

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LIGHTING PLANS
- STRUCTURES PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2024-2025 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>

APPLICABLE IRs: IR - -

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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2024-2025 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

CONTRACT PLANS

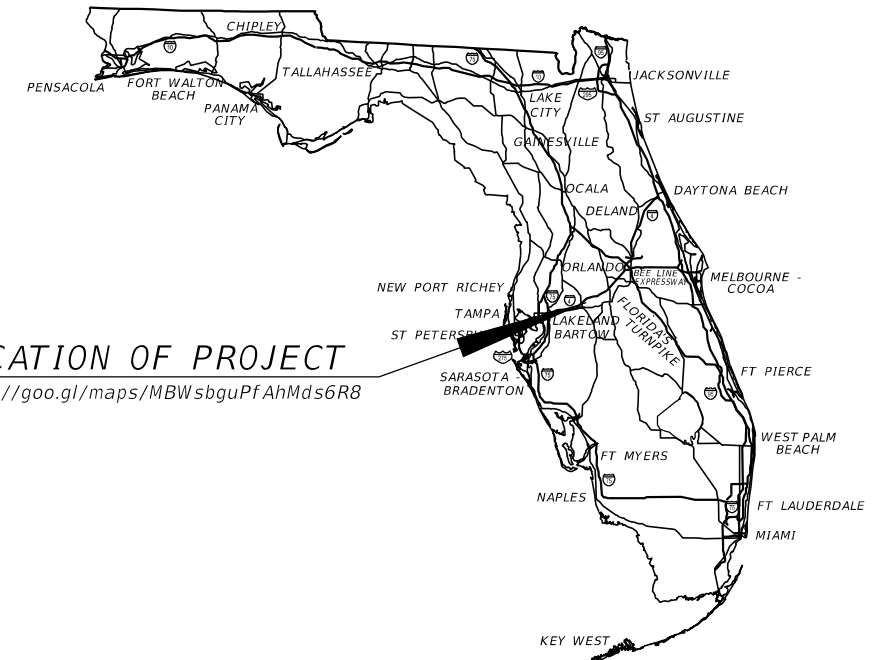
FINANCIAL PROJECT ID 430185-4-52-01

POLK COUNTY (16070)

STATE ROAD NO. 33

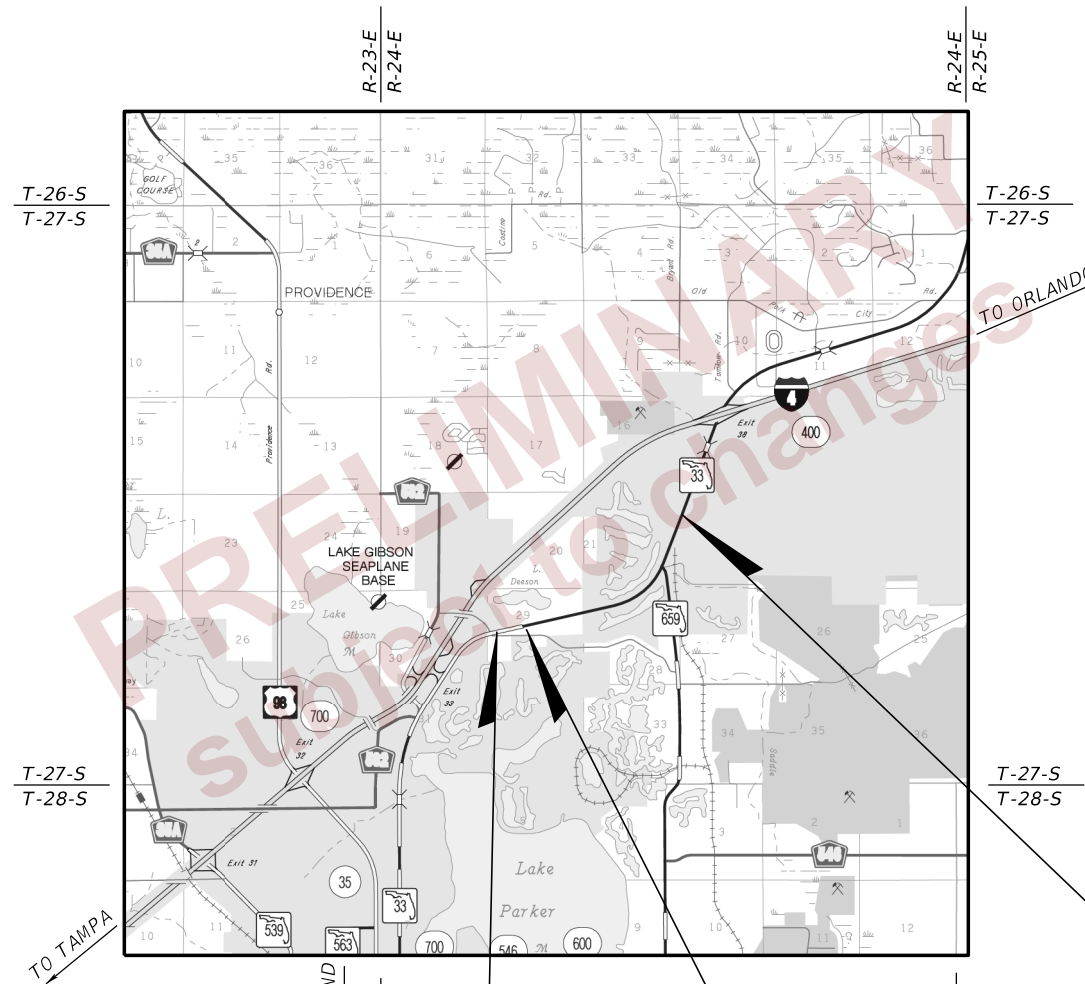
FROM OLD COMBEE ROAD TO SOUTH OF FIRSTPARK BLVD.

THIS PROJECT TO BE LET TO CONTRACT WITH
FPID: 430185-4-56-01, 430185-4-56-02, 430185-4-56-03, 430185-4-56-04
430185-3-52-01, 430185-3-56-01, 430185-3-56-03, 430185-3-56-04,
430185-3-56-05



LOCATION OF PROJECT

<https://goo.gl/maps/MBWsbguPfAhMds6R8>



BEGIN CONSTRUCTION
STA. 3262+42.12
Q CONST. SR. 33
MP 4.916

BEGIN PROJECT
STA. 3266+24.65
Q CONST. SR. 33
MP 4.990

END PROJECT
END CONSTRUCTION
STA. 3399+74.08
Q CONST. SR. 33
MP 7.518

PHASE IV PLANS
FEBRUARY 29, 2024

ROADWAY PLANS
ENGINEER OF RECORD:

DEBANANDA PANIGRAHI, PE
P.E. LICENSE NUMBER 68318
H. W. LOCHNER, INC.
4350 W. CYPRESS STREET, SUITE 800
TAMPA, FL 33607
CONTRACT NO.: C9F58
VENDOR NO.: E362338811001
PHONE: 813-357-3750

FDOT PROJECT MANAGER:

DOUG BURKHART, P.E.
PHONE: 850-536-8539

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

3/11/2024 9:25:41 AM JTACLIAFERRO C:\pwworking\lochnef-pw-01\dms18867\KEYSRD01.dgn

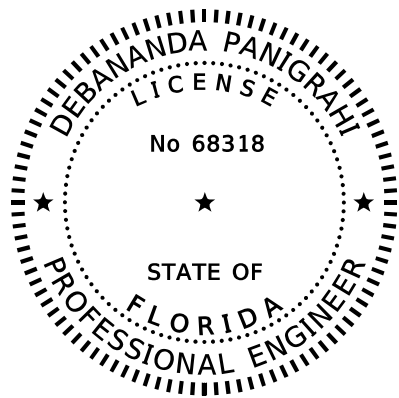
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NOTES TO REVIEWERS

1. THIS SUBMITTAL ADDRESSES ALL COMMENTS RECEIVED ON THE PHASE IIIR PLANS FOR THE 430185-4 PROJECT. OTHER MAJOR CHANGES INCLUDE THE ADDITION OF TRUCK APRONS AT OUTSIDE CORNERS OF ROUNDABOUT AND REDUCTION IN NOISE WALL LIMITS.
2. THIS PROJECT TIES INTO THE "-3" PROJECT TO THE NORTH (FPID 430185-3-52-01). IT IS ASSUMED THAT BOTH PROJECTS, "-3" AND "-4", WILL BE CONSTRUCTED AT THE SAME TIME.
3. THE SR 33 PROFILES SHOWN IN THESE PLANS END AT THE ELEVATIONS SHOWN TO TIE INTO THE ADJACENT PROJECT. THE FULL TYPICAL SECTION WILL BE BUILT TO MATCH THE TYPICAL SECTION OF THE ADJACENT PROJECT.
4. PLANS HAVE BEEN DEVELOPED UTILIZING FDM SERIES 300. SUPPLEMENT TO ORIGINAL SCOPE DOES NOT INCLUDE UPDATING TO LATEST FDM 900 SERIES.

PRELIMINARY
subject to changes

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOTES TO REVIEWERS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	1A		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		



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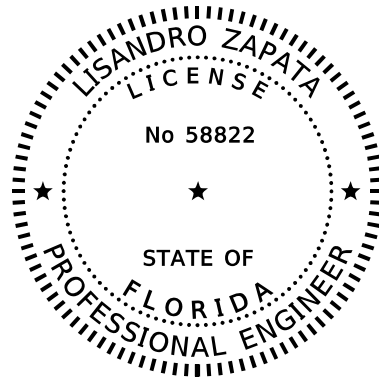
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LOCHNER
4350 W. CYPRESS STREET, SUITE 800
TAMPA, FL 33607
DEBANANDA PANIGRAHI, P.E. NO. 68318

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

SHEET NO.	SHEET DESCRIPTION
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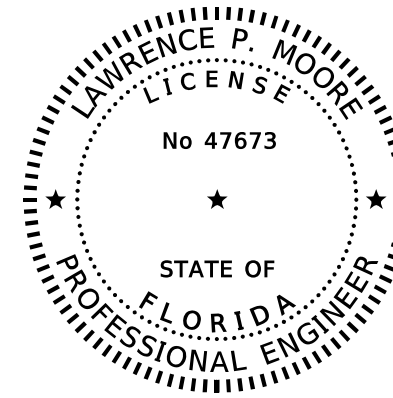
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LOCHNER
4350 W. CYPRESS STREET, SUITE 800
TAMPA, FL 33607
LISANDRO ZAPATA, P.E. NO. 58822

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

SHEET NO.	SHEET DESCRIPTION
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3 - 9	DRAINAGE MAP
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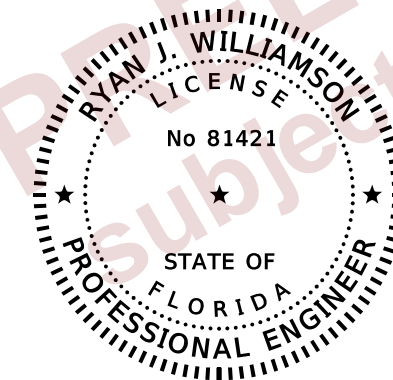
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TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637
LAWRENCE P. MOORE, P.E. NO. 47673

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
106 - 112	MUCK DELINEATION PLAN
114 - 129	POND SOIL SURVEY
192	ROADWAY SOIL SURVEY



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ON THE DATE ADJACENT TO THE SEAL

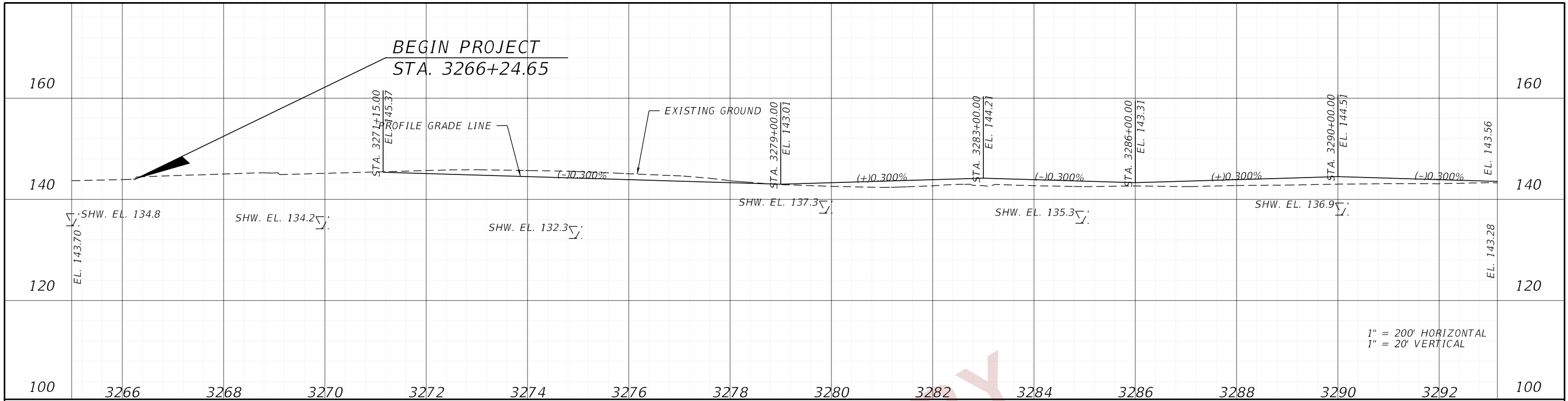
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BURGESS & NIPLÉ
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
RYAN J. WILLIAMSON, P.E. NO. 81421

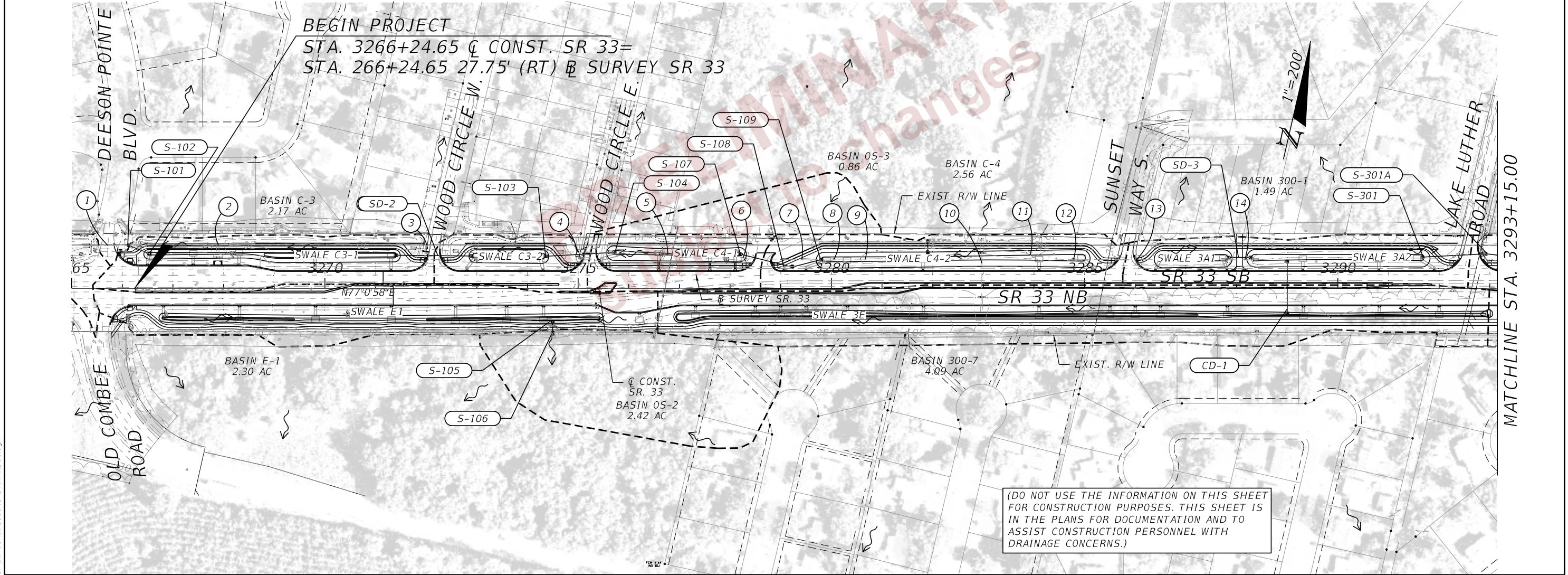
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ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
281 - 377	TEMPORARY TRAFFIC CONTROL PLANS

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		2



1" = 200' HORIZONTAL
1" = 20' VERTICAL



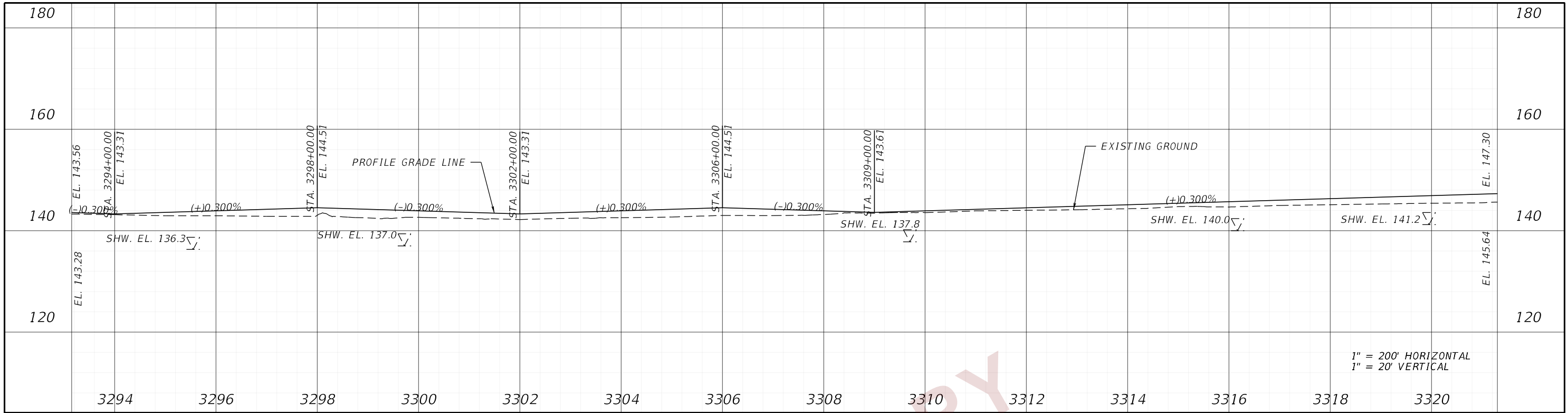
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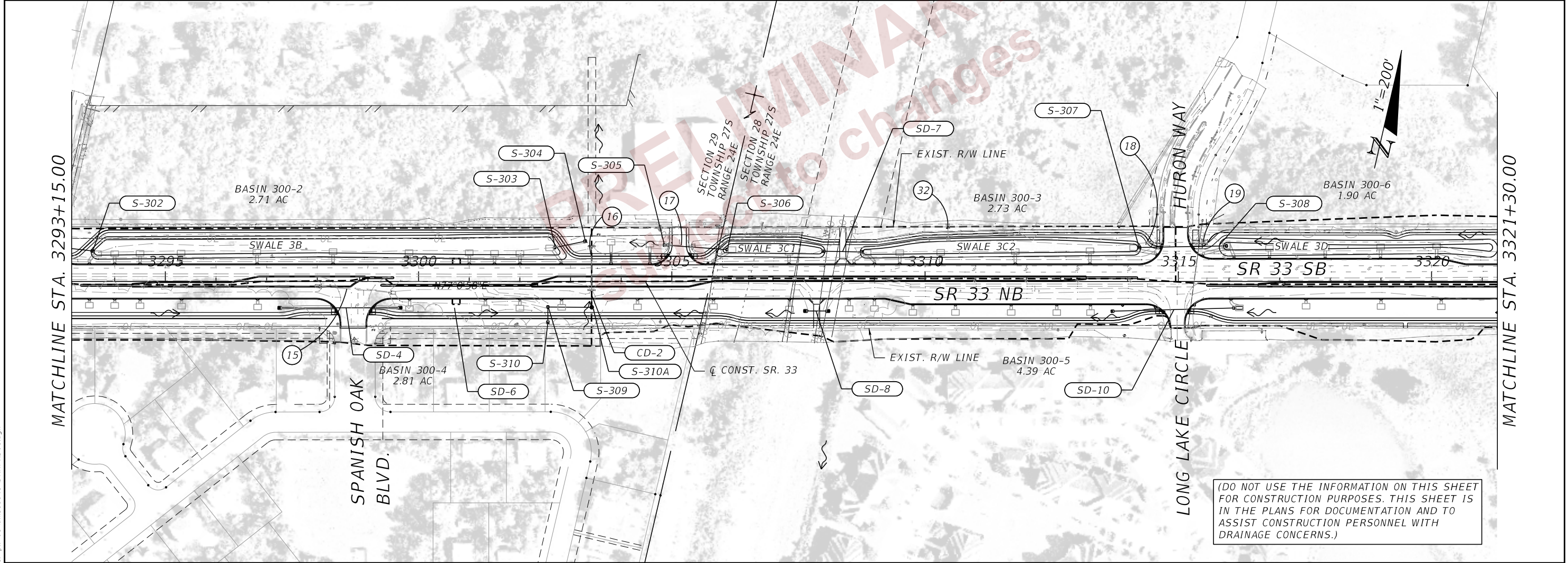
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	

DRAINAGE MAP (01)

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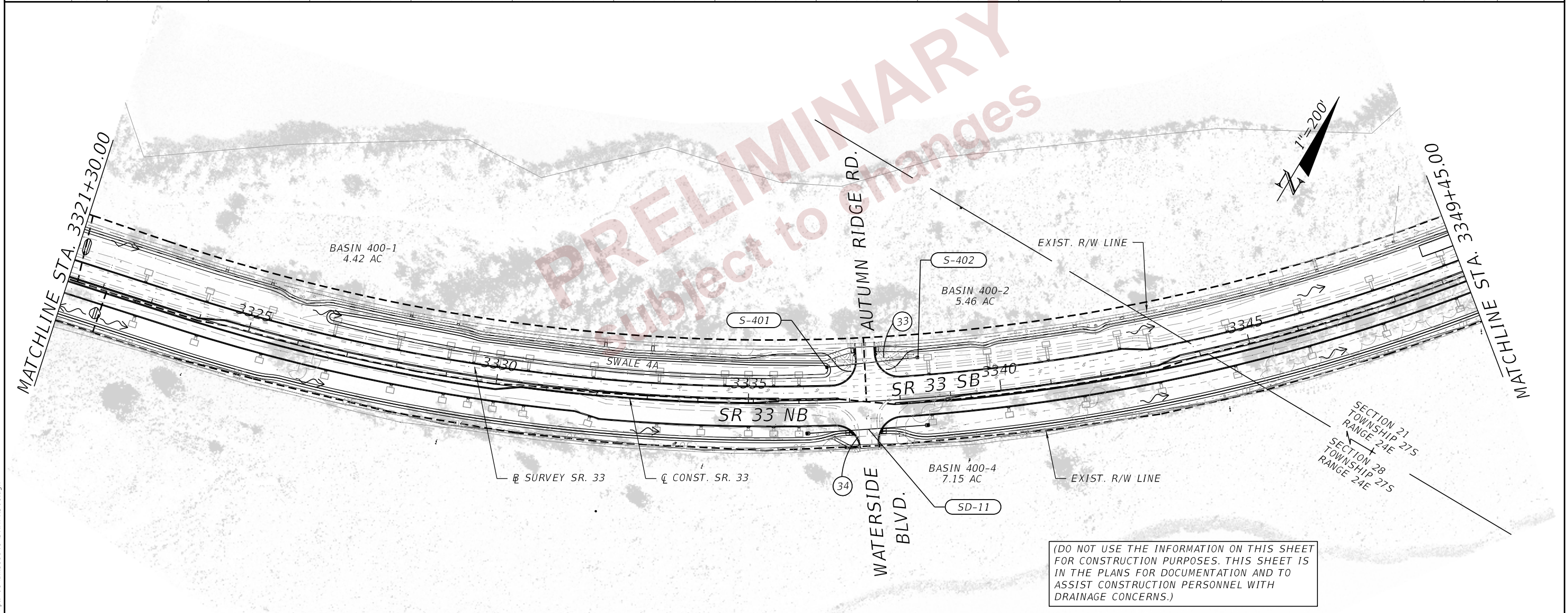
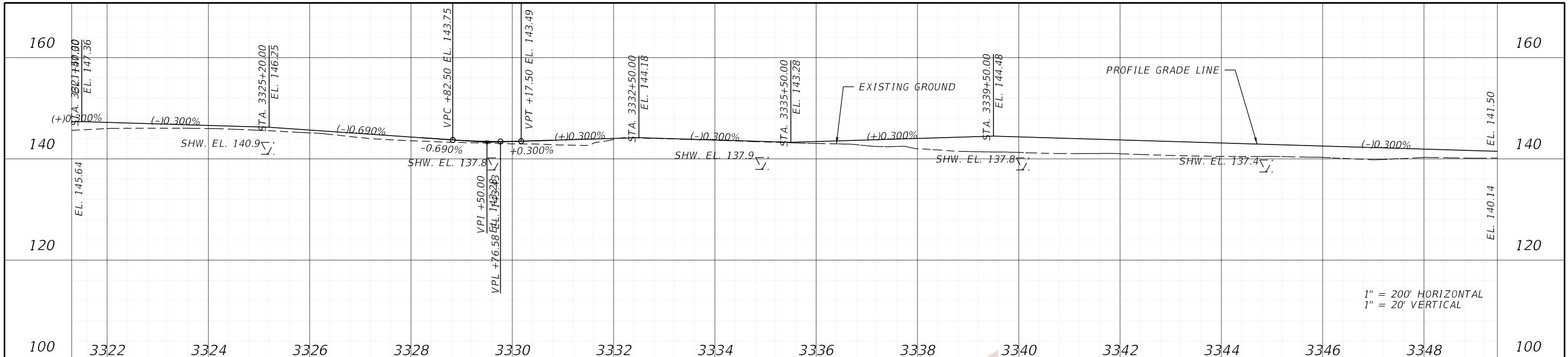


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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	4
DRAINAGE MAP (02)							

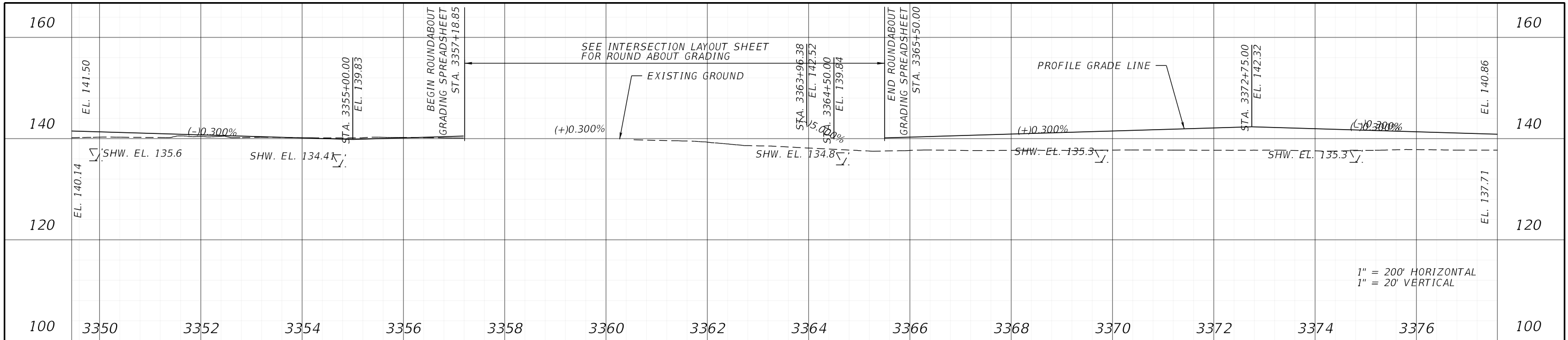
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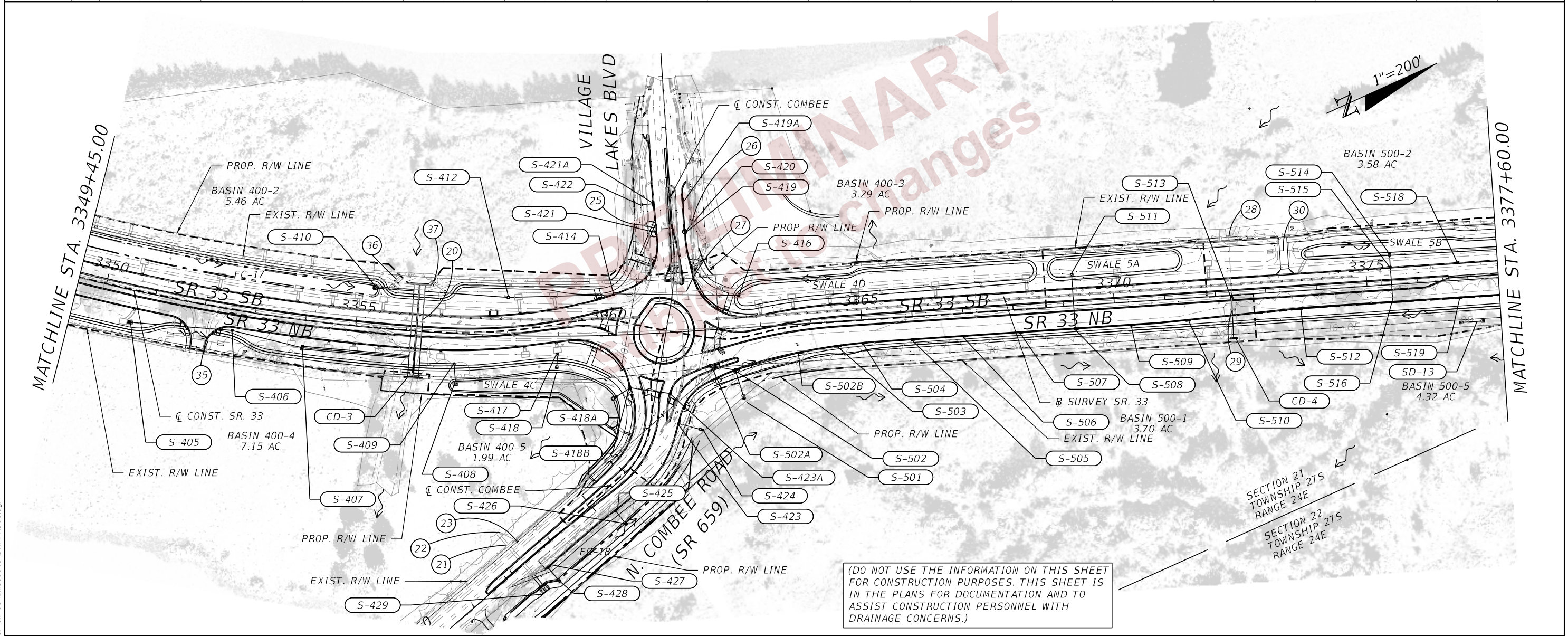
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	5
DRAINAGE MAP (03)									

