CONTRACT PLANS COMPONENTS

ROADWAY PLANS SIGNING AND PAVEMENT MARKING PLANS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 449120-1-52-01

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4	PROJECT LAYOUT
5-6	PROJECT CONTROL
7	GENERAL NOTES
8-15	ROADWAY PLANS
16-18	TEMPORARY TRAFFIC CONTROL PLANS

MANATEE COUNTY (13130)

STATE ROAD NO. 55

SR 55 (US 19) FROM TERRA CEIA RD TO I-275 (NORTHBOUND RAMP)

PROJECT LOCATION URL: https://tinyurl.com/4n8fp4rt

PROJECT LIMITS:

BEGIN MP 8.474 - END MP 9.194

EXCEPTIONS:

NONE

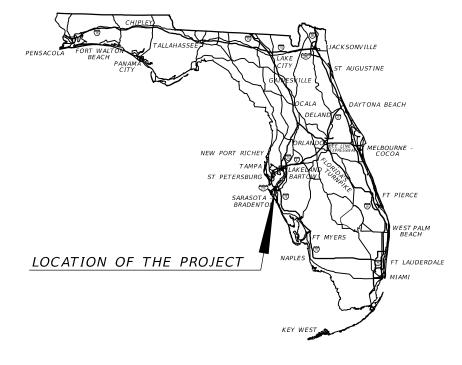
BRIDGE LIMITS:

NONE

RAILROAD CROSSING:

NONE

THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID(S): 447379-1-52-01, 449120-1-52-01, 444807-2-52-01, 444807-5-52-01, 454032-1-52-01, AND 454033-1-52-01



ROADWAY PLANS ENGINEER OF RECORD:

TREVOR J. HAWKINS, P.E.
P.E. LICENSE NUMBER 73047
PATEL, GREENE & ASSOCIATES, LLC
12570 TELECOM DRIVE
TEMPLE TERRACE, FL 33637
(813) 978-3100
CONTRACT NO.: CAK18
VENDOR NO.: F452209743-001

FDOT PROJECT MANAGER:

SCOTT MCCALL

CONSTRUCTION	FISCAL	SHEET
CONTRACT NO.	YEAR	NO.
TBD	25	1

GOVERNING STANDARD PLANS:

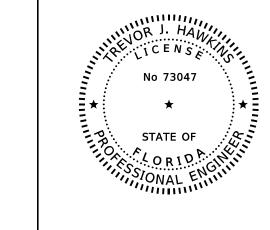
Florida Department of Transportation, FY 2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, 2024-25 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks



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.

PATEL, GREENE AND ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637 TREVOR J. HAWKINS, P.E. NO. 73047

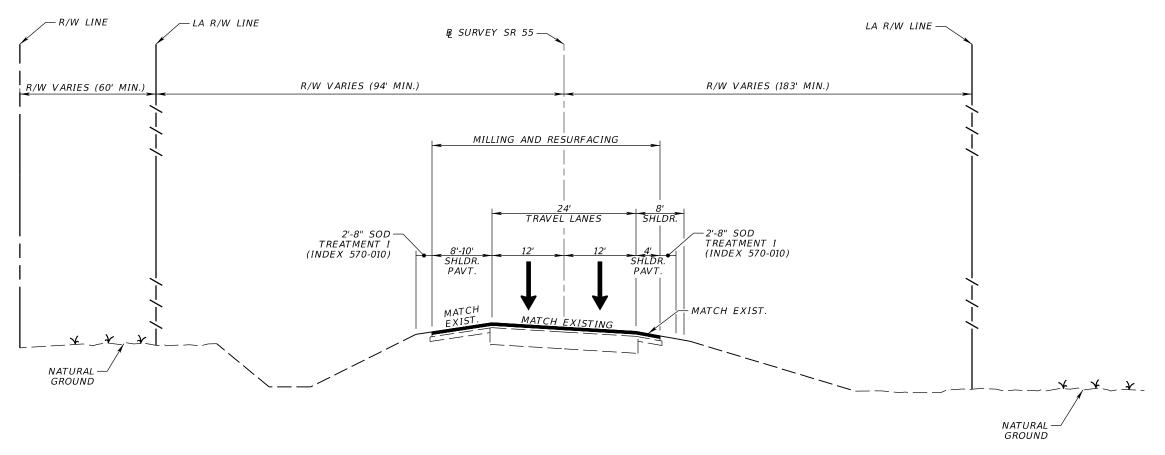
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4	PROJECT LAYOUT
5-6	PROJECT CONTROL
7	GENERAL NOTES
8-15	ROADWAY PLANS
16-18	TEMPORARY TRAFFIC CONTROL PLANS

	REVIS	SIONS		ENGINEER OF RECORD		STATE OF FLORIDA		
DATE	DESCRIPTION	DATE	DESCRIPTION	TREVOR J. HAWKINS, P.E.	DEPA	DEPARTMENT OF TRANSPORTATION		
				LICENSE NUMBER: 73047 PATEL, GREENE & ASSOCIATES, LLC	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	SR 55	MANATEE	449120-1-52-01	
				•			•	

SIGNATURE SHEET

SHEET NO.



TYPICAL SECTION SR 55 (US 19) STA. 67+26.28 TO STA. 104+86.63

MAINLINE MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3 3/4")

MAINLINE RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") AND FRICTION COURSE FC- 5 (PG 76-22) (3/4")

SHOULDER MILLING

MILL EXISTING ASPHALT PAVEMENT (1 1/2")

SHOULDER RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 11,200 ESTIMATED OPENING YEAR = 2025AADT = 11,600 ESTIMATED DESIGN YEAR = 2045 AADT = 15,600 K = 9.0% D = 99.9% T = 7.9% (24 HOUR) DESIGN HOUR T = 3.95% DESIGN SPEED = 60 MPH CONTEXT CLASSIFICATION = N/A LIMITED ACCESS

3/8/2024 9:33:48 AM USER: Saray.Puello

REVISIONS

ENGINEER OF RECORD

STATE OF FLORIDA

DATE

DESCRIPTION

TREVOR J. HAWKINS, P.E.
LICENSE NUMBER: 73047
PATEL, GREENE & ASSOCIATES, LLC
12570 TELECOM DRIVE
TEMPLE TERRACE, FL 33637

