

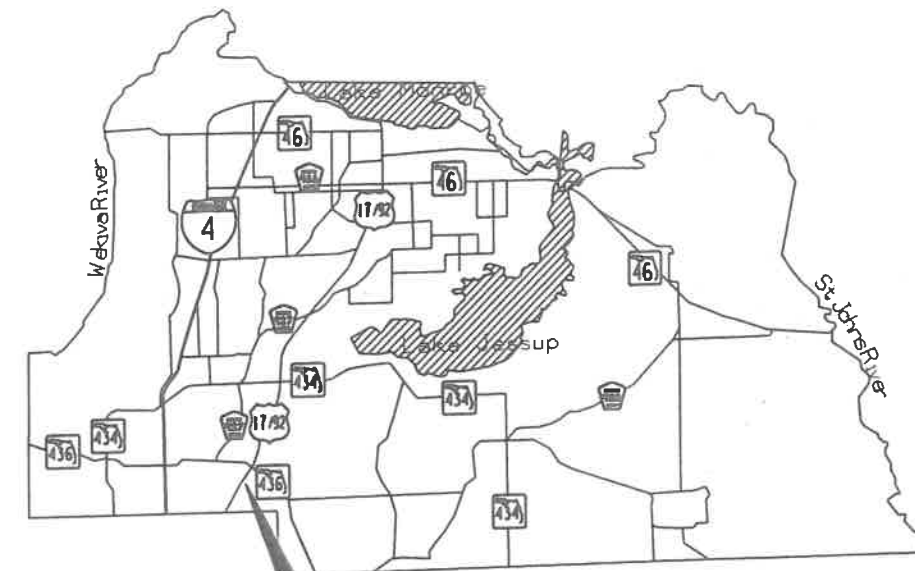
CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LANDSCAPE PLANS

SEMINOLE COUNTY, FLORIDA ENGINEERING DIVISION

CONTRACT PLANS

OXFORD ROAD IMPROVEMENTS FROM US 17/92 TO SEMORAN BLVD (SR436) COUNTY PROJECT NO. PS-8827-13/DRR CIP NO. 00015002 & 00015007 FDOT PROJECT NO. 439456-1-34-01



PROJECT LOCATION

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
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3-6	DRAINAGE MAP
7-11	TYPICAL SECTIONS
11A	TYPICAL SECTION DETAILS
12-13	SUMMARY OF QUANTITIES
14-18	SUMMARY OF DRAINAGE STRUCTURES
19-21	DRAINAGE STRUCTURE DATA
22-22A	GENERAL NOTES
23-29	ROADWAY PLAN AND PROFILES
30	INTERSECTION DETAIL
31-34	POND DETAILS
35-37A	DRAINAGE STRUCTURE DETAILS
38-46	POND CROSS SECTIONS
47-91	CROSS SECTIONS
92-98	EROSION CONTROL PLANS
99-118	TEMPORARY TRAFFIC CONTROL PLANS
119-125	UTILITY ADJUSTMENT PLANS
126	GENERAL NOTES STEEL SHEET PILE WALLS
127-129	WALL DATA TABLE STEEL SHEET PILE WALLS
130-132	WALL CONTROL STEEL SHEET PILE WALLS
133-136	SHEET PILE DET. STEEL SHEET PILE WALLS
137	JURISDICTIONAL WETLAND AND SURFACE WATER IMPACTS
CTL-1 - CTL-2	PROJECT CONTROL SHEETS
*GR-1 - GR-12	SOIL SURVEY SHEETS
*GR-13	SURCHARGE CONTROL DRAWING

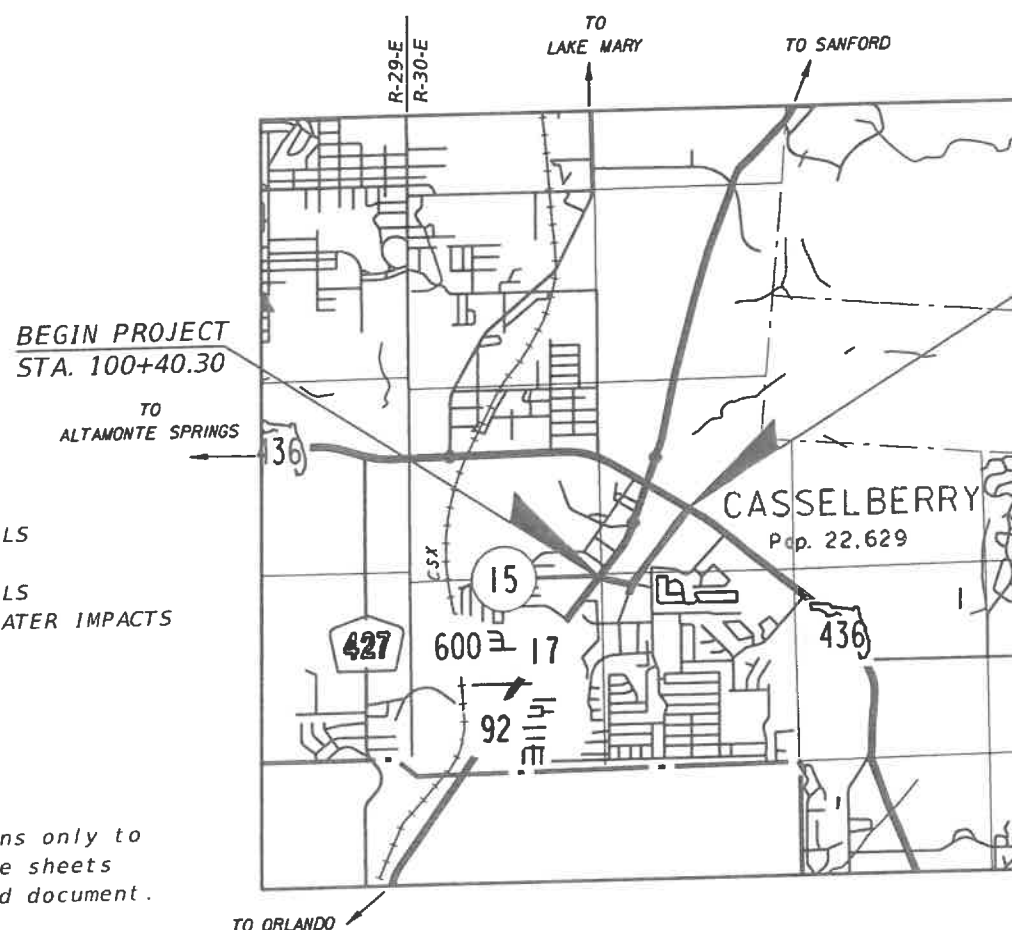
*These sheets are included in the Index of Roadway Plans only to indicate that they are part of the Roadway Plans. These sheets are contained in a separate digitally signed and sealed document.