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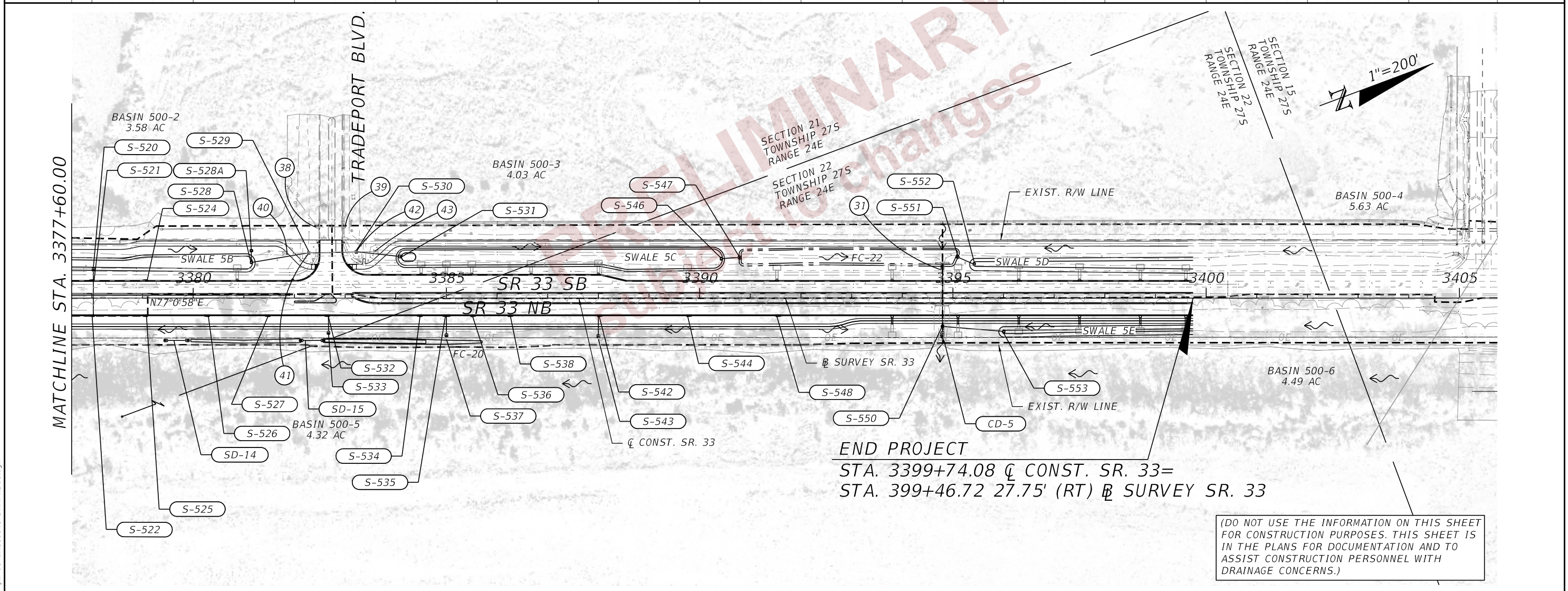
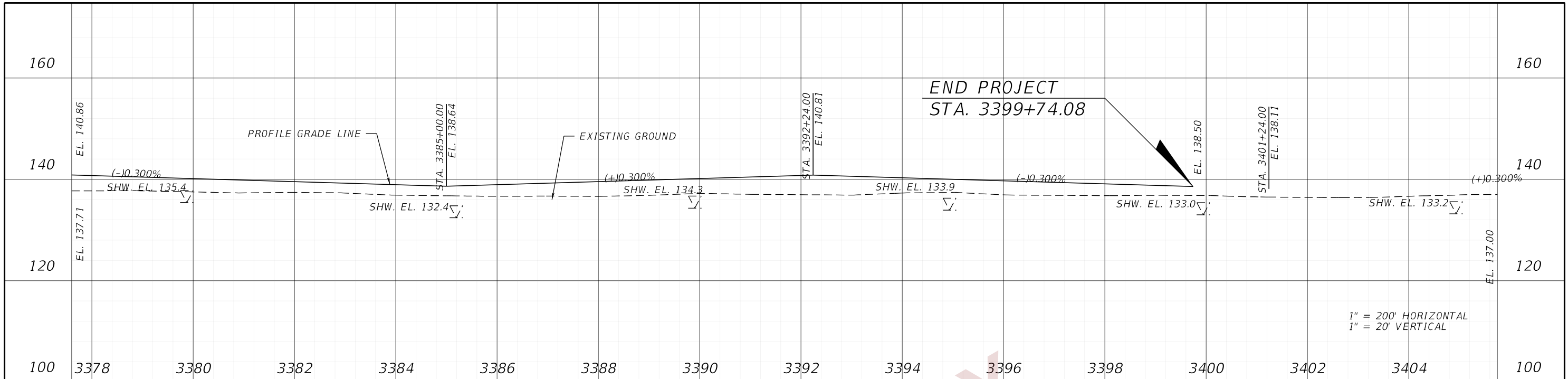
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	

DRAINAGE MAP (04)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	7
DRAINAGE MAP (05)									

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- 1 SIDE DRAIN
24" RCP FL 139.00 E
24" RCP FL 139.12 W
- 2 SIDE DRAIN
18" RCP FL 139.02 E
18" RCP FL 138.95 W
- 3 SIDE DRAIN
18" RCP FL 138.98 E
18" RCP FL 140.05 W
- 4 SIDE DRAIN
18" RCP FL 140.59 E
18" RCP FL 140.82 W
- 5 SIDE DRAIN
18" RCP FL 140.96 E
18" RCP FL 141.16 W
- 6 MES
18" RCP FL 141.01 E
- 7 GRATE INLET
GRATE EL. = 143.06
18" RCP FL 141.05 W
18" RCP FL 141.04 E
- 8 GRATE INLET
GRATE EL. = 143.09
18" RCP FL 140.96 W
18" RCP FL 140.97 E
- 9 PIPE END
18" RCP FL 140.66 W
- 10 CROSS DRAIN
30" RCP FL 138.47 S
30" RCP FL 138.71 N
- 11 PIPE END
18" RCP FL 139.81 E
- 12 GRATE INLET
GRATE EL. = 142.31
18" RCP FL 140.12 W
18" RCP FL 140.25 E
- 13 PIPE END
18" RCP FL 141.04 W
- 14 SIDE DRAIN
18" CMP FL 140.60 E
18" CMP FL 139.96 W
- 15 SIDE DRAIN
14"x23" ERCP FL 141.95 E
14"x23" ERCP FL 141.83 W
- 16 CROSS DRAIN
30" RCP FL 138.59 S
30" RCP FL 138.04 N
- 17 SIDE DRAIN
18" CMP FL 139.42 E
18" CMP FL 139.68 W
- 18 MES
24" RCP FL 139.92 E
- 19 GRATE INLET
GRATE EL. = 144.11
24" RCP FL 140.67 W
- 20 BRIDGE CULVERT
(2)-10'x3' CBC 132.40 W
(2)-10'x3' CBC 132.34 E
- 21 CROSS DRAIN
(2)-36" RCP FL 131.23 E
(2)-36" RCP FL 130.89 W
- 22 PIPE END
18" RCP FL 131.21 E
- 23 GRATE INLET
GRATE EL. = 134.51
18" RCP FL 130.96 W
- 24 SIDE DRAIN
66" CMP FL 125.40 N
66" CMP FL 125.82 S
- 25 CURB INLET
INLET EL. = 138.19
12" RCP FL 132.28 W
- 26 CURB INLET
INLET EL. = 137.78
12" RCP FL 133.06 W
- 27 SIDE DRAIN
24" RCP FL 133.21 N
24" RCP FL 133.95 S
- 28 CONTROL STRUCTURE
GRATE EL. = 135.66
WEIR EL. = 134.07
36" RCP FL 130.03 E
- 29 ENDWALL
36" RCP FL 128.31 W
- 30 SIDE DRAIN
19"x30" ERCP FL 135.31 N
19"x30" ERCP FL 135.56 S
- 31 BOX CULVERT
6'x2' CBC FL 132.89 E
6'x2' CBC FL 133.14 W
- 32 SIDE DRAIN
30" x 19" RCP FL 138.11 E
30" x 19" RCP FL 139.40 W
- 33 SIDE DRAIN
38" x 24" RCP FL 137.21 N
38" x 24" RCP FL 137.09 S
- 34 SIDE DRAIN
30" x 19" RCP FL 138.75 N
30" x 19" RCP FL 138.50 S
- 35 SIDE DRAIN
45" x 29" RCP FL 135.18 N
45" x 29" RCP FL 135.06 S
- 36 SIDE DRAIN
45" x 29" RCP FL 132.79 W
45" x 29" RCP FL 133.18 E
- 37 SIDE DRAIN
30" x 19" RCP FL 132.84 W
30" x 19" RCP FL 133.26 E
- 38 CURB INLET
INLET EL. = 137.64
18" RCP FL 132.98 S
- 39 CURB INLET
INLET EL. = 138.12
18" RCP FL 133.54 S
18" RCP FL 132.94 N
- 40 MES
30" X 19" RCP FL 132.47 E
- 41 GRATE INLET
GRATE EL. = 136.07
30" X 19" RCP FL 132.41 W
30" X 19" RCP FL 132.63 E
- 42 GRATE INLET
GRATE EL. = 136.58
30" X 19" RCP FL 132.90 W
30" X 19" RCP FL 132.87 E
- 43 MES
30" X 19" RCP FL 133.23 W

PRELIMINARY
Subject to changes

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP (06) EXISTING STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		8
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		

SUMMARY OF FLOOD DATA
FINANCIAL PROJECT ID 430185-4-52-01

STRUCTURE NO.	STATION	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD				GREATEST FLOOD			
		2% PROB	50 YR FREQ	1% PROB	100 YR FREQ	DISCHARGE	STAGE	PROB %	FREQ YR	DISCHARGE	STAGE	PROB %	FREQ YR
		DISCHARGE	STAGE	DISCHARGE	STAGE								
CD-1	3289+00	1.82 cfs	141.54	4.52 cfs	142.15	--	--	--	--	10.79 cfs	145.33	0.2	500
CD-2	3303+42	3.71 cfs	139.79	12.26 cfs	140.81	--	--	--	--	32.11 cfs	143.17	0.2	500
CD-3	3356+20	118.00 cfs	135.41	140.00 cfs	135.81	--	--	--	--	206.00 cfs	135.99	0.2	500
CD-5	3394+80	3.48 cfs	134.05	12.94 cfs	134.59	--	--	--	--	34.91 cfs	136.06	0.2	500

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND (CFS) AND STAGES ARE IN FEET, NAVD 88.

DEFINITIONS:

DESIGN FLOOD: THE FLOOD SELECTED BY F.D.O.T. TO BE UTILIZED TO ASSURE A STANDARD LEVEL OF HYDRAULIC PERFORMANCE.

BASE FLOOD: THE FLOOD HAVING A 1% CHANCE OF BEING EXCEEDED IN ANY YEAR. (100 YR. FREQUENCY)

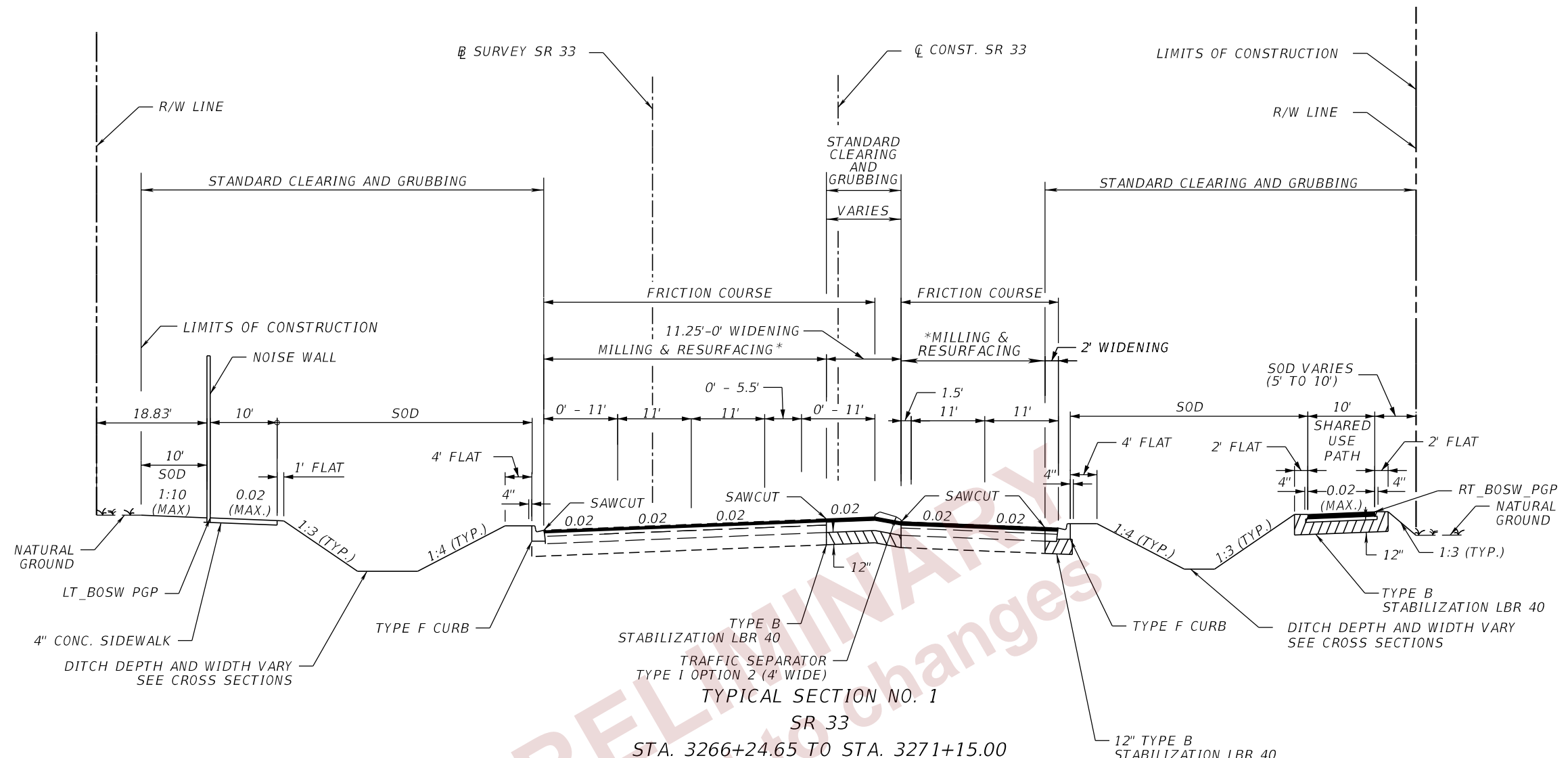
OVERTOPPING FLOOD: THE FLOOD WHERE FLOW OCCURS (A) OVER THE HIGHWAY (B) OVER A WATERSHED DIVIDE OR (C) THRU EMERGENCY RELIEF STRUCTURES.

GREATEST FLOOD: THE MOST SEVERE FLOOD WHICH CAN BE PREDICTED WHERE OVERTOPPING IS NOT PRACTICABLE, NORMALLY ONE WITH A 0.2% CHANCE OF BEING EXCEEDED IN ANY YEAR. (500 YR. FREQUENCY)

PREPARED BY: LISANDRO A. ZAPATA

DATE: 6/6/2023

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP (07) FLOOD DATA	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
						SR 33	POLK	430185-4-52-01		



TYPICAL SECTION NO. 1
SR 33
STA. 3266+24.65 TO STA. 3271+15.00

MILLING

MILL EXISTING ASPHALT PAVEMENT (1.5")

RESURFACING

FRICITION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 10 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
AND FRICITION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.5")

*MILLING AND RESURFACING OF EXISTING
PAVEMENT AND SHOULDER EXTENDS FROM STA. 3262+40.67
UTILIZE 2'-8" SOD TREATMENT OPTION 1 PER STANDARD PLANS INDEX 570-010

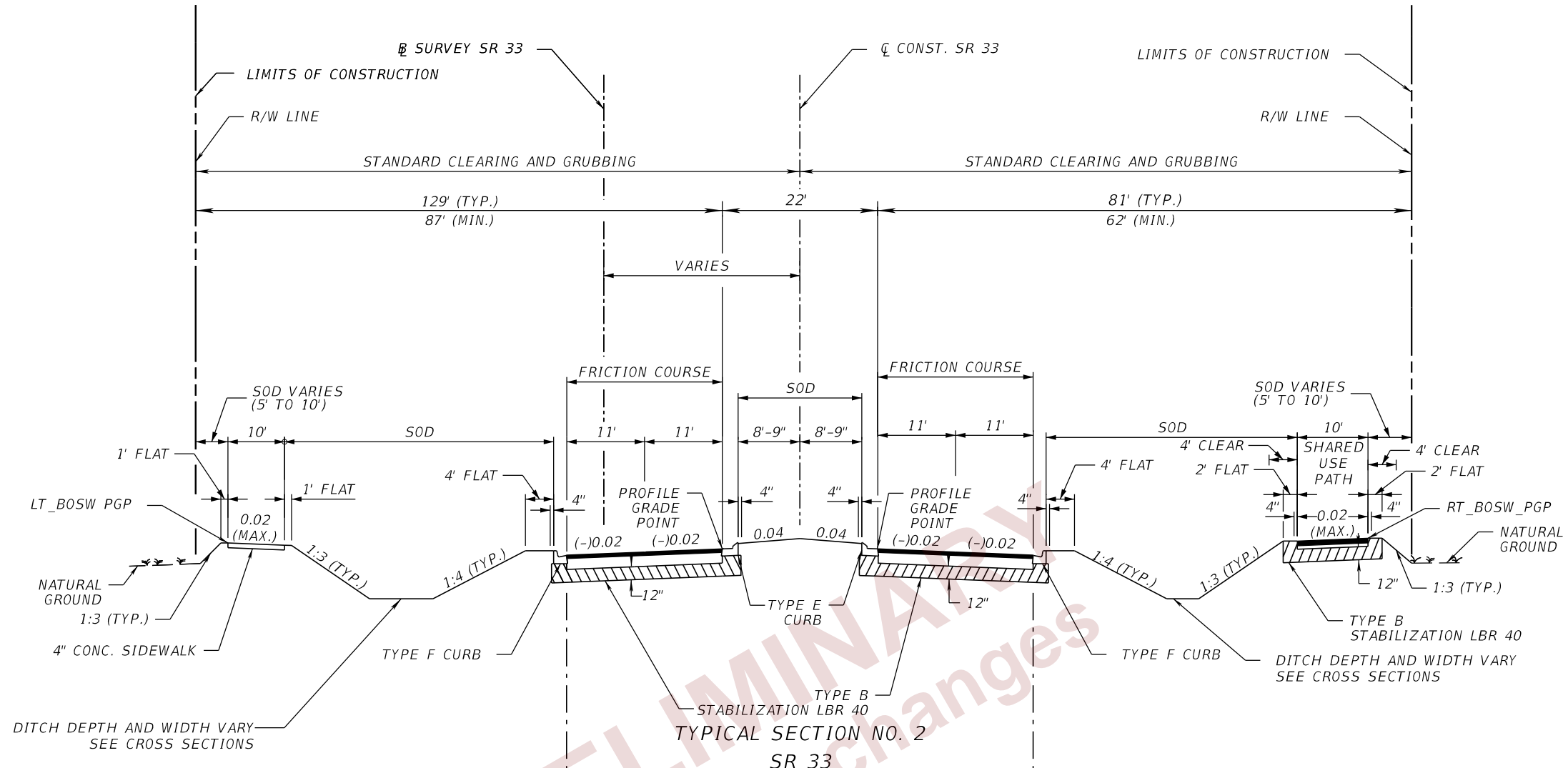
* MILLING AND RESURFACING ON SIDE ROADS TO MATCH
MILLING AND RESURFACING PAVEMENT DESIGN FOR SR. 33

NOTE:
1. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING
PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE
CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 12,000
ESTIMATED OPENING YEAR = 2027 AADT = 20,200
ESTIMATED DESIGN YEAR = 2047 AADT = 41,000
K = 9.0% D = 55.7% T = 13.3% (24 HOUR)
DESIGN HOUR T = 6.65%
DESIGN SPEED = 45 MPH
CONTEXT CLASSIFICATION = C3C

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS (1) 10
					SR 33	POLK	430185-4-52-01	



STA. 3271+15.00 TO STA. 3360+50.00
 STA. 3361+70.00 TO STA. 3399+74.08

NEW CONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
 AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.5")

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 12,000
 ESTIMATED OPENING YEAR = 2027 AADT = 20,200
 ESTIMATED DESIGN YEAR = 2047 AADT = 41,000
 K = 9.0% D = 55.7% T = 13.3% (24 HOUR)
 DESIGN HOUR T = 6.65%
 DESIGN SPEED = 45 MPH
 CONTEXT CLASSIFICATION = C3C

DETAIL 1

STA. 3275+55.87 TO STA. 3278+45.57
 STA. 3303+20.12 TO STA. 3304+86.36

DETAIL 2

STA. 3361+70.00 TO STA. 3370+79.95
 STA. 3393+21.54 TO STA. 3399+74.08

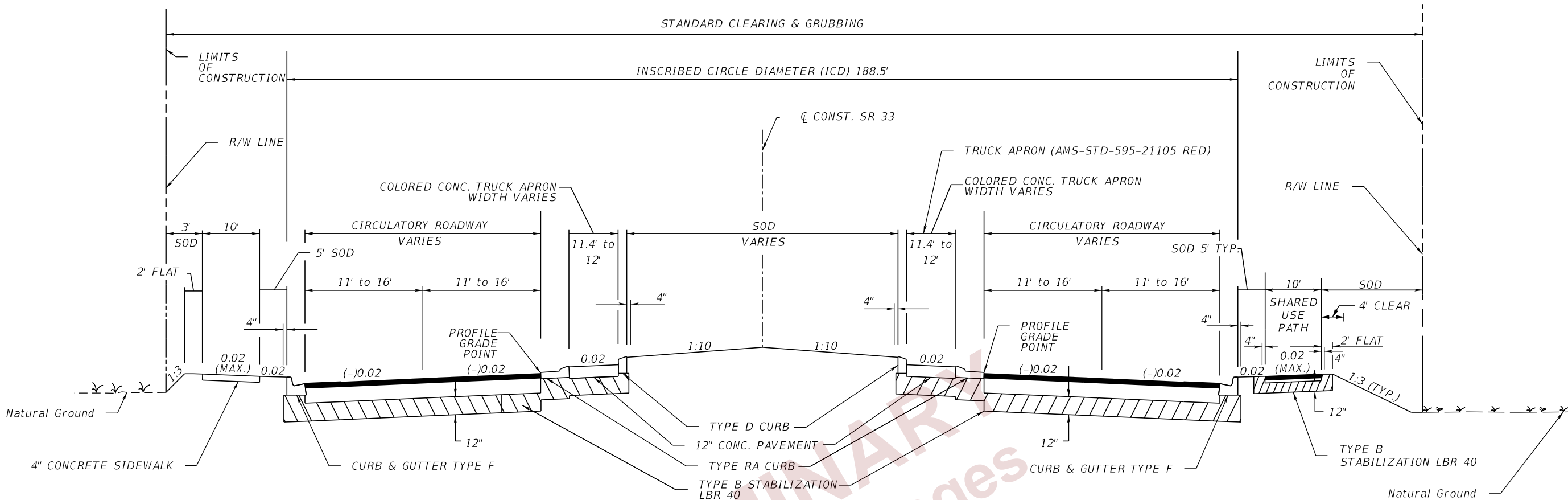
NOTE:
 1. SIDE STREET AND DRIVEWAYS TO MATCH NEW CONSTRUCTION
 PAVEMENT DESIGN FOR SR 33

NOT TO SCALE

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	11
					SR 33	POLK	430185-4-52-01	

TYPICAL SECTIONS (2)

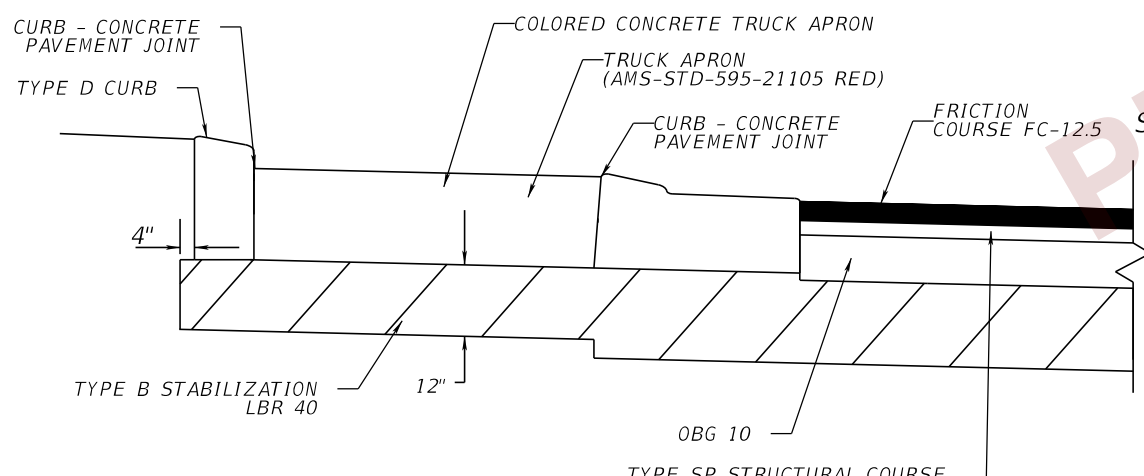
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TYPICAL SECTION NO. 3
SR 33

COMBEE ROUNDABOUT

STA. 3360+50.00 TO STA. 3361+70.00 (C CONST. SR 33)



CONCRETE TRUCK APRON DETAIL
IN INSCRIBED CIRCLE

NEW CONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

SHARED USE PATH

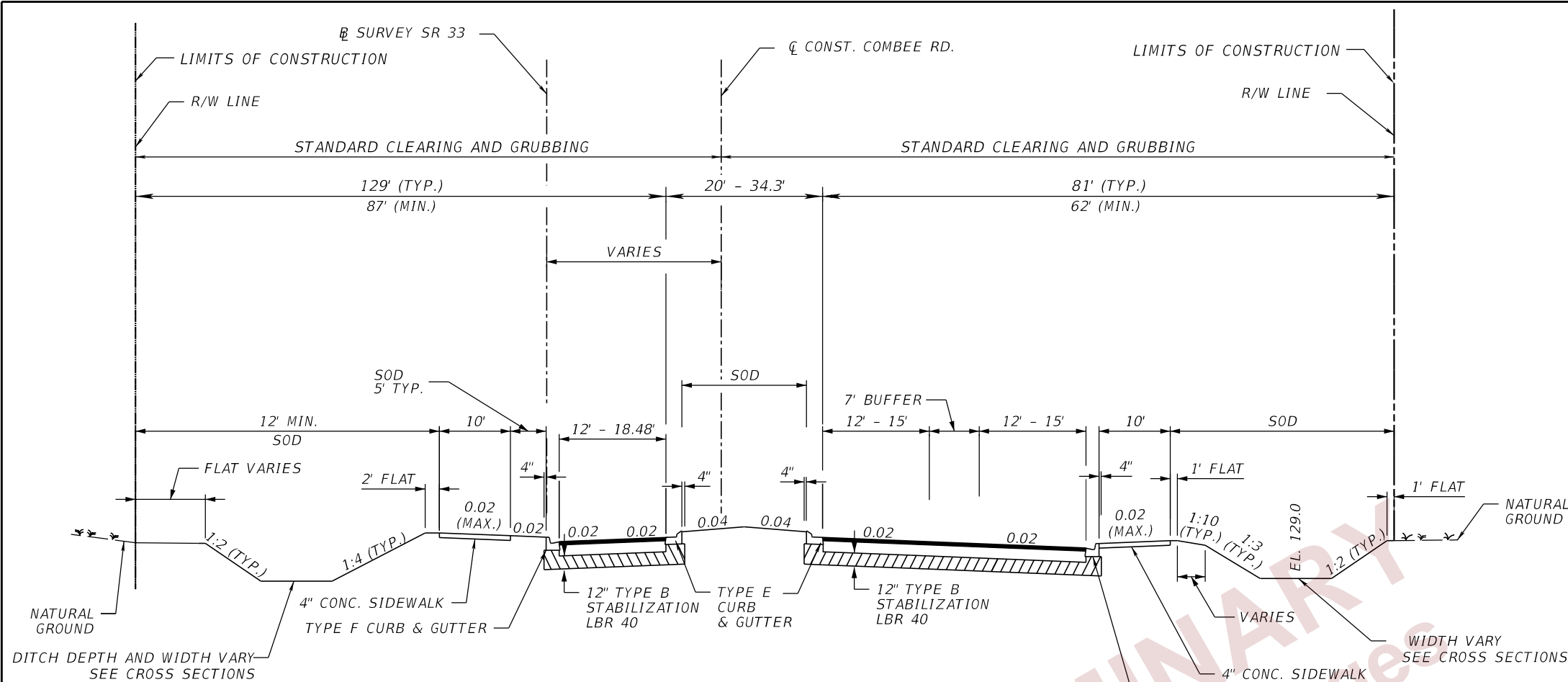
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.5")