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

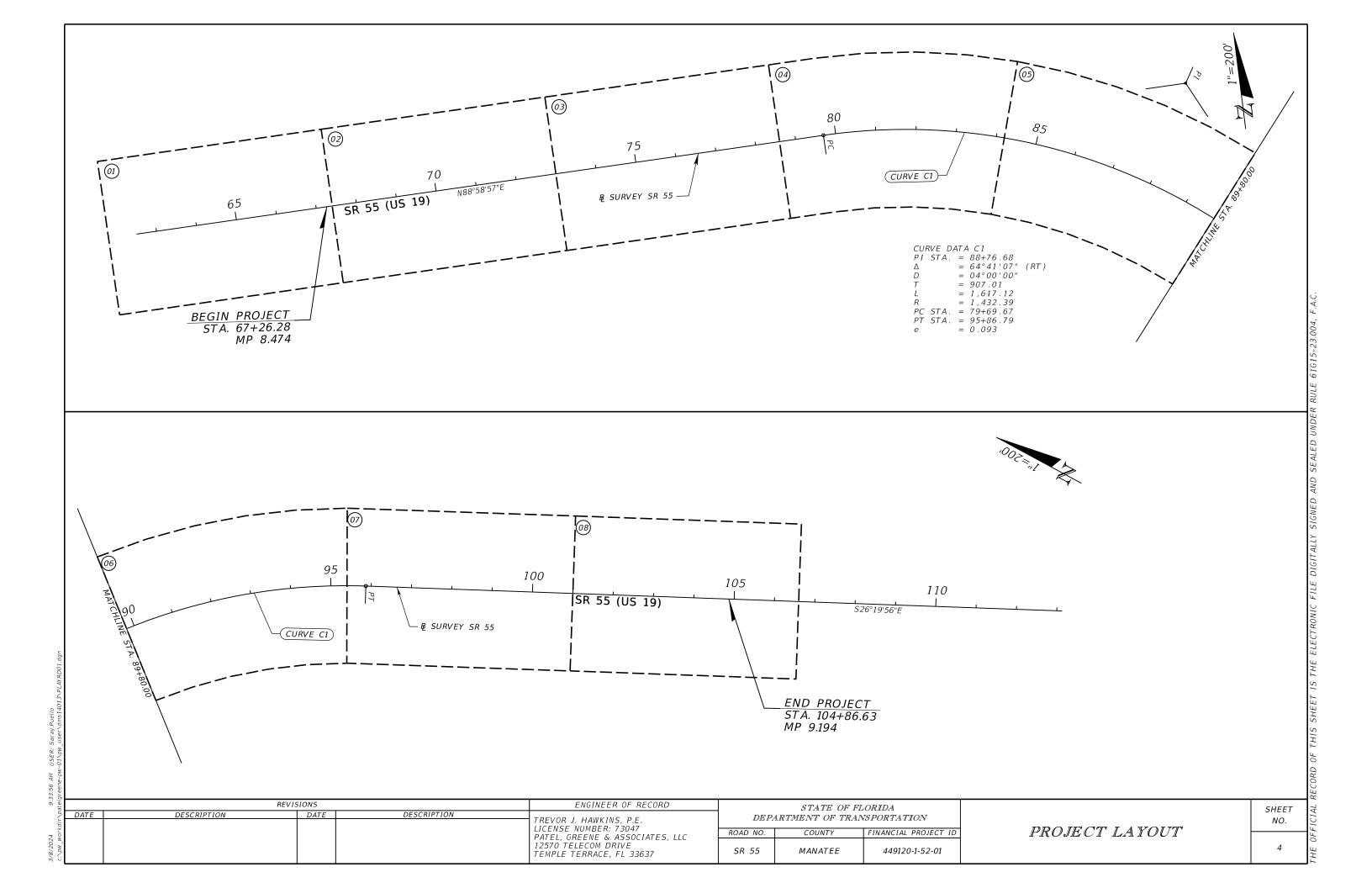
ROAD NO. COUNTY FINANCIAL PROJECT ID

SR 55 MANATEE 449120-1-52-01

TYPICAL SECTION

SHEET NO.

3



PROJECT NETWORK CONTROL

PROJECT CONTROL NOTES

- 1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983 / 2011 HORIZONTAL DATUM WEST ZONE.
- 2. ELEVATION ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

	SHEET INDEX
SHEET No.	DESCRIPTION
CTL 1	PROJECT CONTROL NOTES, LEGEND AND VERTICAL PRIMARY CONTROL
CTL 2	REFERENCE POINT SKETCHES AND CENTERLINE CONTROL POINT DATA

LEGEND

BM. = BENCHMARK

FDOT. = FLORIDA DEPARTMENT OF TRANSPORTATION

1181700

465745

2.789'

ID. = IDENTIFICATION

LT. = LEFTRT. = RIGHT

S.R. = STATE ROAD

CONTROL POINT	NORTHING	EASTING	ELEVATION	BASELINE STATION	OFFSET	ALIGNMENT	DESCRIPTION
A 330 RESET	1179597	469338	4.285'	112+61	42.4'	RT	POURED IN PLACE MONUMENT WITH DISK STAMPED A 330 RESET 1982
BM 119	1180108	468926	4.449'	106+20	185.3'	RT	4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 119
BM 113	1180483	469062	1.987'	103+44	103.5'	LT	4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 113
BM 114	1180770	468843	3.986'	99+90	34.6'	LT	FOUND FDOT DISK IN HEADWALL STAMPED BM 114
BM 115	1181556	468389	2.574'	90+96	63.0'	LT	4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 115
BM 116	1181949	467558	4.188'	81+97	50.2'	LT	4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 116
BM 117	1181951	466656	2.442'	73+02	50.2'	LT	4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 117
BM 118	1181975	465757	1.571'	64+04	90.1'	LT	4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 118

VERTICAL PRIMARY CONTROL

										~		
	REV	'ISIONS		ENGINEER ON RECORD	STATE OF FLORIDA					. 7		
DATE	DESCRIPTION	DATE	DESCRIPTION	TREVOR J. HAWKINS, P.E. DEPARTMENT OF TRANSPORTATION							SHEET NO.	1C14
				LICENSE NUMBER: 73047 PATEL, GREENE & ASSOCIATES, LLC	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PROJECT CONTROL	<u> </u>			
				12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	SR 55	MANATEE	449120-1-52-01		5	THE 0		

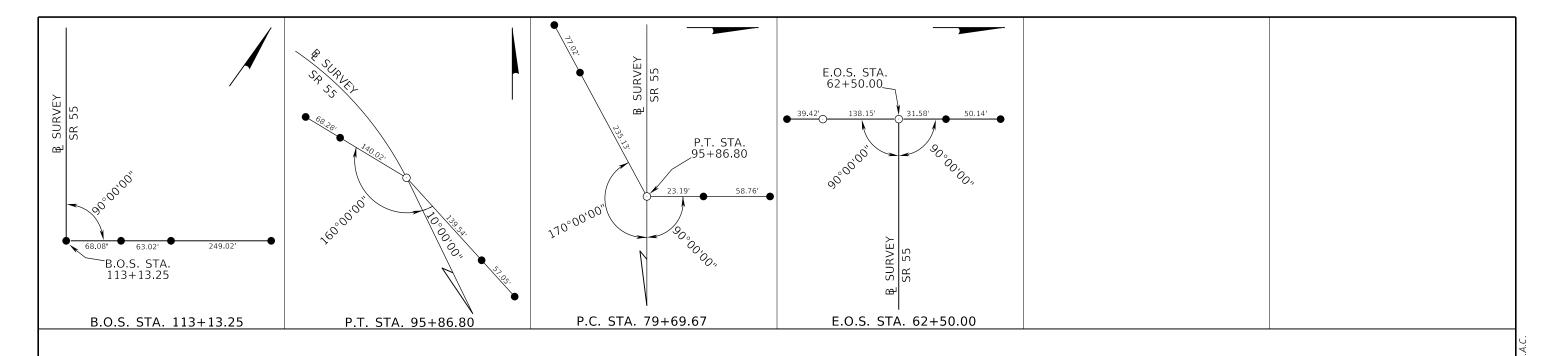
RT

BM 123

185.0'

63+86

4"X4" CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM 123



₽ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
B.O.S. STA. 113+13.25	1179568.749	469399.452	0.99998116
P.T. STA. 95+86.80	1181116.058	468633.636	099998149
P.C. STA. 79+69.67	1181912.849	467324.437	0.99998206
E.O.S. STA. 62+50.00	1181882.311	465605.040	0.99998280