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2023-24 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website:
<http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.dot.state.fl.us/programmanagement/Implemented/SpecBooks>



END PROJECT
STA. 318+54.22

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

C. BRIAN FULLER, P.E.
METRIC ENGINEERING, INC.
525 TECHNOLOGY PARK, SUITE 153
LAKE MARY, FL 32746

PLANS PREPARED BY:

METRIC ENGINEERING, INC.
525 TECHNOLOGY PARK, SUITE 153
LAKE MARY, FL 32746
TEL. (407) 644-1898
FAX. (407) 644-2376
CERTIFICATE OF AUTHORIZATION 2294
VENDOR NO. F-59-1685550

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

REVISIONS:

- △ FINANCIAL PROJECT ID 439456-1-34-01
Roadway Sheets 2, 7, 10, 11A, 23, 23A, 24,
25, 26, 28, 55, 76, 77, 94,
95, 121, 122
△ Roadway Sheets 2, 3, 6, 11A, 14, 15, 16, 17, 18 Signals Sheets T-1, T-2A, T-3, T-4, T-6,
23, 23A, 24, 25, 26, 27, 28, T-7, T-10, T-13, T-16
29, 34, 92, 93, 94, 95,
96, 97, 98

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	3,755.22	0.705
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	3,755.22	0.705
EXCEPTIONS		
GROSS LENGTH OF PROJECT	3,755.22	0.705

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: C. BRIAN FULLER, P.E.

P.E. NO. 49524

FISCAL YEAR	SHEET NO.
24	1

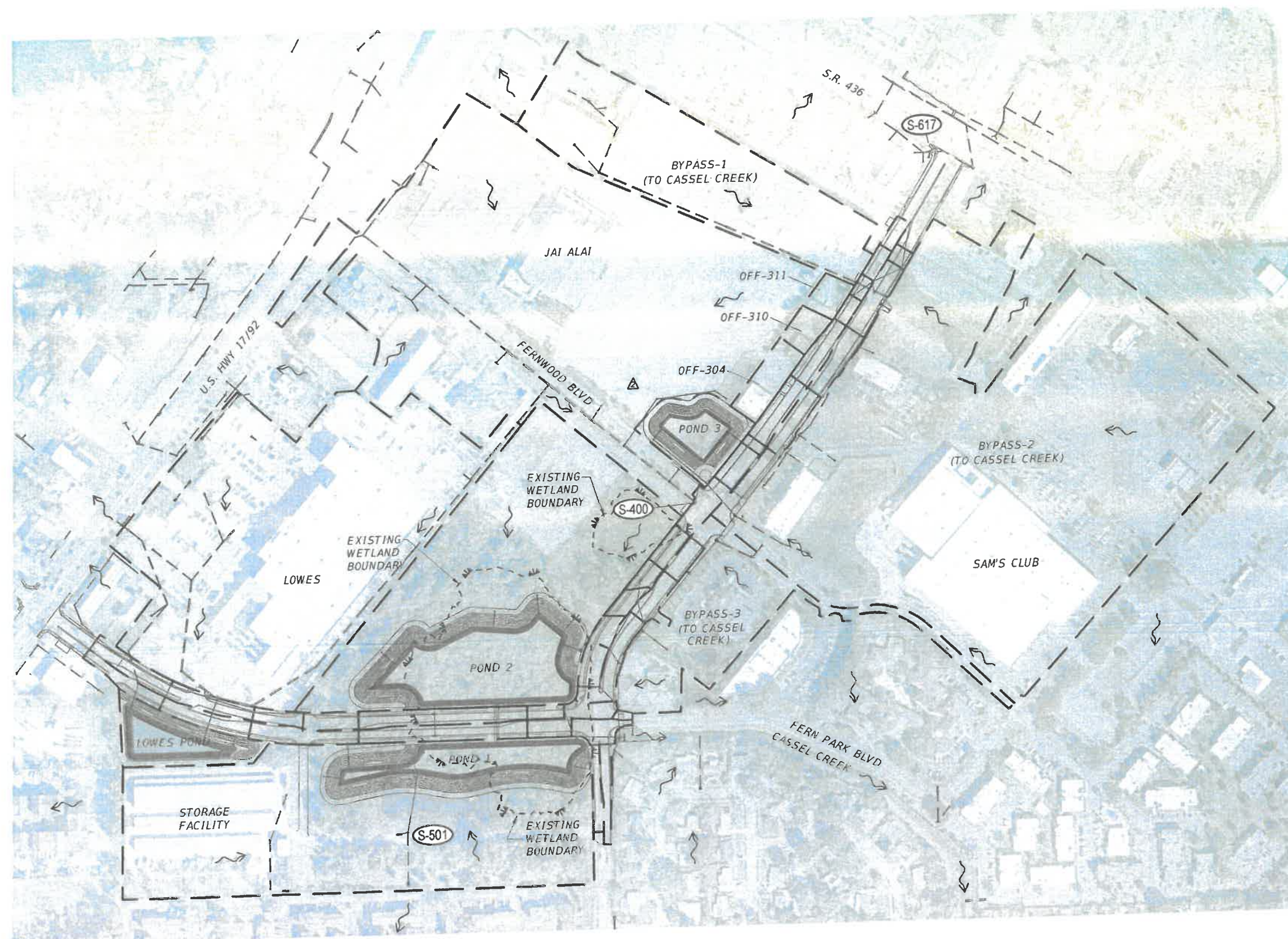
SEMINOLE COUNTY PROJECT MANAGER: ARTURO J. PEREZ, WSCE, P.E.

Anna Harden

5/10/2024

10:38:29 AM

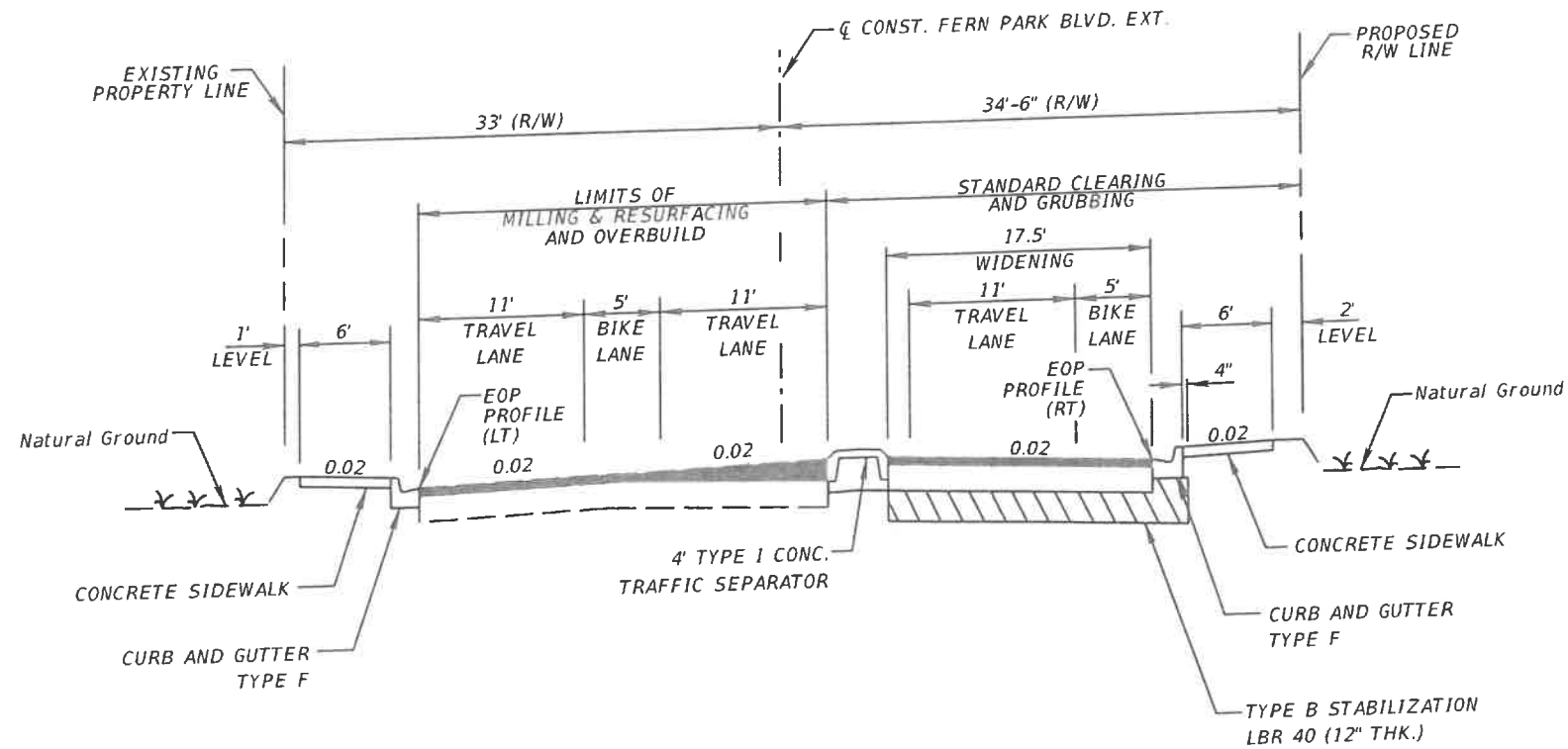
\\orladatahouse\o\Shares\ORLADATAHOUSE\DataShare2\DSGNHOME\PROJECT\New Oxford Road_Final