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 12,000
ESTIMATED OPENING YEAR = 2027 AADT = 20,200
ESTIMATED DESIGN YEAR = 2047 AADT = 41,000
K = 9.0% D = 55.7% T = 13.3% (24 HOUR)
DESIGN HOUR T = 6.65%
DESIGN SPEED = 30 MPH
CONTEXT CLASSIFICATION = C3C

NOT TO SCALE

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS (3) 12
					SR 33	POLK	430185-4-52-01	



NOTE:
 1. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

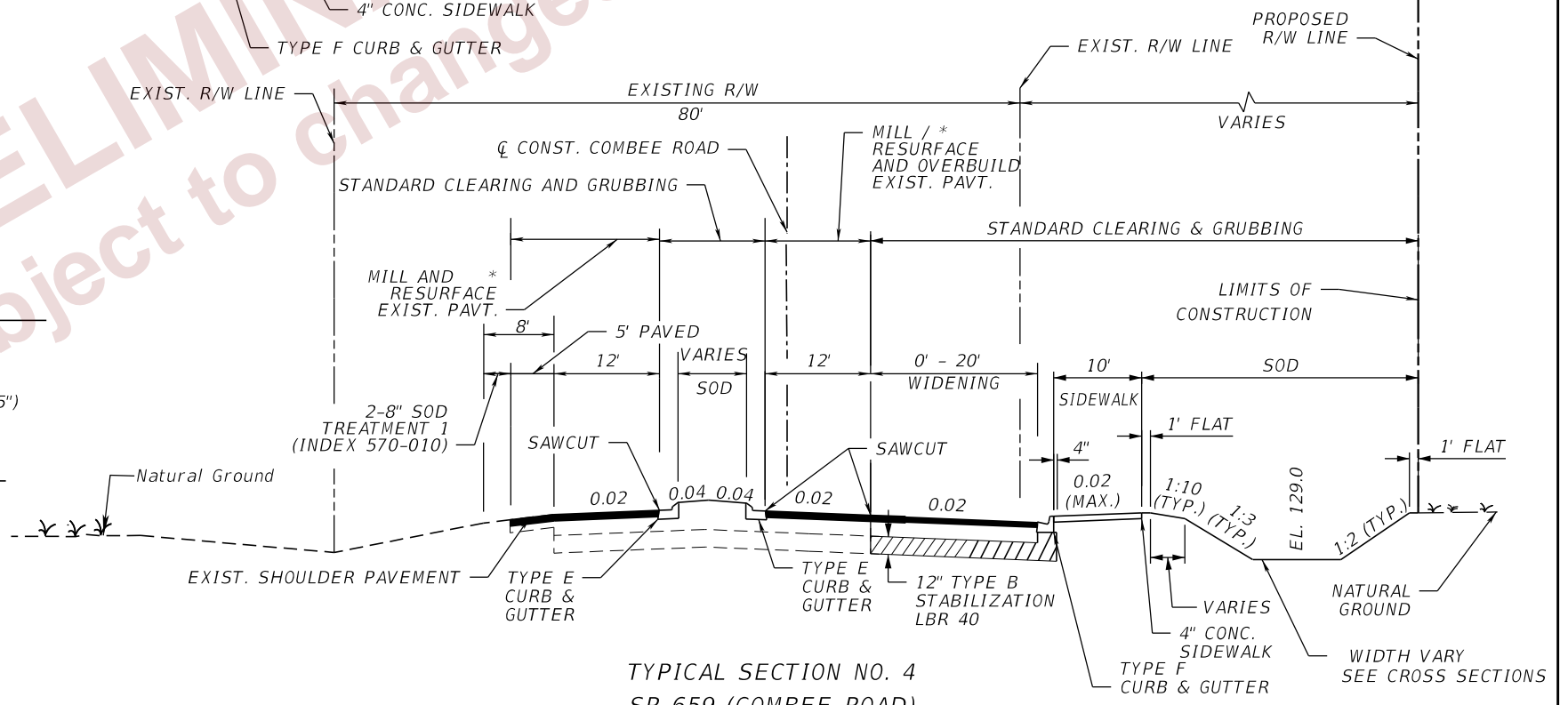
TYPICAL SECTION NO. 5
 SR 659 (COMBEE ROAD)
 STA. 54+05.19 TO STA. 56+20.00
 STA. 59+80.00 TO STA. 60+53.81
 CL CONST. SR 659 (COMBEE ROAD)

- NEW CONSTRUCTION & WIDENING**
 OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
 AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")
- MILLING**
 MILL EXISTING ASPHALT PAVEMENT (1.5")
- RESURFACING**
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 10,200
 ESTIMATED OPENING YEAR = 2022 AADT = 12,300
 ESTIMATED DESIGN YEAR = 2042 AADT = 19,600
 K = 9.0% D = 55.29% T = 20.90% (24 HOUR)
 DESIGN HOUR T = 10.45%
 DESIGN SPEED = 30 MPH

* MILLING AND RESURFACING OF EXISTING PAVEMENT AND SHOULDER EXTENDS FROM 41+00.00 TO 50+43.60 CL CONST. COMBEE RD. SEE NEXT SHEET FOR LOCATION REQUIRING OVERBUILD UTILIZING TYPE SP STRUCTURAL COURSE (TRAFFIC C) 0"-1.5"

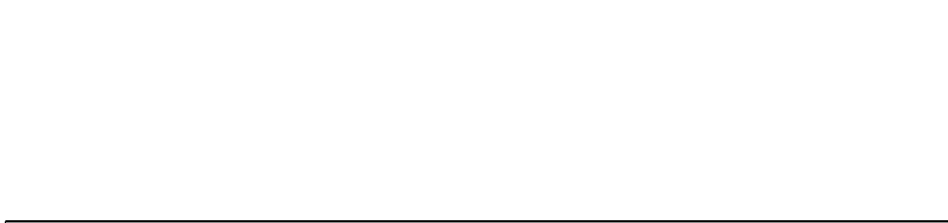
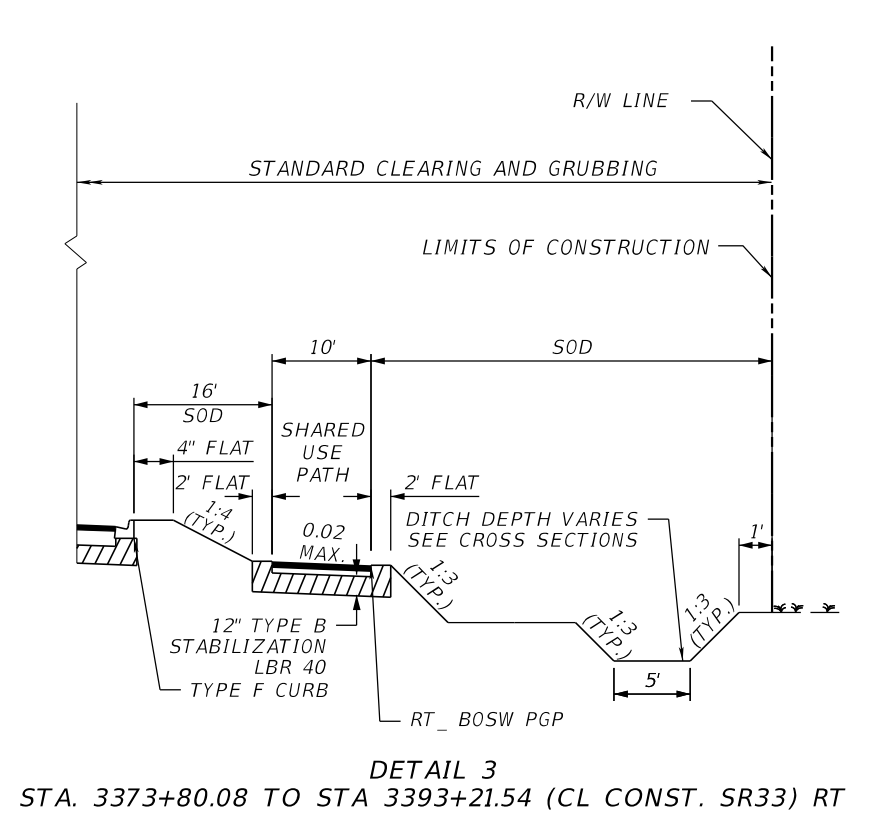
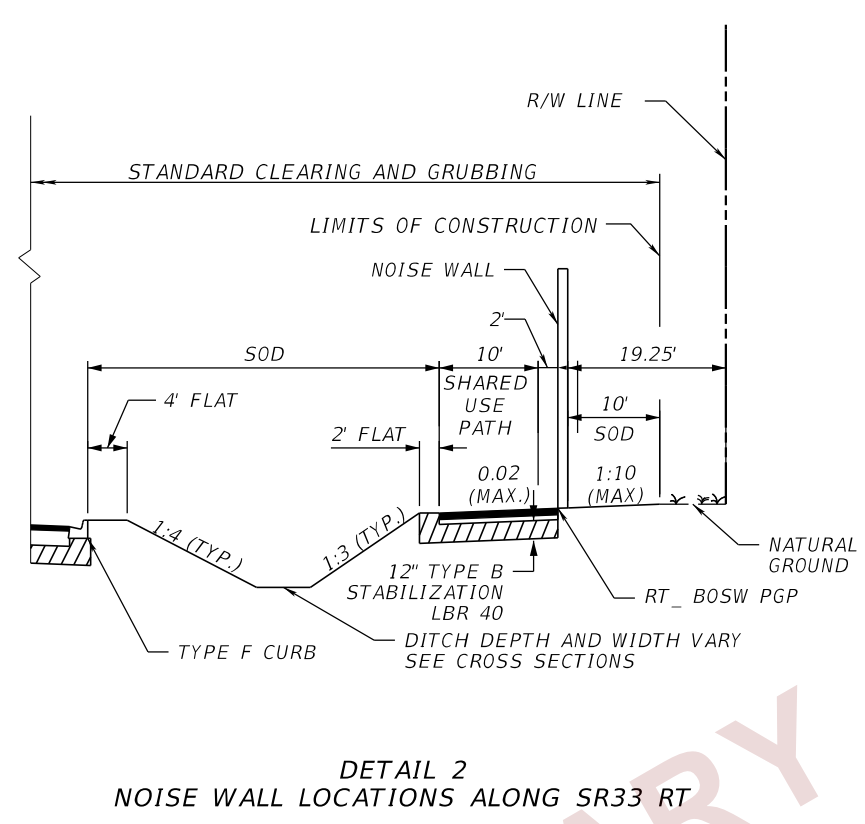
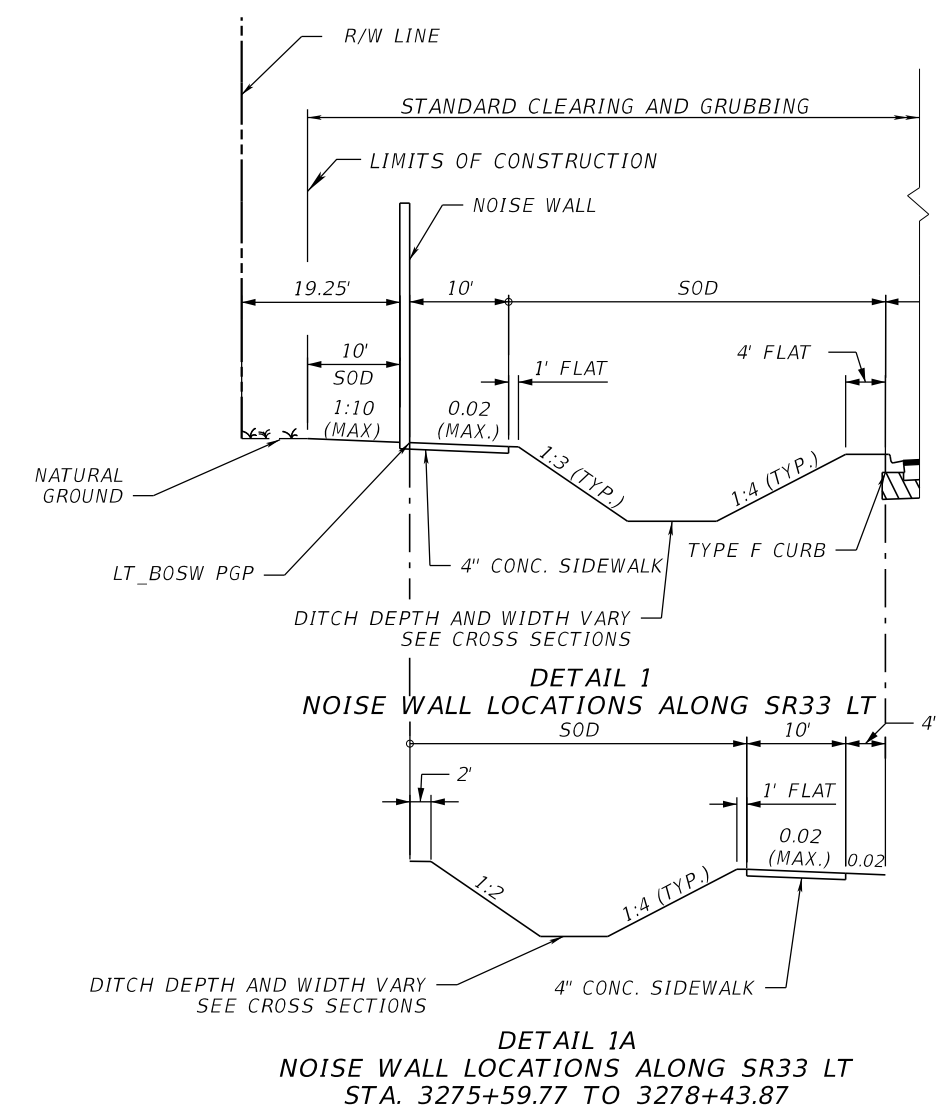


TYPICAL SECTION NO. 4
 SR 659 (COMBEE ROAD)
 STA. 50+43.60 TO STA. 54+05.19
 STA. 60+53.81 TO STA. 62+66.65
 CL CONST. SR 659 (COMBEE ROAD)

NOT TO SCALE

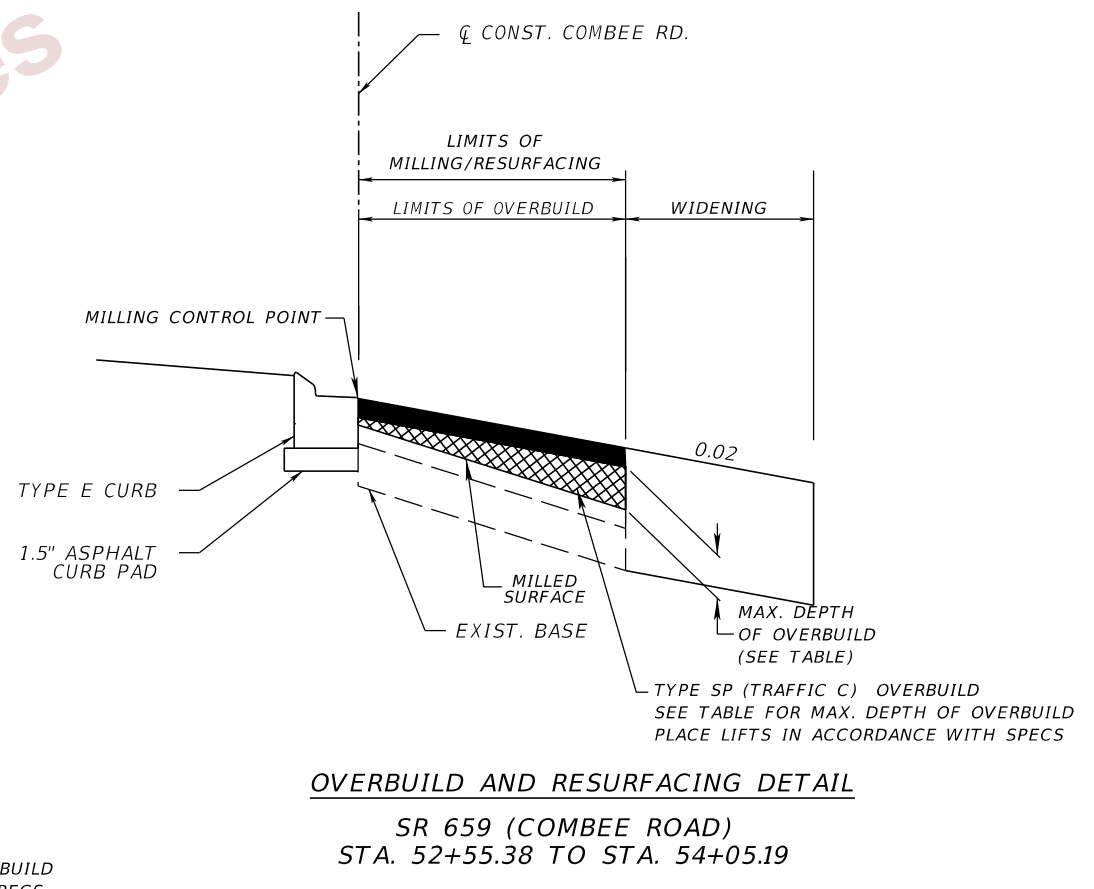
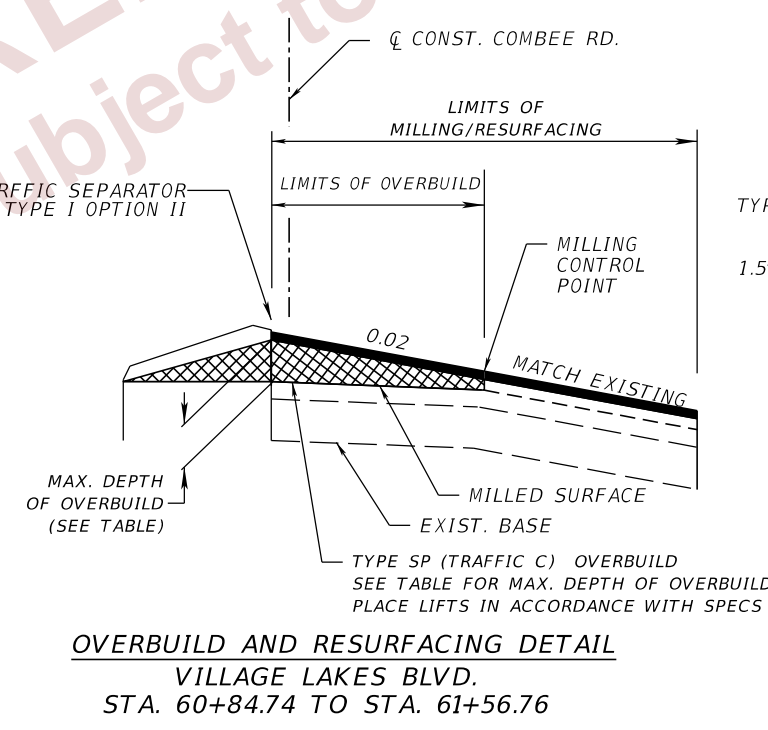
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	TYPICAL SECTIONS (4)		
									13

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OVERBUILD DETAILS							
LOCATION			EXIST. SLOPE (%)	PROPOSED SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
ROADWAY	STATION	LANE					
COMBEE RD.	52+55.38	RT	2.0				
COMBEE RD.	53+00.00	RT	2.5	2.0	0.8	13.45	0.45
COMBEE RD.	54+00.00	RT	2.5	2.0	0.65	10.8	0.36
COMBEE RD.	54+05.19	RT	2.5	2.0	0.65	10.6	0.35
VILLAGE LAKES BLVD.	60+84.74	RT	1.2	2.0	1.5	12.5	1.56
VILLAGE LAKES BLVD.	61+56.76	RT	-0.9				
VILLAGE LAKES BLVD.	60+84.74	TRAFFIC SEPERATOR			1.5	4	.25
VILLAGE LAKES BLVD.	61+56.76	TRAFFIC SEPERATOR	MATCH EXIST.				

PRELIMINARY
Subject to changes

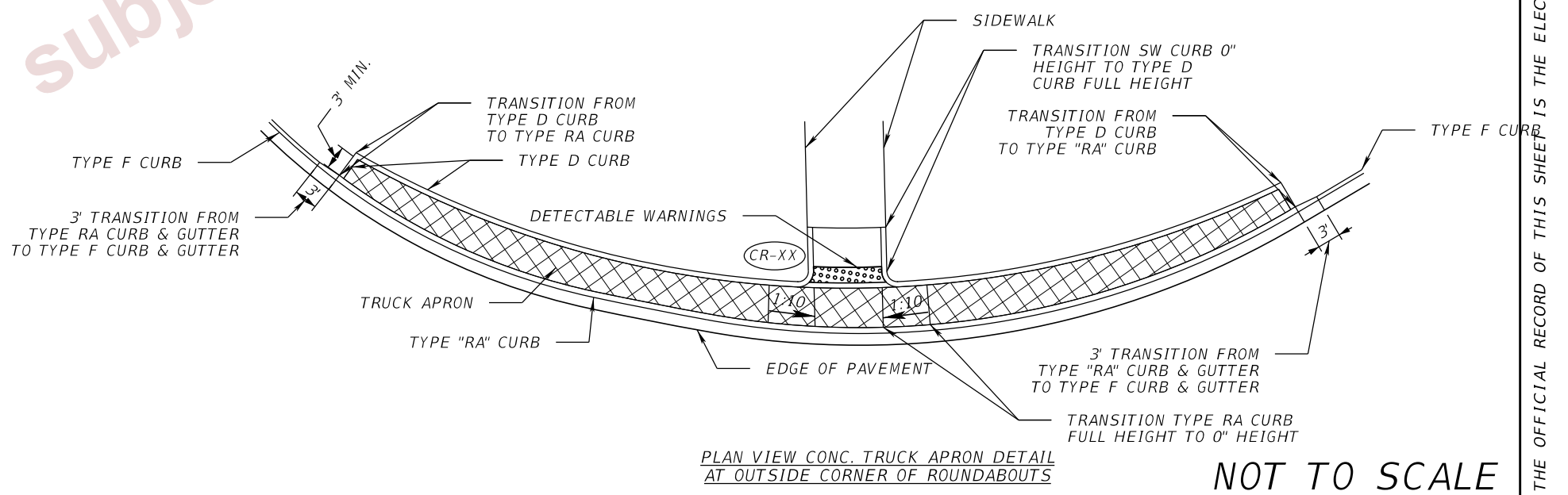
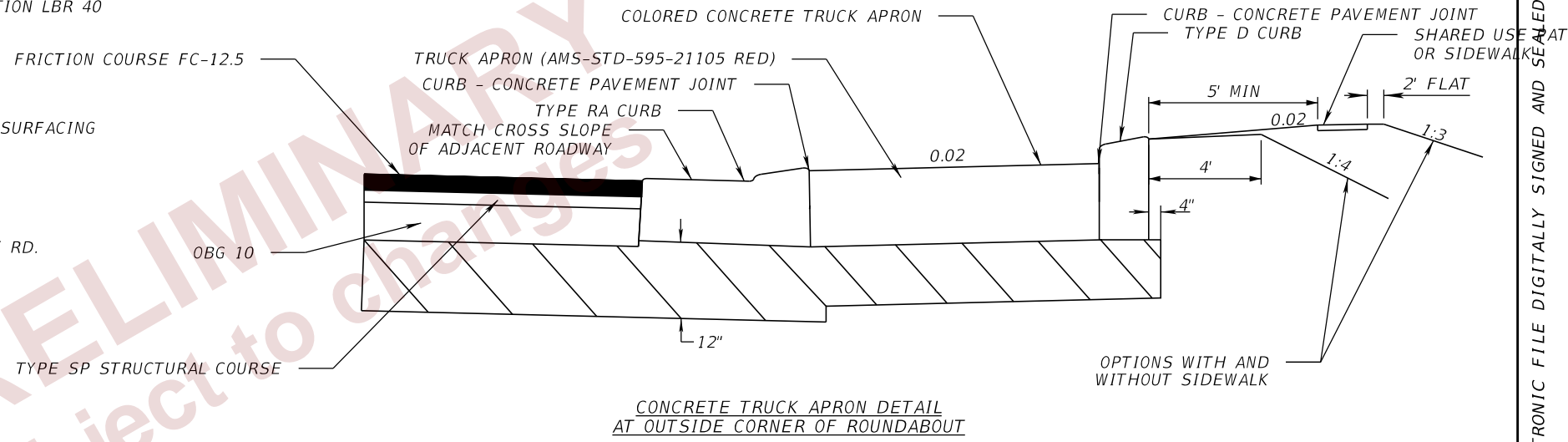
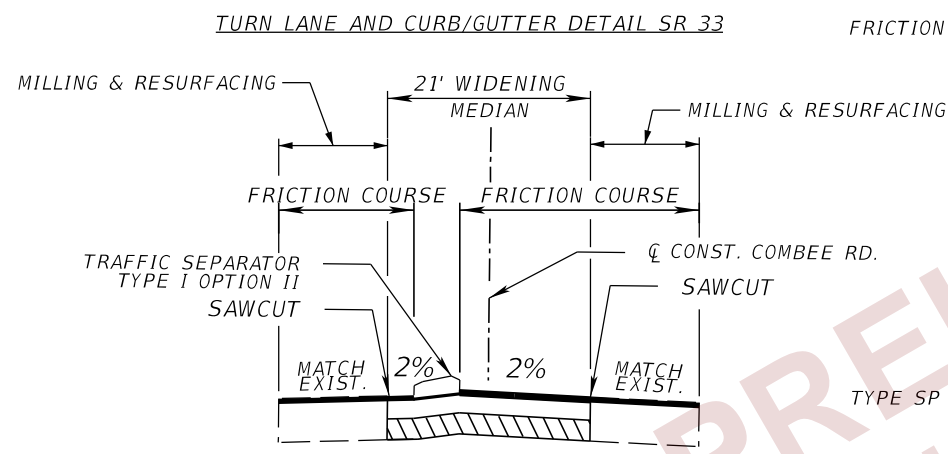
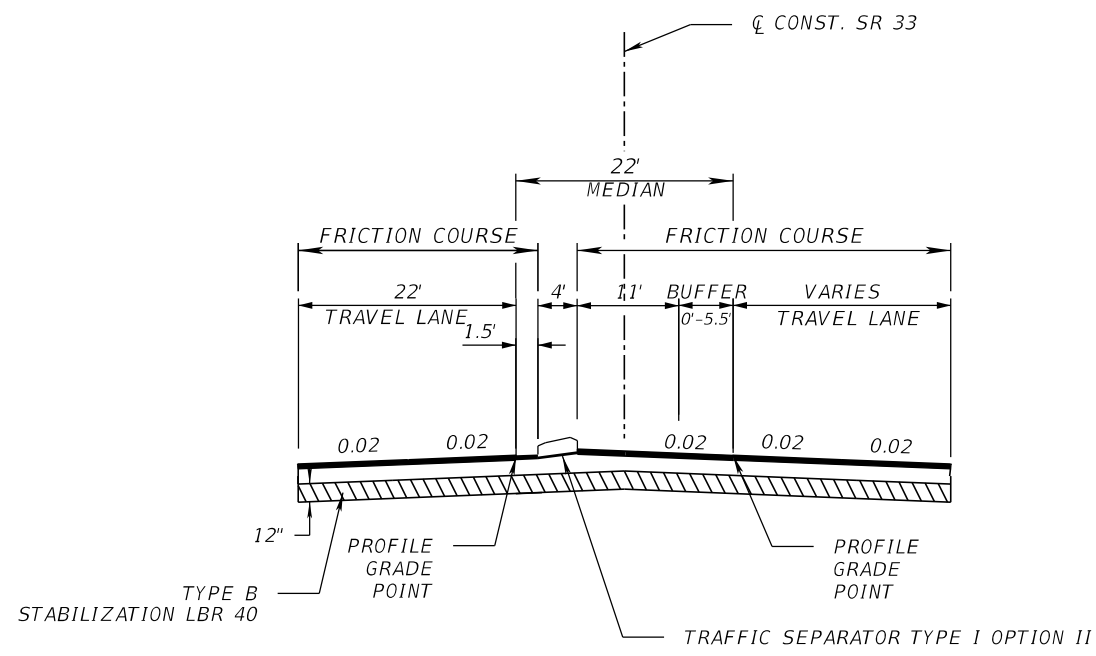
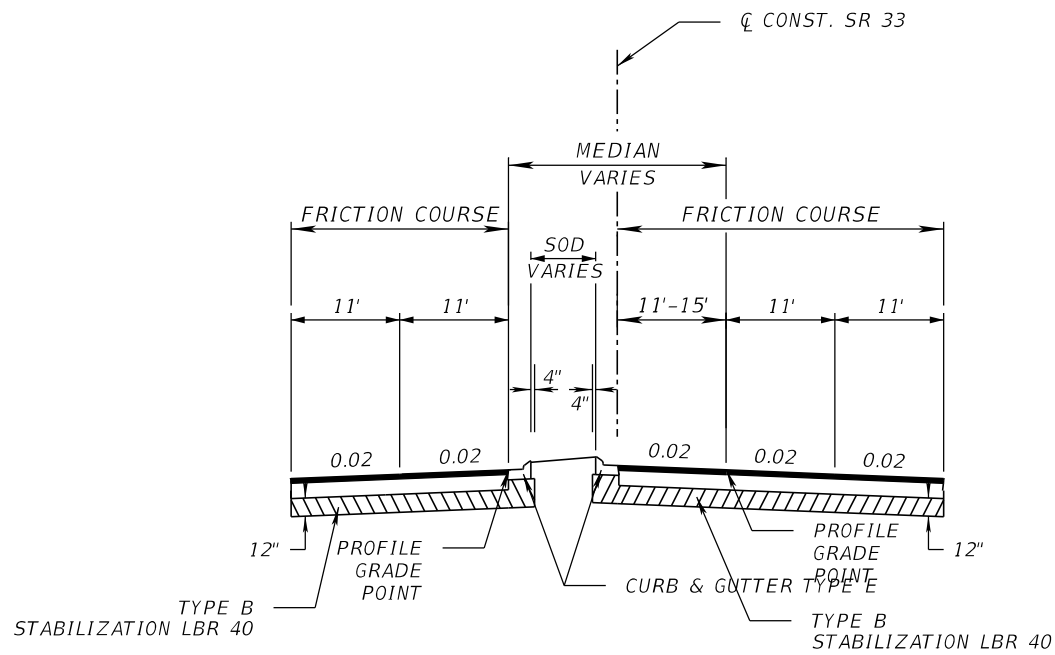


NOTE:
1. STATION LIMITS NOT PROVIDED FOR ALL THE TYPICAL SECTION DETAILS. SEE PLAN SHEETS FOR LOCATION.