LEGEND

B. = BASELINE

B.O.S. = BEGINING OF SURVEY

E.O.S. = END OF SURVEY

LB. = LICENSED BUSINESS

P.C. = POINT OF CURVEATURE

P.I. = POINT OF INTERSECTION

P.T. = POINT OF TANGENCY

S.R. = STATE ROAD

STA. = STATION

○ = SET NAIL & BRASS DISK STAMPED "AIM ENG LB 3114"

• = SET 5/8" IRON ROD & PINK CAP STAMPED " LB 3114 REFERENCE"

PROJECT CONTROL NOTES

- 1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983 / 2011 HORIZONTAL DATUM WEST ZONE.
- 2. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

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	REV		ENGINEER OF RECORD	STATE OF FLORIDA																		
DATE	DESCRIPTION	DATE	DESCRIPTION	TREVOR J. HAWKINS, P.E.		REVOR J. HAWKINS, P.E. DEPARTMENT OF			ARTMENT OF TRANSPORTATION		SHEET NO.	1121										
				LICENSE NUMBER: 73047 PATEL, GREENE & ASSOCIATES, LLC	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	$PROJECT\ CONTROL$		4												
																12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	SR 55	MANATEE	449120-1-52-01		6	THE
USER: Sara	ay.Puello		3/8	8/2024 9:34:10 AM Default		pw:/	//patelgreene-pw.bentley.com	:patelgreene-pw-01/Documents/Design/FDOT-D1/Projects/44912015201/Survey/	CTLSRD02.dg	ก												

GENERAL NOTES

- 1. ROLLERS TO BE RUN IN THE STATIC MODE ONLY. VIBRATOR COMPACTION SHALL NOT BE USED.
- 2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF BECORD IS:

HENRY G. FICHTER, P.S.M. LICENSE NUMBER 7453 AIM ENGINEERING & SURVEYING 2161 FOWLER STREET, SUITE 100 FORT MYERS, FLORIDA 33901

- 3. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, Vh AND Vvh)
 ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY,
 THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE
 POINTS HAVE NOT BEEN VERIFIED.
- 4. UTILITY/AGENCY OWNERS: COMPANY CONTACT TELEPHONE NUMBERS

FLORIDA POWER AND LIGHT (DISTRIBUTION)
RAY VARGAS (561) 927-4262
FDOT RAY VARGAS (561) 615-8632

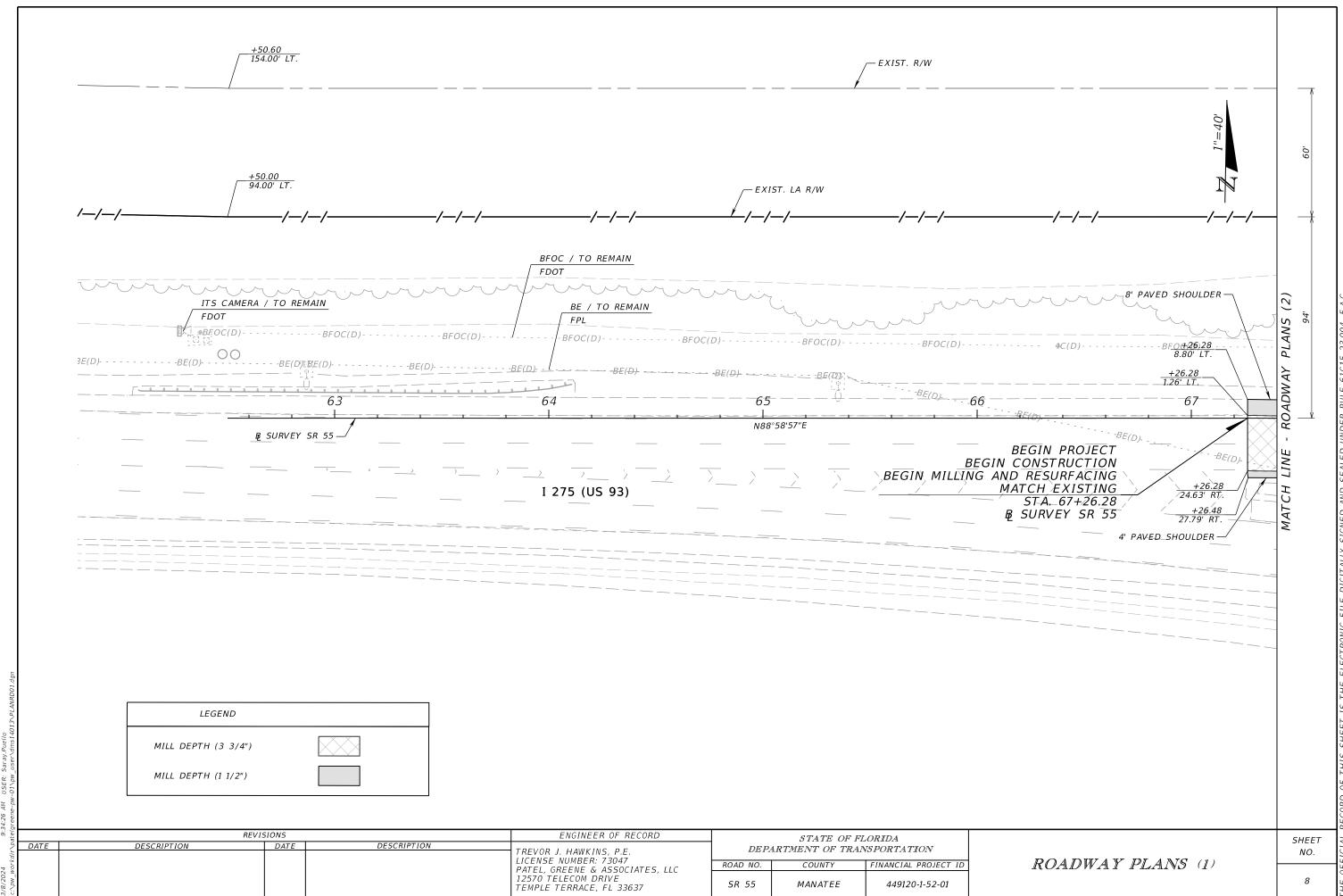
- 5. DURING MILLING OPERATIONS, SOME BASE EXPOSURE MAY OCCUR AT CERTAIN LOCATIONS.
 PROTECTION OF THE BASE DURING MAINTENANCE OF TRAFFIC PHASING WILL BE REQUIRED.
- 6. THIS PROJECT IS IN THE VICINITY OF AN ARCHAEOLOGICAL SITE (8MA00227). SHOULD INADVERTENT DISCOVERY OF CULTURAL RESOURCES, HUMAN REMAINS, AND/OR RELATED ITEMS OCCUR, CEASE WORK AND CONTACT THE CONSTRUCTION PROJECT ADMINISTRATOR, DISTRICT CONSTRUCTION ENVIRONMENTAL LIAISON, AND ENVIRONMENTAL MANAGEMENT OFFICE IMMEDIATELY.