BYPASS SYSTEM	
DRAINAGE BASIN AREA (AC)	
BYPASS-1	- 5.60
BYPASS-2	- 24.55
BYPASS-3	- 3.40

LEGEND
 --- BASIN LIMITS

REVISIONS				PEGASUS ENGINEERING, LLC JOHAN A. RODRIGUEZ, P.E. # 66517 301 WEST STATE ROAD 434, SUITE 309 TEL. 407-992-9160 FAX. 407-358-5155 CERTIFICATE OF AUTHORIZATION 27770	SEMINOLE COUNTY ENGINEERING DIVISION		DRAINAGE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT ID		3
04/22/24	 UPDATED POND 3.				NEW OXFORD ROAD	PS-8827-13/DRR		



**TYPICAL SECTION
FERN PARK BLVD. EXTENSION
STA. 100+40.30 TO STA. 102+60.00**

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

OVERBUILD

TYPE SP OVERBUILD (TRAFFIC C)
THICKNESS VARIES (2 1/2" AVG. DEPTH)

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

NO EXISTING VOLUMES
ESTIMATED OPENING YEAR = 2019 AADT = 11,000
ESTIMATED DESIGN YEAR = 2029 AADT = 17,000
K = 9 % D = 59% T = 6 %
DESIGN SPEED = 30 MPH

△ US 17/92 & PRAIRIE LAKE RD

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

RESURFACING

FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

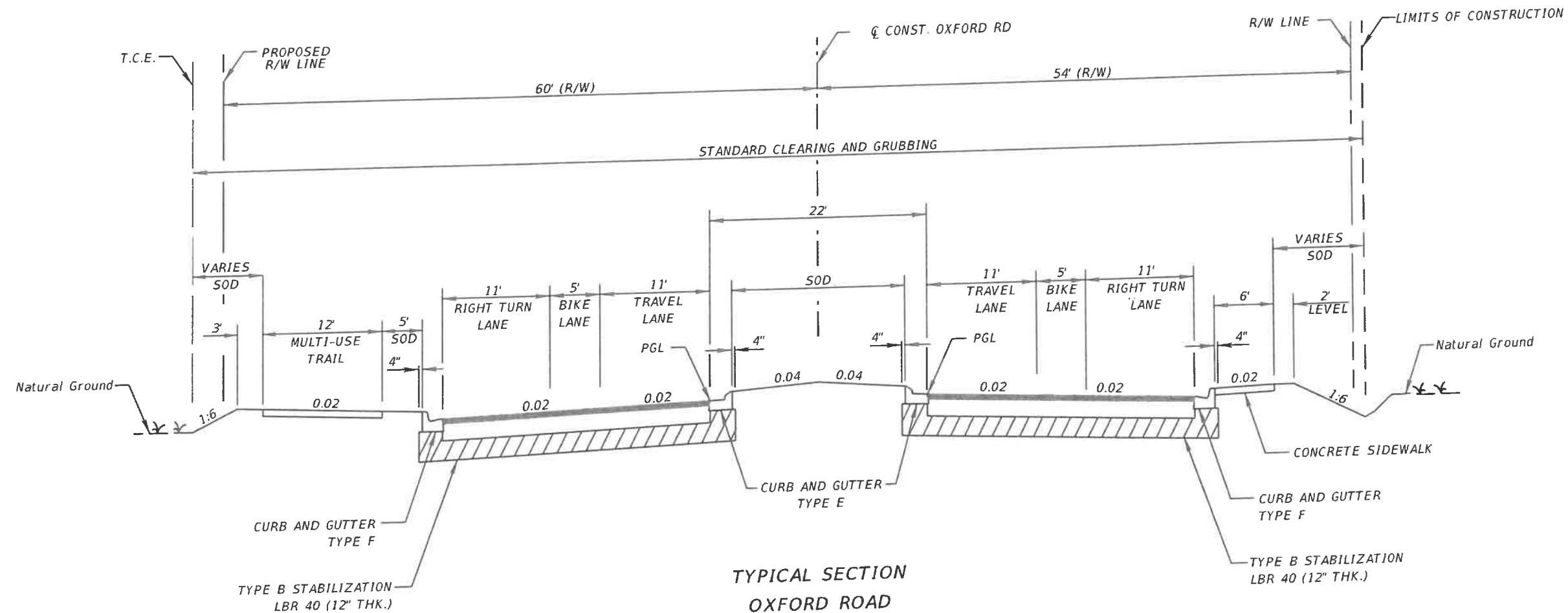
REVISIONS				METRIC ENGINEERING, INC. C. BRIAN FULLER, P.E. # 49524 525 TECHNOLOGY PARK SUITE 153 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	SEMINOLE COUNTY ENGINEERING DIVISION		TYPICAL SECTION	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT ID		
04/04/24	△ ADDED ADDITIONAL MILLING & RESURFACING INFO.				OXFORD ROAD	PS-8827-13/DRR		

