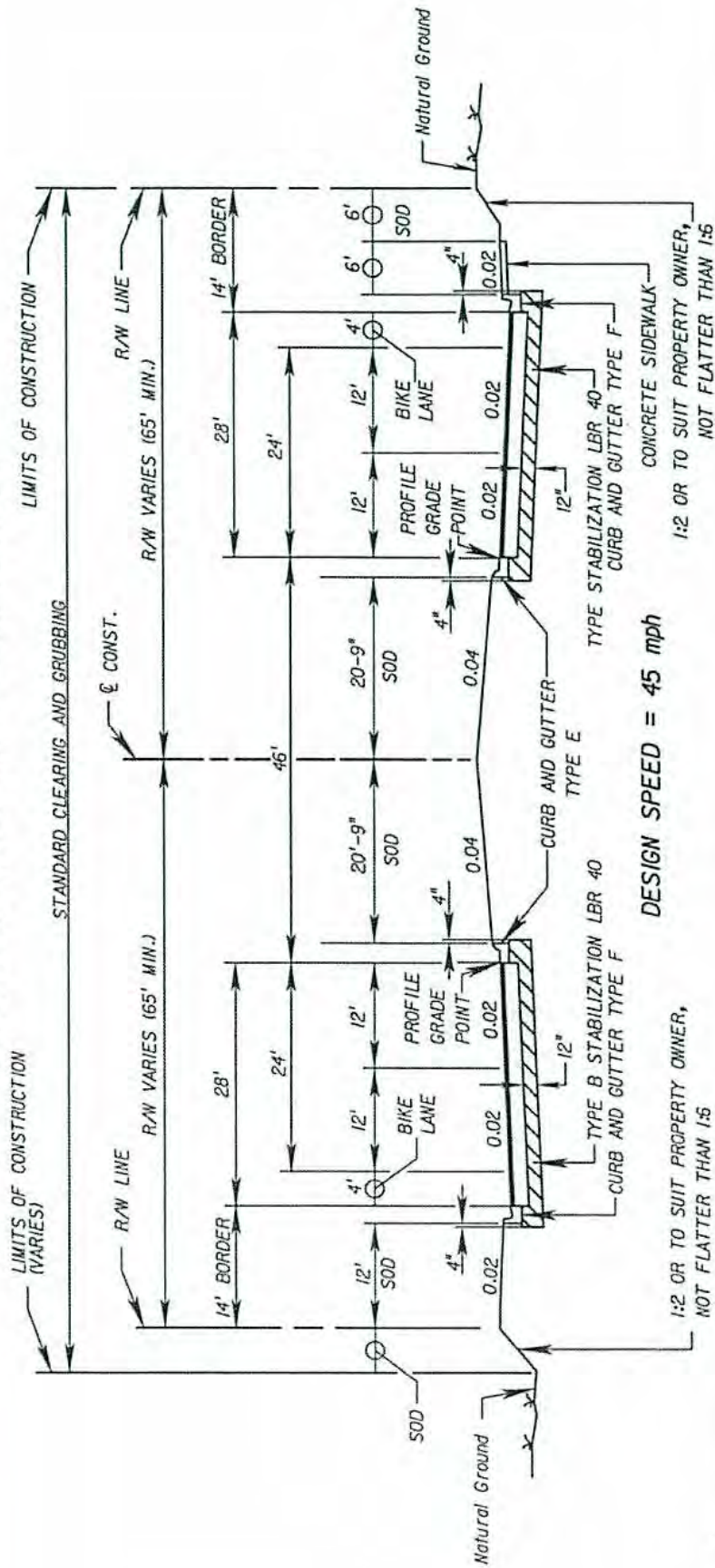
LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:

NO SIDEWALK ONLEFT DUE TO PRESENCE OF CSX RAILROAD

PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 2094H-3-22-01 FEDERAL AID PROJECT NO. FEDERAL FUNDS
 COUNTY NAME DUVALL COUNTY (72060) ROAD DESIGNATION US 17 (SR 5) LIMITS/MILEPOST 2.25 TO 6.23
 PROJECT DESCRIPTION MULTILANE RECONSTRUCTION OF US 17 FROM NEW BERLIN ROAD TO NORTH OF PECAN PARK ROAD

PROPOSED ROADWAY TYPICAL SECTION



APPROVED BY

Bryan J. Russell, P.E.
 Engineer Of Record

Date

430-07

FDOT CONCURRENCE

James Pitman
 Jimmy Pitman, P.E.
 FDOT District Design Engineer

Date

5-11-07

FHWA CONCURRENCE

FHWA Transportation Engineer

Date