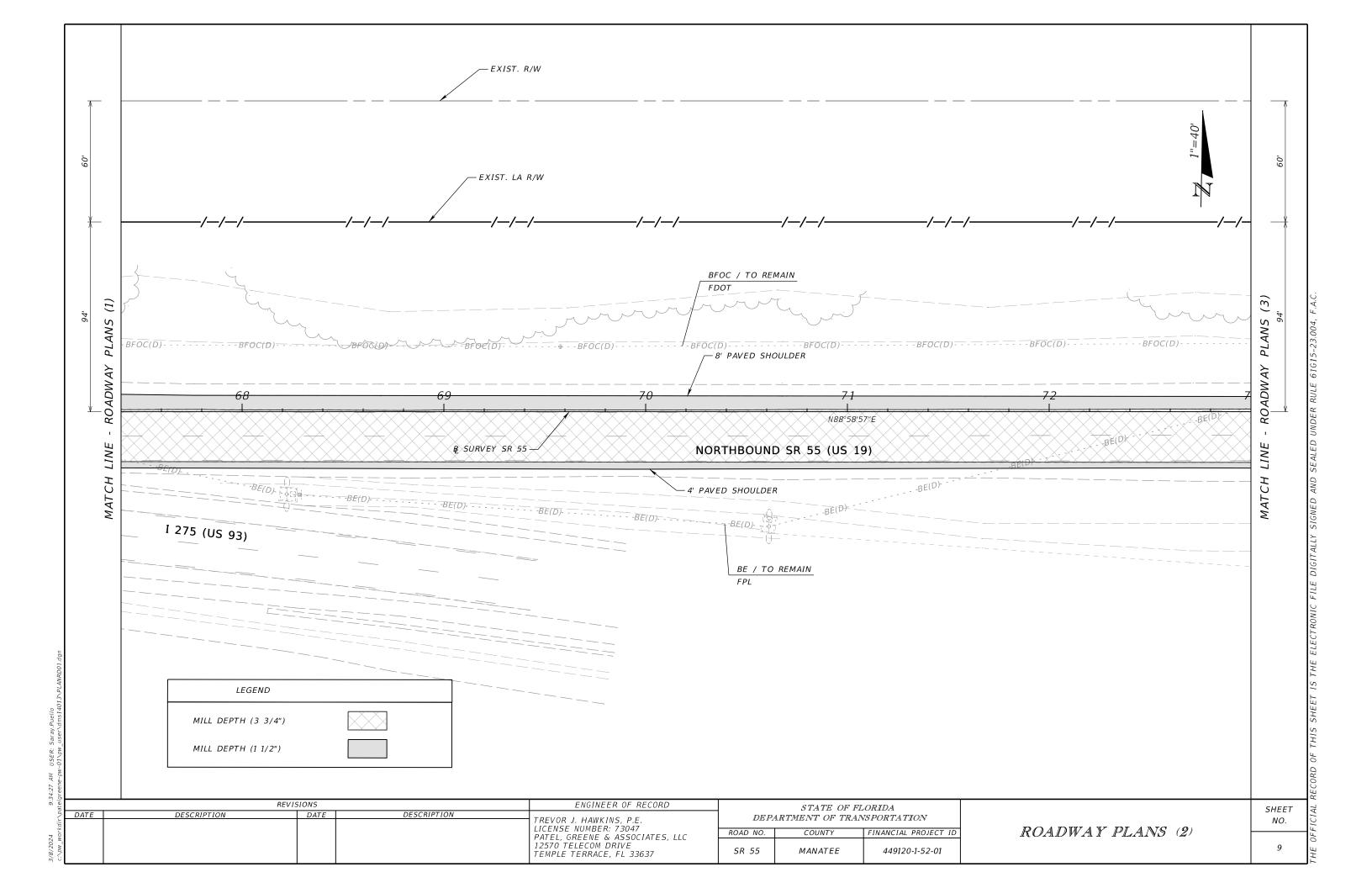
PHASE IIR NOTES TO REVIEWERS

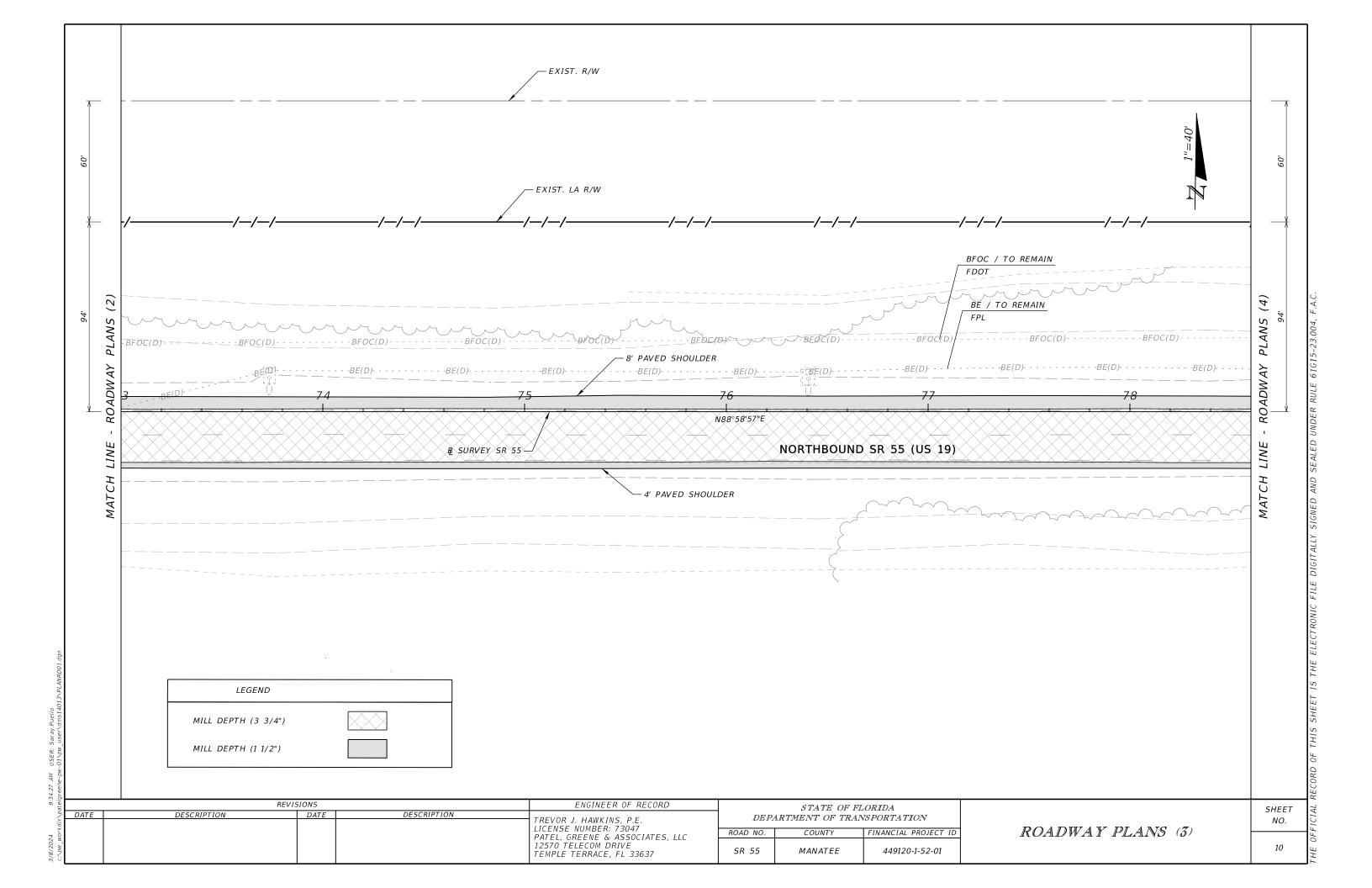
- 1. THIS PROJECT IS NOW CONSIDERED A PAVEMENT ONLY PROJECT. THEREFORE, NO DESIGN EXCEPTIONS OR VARIATIONS WILL BE PROCESSED.
- 2. GEOTECHNICAL INVESTIGATION IS ONGOING.
- 3. SOIL SURVEY SHEET IS PENDING