Anna.Harden

4/4/2024

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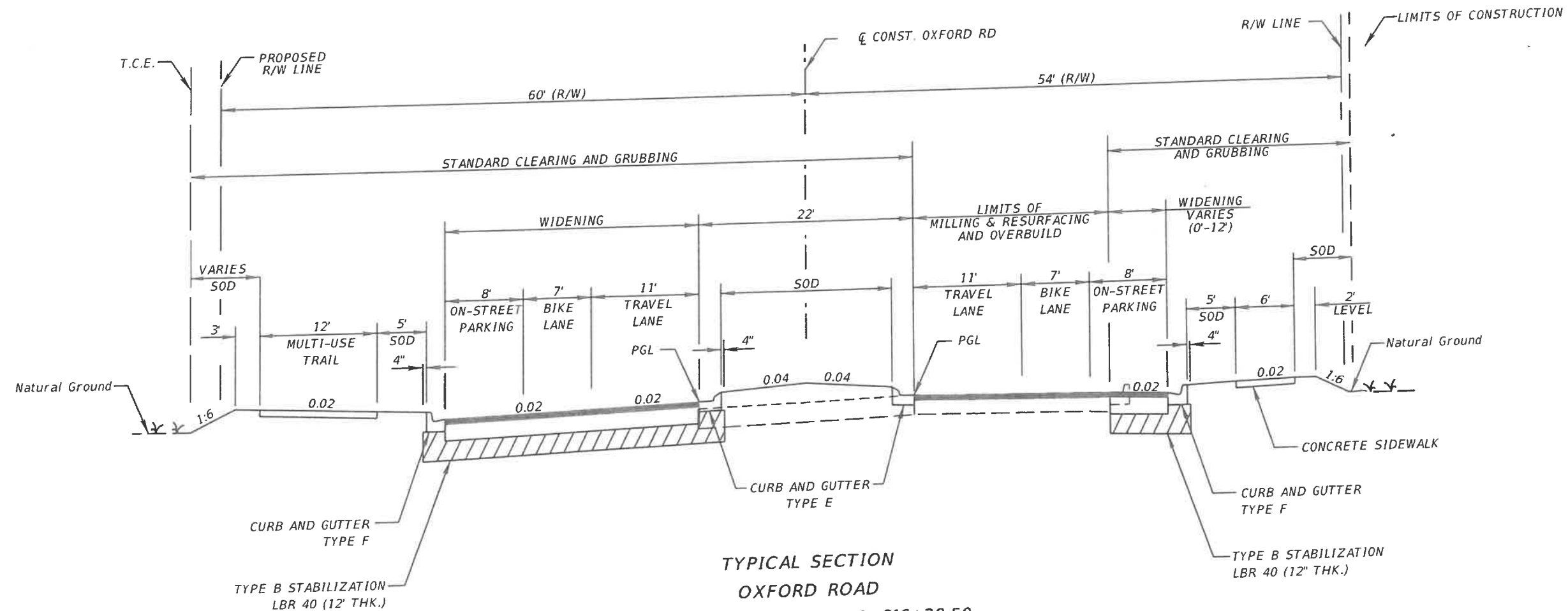
TYPICAL SECTION
OXFORD ROAD
STA. 297+51.62 TO STA. 303+71.77

NEW CONSTRUCTION
 OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
 AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2014 AADT = 10,800
 ESTIMATED OPENING YEAR = 2019 AADT = 13,000
 ESTIMATED DESIGN YEAR = 2029 AADT = 19,000
 K = 9 % D = 59% T = 6 %
 DESIGN SPEED = 30 MPH

REVISIONS				METRIC ENGINEERING, INC. C. BRIAN FULLER, P.E. # 49524 525 TECHNOLOGY PARK SUITE 153 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	SEMINOLE COUNTY ENGINEERING DIVISION		TYPICAL SECTION SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT ID	
					OXFORD ROAD	PS-8827-13/DRR	
				Anna.Harden	4/3/2024	5:43:54 PM	\\Oridatahouse\o\Shares\ORLDATAHOUSE\DataShare2\DSGNHOME\PROJECT\New Oxford R



**TYPICAL SECTION
OXFORD ROAD
STA. 303+71.77 TO STA. 316+38.50**

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

OVERBUILD

TYPE SP OVERBUILD (TRAFFIC C)
THICKNESS VARIES (2 1/2" AVG. DEPTH)

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2014 AADT = 10,800
ESTIMATED OPENING YEAR = 2019 AADT = 13,000
ESTIMATED DESIGN YEAR = 2029 AADT = 19,000
K = 9 % D = 59% T = 6 %
DESIGN SPEED = 30 MPH

FERNWOOD BLVD

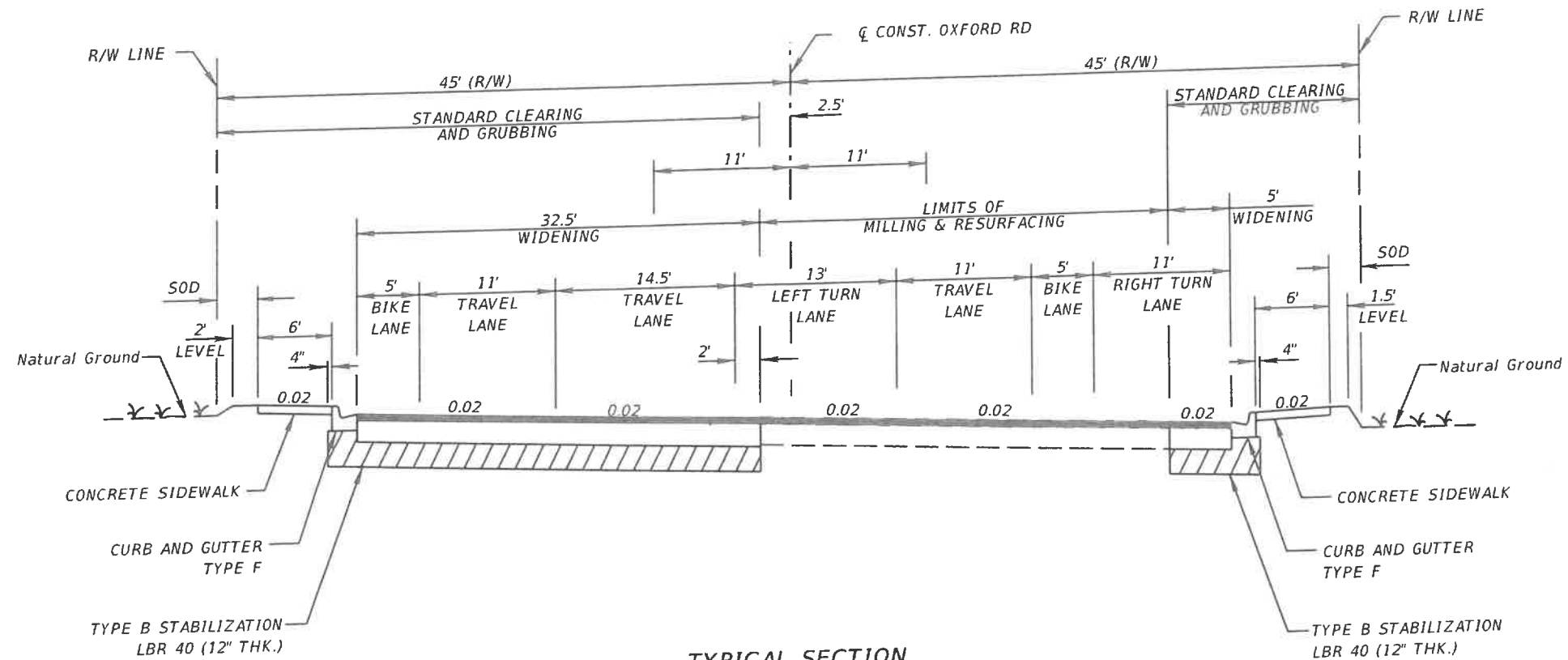
MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

