

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

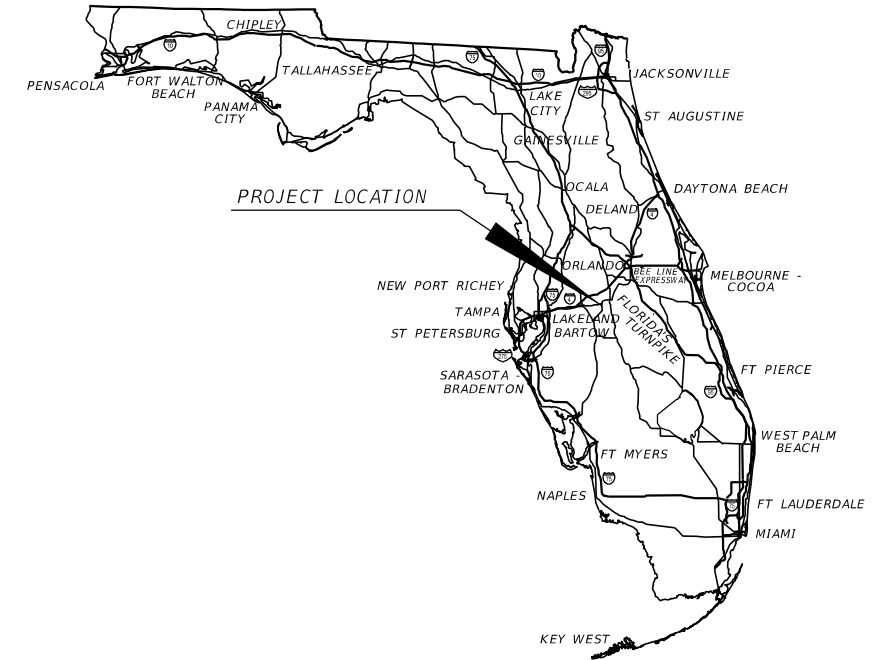
CONTRACT PLANS

FINANCIAL PROJECT ID 447877-1-52-01

POLK COUNTY (16140)

STATE ROAD NO. SR 544
SAFETY IMPROVEMENTS ON SR 544 FROM 5TH ST. W.
TO 1ST ST. N.

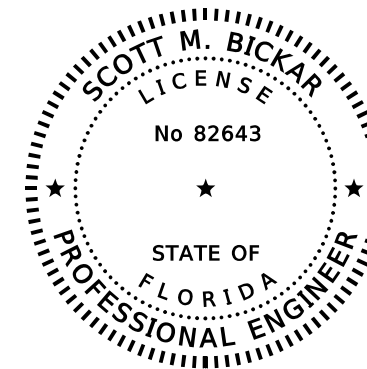
SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

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T-3	GENERAL NOTES
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THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:



ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

DEWBERRY ENGINEERS, INC.
800 NORTH MAGNOLIA AVE., SUITE 1000
ORLANDO, FL 32803
SCOTT. M. BICKAR, P.E. NO. 82643

SIGNALIZATION PLANS
ENGINEER OF RECORD:

SCOTT M. BICKAR, P.E.
P.E. LICENSE NUMBER 82643
DEWBERRY ENGINEERS, INC.
800 NORTH MAGNOLIA AVE., SUITE 1000
ORLANDO, FL 32803
CONTRACT NO.: E1U96
VENDOR NO.: F130746510001

FDOT PROJECT MANAGERS:

KIRBY RADFORD
JOSEPH LAUK, P.E.
TRACY PADULA

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
E1U96	23	T-1

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														GRAND TOTAL	
			T-4															
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS																

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SCOTT M. BICKAR LICENSE NUMBER: 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-2
							SR 544	POLK COUNTY	44787715201		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL:

1. LOOP HOME RUNS ARE TO BE IN CONDUIT. LOOP LEAD-IN WIRE SHALL NOT EXCEED 75' TO PULL BOX. INDUCTANCE LOOPS SHALL HAVE AT LEAST 3 TURNS OF WIRE TO BETTER APPLY SENSITIVITY.
2. USE STANDARD SIZE 6' X 40' TYPE 'F' FOR ALL LONG LOOPS
3. PROVIDE LONG LOOPS/DETECTION ZONES FOR ALL SIDE-STREET APPROACH LANES AND MAINLINE LEFT-TURN LANES.
4. FOR SIDE STREET AND MAIN STREET LEFT TURN MOVEMENTS, PLACE LOOP 2' IN ADVANCE OF THE STOP BAR.
5. SEND POLK COUNTY A COPY OF "AS BUILT" PLANS WHEN CONSTRUCTION IS COMPLETE.
6. ALL OTHER ASPECTS OF CONSTRUCTION SHALL ADHERE TO FDOT SPECIFICATIONS.