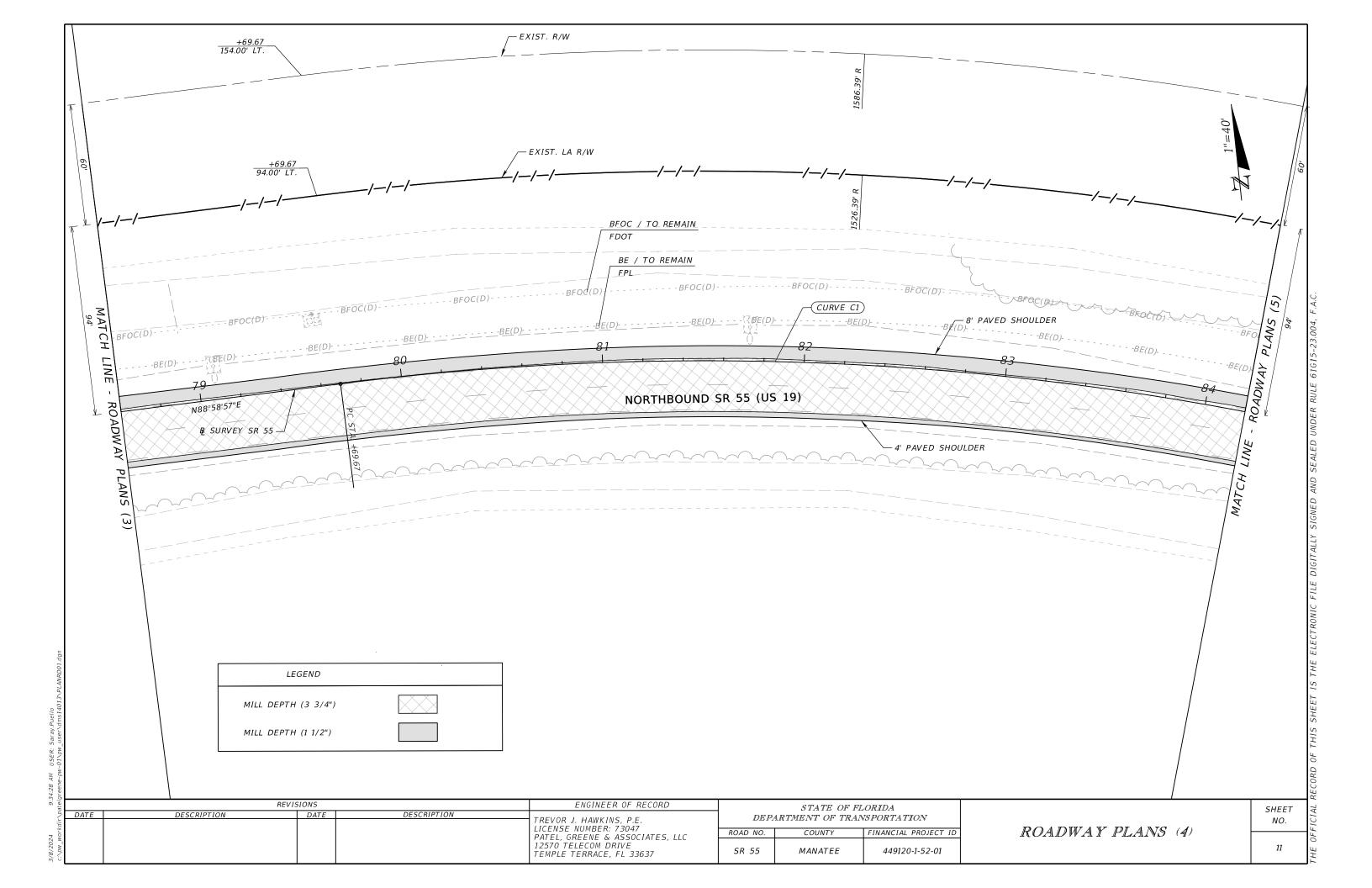
1								
	REV	SIONS		ENGINEER OF RECORD		STATE OF FLORIDA		
DATE	DESCRIPTION	TREVOR J. HAWKINS, P.E.	DEPARTMENT OF TRANSPORTATION					
				LICENSE NUMBER: 73047 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 55	MANATEE	449120-1-52-01	