RESURFACING

FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

DESIGN SPEED = 30 MPH								
REVISIONS				METRIC ENGINEERING, INC. C. BRIAN FULLER, P.E. # 49524 525 TECHNOLOGY PARK SUITE 153 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294	SEMINOLE COUNTY ENGINEERING DIVISION		TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT ID		10
04/04/24	▲ ADDED ADDITIONAL MILLING & RESURFACING INFO				OXFORD ROAD	PS-8827-13/DRR		
					Anna.Harden	4/4/2024 2:29:38 PM \\Orldatahouse\o\Shares\ORLDATAHOUSE\DataShare2\DSGNHOME\PROJECT\New Oxford R		



**TYPICAL SECTION
OXFORD ROAD
STA. 316+41.05 TO STA. 318+57.43**

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

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ESTIMATED OPENING YEAR = 2019 AADT = 13,000
ESTIMATED DESIGN YEAR = 2029 AADT = 19,000
K = 9 % D = 59% T = 6 %
DESIGN SPEED = 30 MPH

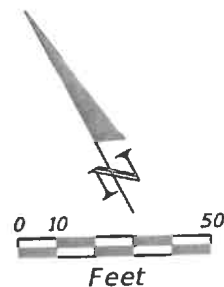
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DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT ID	
					OXFORD ROAD	PS-8827-13/DRR	

Anna.Harden

4/3/2024

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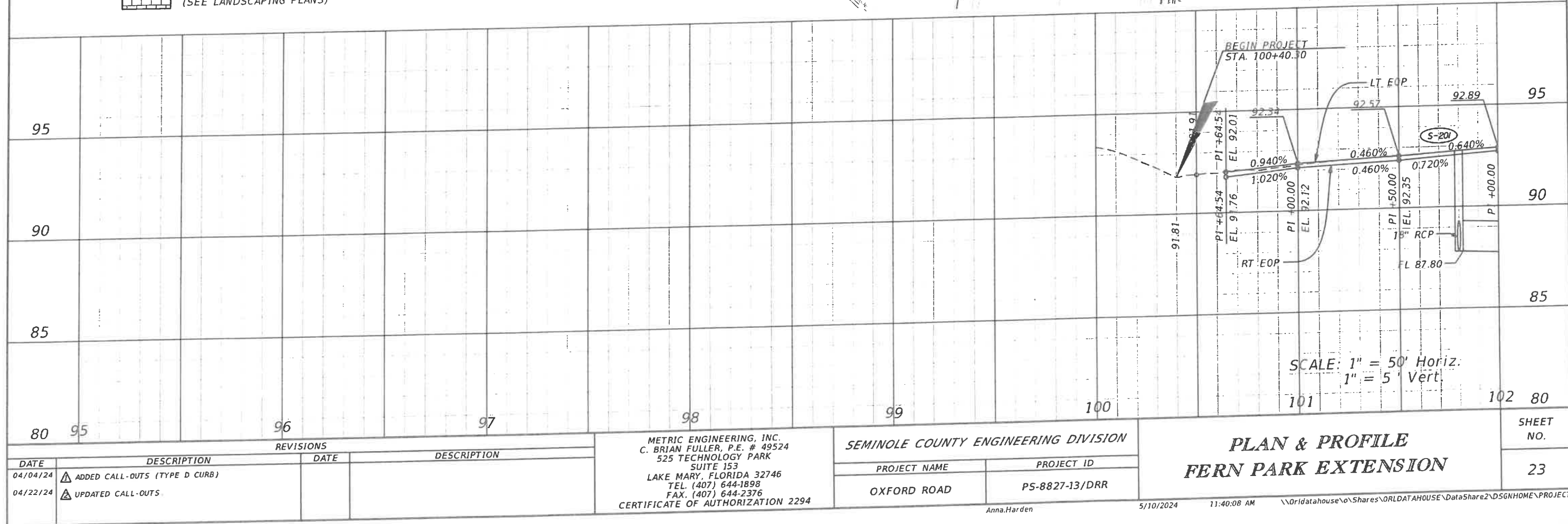
CURVE DATA CUR-1
PI STA. = 105+71.50
 Δ = 35° 38' 52" (LT)
D = 5° 45' 09"
T = 320.24
L = 619.68
R = 996.00
PC STA. = 102+51.26
PT STA. = 108+70.94
e = NC