NOT TO SCALE

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS DETAILS (01)
					SR 33	POLK	430185-4-52-01	
								14

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NOT TO SCALE

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS DETAILS (02)
					SR 33	POLK	430185-4-52-01	

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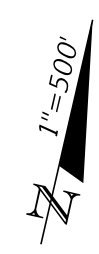
GENERAL NOTES

1. The Contractor may use any of the optional pipe materials tabulated for a given structure. Only the material options tabulated for a given structure can be used.
2. Adjustment to the bid quantities, prices and payment will not be allowed due to increase or decrease in structure size, shape, length, width, depth or accessory construction necessary to accommodate the use of an optional pipe material other than the "plotted" option; likewise there will be no added or reduced compensation for structure alterations required to relieve utility conflicts which arise from the use of an optional material other than the "plotted" option.
3. Adjustment to the bid quantities, prices and payment will not be allowed due to increased or decreased excavation, bedding, borrow, backfilling, compaction, special installation requirements or disposal of excess materials due to use of any of the pipe optional materials. Likewise, adjustment in the quantities, prices and payment will not be allowed due to differences in end treatment size or types, pipe length, alternate jointing and connecting materials, saddles, cradles, filter fabrics, shoring or similar features due to the use of an optional material other than the "plotted" option.
4. If adjustments are required due to plan errors or omissions or authorized field changes, the "plotted" material and not the material elected by the Contractor would be used to establish new pay quantities.
5. The Contractor shall notify the Department in writing as to which optional pipe material he chooses to use at the preconstruction conference. Once identified the contractor may not change pipe material selected without the approval of the Engineer.
6. Pipe shapes other than round (Elliptical/Arch) are summarized and paid for using equivalent round pipe diameter.

OPTIONAL MATERIALS TABULATION					
GROUP NUMBER	SIZE (S)	MATERIAL	PLOTTED	AS BUILT	REMARKS
Group 1	18	RCP, CLASS II	X		
		NRCP			
		SRAP, 14 GA			
		SRASP, 14 GA			
		HDPE, CLASS II			
		PP, CLASS II			
GROUP 2	24 - 42	RCP, CLASS II	X		
		NRCP			
		SRAP, 14 GA			
		SRASP, 14 GA			
		HDPE, CLASS II			
		PP, CLASS II			
GROUP 3	14X23, 19X30	ERCP, CLAS II	X		

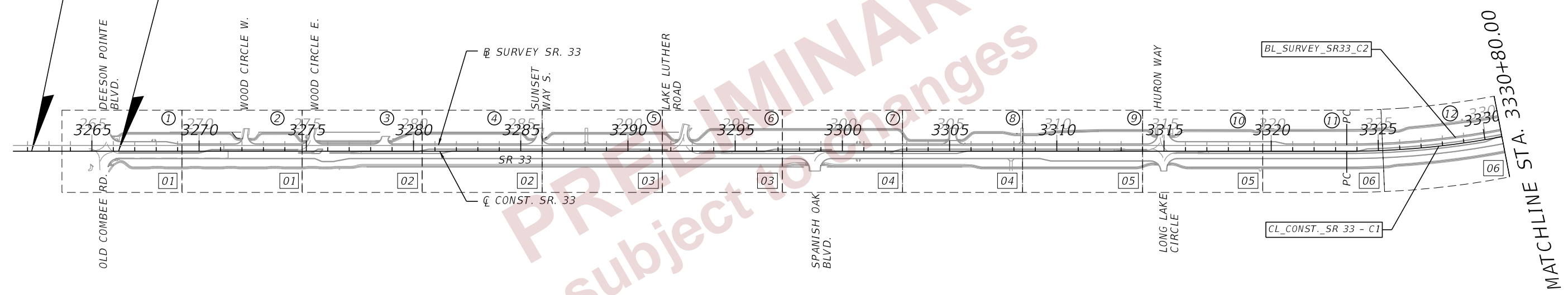
PRELIMINARY
subject to changes

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OPTIONAL MATERIALS TABULATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		16
							SR 33	POLK	430185-4-52-01		



BEGIN CONSTRUCTION
 STA. 3262+42.12 \bar{C} CONST. SR. 33 =
 STA. 262+42.12 \bar{B} SURVEY SR. 33

BEGIN PROJECT
 STA. 3266+24.65 \bar{C} CONST. SR. 33 =
 STA. 266+24.65, 27.75' (RT) \bar{B} SURVEY SR. 33



BL_SURVEY_SR33_C2

CL_CONST_SR 33 - C1

MATCHLINE STA. 3330+80.00

ROADWAY PLANS

ROADWAY PROFILES

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT (01)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		17

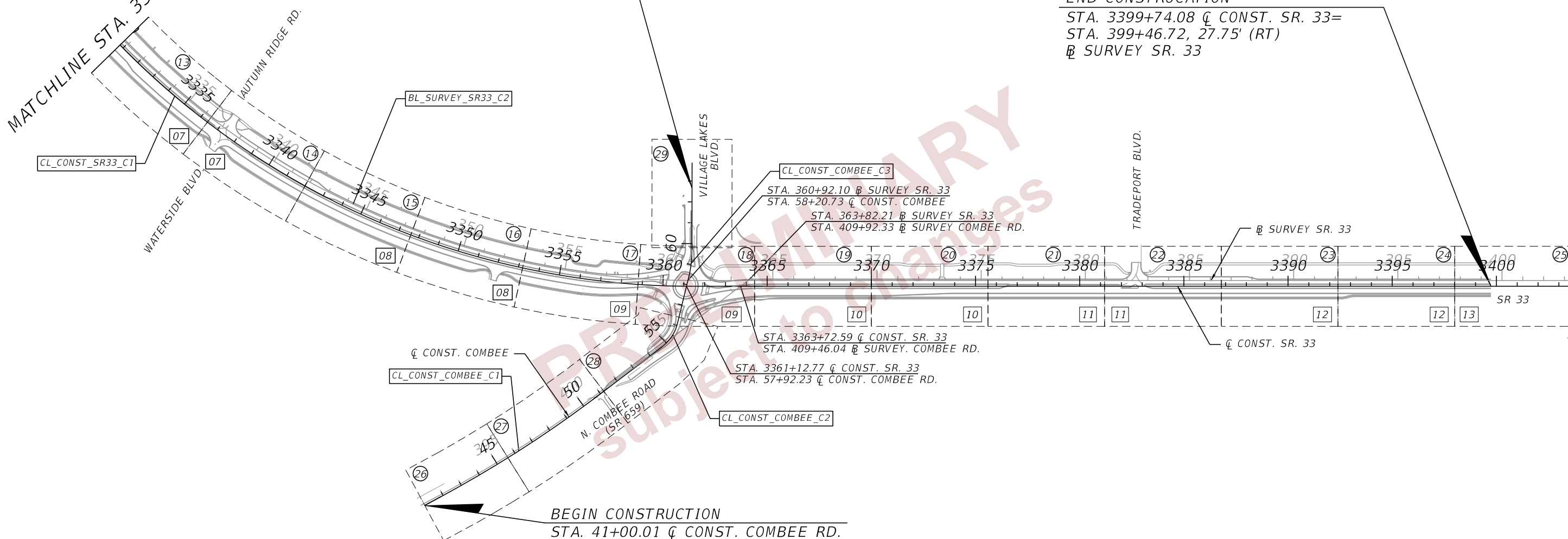
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1"=500'

MATCHLINE STA. 3330+80.00

END CONSTRUCTION
STA. 62+66.65 \bar{C} CONST. COMBEE RD.

END PROJECT
END CONSTRUCTION
STA. 3399+74.08 \bar{C} CONST. SR. 33=
STA. 399+46.72, 27.75' (RT)
 \bar{B} SURVEY SR. 33



\bar{C} CONST. COMBEE
CL_CONST_COMBEE_C1

STA. 3363+72.59 \bar{C} CONST. SR. 33
STA. 409+46.04 \bar{B} SURVEY. COMBEE RD.

STA. 3361+12.77 \bar{C} CONST. SR. 33
STA. 57+92.23 \bar{C} CONST. COMBEE RD.

BEGIN CONSTRUCTION
STA. 41+00.01 \bar{C} CONST. COMBEE RD.

ROADWAY PLANS \otimes
ROADWAY PROFILES \boxtimes

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT (02)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		18

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BLSUR-SR33					
COORDINATE DATA					
ALIGNMENT	CURVE NUMBER	CONTROL POINT	STATION	COORDINATES	
				NORTH	EAST
BL_Survey_SR33	C-1	PC	226+86.220	1370238.62	673963.51
BL_Survey_SR33	C-1	HPI	242+93.915	1371362.10	675113.51
BL_Survey_SR33	C-1	CC		1366140.22	677967.40
BL_Survey_SR33	C-1	PT	258+20.999	1371723.31	676680.10
BL_Survey_SR33	C2	PC	323+51.885	1373190.65	683044.01
BL_Survey_SR33	C-2	HPI	344+03.674	1373651.64	685043.34
BL_Survey_SR33	C-2	CC		1376912.71	682185.81
BL_Survey_SR33	C-2	PT	361+17.590	1375573.11	685762.92

BLSUR-SR33									
CURVE DATA									
CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH	RADIUS
C1	BL_Survey_SR33	226+86.220	242+93.915	258+20.999	31° 20 ' 53"	1° 0 ' 0"	1607.695	3134.779	5729.58
C2	BL_Survey_SR33	323+51.885	344+03.674	361+17.590	56° 29 ' 08"	1° 30 ' 0"	2051.789	3765.705	3819.72

BLSUR-COMBEE					
COORDINATE DATA					
ALIGNMENT	CURVE NUMBER	CONTROL POINT	STATION	COORDINATES	
				NORTH	EAST
BL_SURVEY_COMBEE_RD.		START	373+06.390	1372209.99	686554.05
BL_SURVEY_COMBEE_RD.	C-1	PC	391+89.731	1374076.17	686300.36
BL_SURVEY_COMBEE_RD.	C-1	HPI	396+21.108	1374503.62	686242.25
BL_SURVEY_COMBEE_RD.	C-1	CC		1373304.38	680622.99
BL_SURVEY_COMBEE_RD.	C-1	PT	400+50.861	1374917.54	686120.79

BLSUR-COMBEE									
CURVE DATA									
CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH	RADIUS
C1	BL_SURVEY_COMBEE_RD.	391+89.731	396+21.108	400+50.861	8° 36 ' 40"	1° 0 ' 0"	431.377	861.13	5729.58

PRELIMINARY
subject to changes

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>CURVE AND COORDINATE DATA (01)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		19
					SR 33	POLK	430185-4-52-01		

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CL_CONST_SR33					
COORDINATE DATA					
ALIGNMENT	CURVE NUMBER	CONTROL POINT	STATION	COORDINATES	
				NORTH	EAST
CL_CONST_SR33		START	3259+00.000	1371714.02	676763.31
CL_CONST_SR33	C-1	PC	3323+51.885	1373163.61	683050.25
CL_CONST_SR33	C-1	HPI	3344+18.580	1373627.95	685064.10
CL_CONST_SR33	C-1	CC		1376912.71	682185.81
CL_CONST_SR33	C-1	PT	3361+44.947	1375563.38	685788.91
CL_CONST_SR33		HPI	3399+73.997	1379149.23	687131.78

CL_CONST_SR33											
CURVE DATA											
CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	e	DESIGN SPEED
C1	CL_CONST_SR33	3323+51.885	3344+18.580	3361+44.947	56° 29 ' 08"	1° 29 ' 20"	2066.695	3793.063	3847.47	NC	45 mph

CL_CONST_COMBEE					
COORDINATE DATA					
ALIGNMENT	CURVE NUMBER	CONTROL POINT	STATION	COORDINATES	
				NORTH	EAST
CL_CONST_COMBEE		START	41+00.011	1373988.47	686321.36
CL_CONST_COMBEE	C-1	PC	41+89.039	1374076.69	686309.37
CL_CONST_COMBEE	C-1	HPI	46+41.464	1374524.99	686248.43
CL_CONST_COMBEE	C-1	CC		1373303.82	680624.08
CL_CONST_COMBEE	C-1	PT	50+92.021	1374958.20	686117.97
CL_CONST_COMBEE	C-2	PC	54+72.898	1375322.90	686008.15
CL_CONST_COMBEE	C-2	HPI	55+43.984	1375390.97	685987.65
CL_CONST_COMBEE	C-2	CC		1375265.23	685816.65
CL_CONST_COMBEE	C-2	PT	56+09.500	1375430.83	685928.80
CL_CONST_COMBEE	C-3	PC	58+44.267	1375562.47	685734.41
CL_CONST_COMBEE	C-3	HPI	59+03.421	1375595.64	685685.43
CL_CONST_COMBEE	C-3	CC		1375148.48	685454.04
CL_CONST_COMBEE	C-3	PT	59+62.027	1375616.47	685630.07

CL_CONST_COMBEE									
CURVE DATA									
CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH	RADIUS
C1	CL_CONST_COMBEE	41+89.039	46+41.464	50+92.021	9° 1 ' 2"	0° 59 ' 55"	452.425	902.982	5737.58
C2	CL_CONST_COMBEE	54+72.898	55+43.984	56+09.500	39° 8 ' 1"	28° 38 ' 52"	71.086	136.602	200
C3	CL_CONST_COMBEE	58+44.267	59+03.421	59+62.027	13° 29 ' 39"	11° 27 ' 33"	59.154	117.76	500

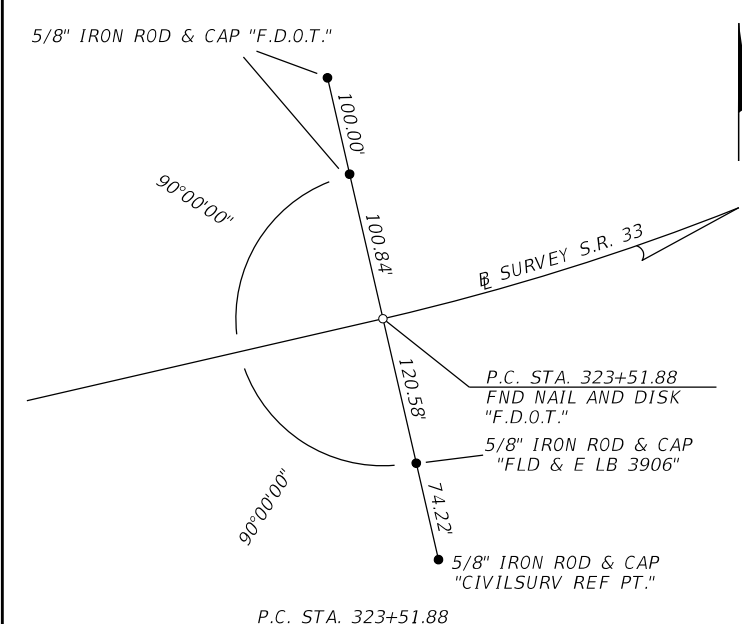
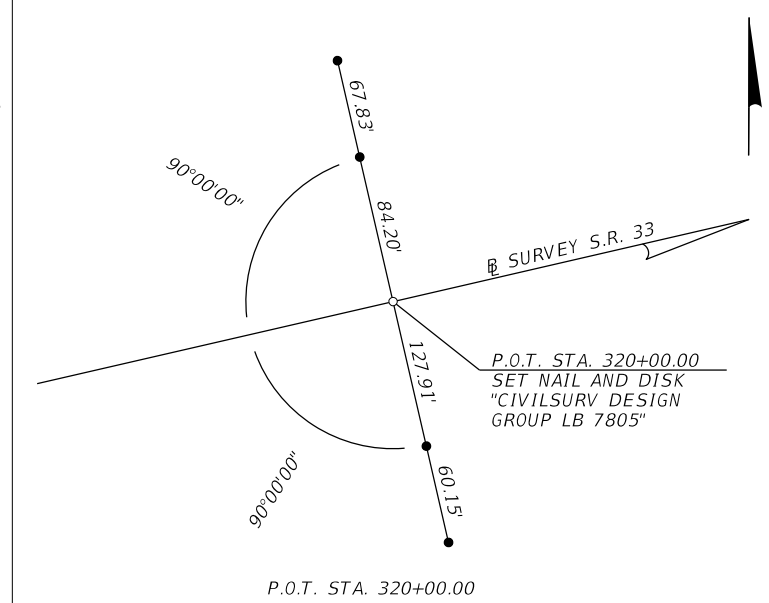
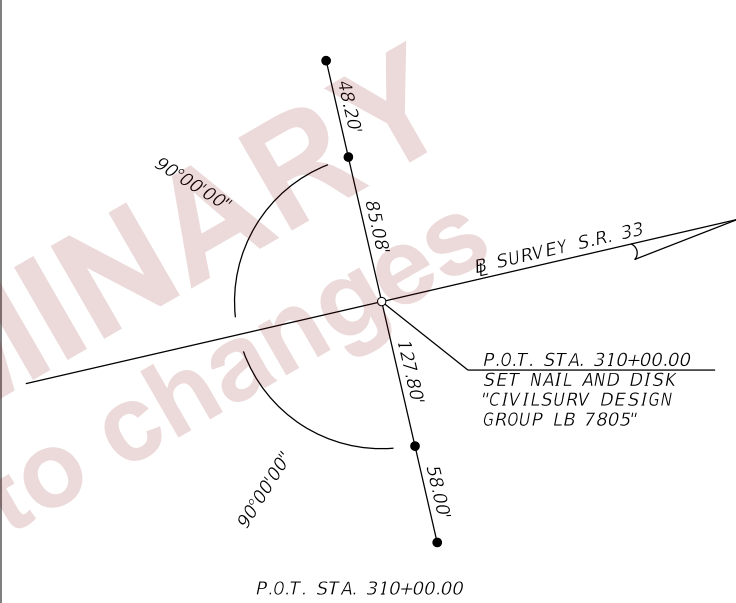
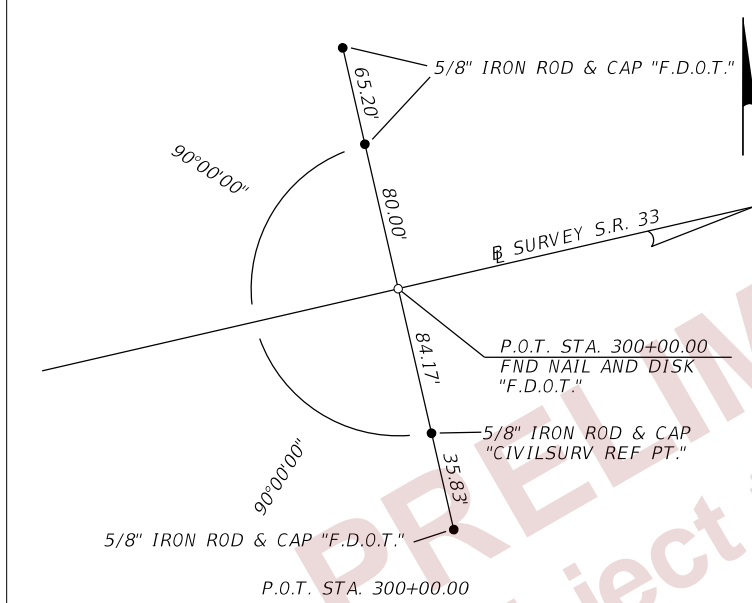
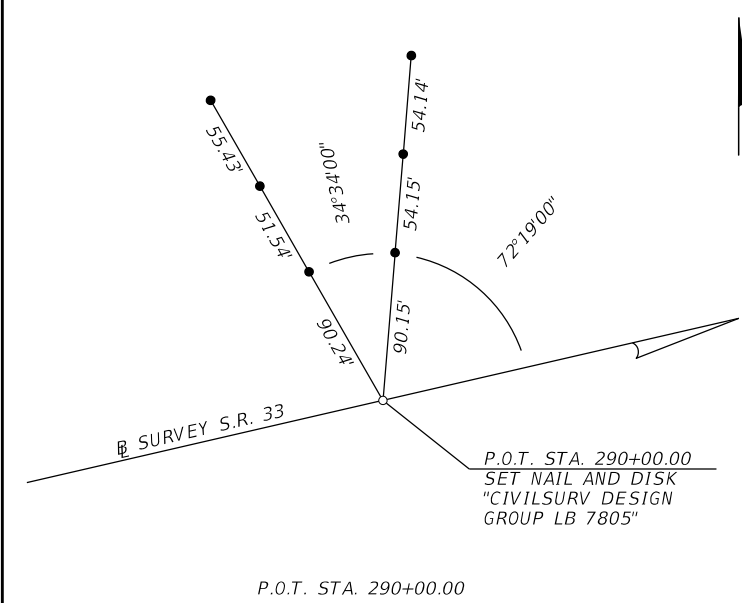
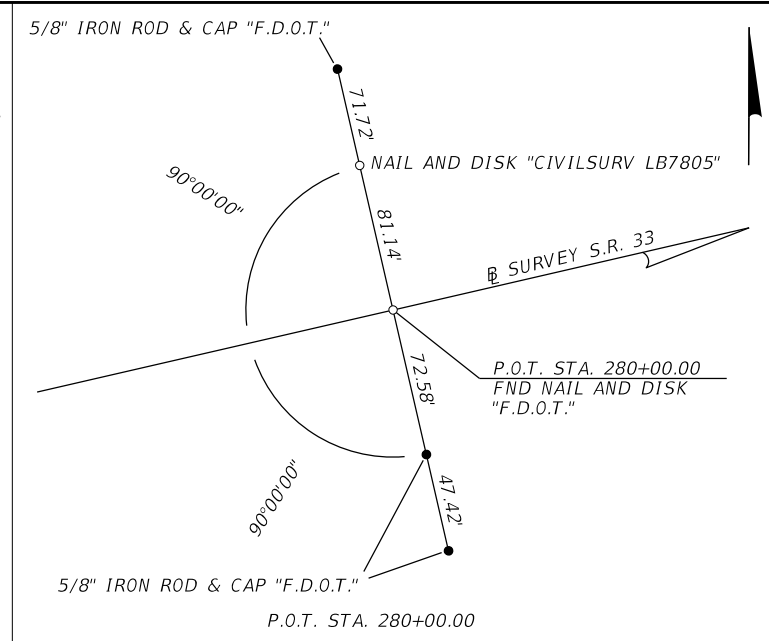
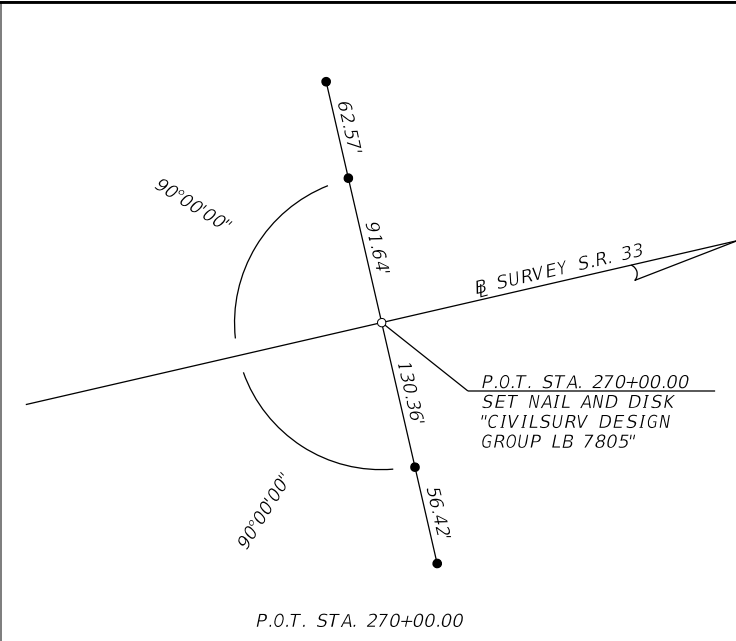
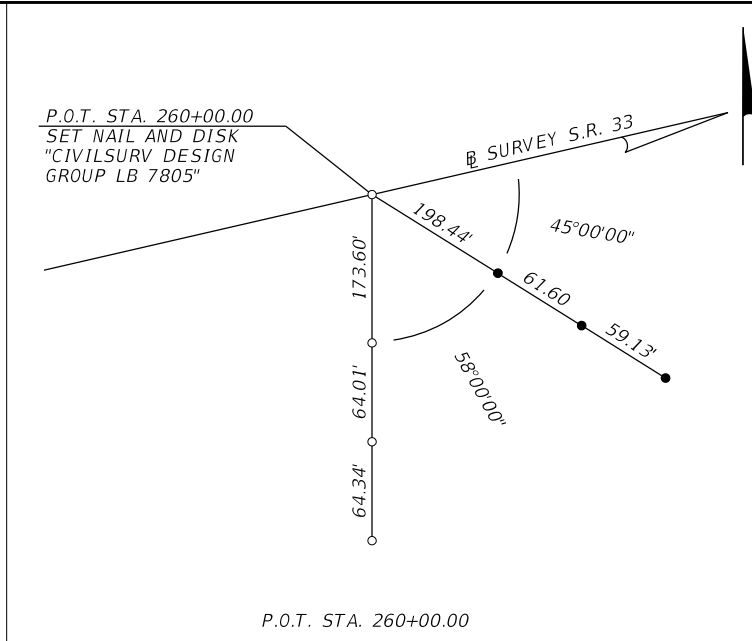
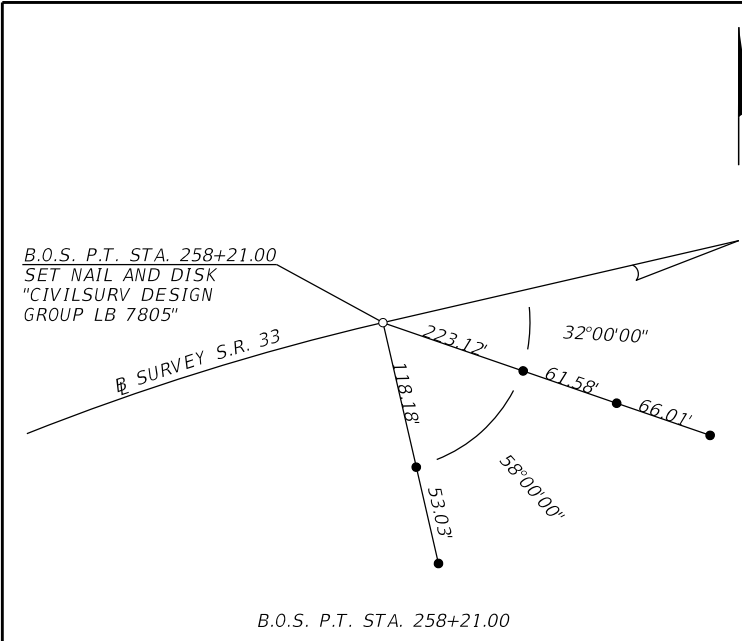
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 DEBANANDA PANIGRAHI, P.E.
 LICENSE NUMBER 68318
 H. W. LOCHNER
 4300 W. CYPRESS STREET, SUITE 500
 TAMPA, FLORIDA 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