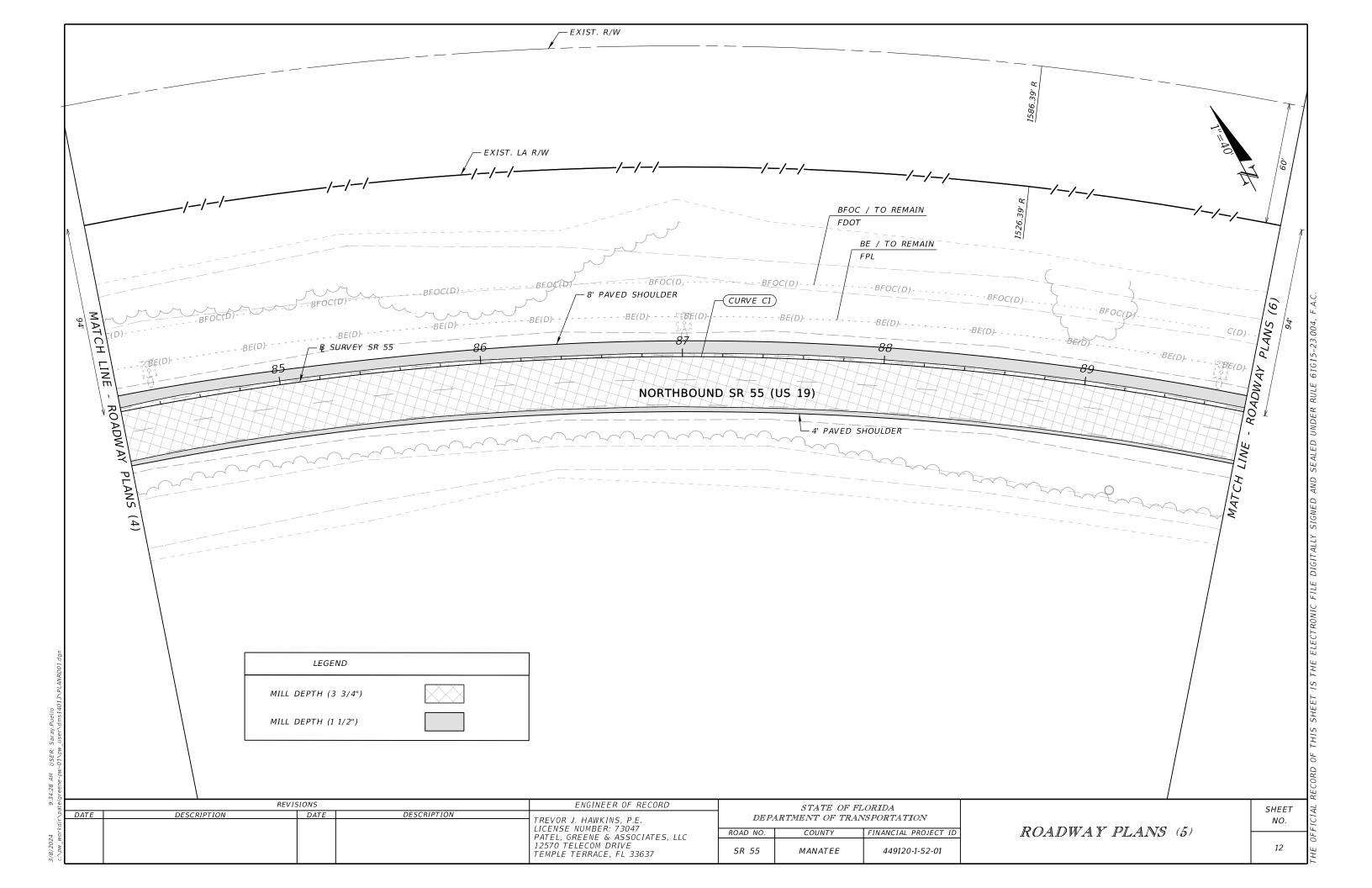
SHEET

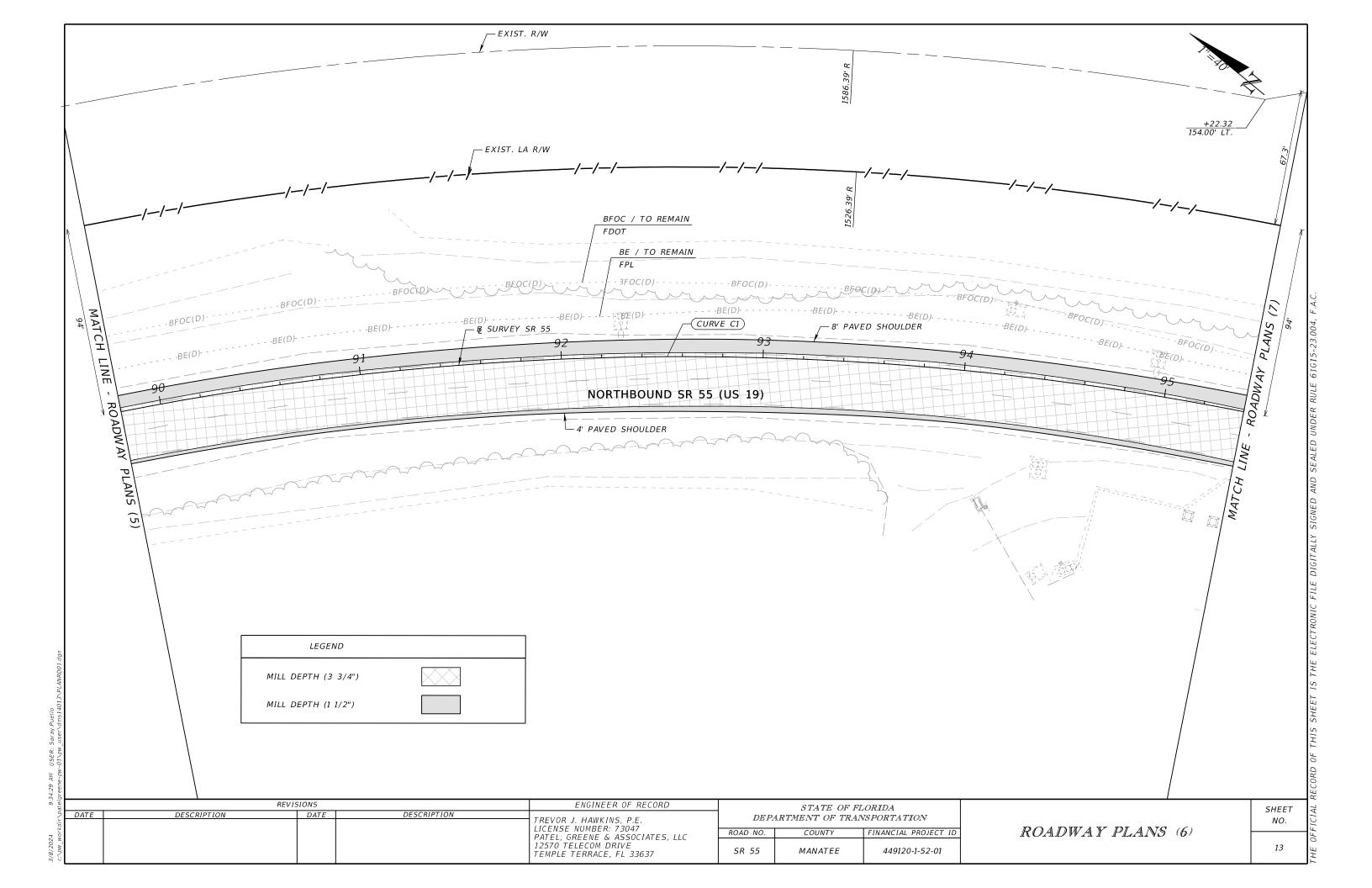


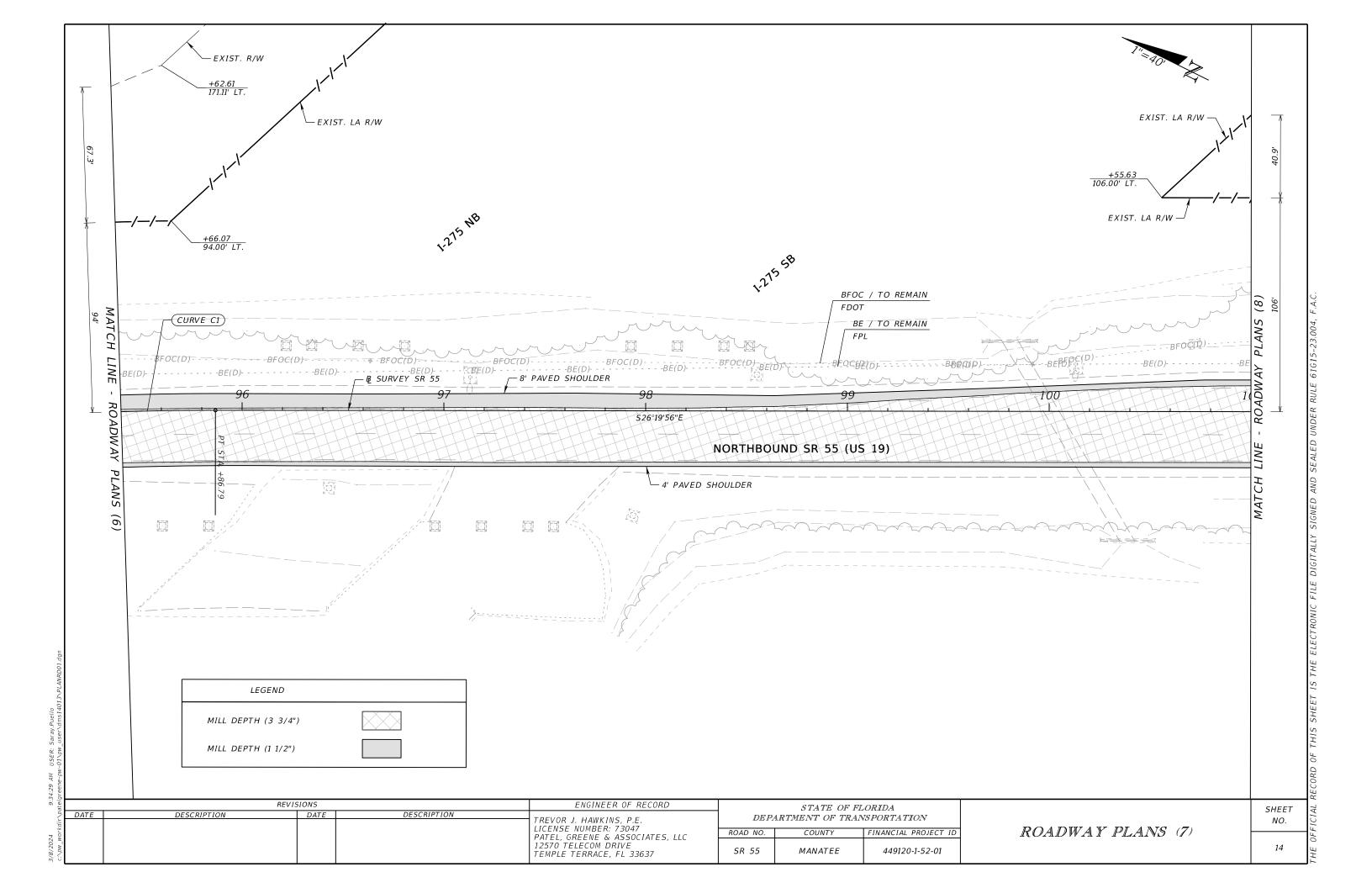


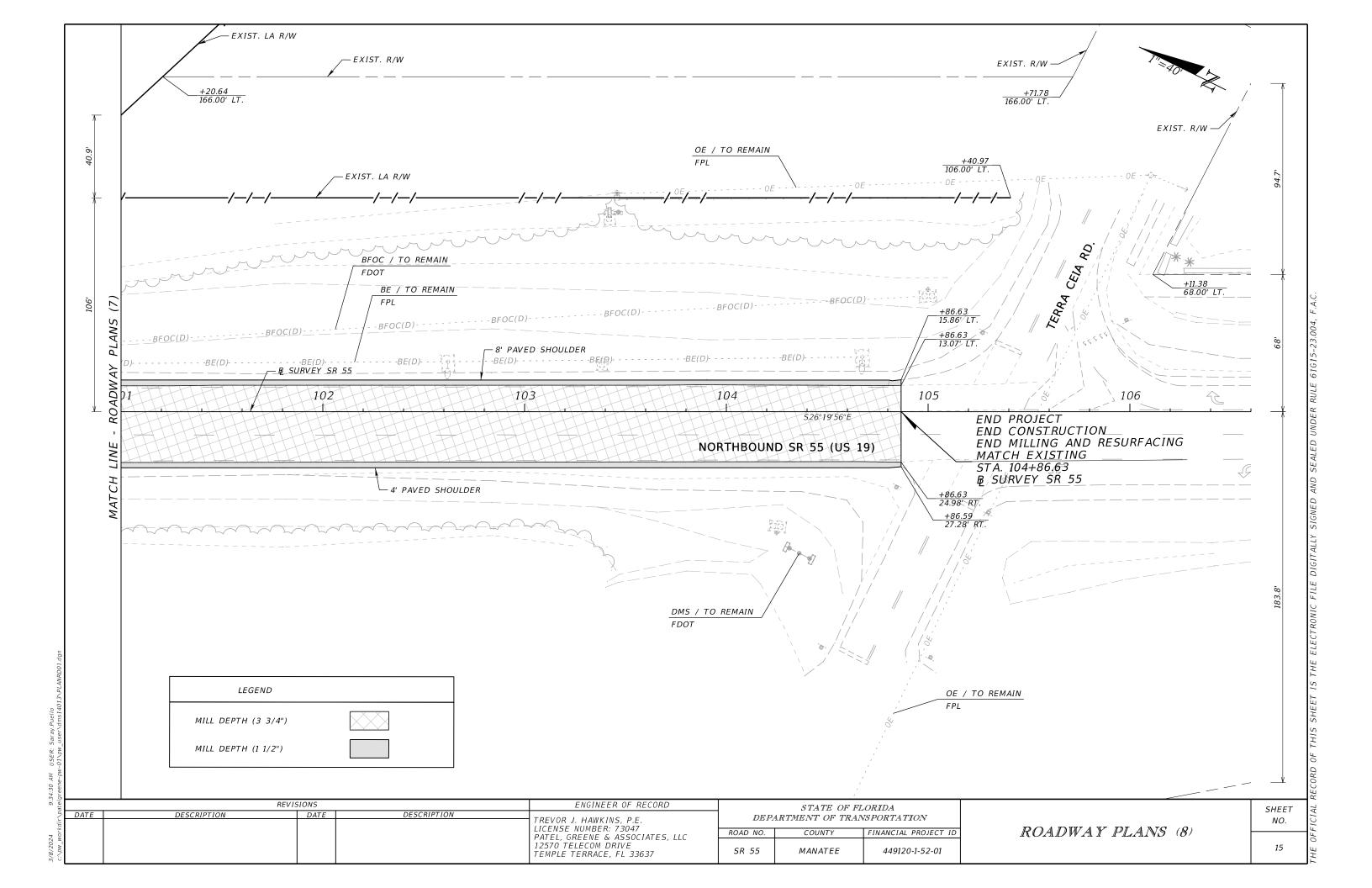












TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES:

- 1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD PLANS INDEX 102-600, 102-613 AND 102-615.
- 2. THE EXISTING POSTED SPEED OF 55 MPH SHALL BE REDUCED TO 50 MPH ON SR 55/19 THROUGH THE WORK ZONES DURING ALL PHASES OF CONSTRUCTION.
- 3. LANE CLOSURES ARE PERMITTED AS FOLLOWS:
 - SR 55/US19, ONE WAY NB, S OF I-275 SINGLE LANE CLOSURES: NO RESTRICTIONS

PHASING NOTES

PHASE I

- 1. INSTALL ADVANCE WARNING SIGNS PER THE ADVANCE WARNING DETAILS AND STANDARD PLANS 102-600, 102-613, AND 102-615 AS REQUIRED.
- 2. UTILIZING THE TEMPORARY TRAFFIC CONTROL TYPICAL SECTION FOR SR 55 (US 19), CLOSE THE INSIDE LANE AND INSIDE SHOULDER.
- 3. MILL AND RESURFACE INSIDE LANE AND PAVED SHOULDER (NO FRICTION COURSE).

PHASE II

- 1. INSTALL ADVANCE WARNING SIGNS PER THE ADVANCE WARNING DETAILS AND STANDARD PLANS 102-600, 102-613, AND 102-615 AS REQUIRED.
- 2. UTILIZING THE TEMPORARY TRAFFIC CONTROL TYPICAL SECTION FOR SR 55 (US 19), CLOSE THE OUTSIDE LANE AND OUTSIDE SHOULDER.
- 3. MILL AND RESURFACE OUTSIDE LANE AND OUTSIDE PAVED SHOULDER (NO FRICTION COURSE).