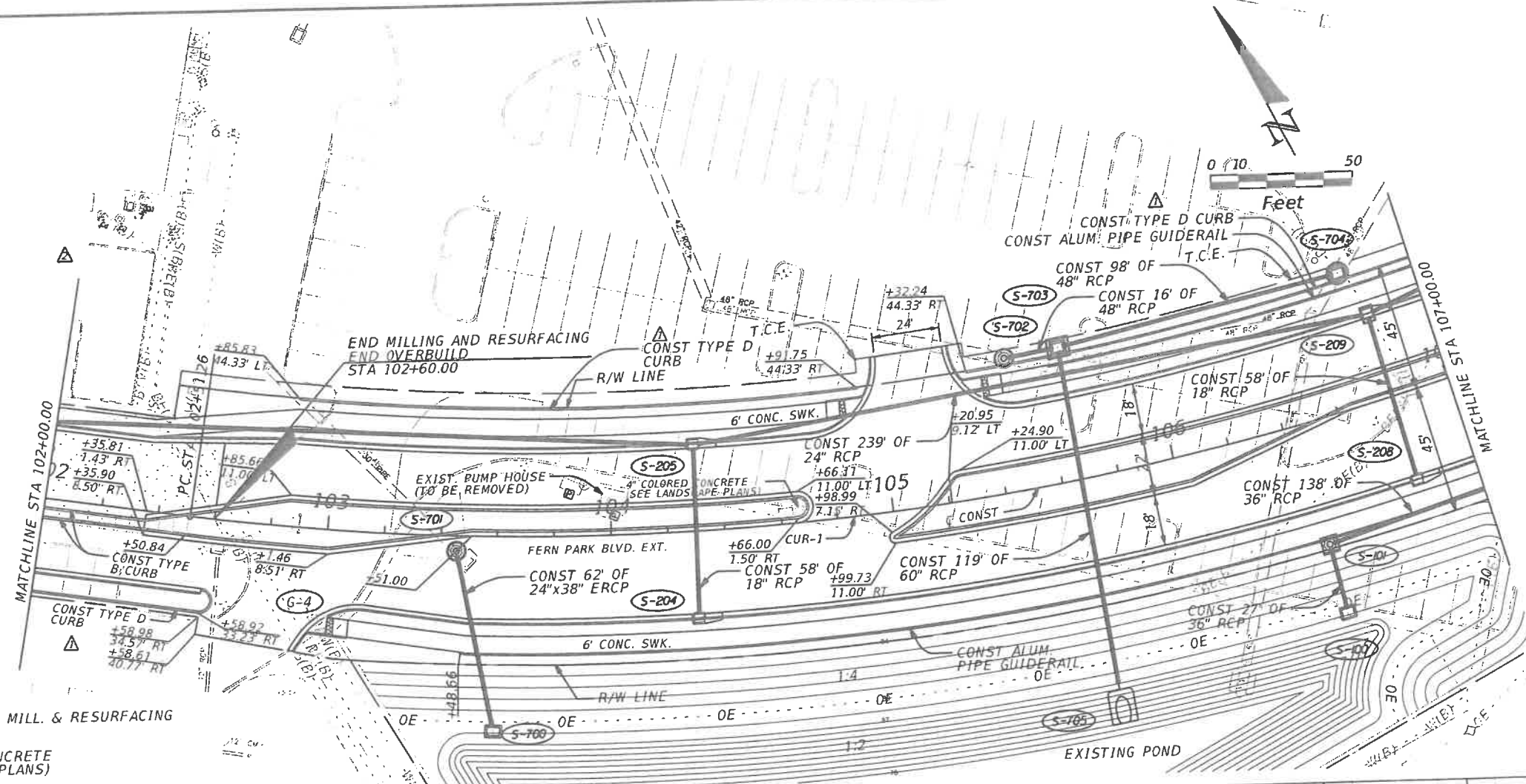
BEGIN CONSTRUCTION
STA 99+11.13

BEGIN MILLING
AND RESURFACING
STA 99+24.40

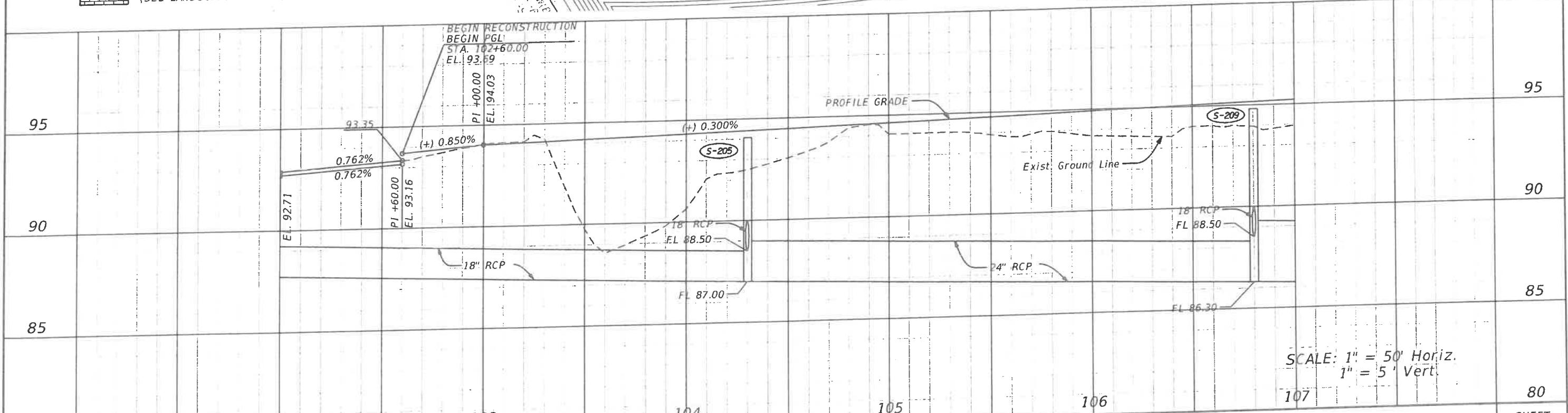
BEGIN PROJECT
STA 100+40.30

- DENOTES LIMITS OF MILL. & RESURFACING AND OVERBUILD
- DENOTES COLOR-CONCRETE (SEE LANDSCAPING PLANS)



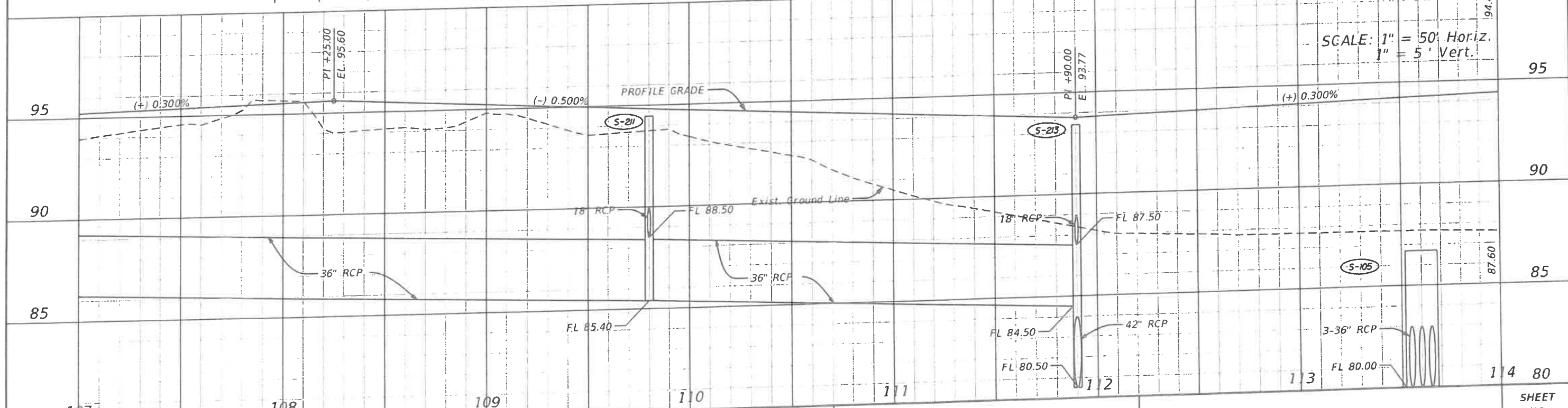
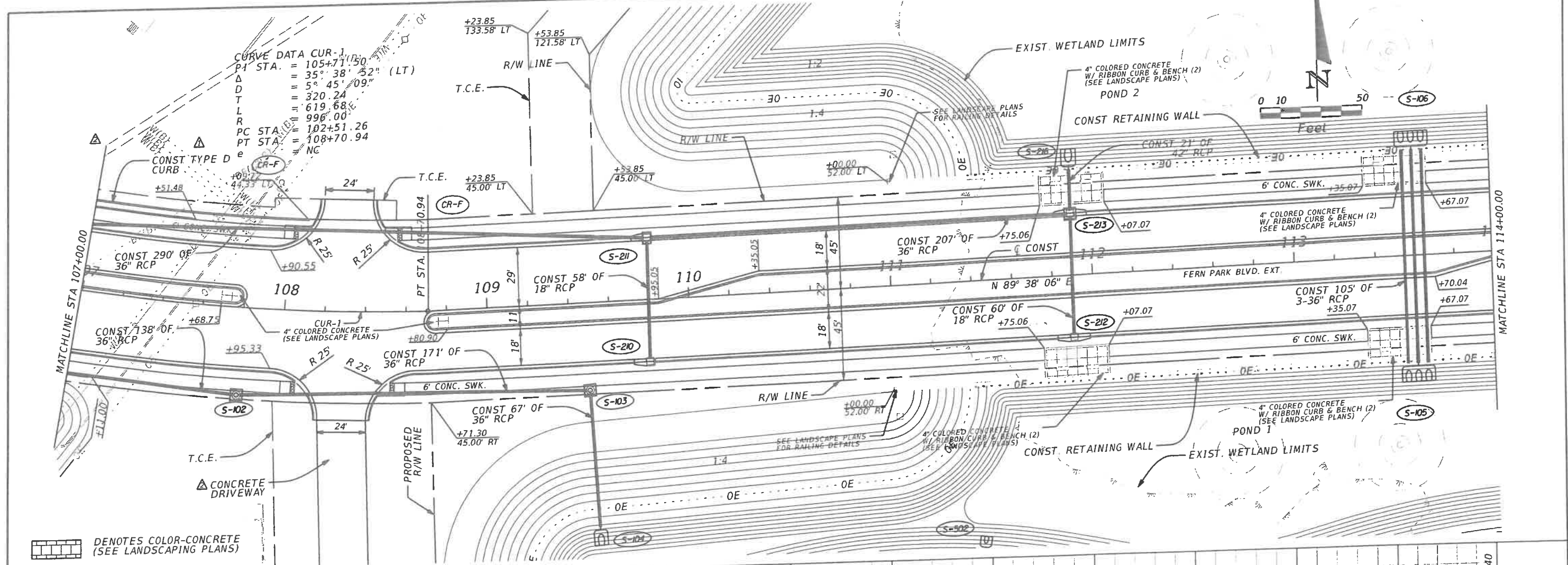