**CURVE AND COORDINATE
DATA (02)**

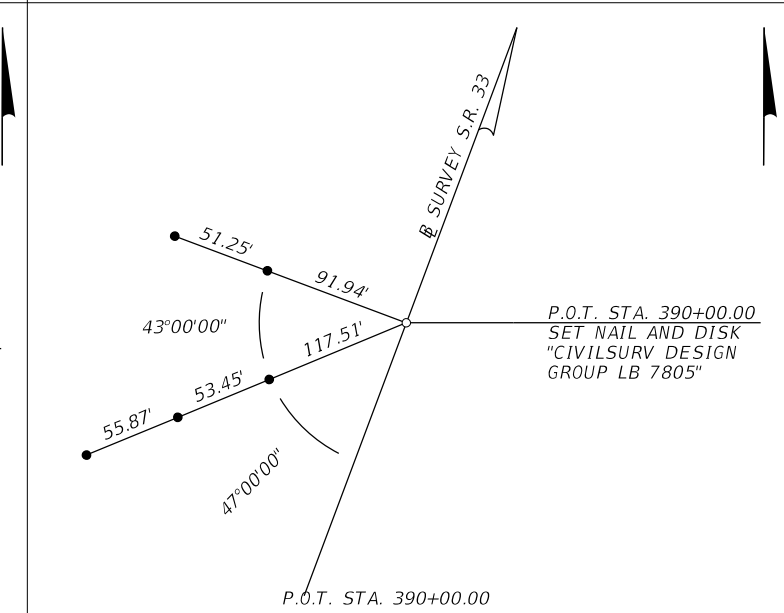
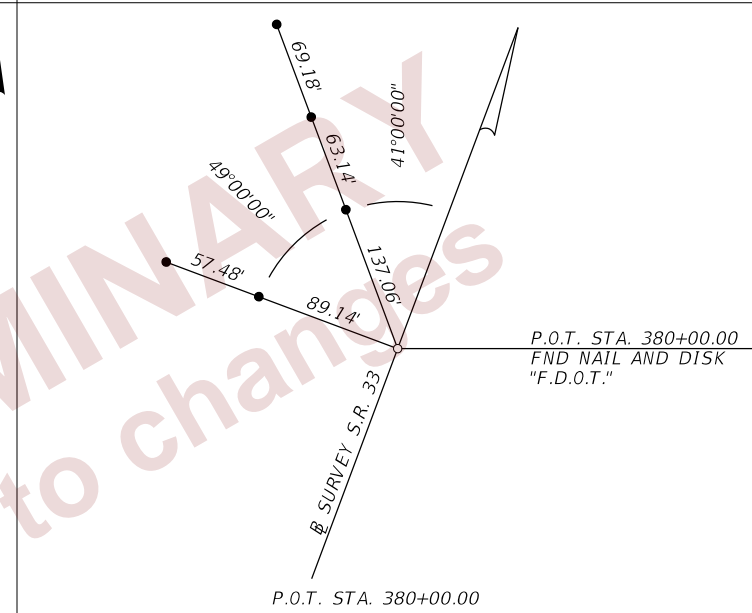
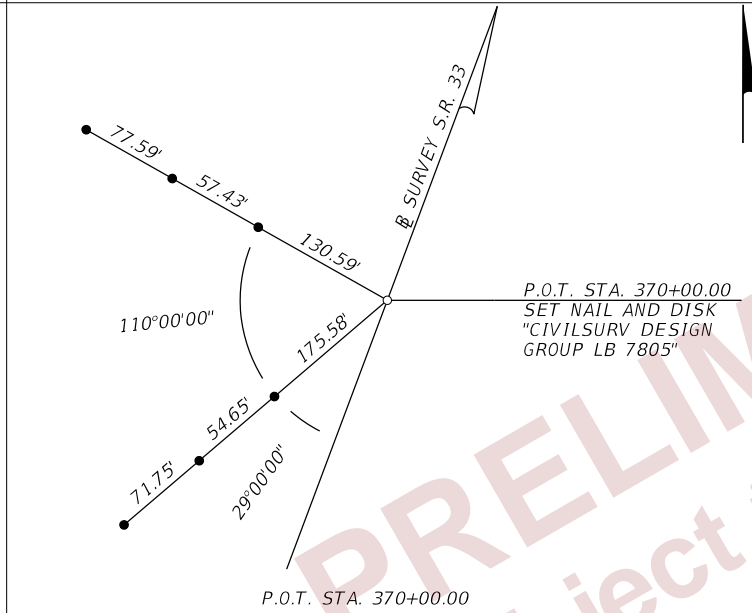
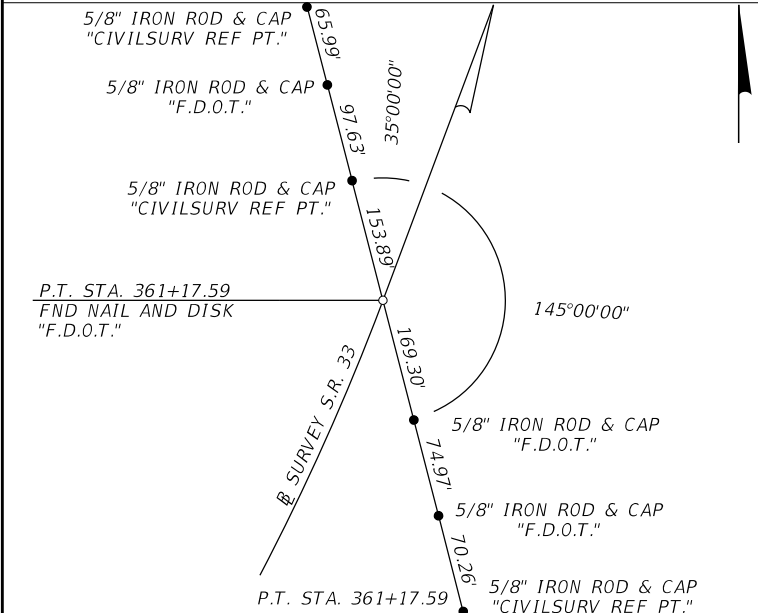
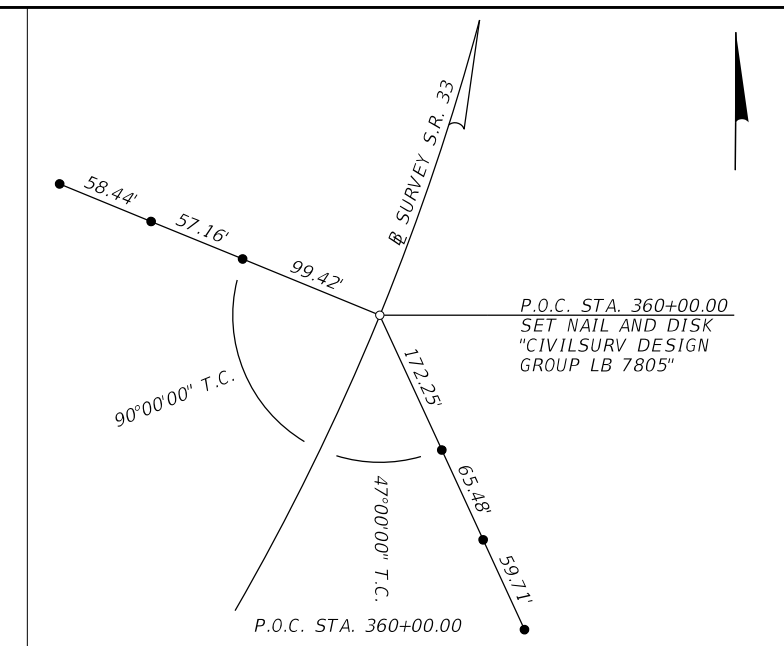
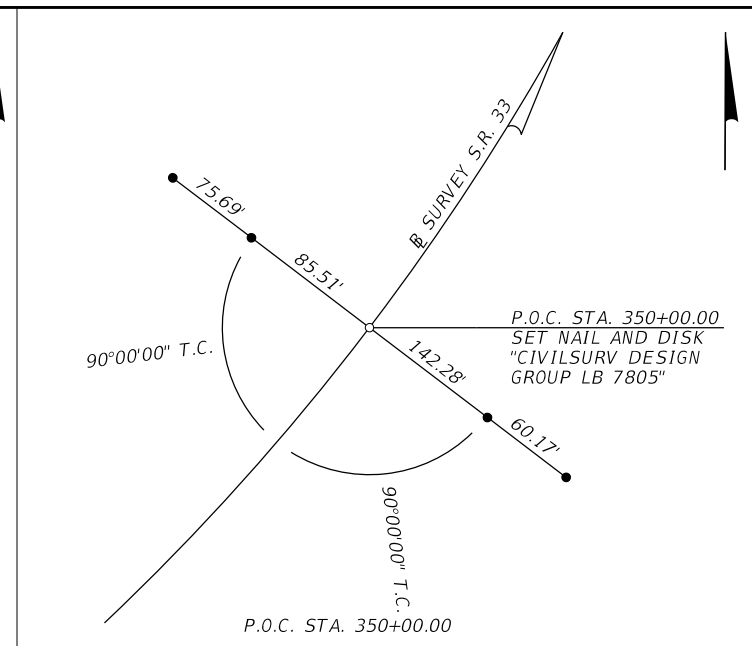
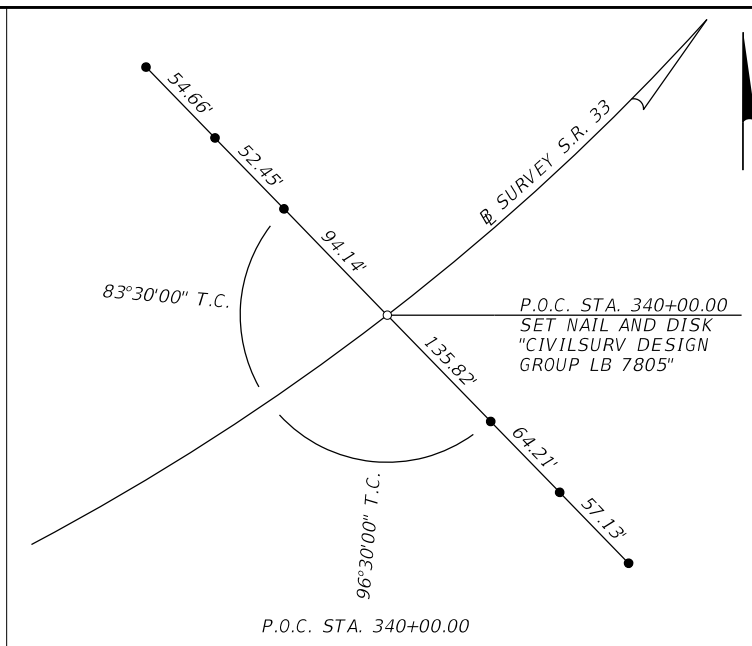
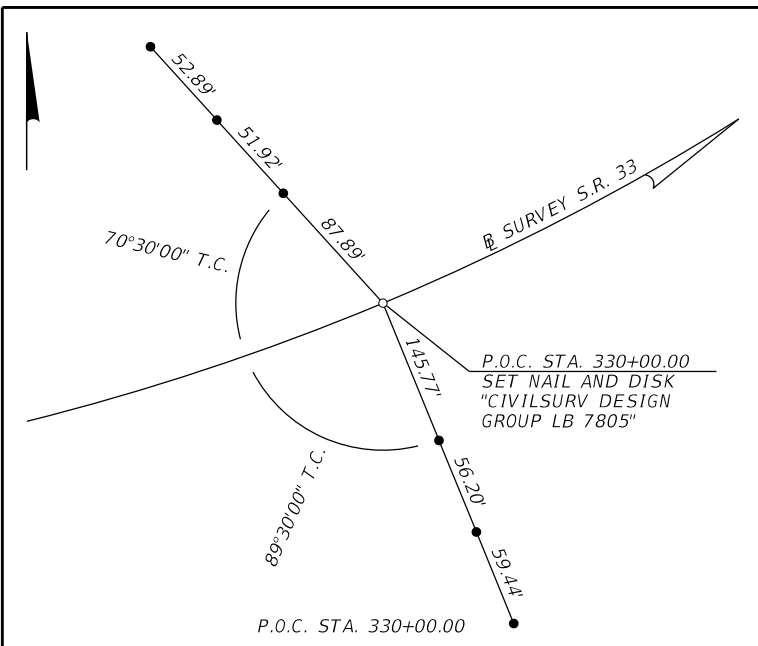
SHEET NO.
20



- LEGEND**
- = SET NAIL AND CIVILSURV DESIGN GROUP L.B. 7805 DISK (UNLESS OTHERWISE NOTED)
 - = SET 5/8" IRON ROD AND CIVILSURV REFERENCE CAP (UNLESS OTHERWISE NOTED)
 - L.B. = LICENSED BUSINESS
 - FND = FOUND
 - P.C. = POINT OF CURVE
 - P.I. = POINT OF INTERSECTION
 - P.T. = POINT OF TANGENT
 - P.O.T. = POINT ON TANGENT
 - P.O.C. = POINT ON CURVE
 - STA. = STATION
 - T.C. = TANGENT CURVE

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	PROJECT NETWORK CONTROL (01) 21

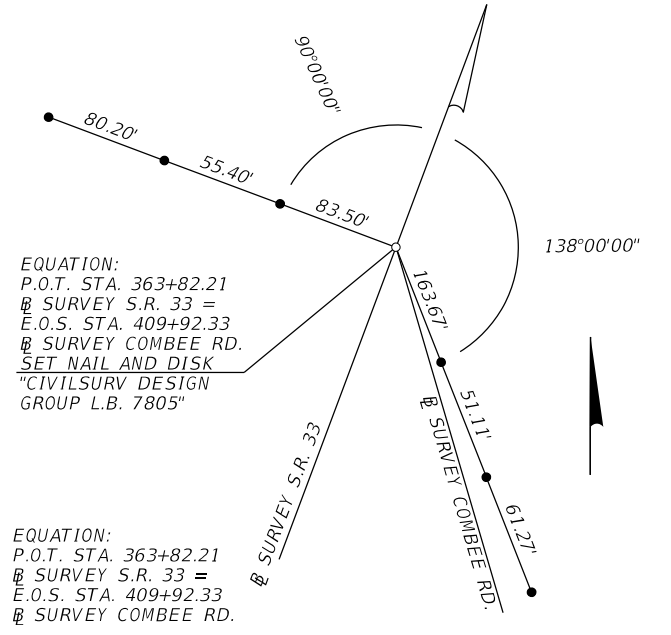
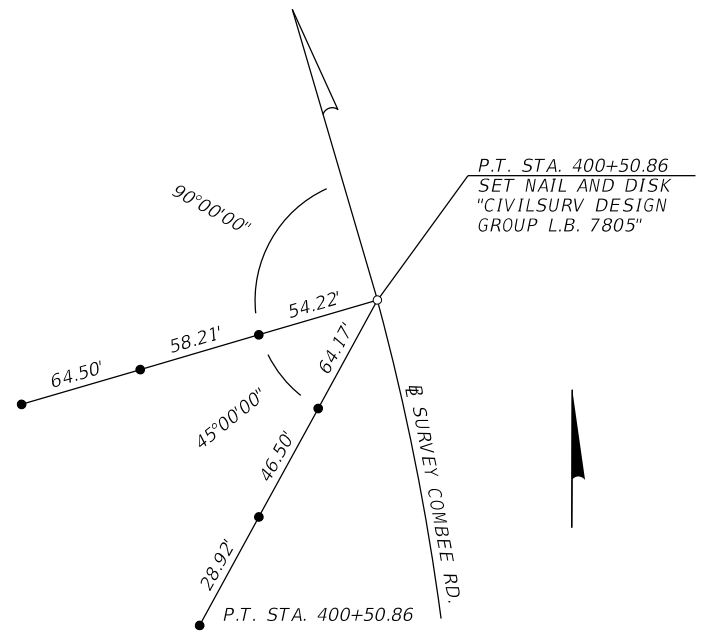
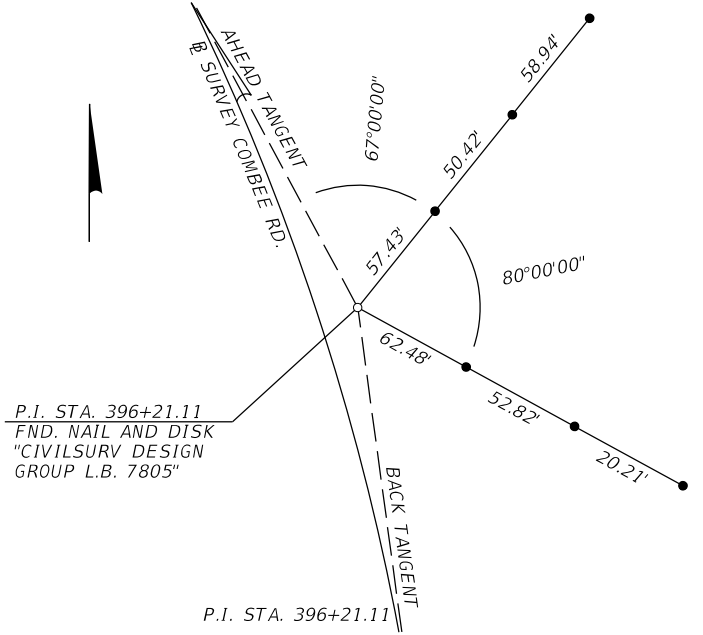
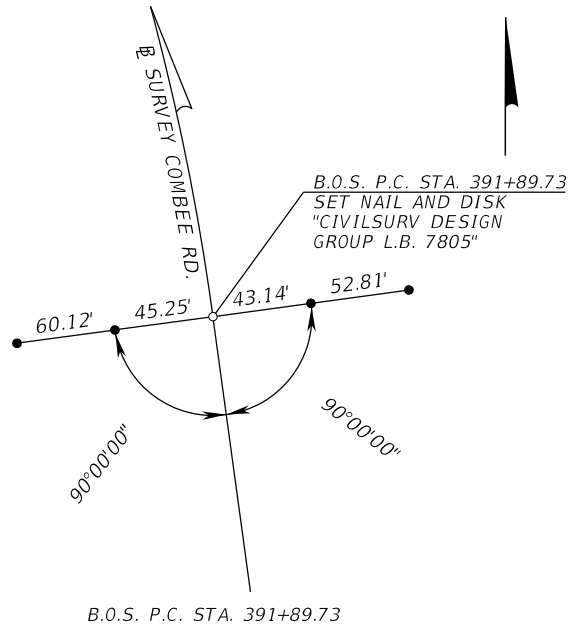
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND**
- = SET NAIL AND CIVILSURV DESIGN GROUP L.B. 7805 DISK (UNLESS OTHERWISE NOTED)
 - = SET 5/8" IRON ROD AND CIVILSURV REFERENCE CAP (UNLESS OTHERWISE NOTED)
 - L.B. = LICENSED BUSINESS
 - FND = FOUND
 - P.C. = POINT OF CURVE
 - P.I. = POINT OF INTERSECTION
 - P.T. = POINT OF TANGENT
 - P.O.T. = POINT ON TANGENT
 - P.O.C. = POINT ON CURVE
 - STA. = STATION
 - T.C. = TANGENT CURVE

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NETWORK CONTROL (02)	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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



PRELIMINARY
 subject to changes

- LEGEND**
- = SET NAIL AND CIVILSURV DESIGN GROUP L.B. 7805 DISK (UNLESS OTHERWISE NOTED)
 - = SET 5/8" IRON ROD AND CIVILSURV REFERENCE CAP (UNLESS OTHERWISE NOTED)
 - L.B. = LICENSED BUSINESS
 - FND = FOUND
 - P.C. = POINT OF CURVE
 - P.I. = POINT OF INTERSECTION
 - P.T. = POINT OF TANGENT
 - P.O.T. = POINT ON TANGENT
 - P.O.C. = POINT ON CURVE
 - STA. = STATION
 - T.C. = TANGENT CURVE

COMBEE RD.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NETWORK CONTROL (03)	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

BENCHMARKS

NAME	PROJECT VERTICAL CONTROL						DESCRIPTION
	(NAD 83 / 2011)		(NAVD88)	SURVEY #	STATION	OFFSET	
	NORTHING (Y)	EASTING (X)	ELEVATION				
BM 27 RESET	1371842.27	677769.99	142.702	SR 33	269+10	129.0 RT.	SET 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 27 RESET"
BM 28	1372198.00	678514.00	145.747	SR 33	277+15	50.5 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 28"
BM 29	1372307.00	679427.00	141.933	SR 33	286+29	48.4 RT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 29"
BM 30	1372611.00	680255.00	142.594	SR 33	295+04	61.8 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 30"
BM 31	1372822.00	681112.00	140.329	SR 33	303+86	74.9 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 31"
BM 32	1372995.00	681957.00	142.404	SR 33	312+49	53.6 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 32"
BM 33	1373205.00	682811.00	147.329	SR 33	321+28	66.3 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 33"
BM 34	1373418.00	683562.00	139.277	SR 33	329+19	63.8 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 34"
BM 35	1373772.00	684248.00	137.758	SR 33	337+06	62.5 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 35"
BM 36	1374276.00	684861.00	137.514	SR 33	345+14	63.5 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 36"
BM 37	1374926.03	685365.28	135.173	SR 33	353+53	70.6 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 37"
BM 38 RESET	1375725.96	685713.68	137.103	SR 33	362+43	99.7 LT.	SET 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 38 RESET"
BM 39	1376312.42	685968.92	136.468	SR 33	368+82	66.4 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 39"
BM 40	1377075.84	686251.89	135.720	SR 33	376+96	69.1 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 40"
BM 41 RESET	1377859.34	686512.47	137.550	SR 33	385+21	99.9 LT.	SET 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 41 RESET"
BM 42 RESET	1378586.81	686798.97	134.377	SR 33	393+03	86.7 LT.	SET 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 42 RESET"

PRELIMINARY
Subject to change

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NETWORK CONTROL (04)	SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

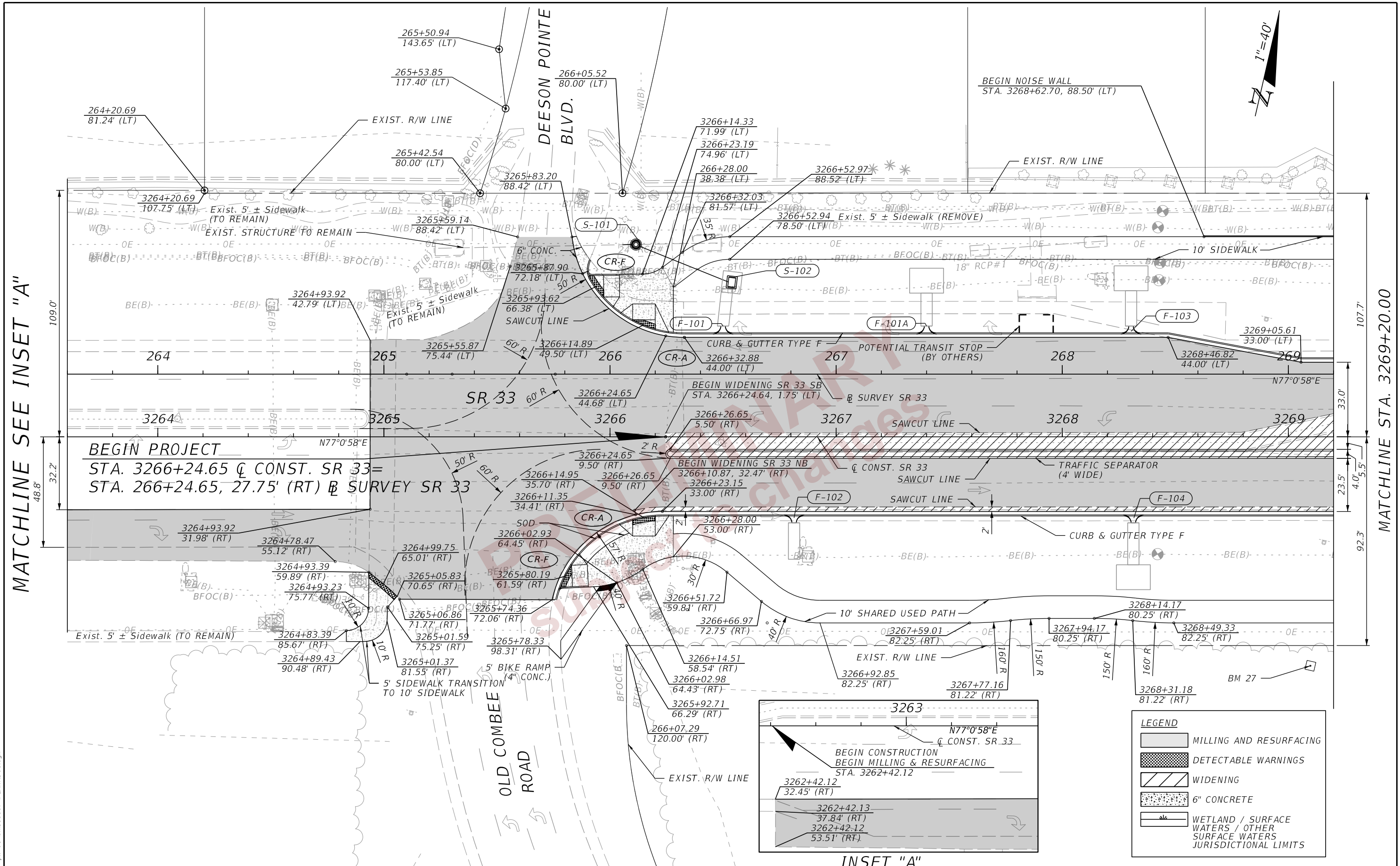
GENERAL NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
2. CONTACT PROPERTY OWNERS TWO WEEKS PRIOR TO CLEARING AND GRUBBING EXISTING SPRINKLER SYSTEMS, SIGNS, OR LANDSCAPING TO BE REMOVED WITHIN THE PROJECT LIMITS.
3. REPORT ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE PROJECT ENGINEER IS TO NOTIFY THE DCIC OF THE DISCOVERY. THE DCIC WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. DO NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVED TO DO SO BY THE PROJECT ENGINEER, WHO WILL BE ADVISED BY THE DCIC
4. ALL EXISTING DRAINAGE PIPES AND STRUCTURES WITHIN R/W TO BE REMOVED UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR THE INSTALLATION AND OPERATION OF DEWATERING AND/OR GROUND WATER CONTROL SYSTEMS, INCLUDING BUT NOT LIMITED TO ACQUISITION OF A WATER USE PERMIT FROM THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT.
6. ALL TYPE F CURB END TREATMENTS SHALL BE FLARED UNLESS NOTED OTHERWISE IN THE PLANS OR UNLESS PROPOSED CURB IS MATCHING EXISTING CURB. CONSTRUCT TRANSITION FROM PROPOSED CURB AND GUTTER TO EXISTING CURB AND/OR GUTTER BASED ON FIELD CONDITIONS
7. 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 RECORD IS:
CHRISTOPHER J. BOSSHART, P.S.M.
P.S.M. NO.: 7150
MCKIM & CREED, INC.
3903 NORTHDALÉ BOULEVARD, SUITE 115E
TAMPA, FLORIDA 33624
CERTIFICATE OF AUTHORIZATION: 7917T
8. ALL DRIVEWAYS (EXCEPT ONES PAID FOR AS 6" CONCRETE) TO BE ASPHALT UNLESS NOTED OTHERWISE IN THE PLANS.
9. FOLLOWING NON-STANDARD ABBREVIATIONS HAVE BEEN USED IN THE PLANS:
BOSW: BACK OF SIDEWALK
10. ALL CURB CUT RAMPS ALONG SHARED USE PATH AND 10' SIDEWALK TO BE 10' WIDE.
11. ALL PROPOSED TRAFFIC SEPARATORS ON THIS PROJECT TO BE TYPE 1 OPTION II UNLESS NOTED OTHERWISE IN THE PLANS.
12. FLARED DRIVEWAYS DESIGNATED AS "G-8 MOD" TO FOLLOW THE SAME FLARE GEOMETRY AS G-8 DRIVEWAYS SHOWN IN STANDARD PLANS INDEX 522-003, WITH THE EXCEPTION IS THAT THE 4' MIN. WIDTH AT MAXIMUM GRADE OF 0.02 IS NOT REQUIRED AT 10' FROM BACK OF CURB.