PHASE III

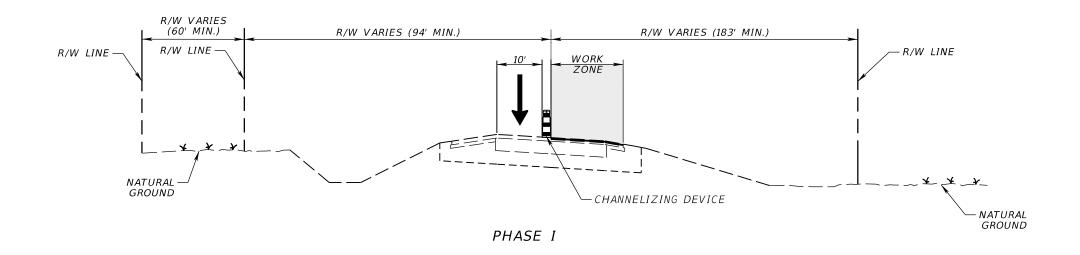
1. REPEAT PHASE I AND II TO PLACE FRICTION COURSE AND FINAL PAVEMENT MARKINGS. OPEN ALL LANES TO TRAFFIC IN FINAL CONFIGURATION.

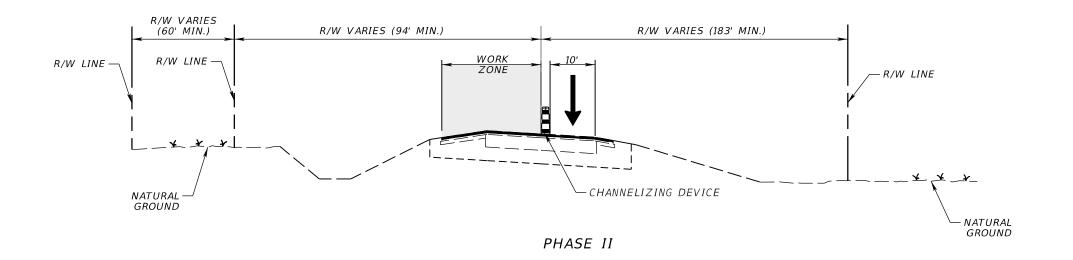
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3/2024	nw workdir

	REVI	SIONS		ENGINEER OF RECORD		CORIDA		
DATE	DATE DESCRIPTION DATE DESCRIPTION			TREVOR LILAWINING R.F.	DEPARTMENT OF TRANSPORTATION			
				TREVOR J. HAWKINS, P.E. LICENSE NUMBER: 73047	DASA IAACA PASA VA GA ARIAN VOR ORGINA A CIV			
				PATEL. GREENE & ASSOCIATES, LLC	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
1				PATEL, GREENE & ASSUCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	SR 55	MANATEE	449120-1-52-01	

TEMPORARY TRAFFIC CONTROL PLANS GENERAL/PHASING NOTES SHEET NO.

16





LEGEND

LANE IDENTIFICATION AND
DIRECTION OF TRAFFIC

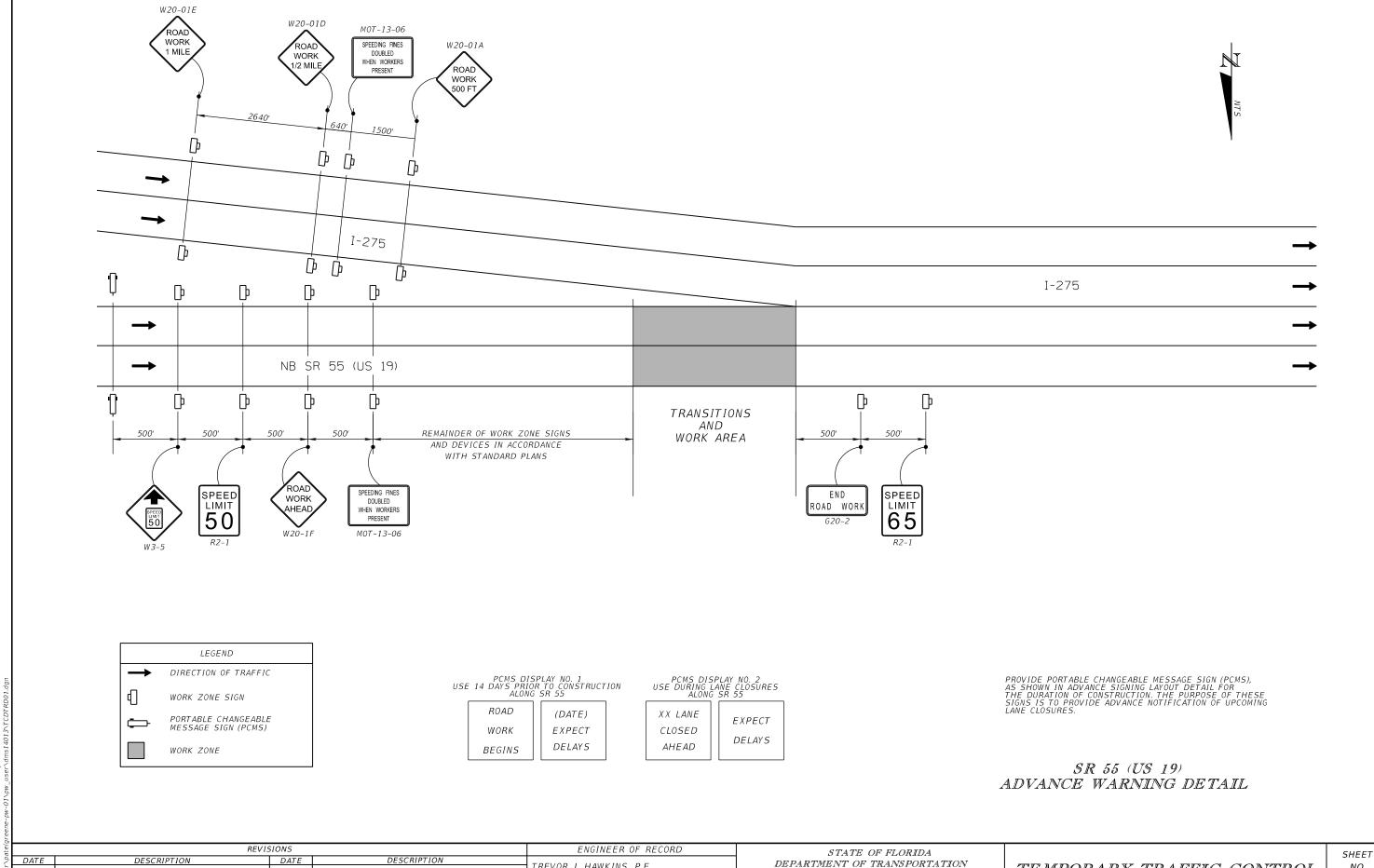
WORK ZONE

TYPICAL SECTION SR 55 (US 19) STA. 67+26.28 TO STA. 104+86.63

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			
DATE	DESCRIPTION	DATE	DESCRIPTION	TREVOR I HAWKING RE	DEPARTMENT OF TRANSPORTATION		SPORTATION	
				TREVOR J. HAWKINS, P.E.	DISTINCTIVISTAL OF THURSDO CHAINER TOTAL			
				LICENSE NUMBER: 73047 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 55	MANATEE	449120-1-52-01	

TEMPORARY TRAFFIC CONTROL PLANS SHEET NO.

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ROAD NO.

SR 55

COUNTY

MANATEE

FINANCIAL PROJECT ID

449120-1-52-01

TREVOR J. HAWKINS, P.E. LICENSE NUMBER: 73047

12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637

PATEL, GREENE & ASSOCIATES, LLC

TEMPORARY TRAFFIC CONTROL PLANS

18

NO.