DENOTES LIMITS OF MILL. & RESURFACING AND OVERBUILD
 DENOTES COLOR-CONCRETE (SEE LANDSCAPING PLANS)



SCALE: 1" = 50' Horiz.
 1" = 5' Vert.

80		102		103		104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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DATE		DESCRIPTION		REVISIONS		DESCRIPTION	
04/04/24		ADDED CALL-OUTS (TYPE D CURB)					
04/22/24		REMOVED DUPLICATE DRAINAGE LABELS (S-###). LABELED CONCRETE DRIVEWAY					

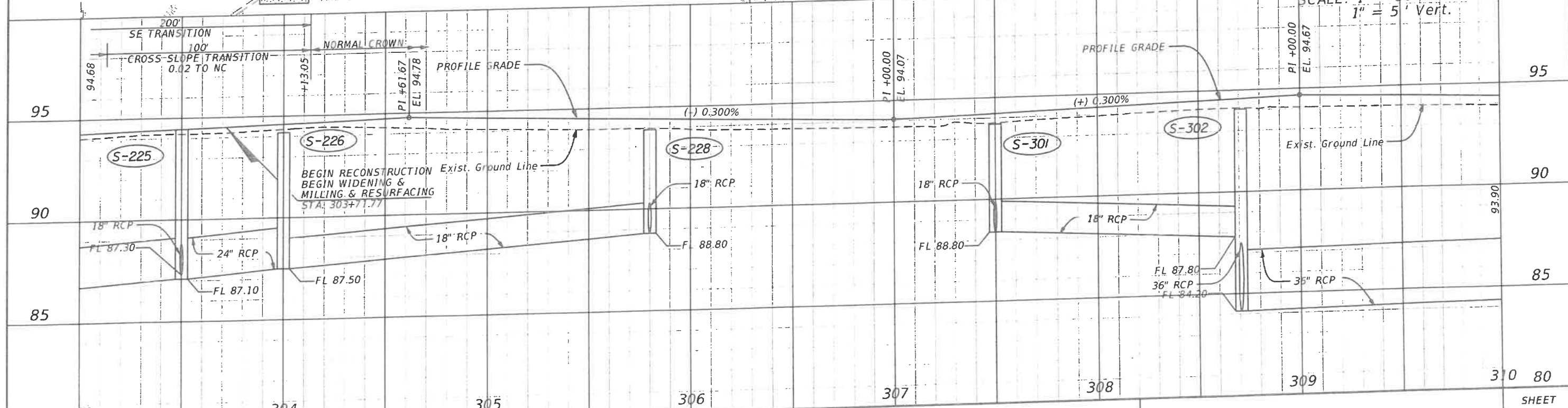
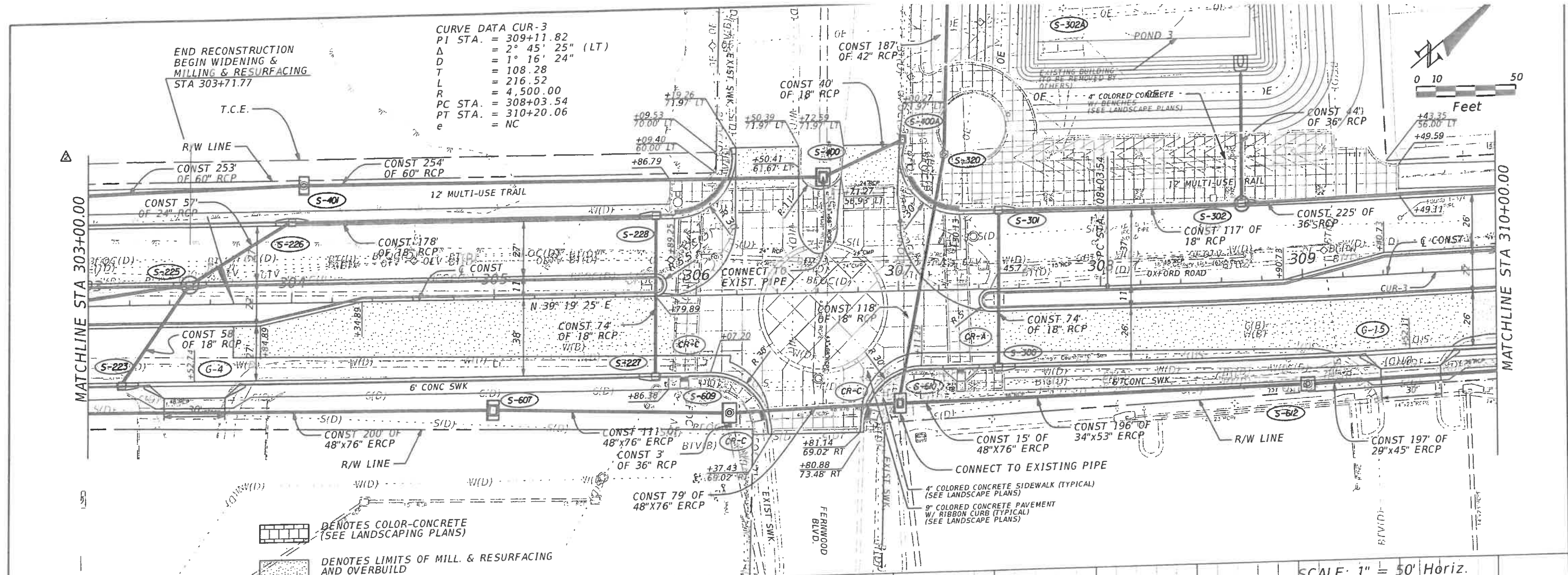
METRIC ENGINEERING, INC.
C. BRIAN FULLER, P.E. # 49524
525 TECHNOLOGY PARK
SUITE 153
LAKE MARY, FLORIDA 32746
TEL. (407) 644-1898
FAX. (407) 644-2376
CERTIFICATE OF AUTHORIZATION 2294