PRELIMINARY
subject to changes

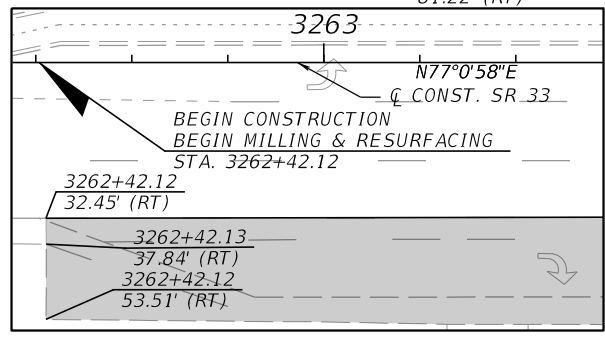
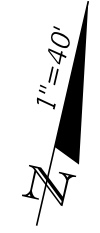
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>GENERAL NOTES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		25
						SR 33	POLK	430185-4-52-01		

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MATCHLINE SEE INSET "A"

MATCHLINE STA. 3269+20.00



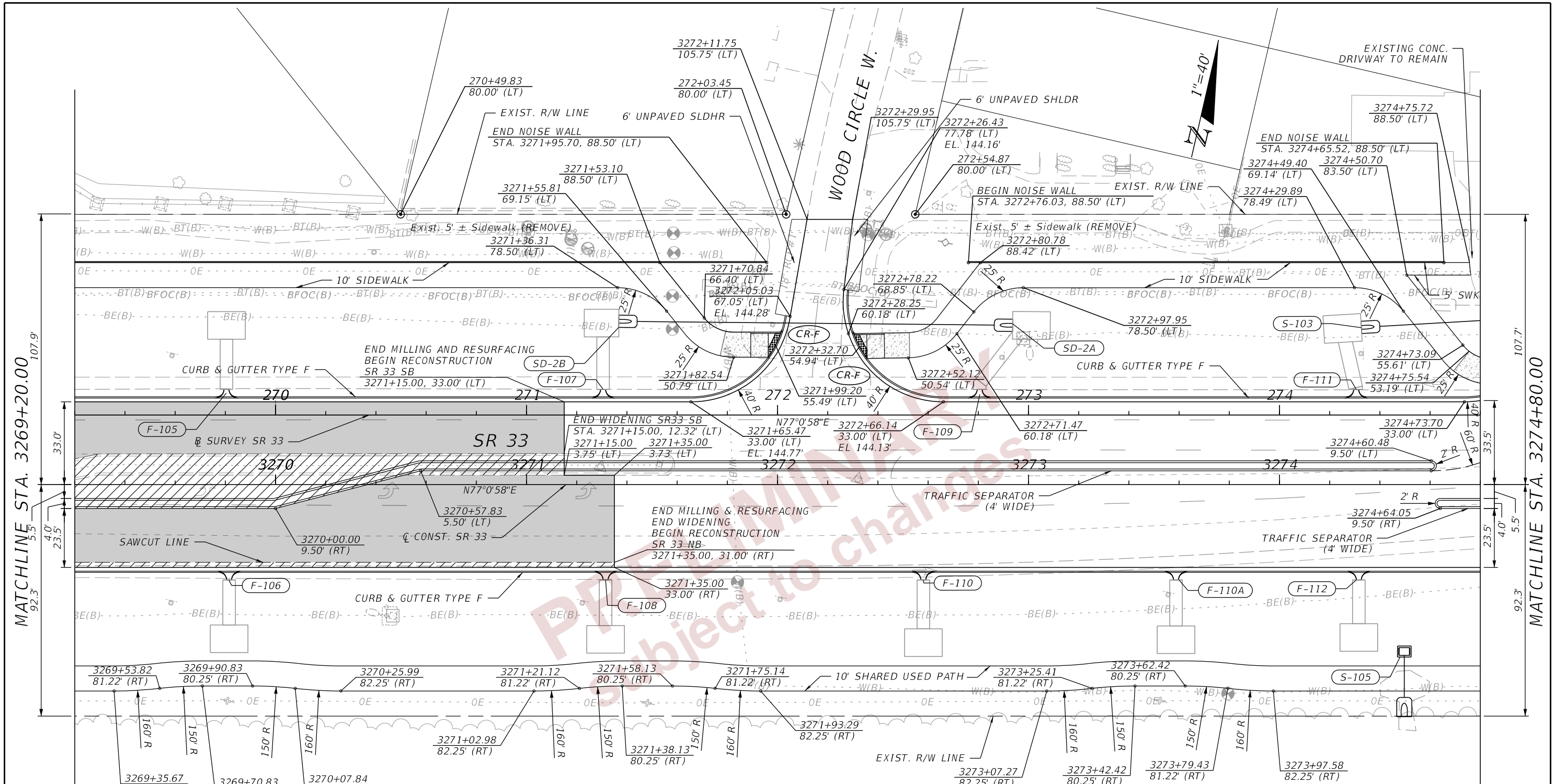
LEGEND	
	MILLING AND RESURFACING
	DETECTABLE WARNINGS
	WIDENING
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

ROADWAY PLANS (01)

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LEGEND

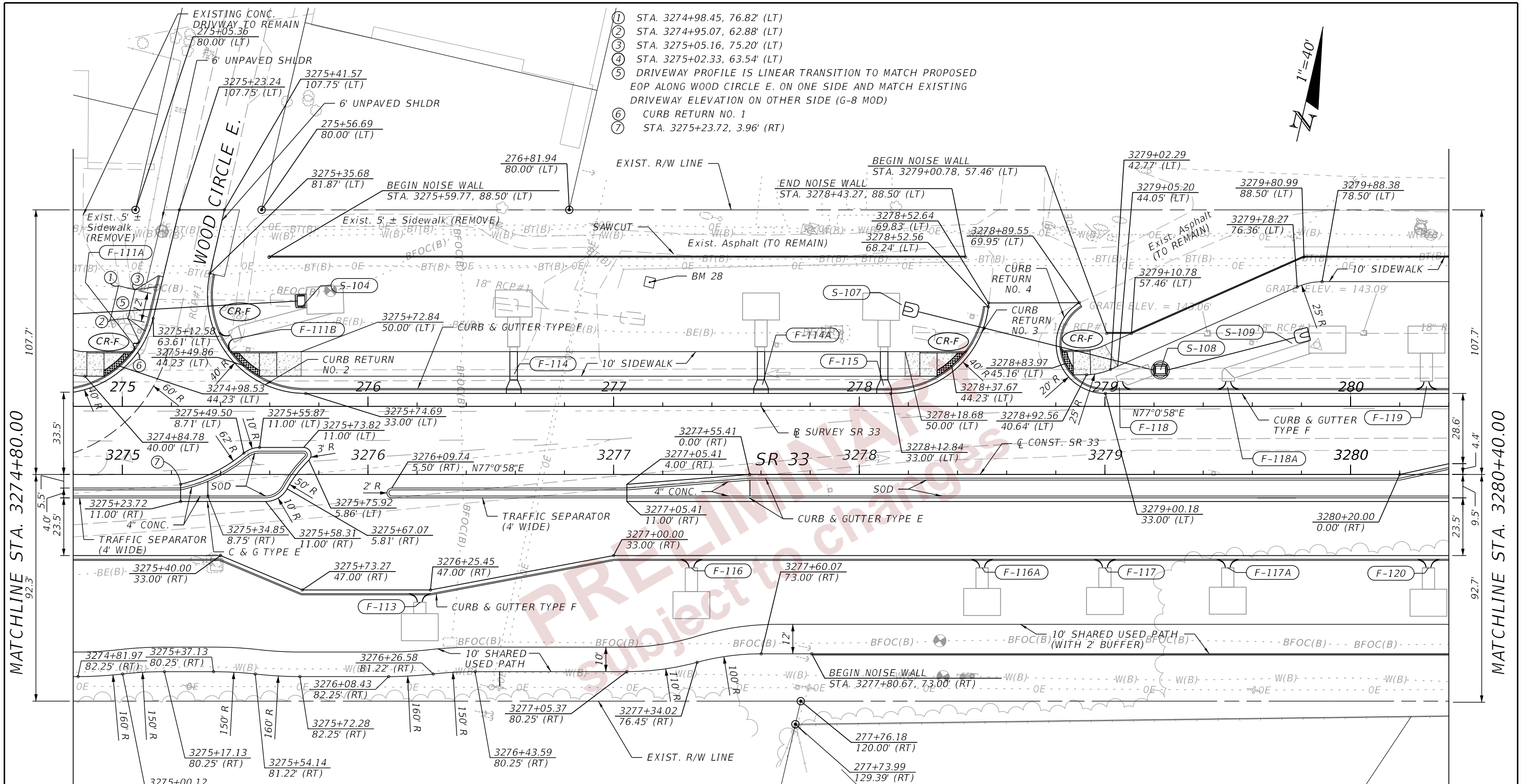
- MILLING AND RESURFACING
- DETECTABLE WARNINGS
- WIDENING
- 6" CONCRETE
- WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	
ROADWAY PLANS (02)									27

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- ① STA. 3274+98.45, 76.82' (LT)
- ② STA. 3274+95.07, 62.88' (LT)
- ③ STA. 3275+05.16, 75.20' (LT)
- ④ STA. 3275+02.33, 63.54' (LT)
- ⑤ DRIVEWAY PROFILE IS LINEAR TRANSITION TO MATCH PROPOSED EOP ALONG WOOD CIRCLE E. ON ONE SIDE AND MATCH EXISTING DRIVEWAY ELEVATION ON OTHER SIDE (G-8 MOD)
- ⑥ CURB RETURN NO. 1
- ⑦ STA. 3275+23.72, 3.96' (RT)



LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

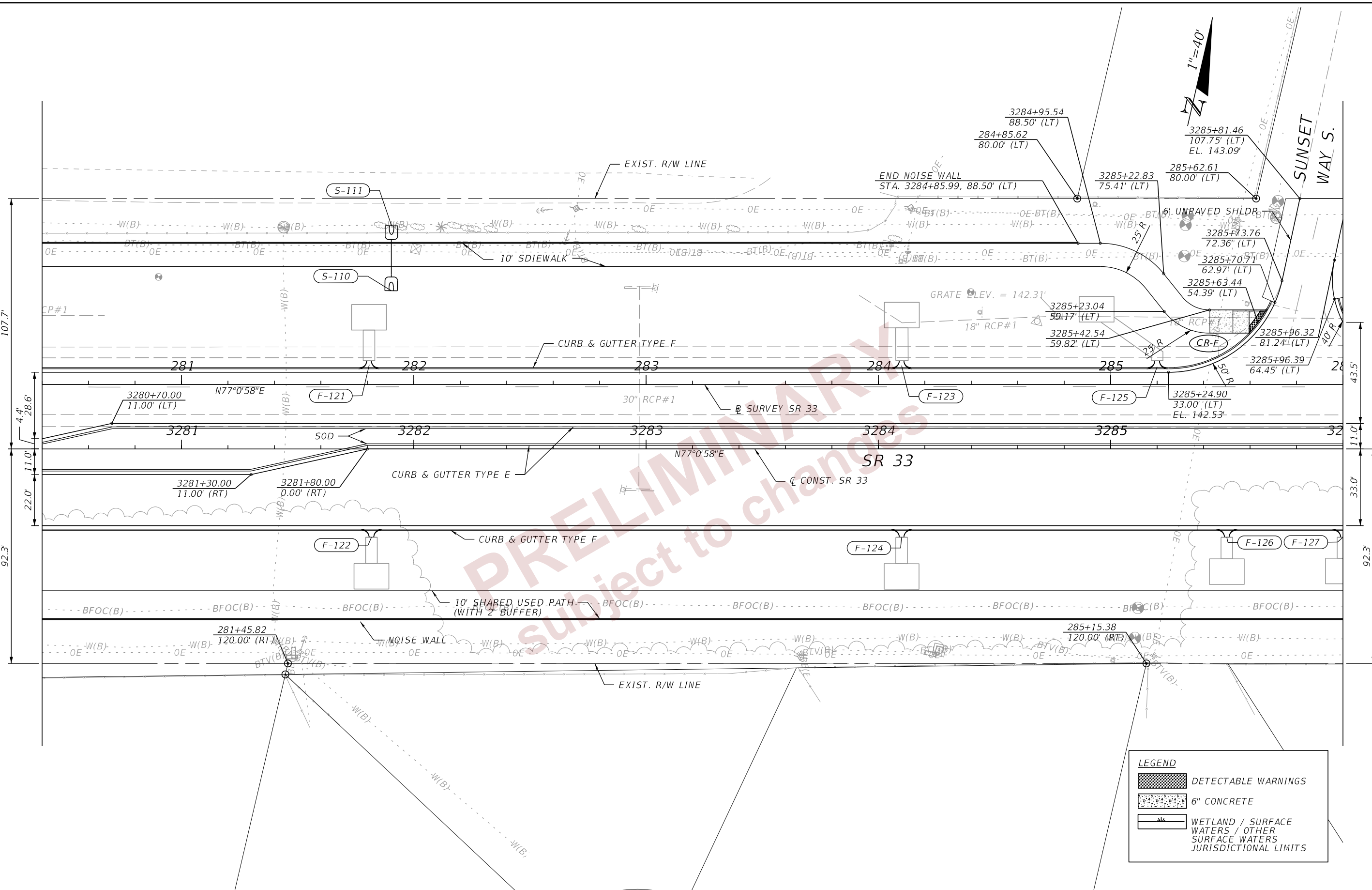
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	28
ROADWAY PLANS (03)								

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
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MATCHLINE STA. 3280+40.00

MATCHLINE STA. 3286+00.00



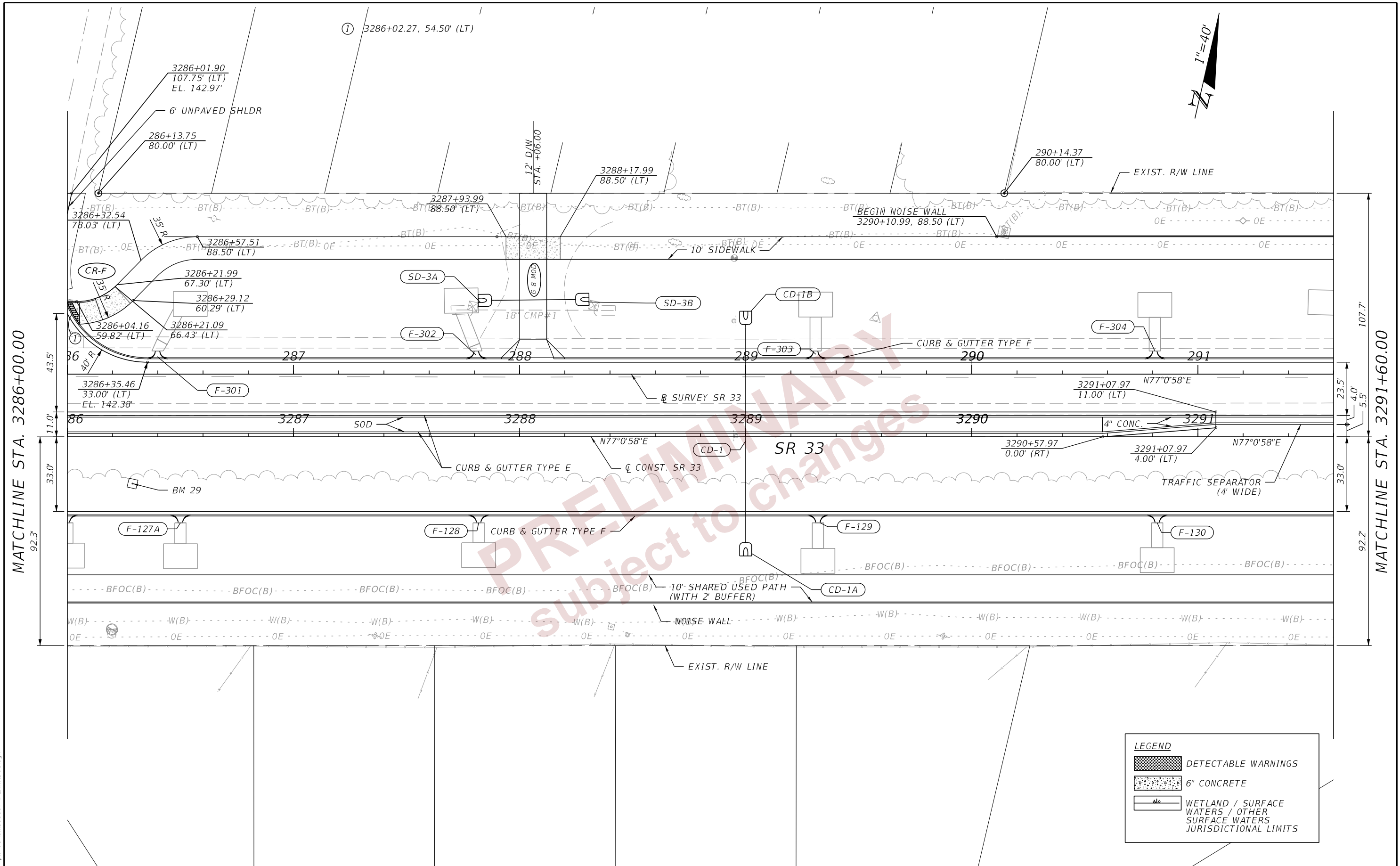
LEGEND

-  DETECTABLE WARNINGS
-  6" CONCRETE
-  WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (04)	SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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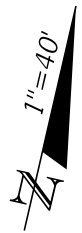
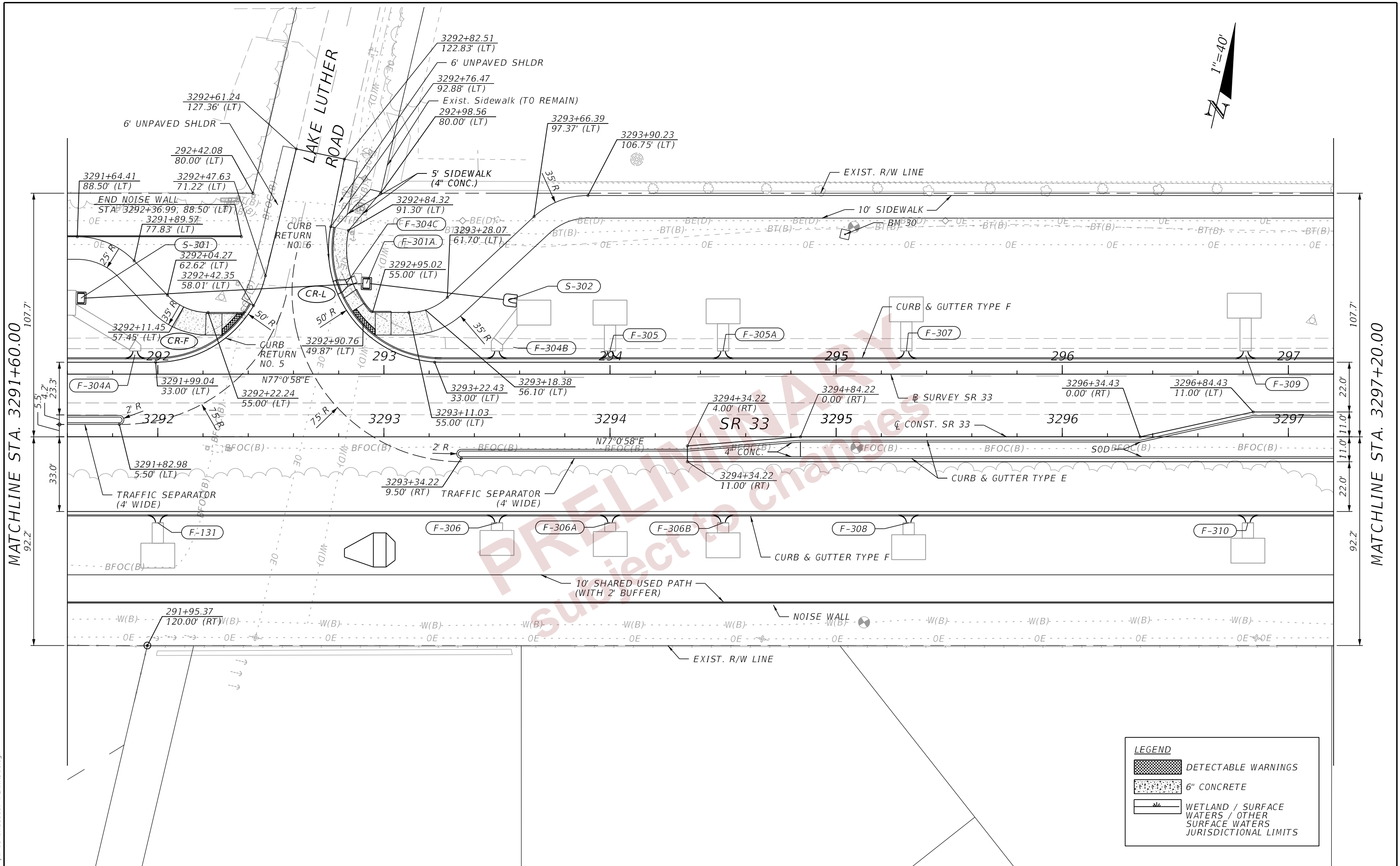


LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	ROADWAY PLANS (05) 30

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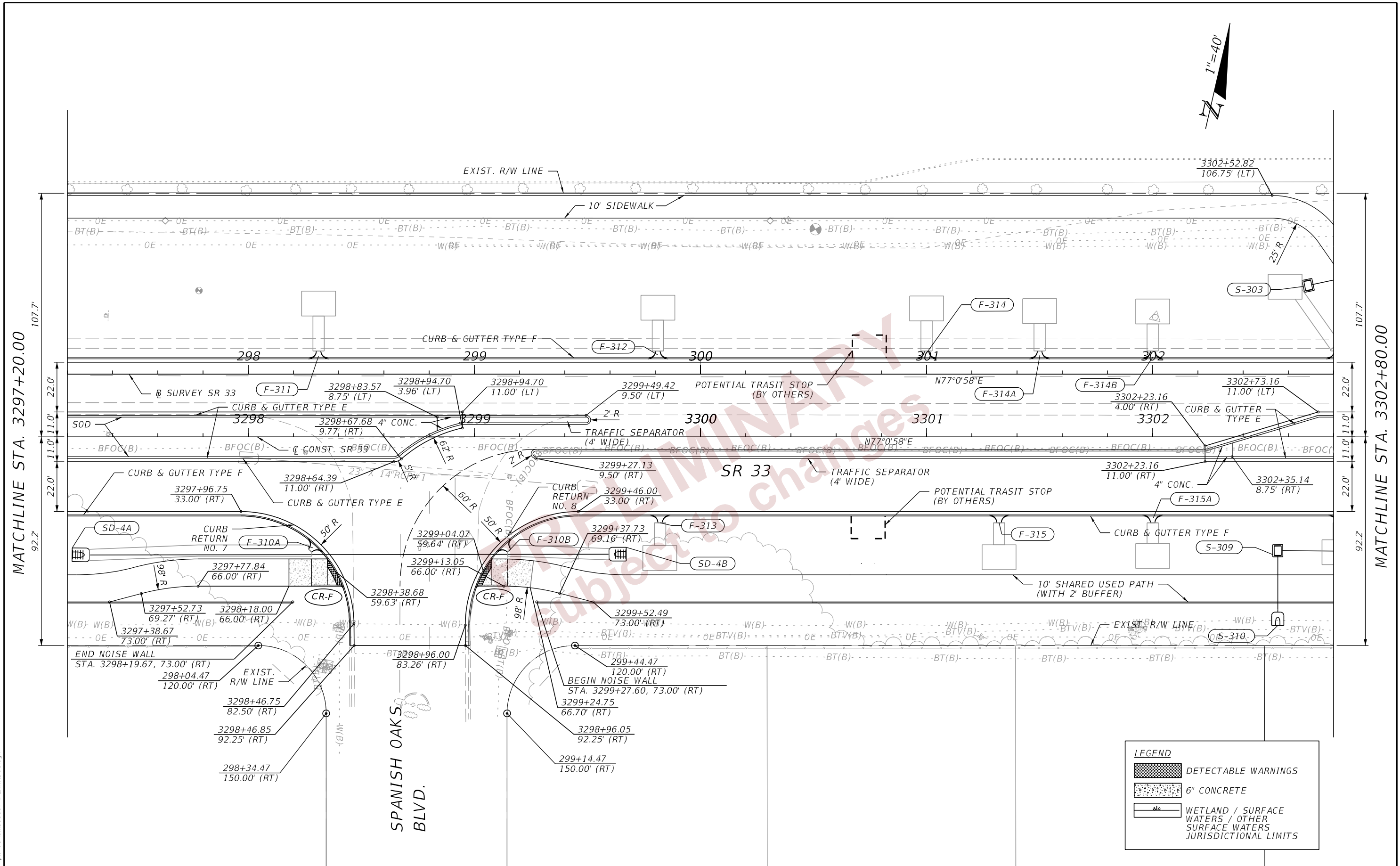
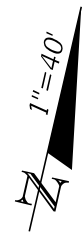
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LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (06)	SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

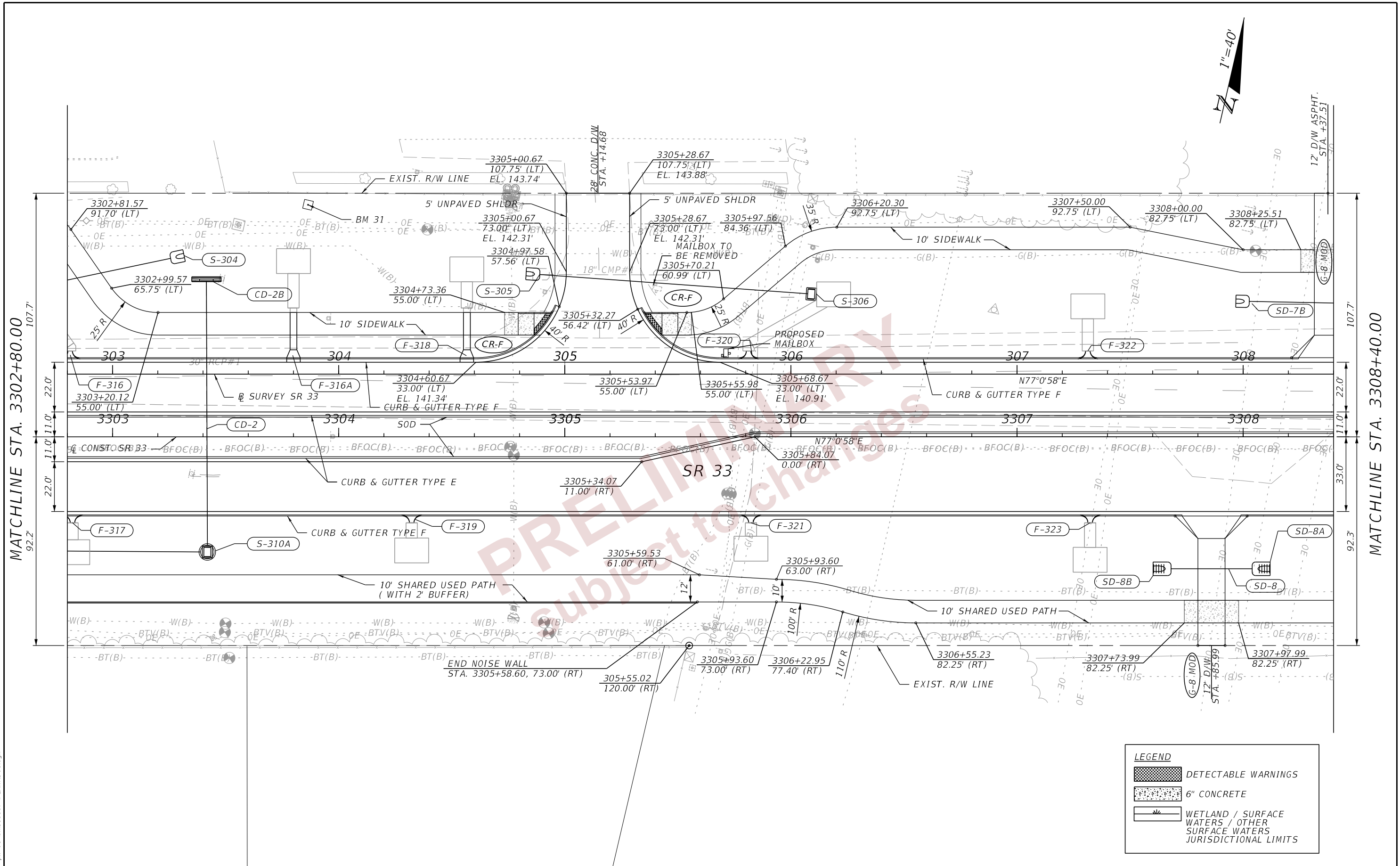


LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (07)	SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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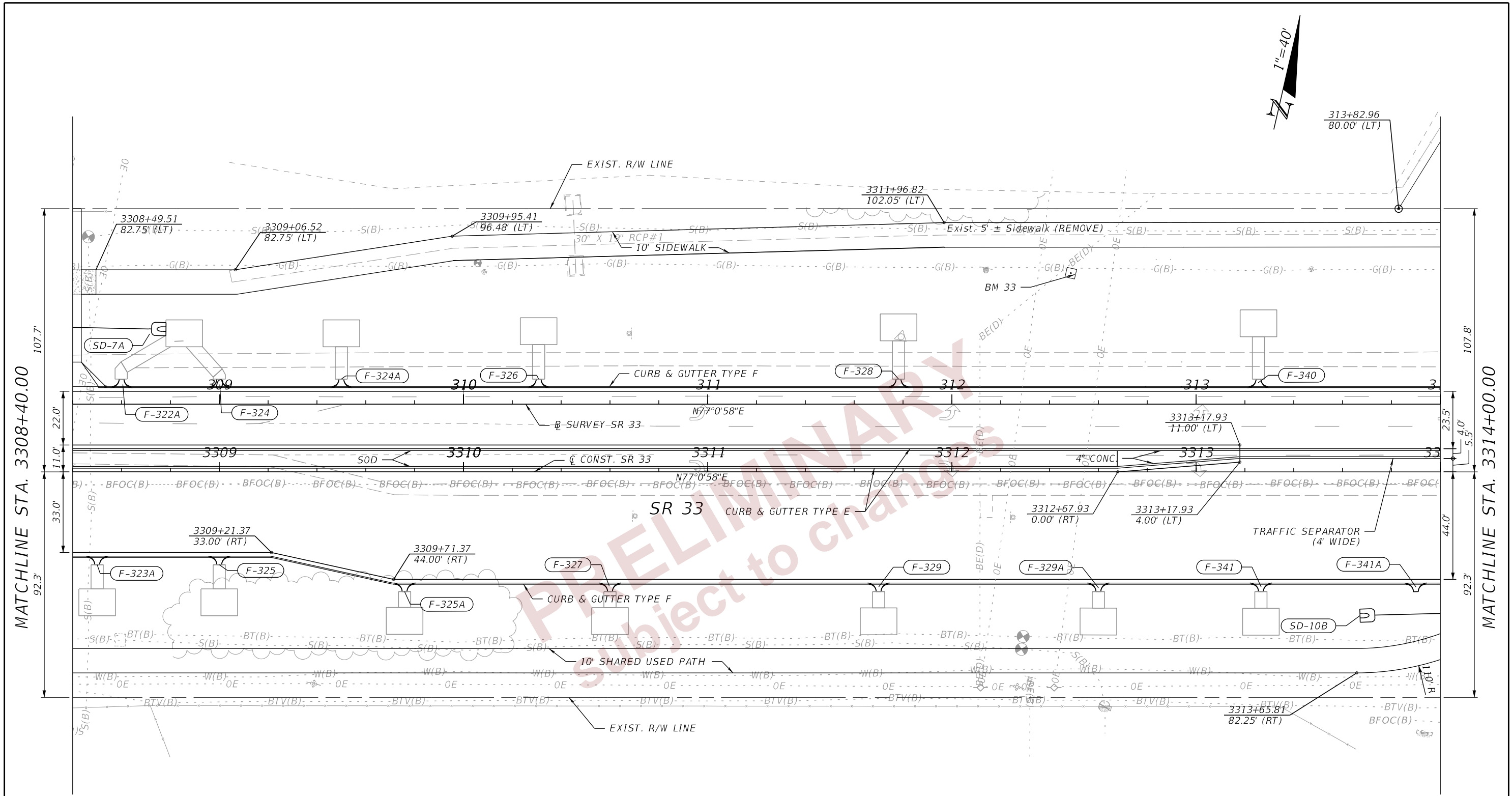


LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (08)	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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MATCHLINE STA. 3308+40.00