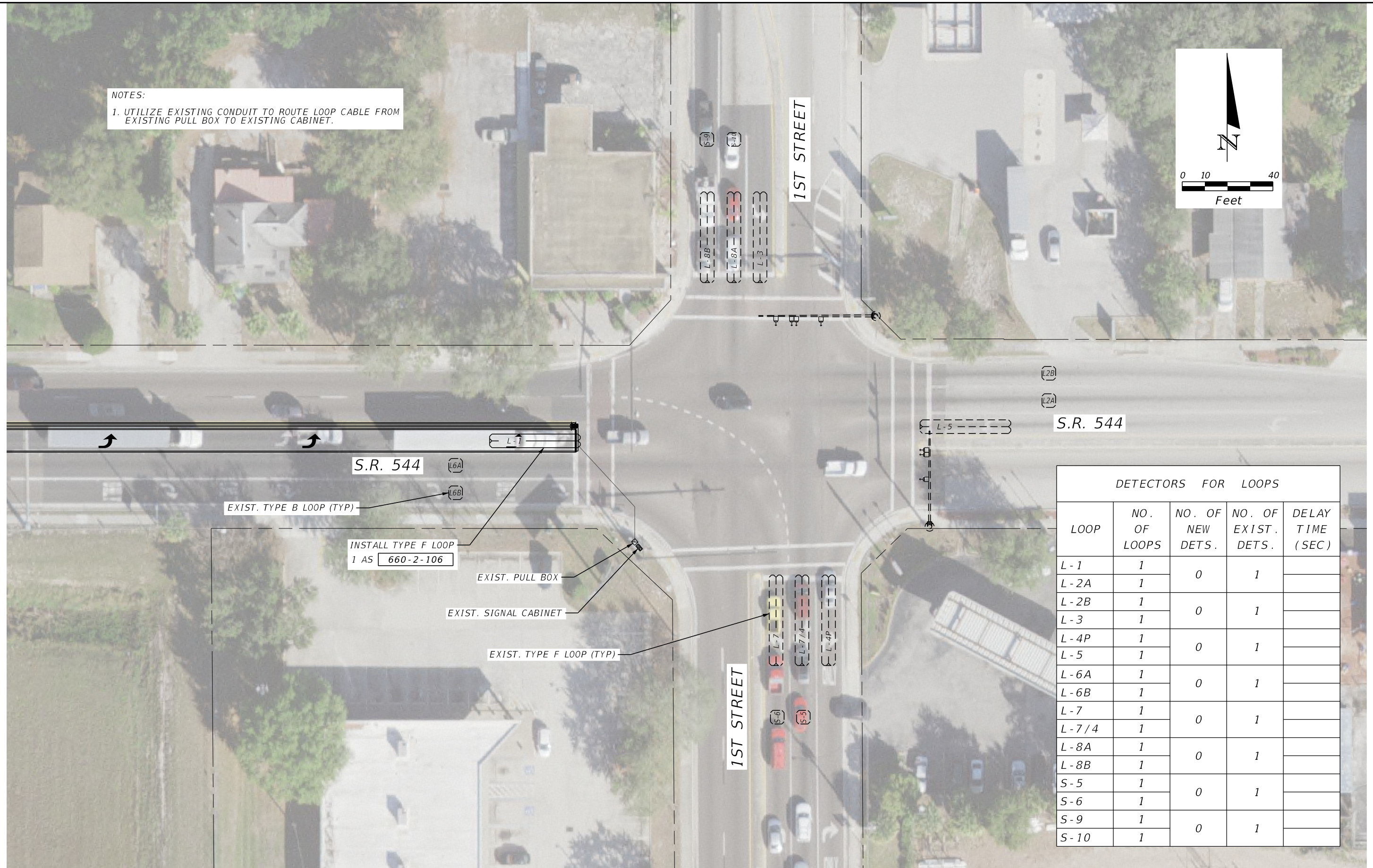
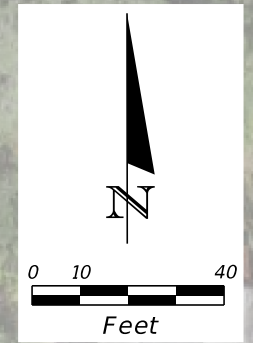
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>GENERAL NOTES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SCOTT M. BICKAR LICENSE NUMBER: 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-3
								SR 544		POLK COUNTY

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NOTES:

1. UTILIZE EXISTING CONDUIT TO ROUTE LOOP CABLE FROM EXISTING PULL BOX TO EXISTING CABINET.



DETECTORS FOR LOOPS				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	NO. OF EXIST. DETS.	DELAY TIME (SEC)
L-1	1	0	1	
L-2A	1	0	1	
L-2B	1	0	1	
L-3	1	0	1	
L-4P	1	0	1	
L-5	1	0	1	
L-6A	1	0	1	
L-6B	1	0	1	
L-7	1	0	1	
L-7/4	1	0	1	
L-8A	1	0	1	
L-8B	1	0	1	
S-5	1	0	1	
S-6	1	0	1	
S-9	1	0	1	
S-10	1	0	1	

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
				SCOTT M. BICKAR LICENSE NUMBER: 82643 DEWBERRY ENGINEERS INC. 800 NORTH MAGNOLIA AVENUE SUITE 1000 ORLANDO, FL 32803	SR 544	POLK COUNTY	44787715201		T-4		

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