SEMINOLE COUNTY ENGINEERING DIVISION

PROJECT NAME	PROJECT ID
OXFORD ROAD	PS-8827-13/DRR

PLAN & PROFILE
FERN PARK EXTENSION

SHEET NO. 24

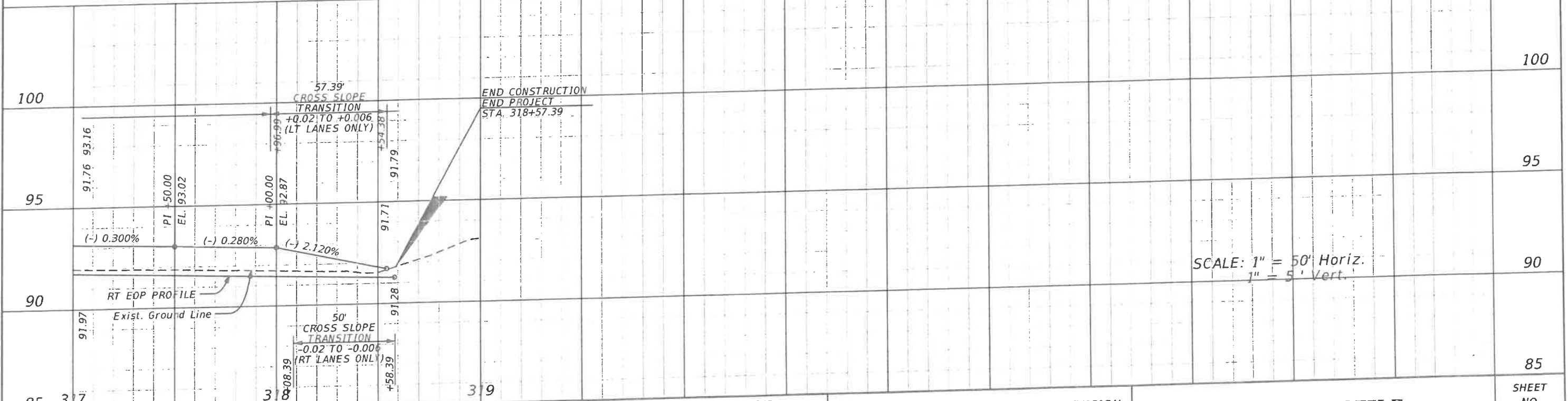
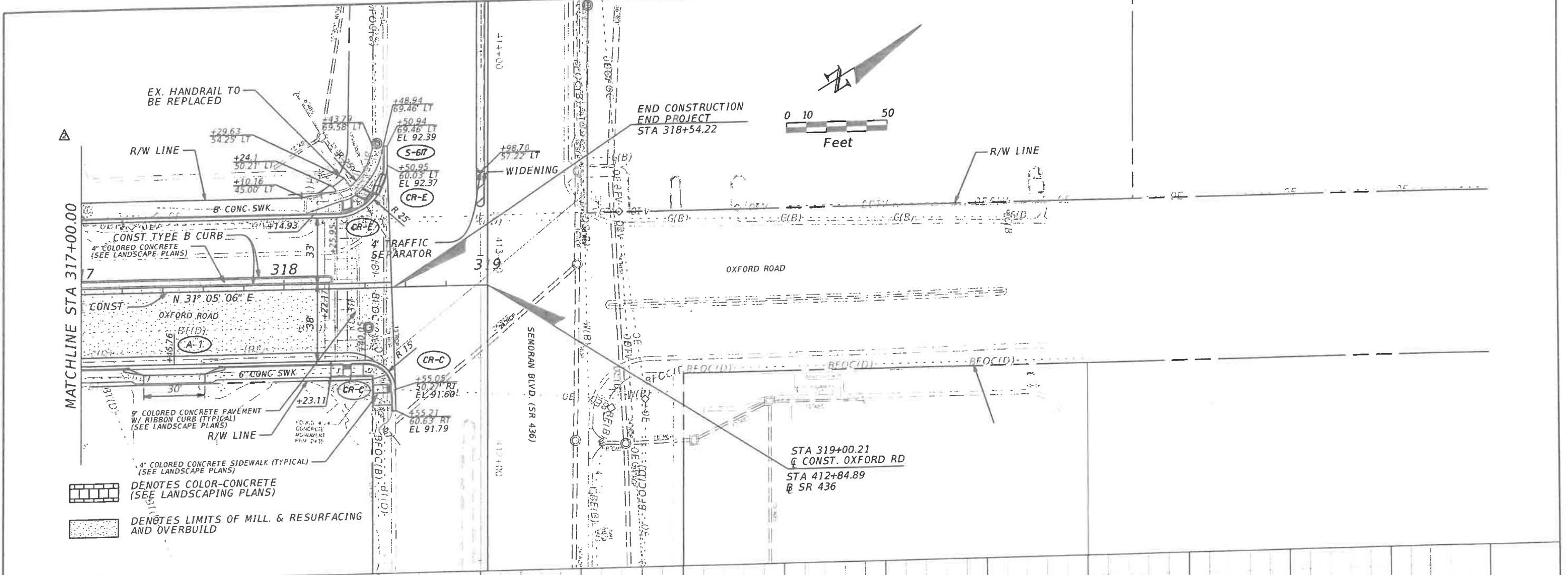


REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
04/22/24	REMOVED DUPLICATE DRAINAGE LABELS (S-###). ADDED MATCHLINES		

METRIC ENGINEERING, INC. C. BRIAN FULLER, P.E. # 49524 525 TECHNOLOGY PARK SUITE 153 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294		SEMINOLE COUNTY ENGINEERING DIVISION PROJECT NAME OXFORD ROAD PROJECT ID PS-8827-13/DRR Anna.Harden	
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PLAN & PROFILE OXFORD ROAD		SHEET NO. 27
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85		57		REVISIONS		METRIC ENGINEERING, INC. C. BRIAN FULLER, P.E. # 49524 525 TECHNOLOGY PARK SUITE 153 LAKE MARY, FLORIDA 32746 TEL. (407) 644-1898 FAX. (407) 644-2376 CERTIFICATE OF AUTHORIZATION 2294		SEMINOLE COUNTY ENGINEERING DIVISION		PLAN & PROFILE		NO.			
DATE		DESCRIPTION		DATE		DESCRIPTION		PROJECT NAME		PROJECT ID		29			
04/22/24		⚠️ ADDED LABELS. ADDED MATCHLINES.						OXFORD ROAD		PS-8827-13/DRR					
								Anna.Harden		5/10/2024		11:40:58 AM		\\0rldatahouse\o\Shares\ORLDATAHOUSE\DataShare2\DSGNHOME\PROJECTY	

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PLAN & PROFILE
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