MATCHLINE STA. 3314+00.00

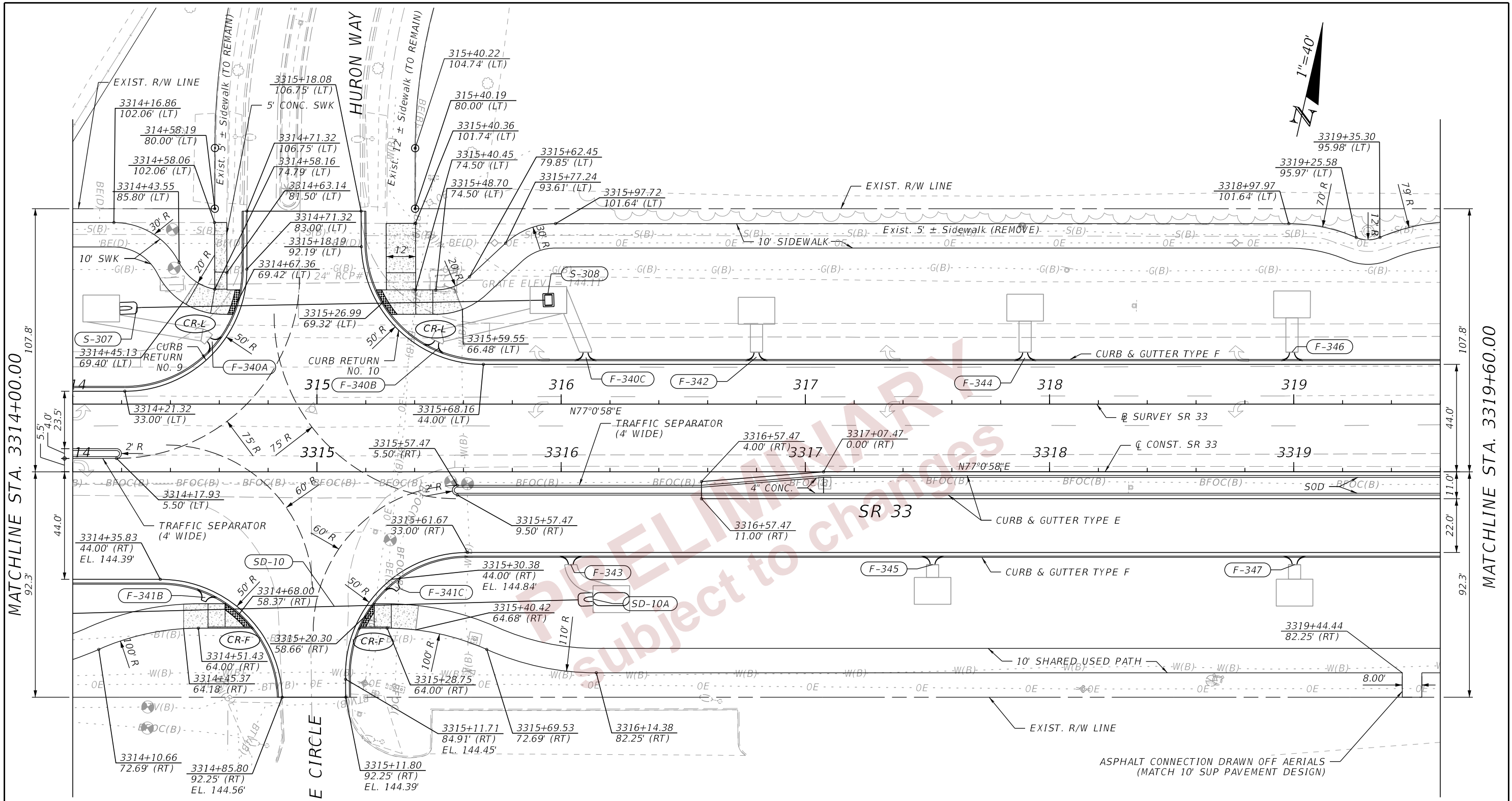
LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (09)	SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

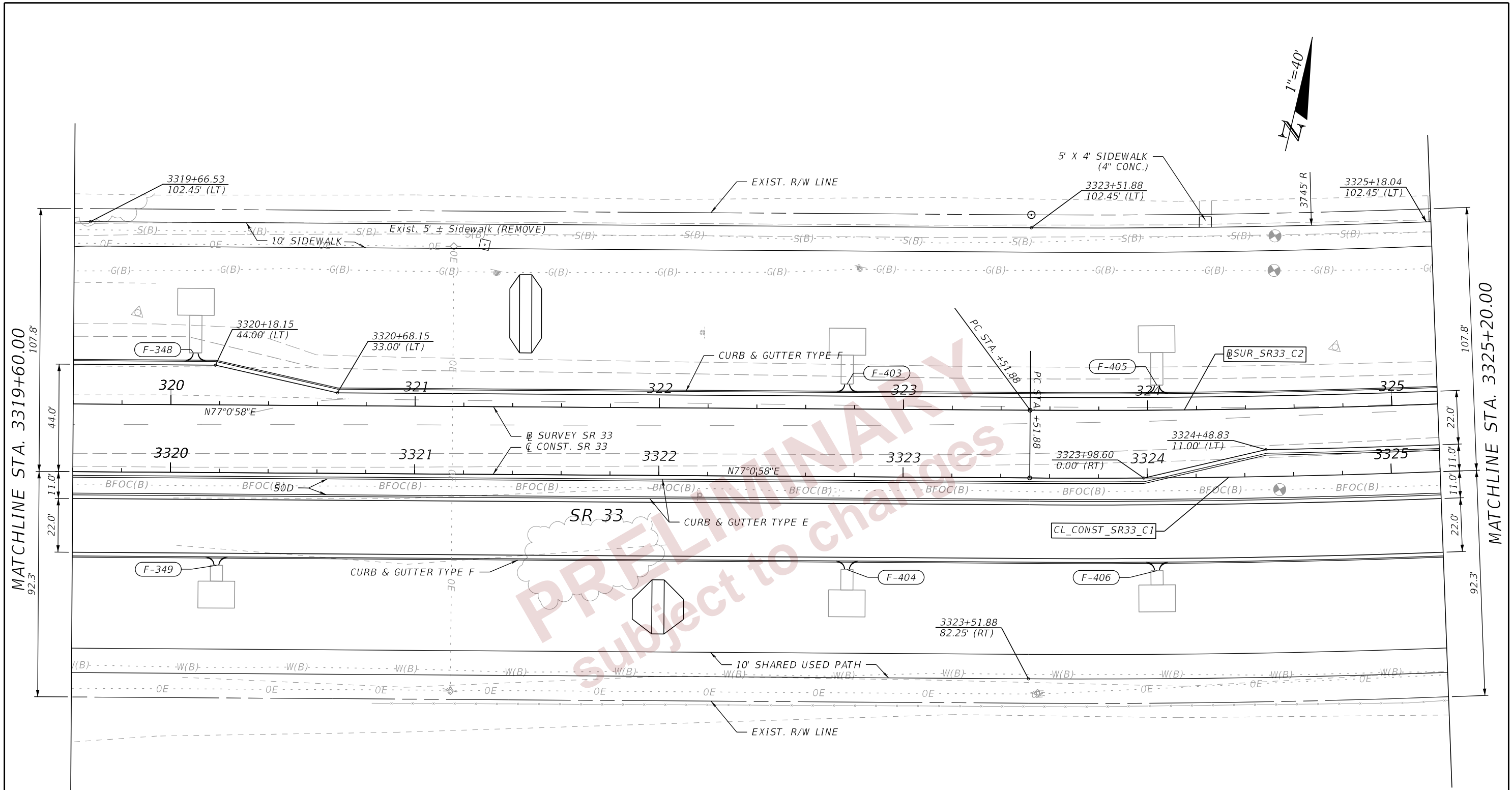
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LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	35
ROADWAY PLANS (10)									

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PRELIMINARY
 Subject to changes

LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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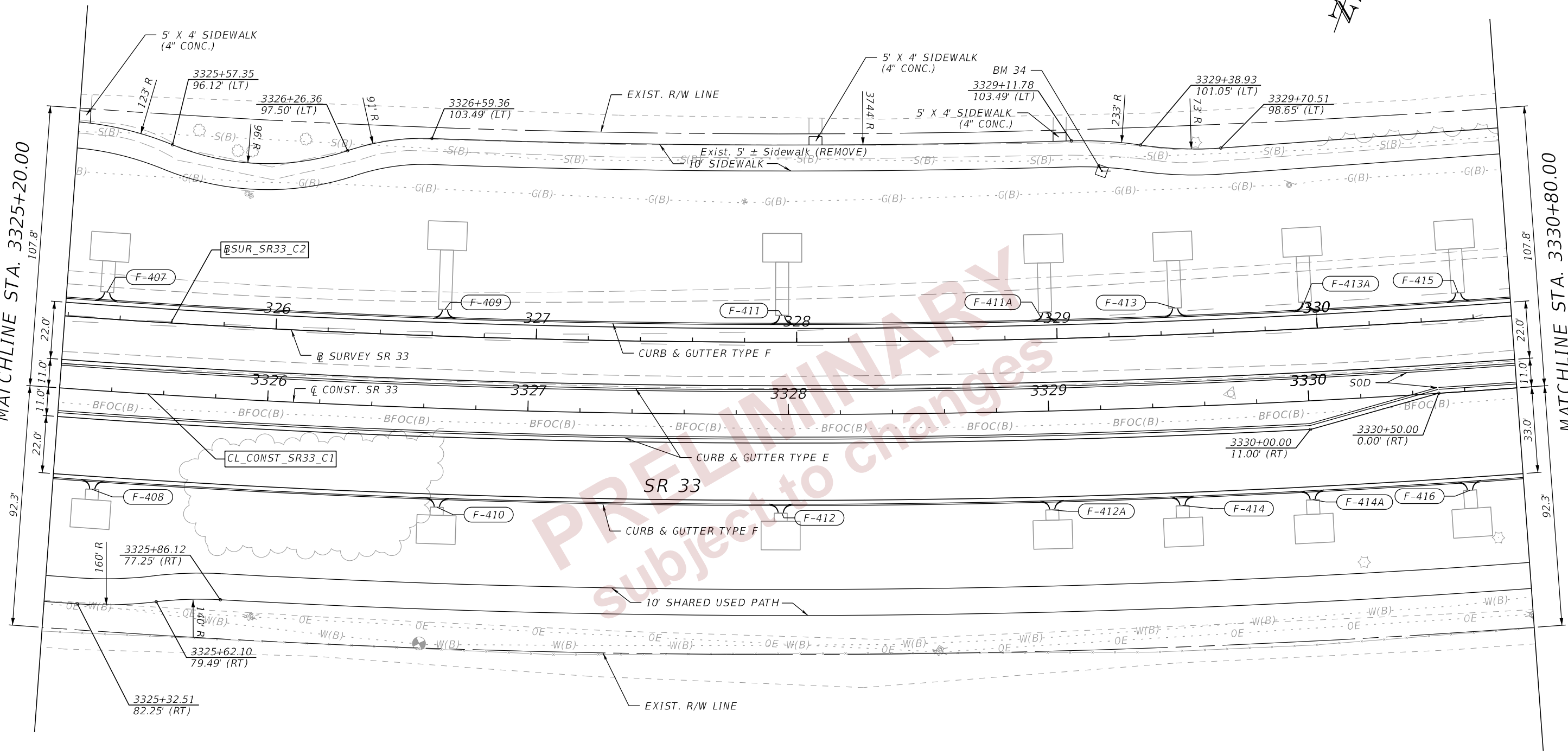
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (11)	SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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MATCHLINE STA. 3325+20.00

MATCHLINE STA. 3330+80.00

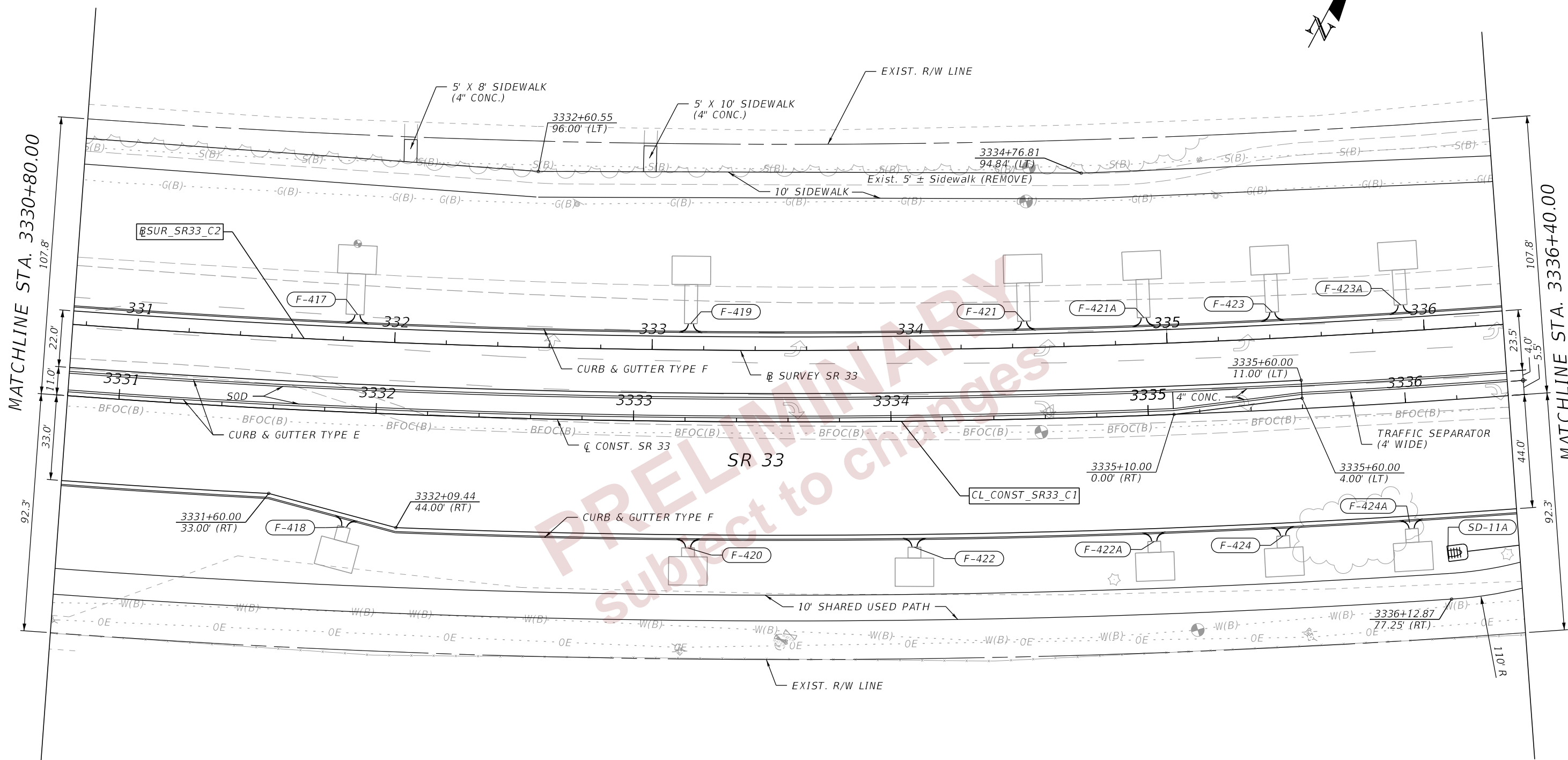


LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (12)	SHEET NO. 37
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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PRELIMINARY
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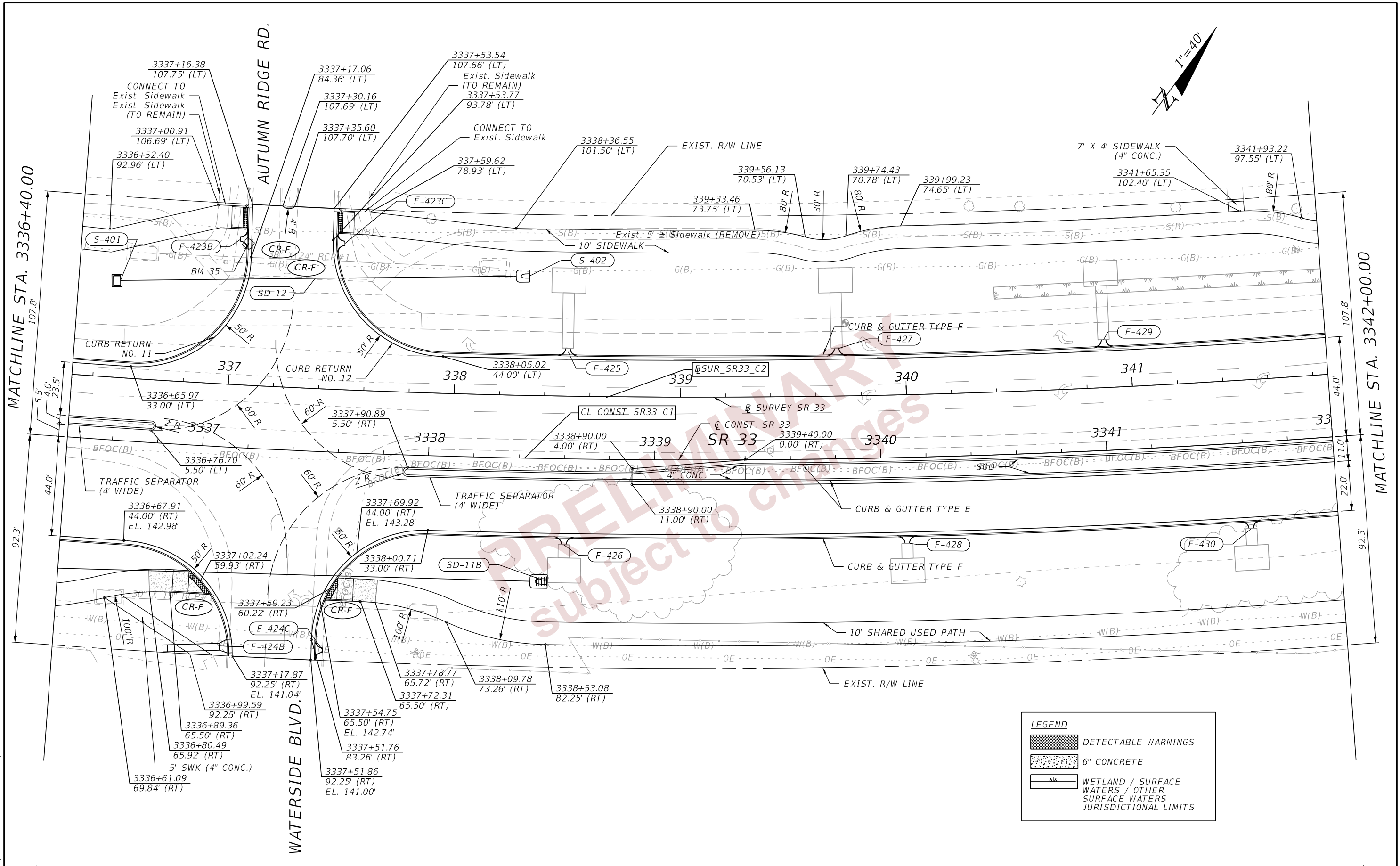
LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (13)	SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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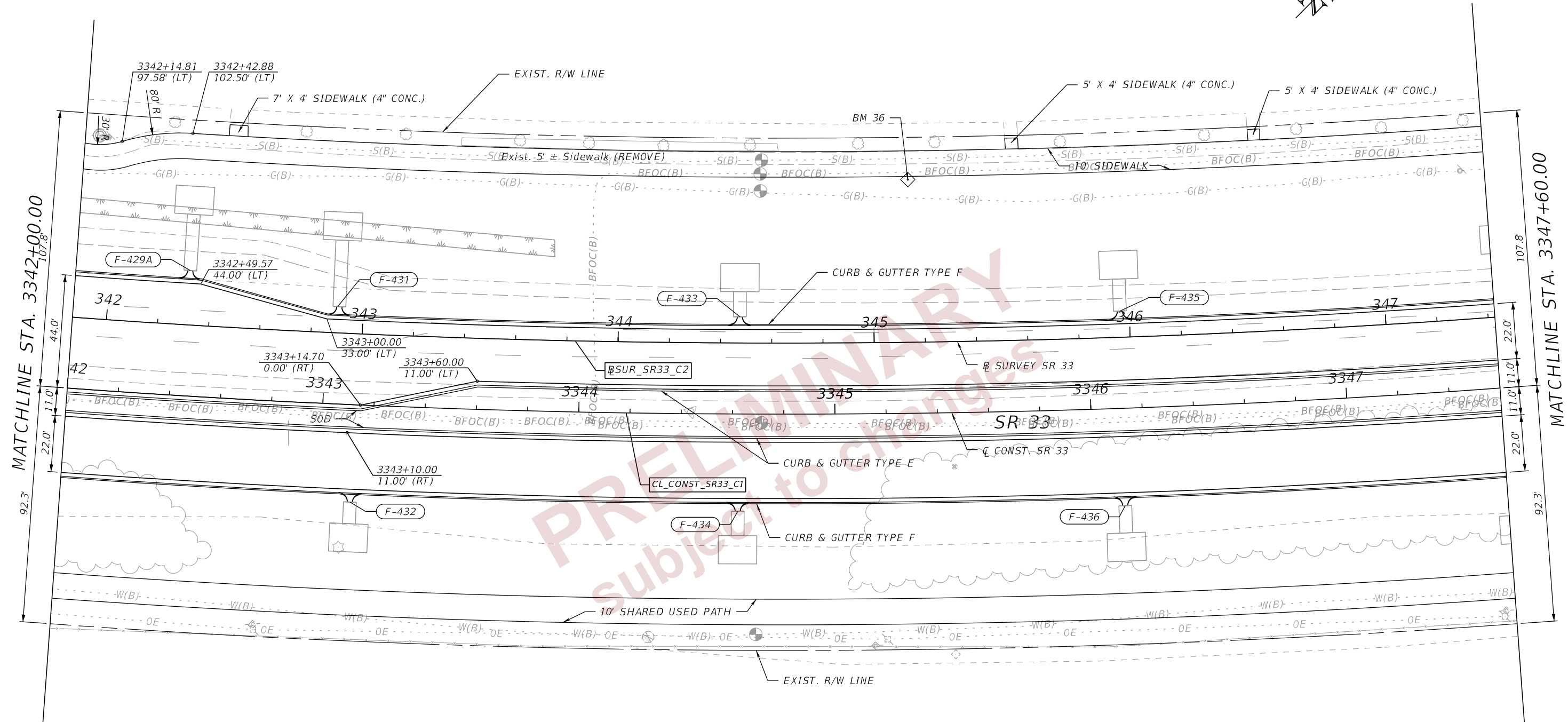
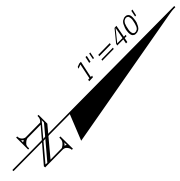
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LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (14)	SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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MATCHLINE STA. 3342+00.00

MATCHLINE STA. 3347+60.00

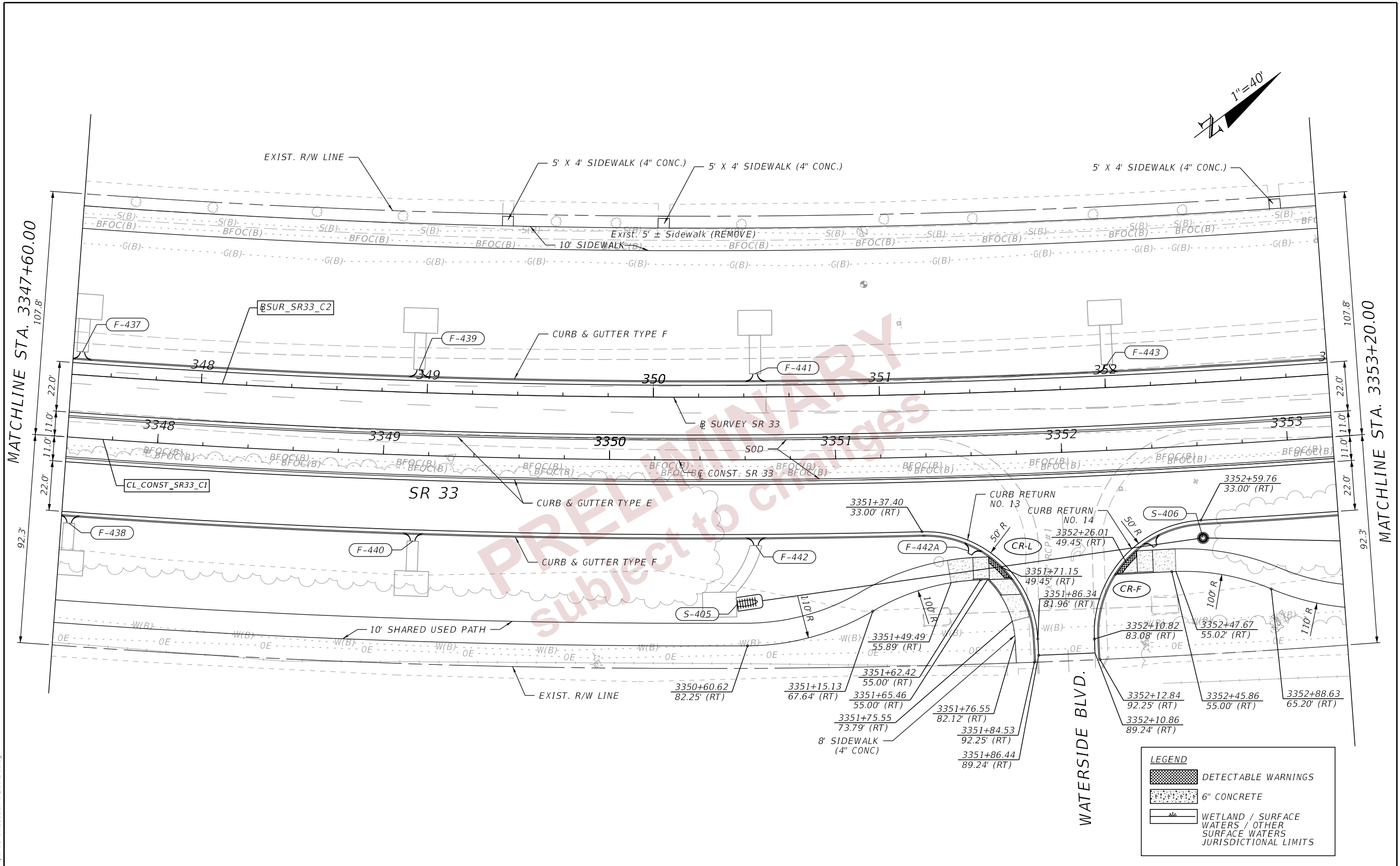
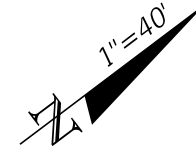
PRELIMINARY
Subject to changes

LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	
ROADWAY PLANS (15)									40

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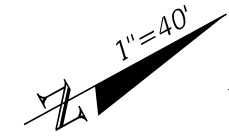


LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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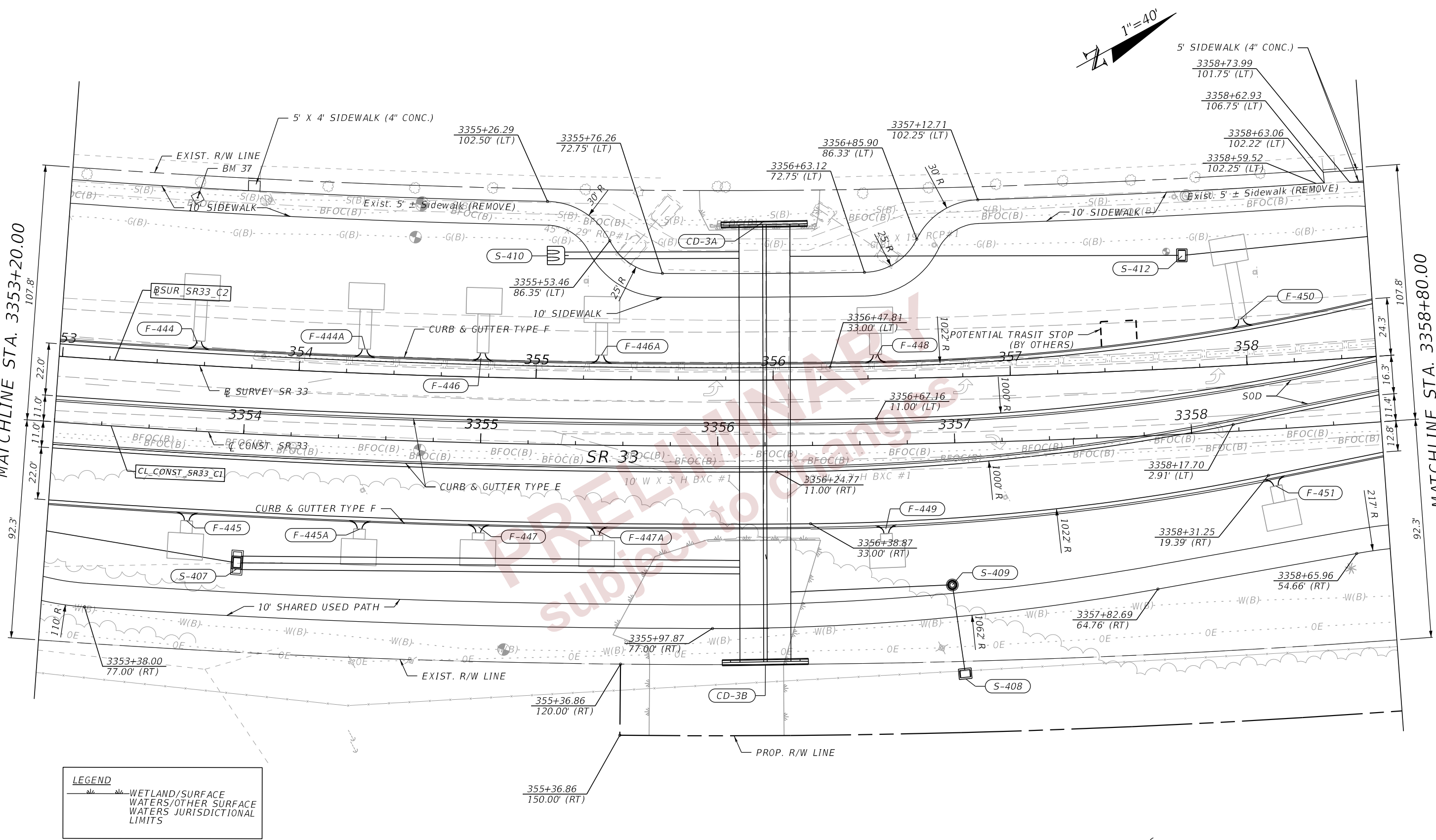
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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MATCHLINE STA. 3353+20.00

MATCHLINE STA. 3358+80.00



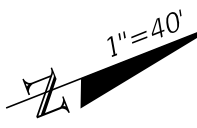
LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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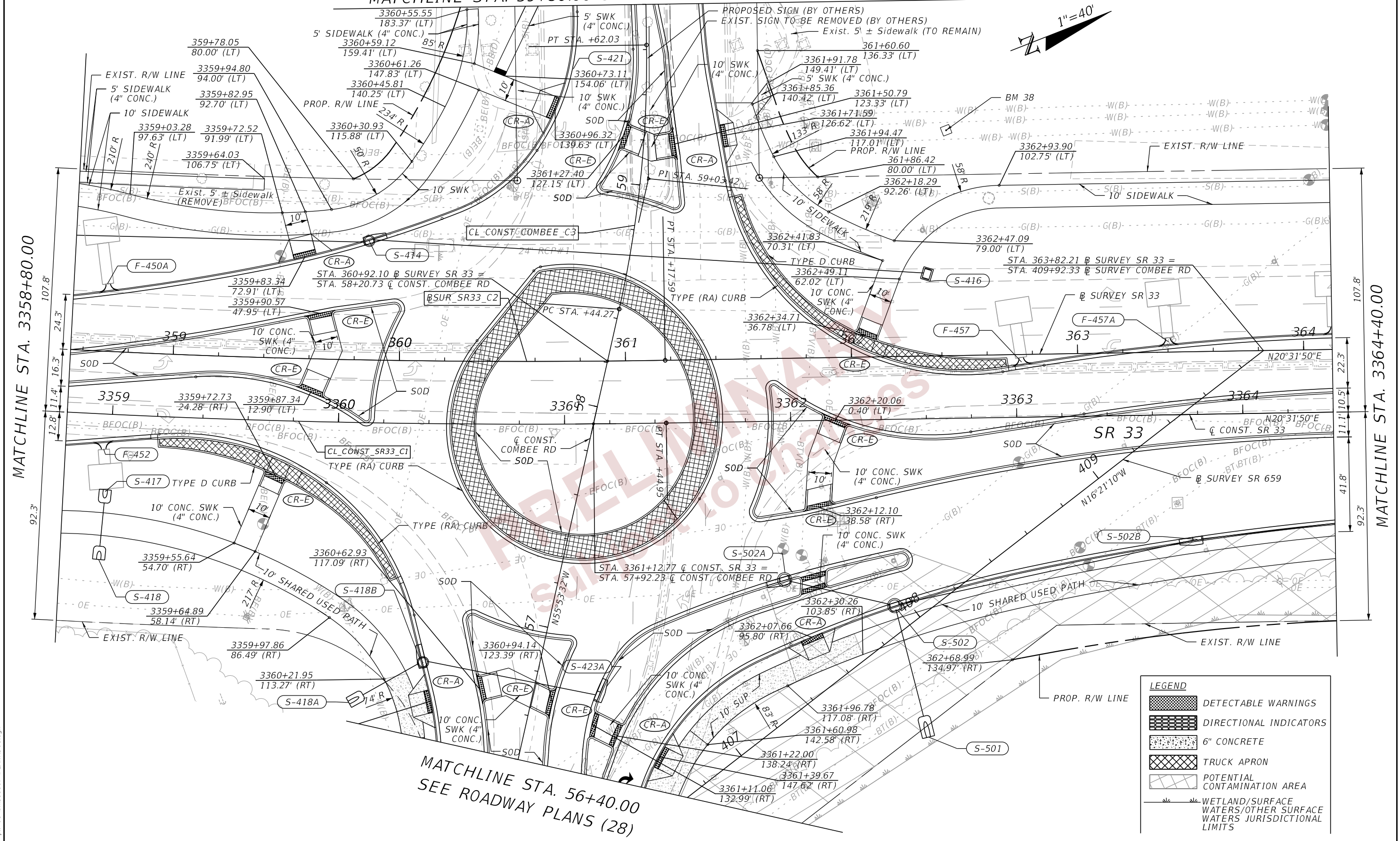
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (17)	SHEET NO. 42
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

MATCHLINE STA. 59+80.00 SEE ROADWAY PLANS (29)



MATCHLINE STA. 3358+80.00

MATCHLINE STA. 3364+40.00



MATCHLINE STA. 56+40.00
SEE ROADWAY PLANS (28)

LEGEND	
	DETECTABLE WARNINGS
	DIRECTIONAL INDICATORS
	6" CONCRETE
	TRUCK APRON
	POTENTIAL CONTAMINATION AREA
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

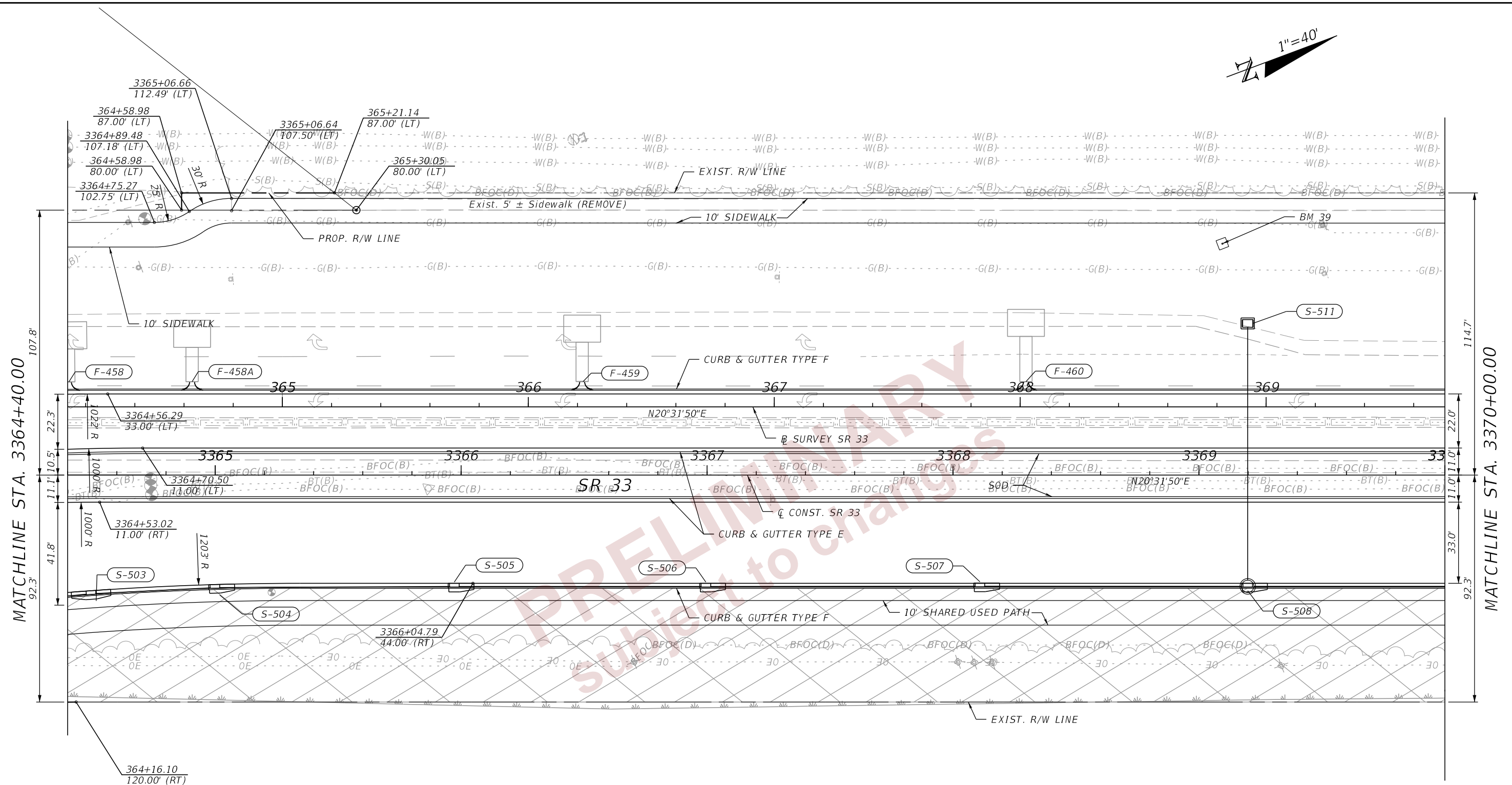
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	43
					SR 33	POLK	430185-4-52-01	

ROADWAY PLANS (18)

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1"=40'



MATCHLINE STA. 3364+40.00

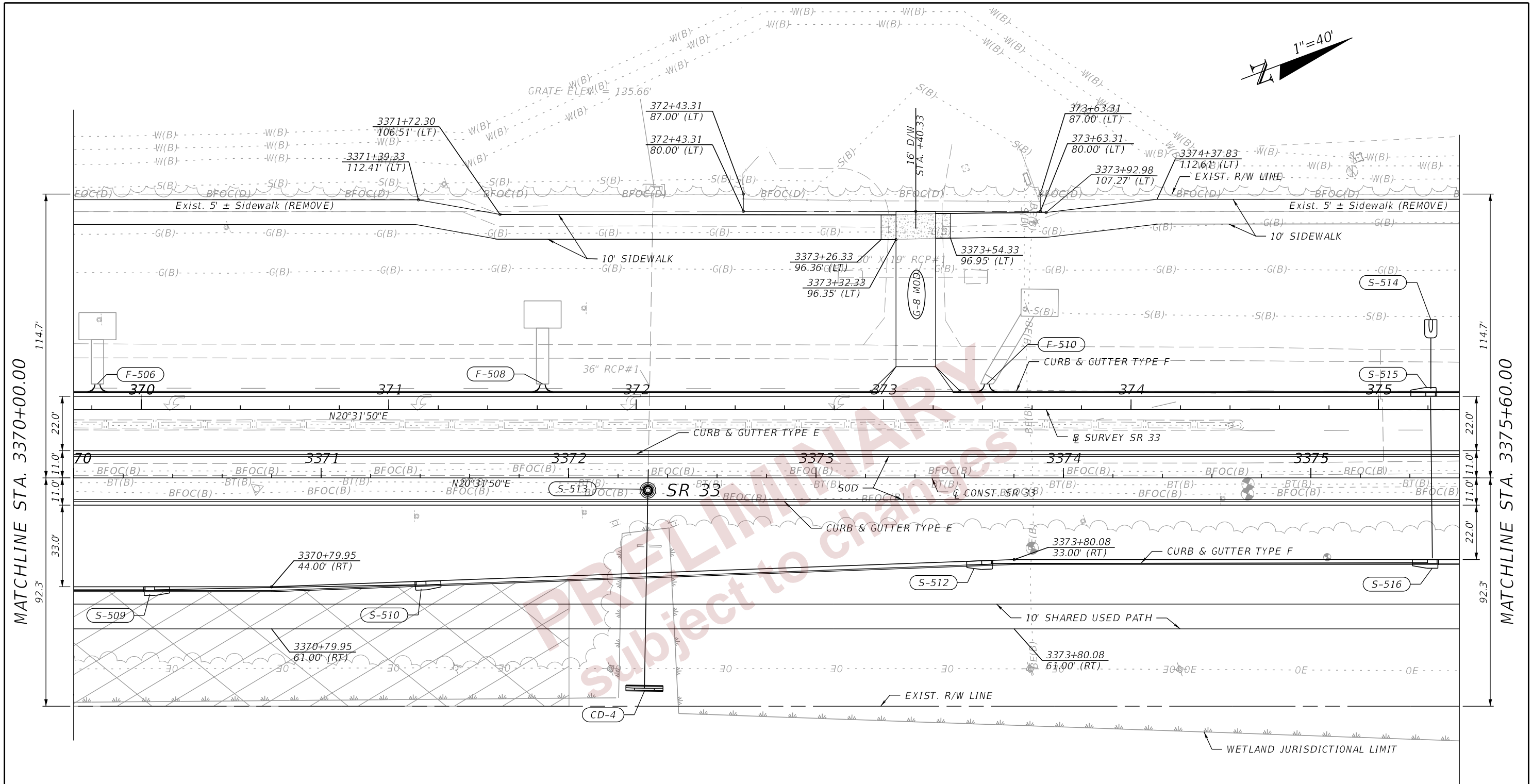
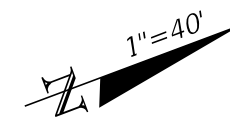
MATCHLINE STA. 3370+00.00

LEGEND	
	POTENTIAL CONTAMINATION AREA
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (19)	SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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LEGEND	
	POTENTIAL CONTAMINATION AREA
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

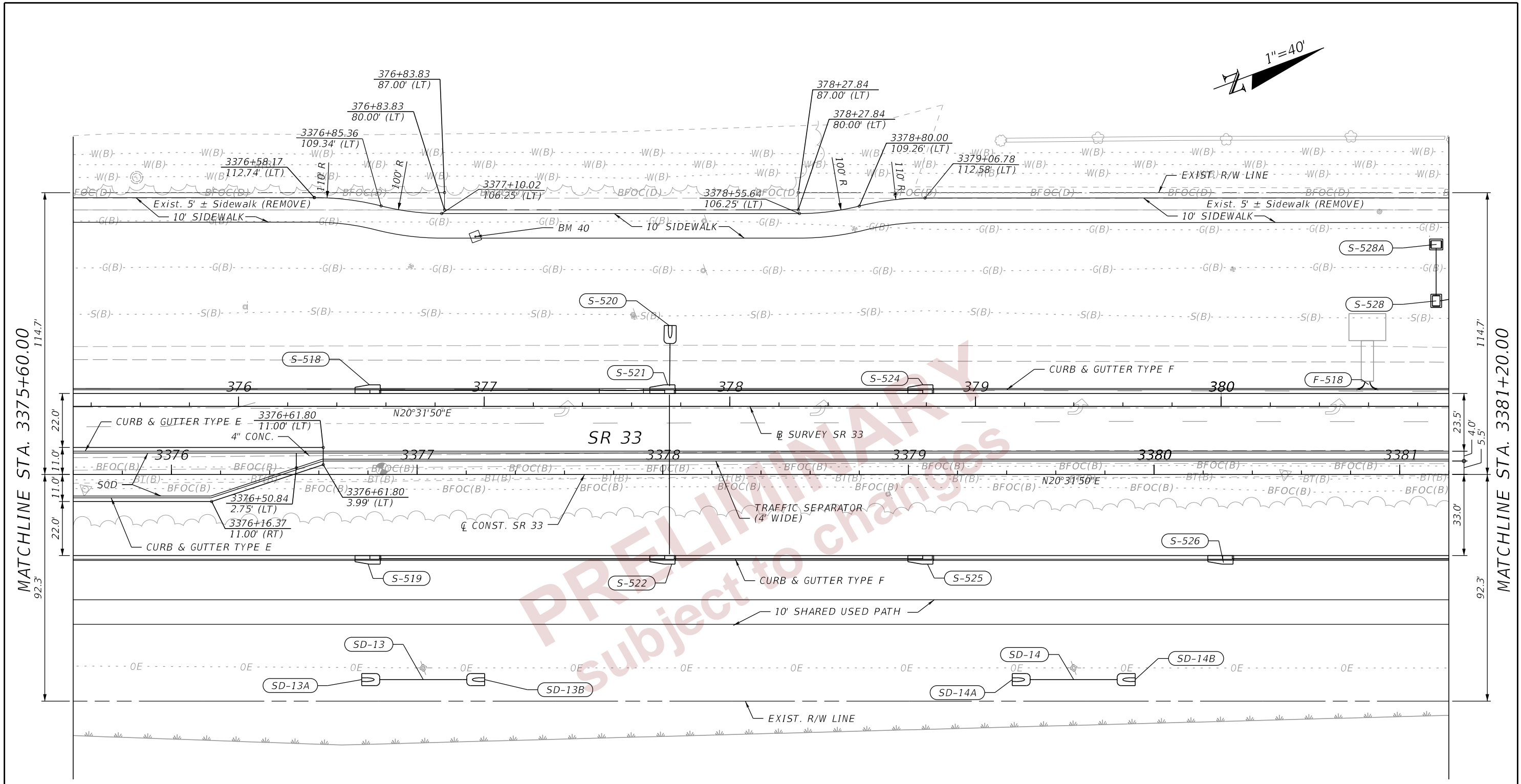
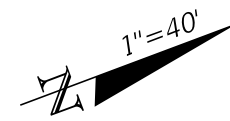
ENGINEER OF RECORD
 DEBANANDA PANIGRAHI, P.E.
 LICENSE NUMBER 68318
 H. W. LOCHNER
 4300 W. CYPRESS STREET, SUITE 500
 TAMPA, FLORIDA 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

ROADWAY PLANS (20)

SHEET NO.
45

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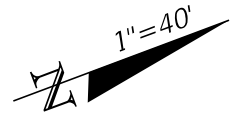


LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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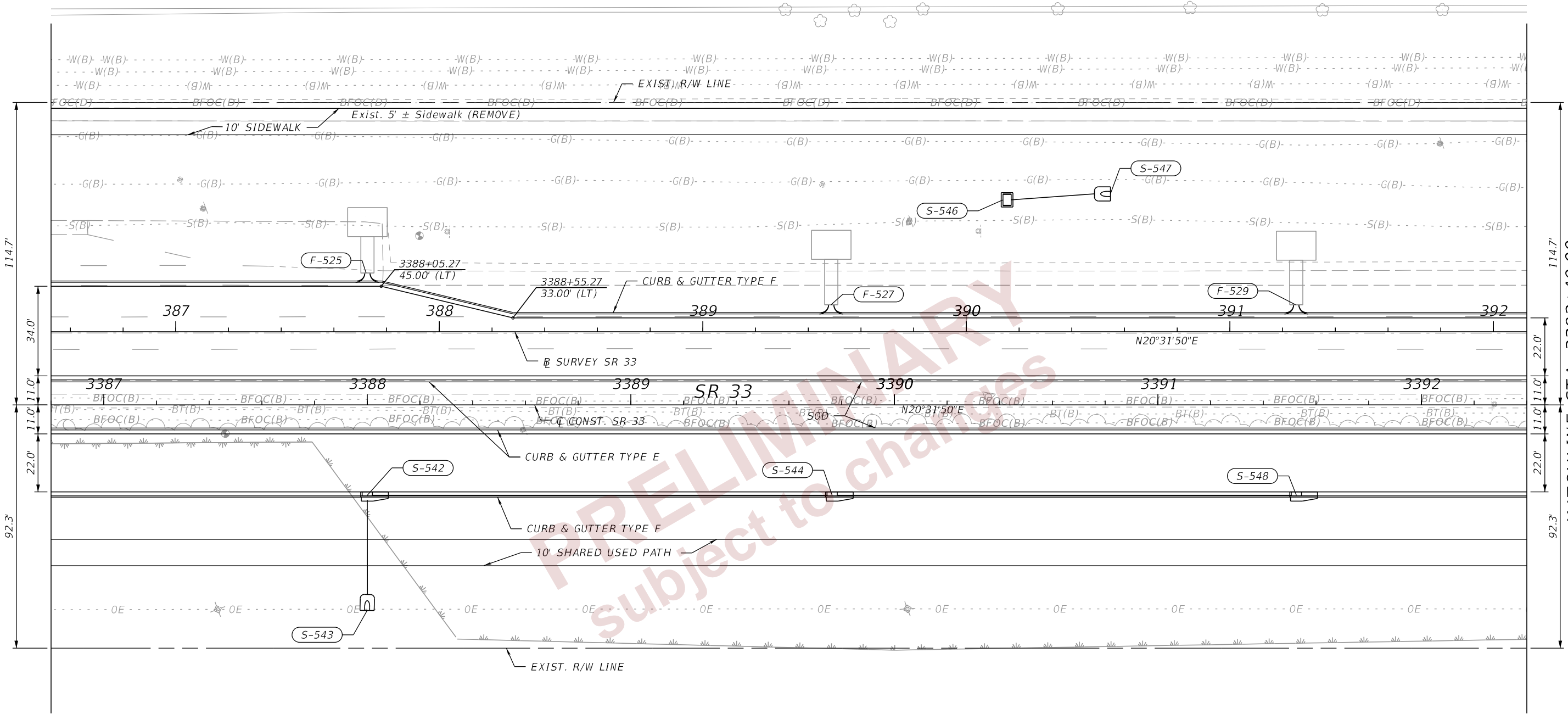
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (21)	SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

MATCHLINE STA. 3375+60.00
 MATCHLINE STA. 3381+20.00
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MATCHLINE STA. 3386+80.00

MATCHLINE STA. 3392+40.00

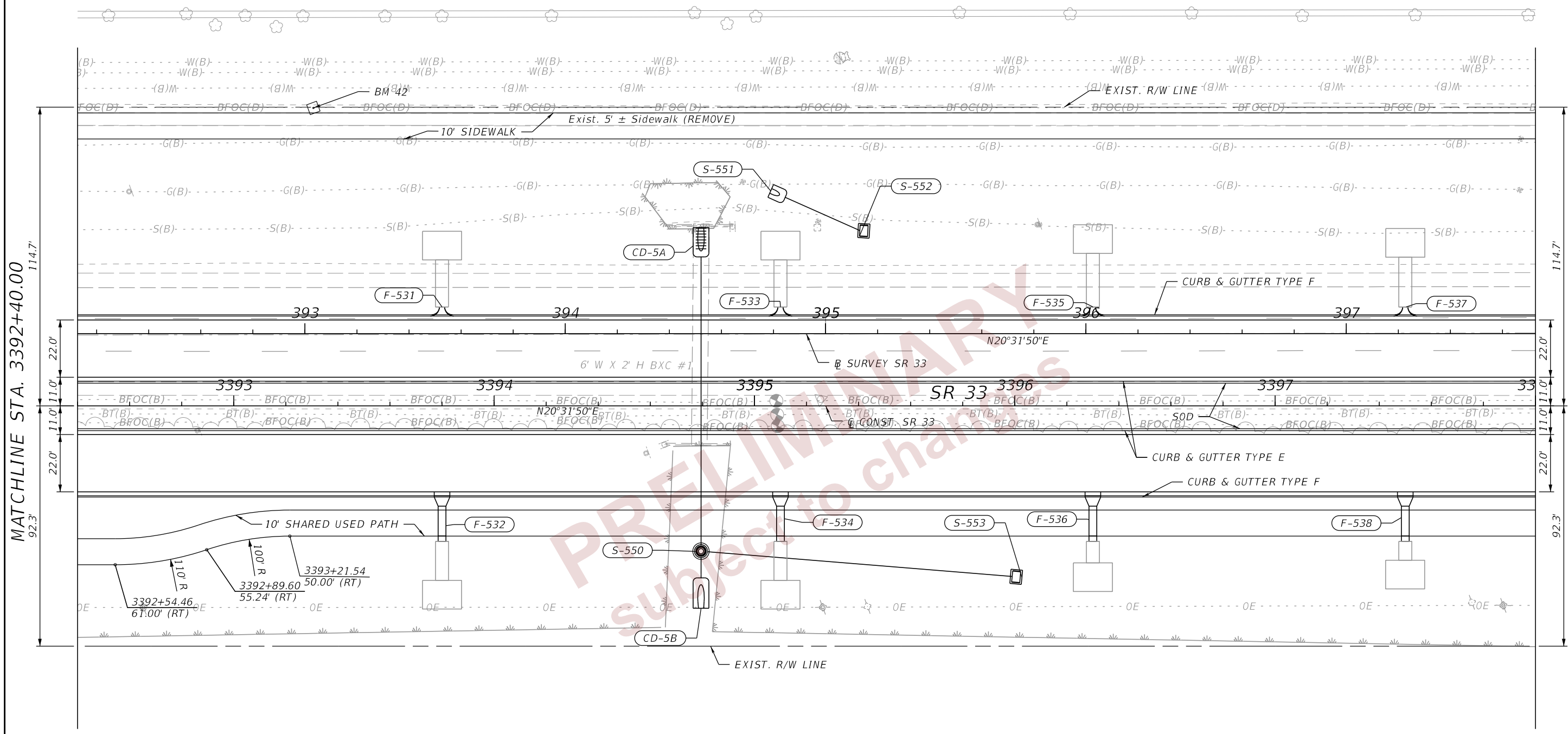
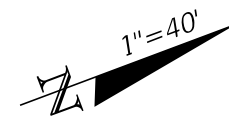


LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (23)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		48

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MATCHLINE STA. 3392+40.00

MATCHLINE STA. 3398+00.00

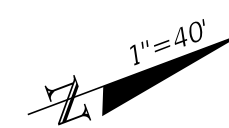
PRELIMINARY
Subject to change

LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

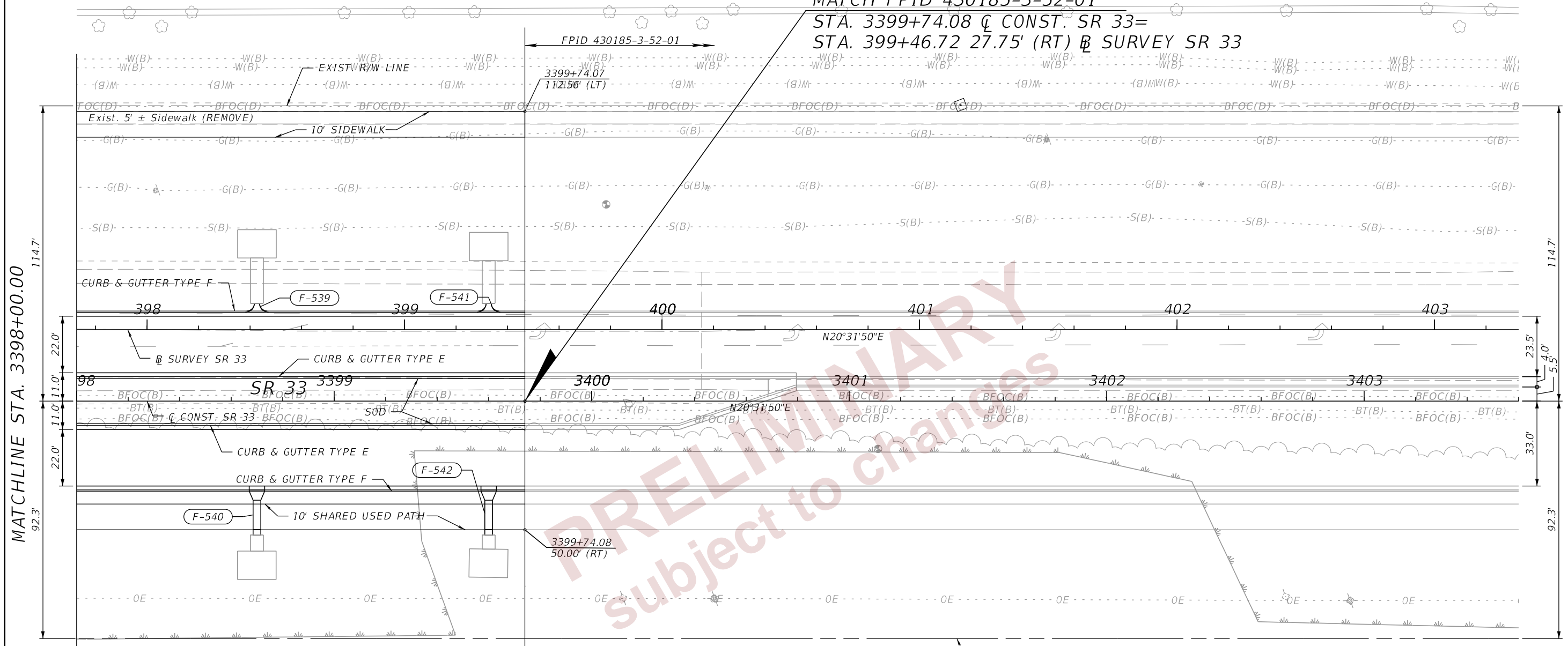
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (24)	SHEET NO. 49
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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END PROJECT
 MATCH FPID 430185-3-52-01
 STA. 3399+74.08 \bar{C} CONST. SR 33=
 STA. 399+46.72 27.75' (RT) \bar{B} SURVEY SR 33



MATCHLINE STA. 3398+00.00

2/29/2024 6:24:58 PM ANDRES.FERNANDEZ
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LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

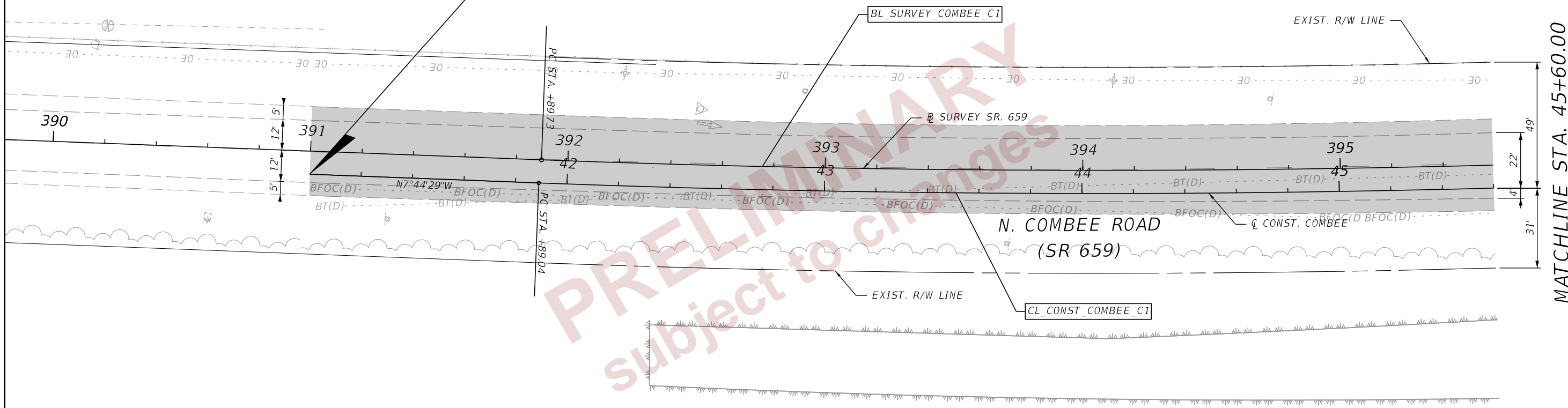
PRELIMINARY
 subject to changes

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (25)	SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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



BEGIN CONSTRUCTION
 BEGIN MILLING & RESURFACING
 STA. 41+00.01 Q CONST. COMBEE RD



MATCHLINE STA. 45+60.00

PRELIMINARY
 subject to changes

LEGEND	
	MILLING AND RESURFACING
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

2/29/2024 6:25:19 PM ANDRES.FERNANDEZ
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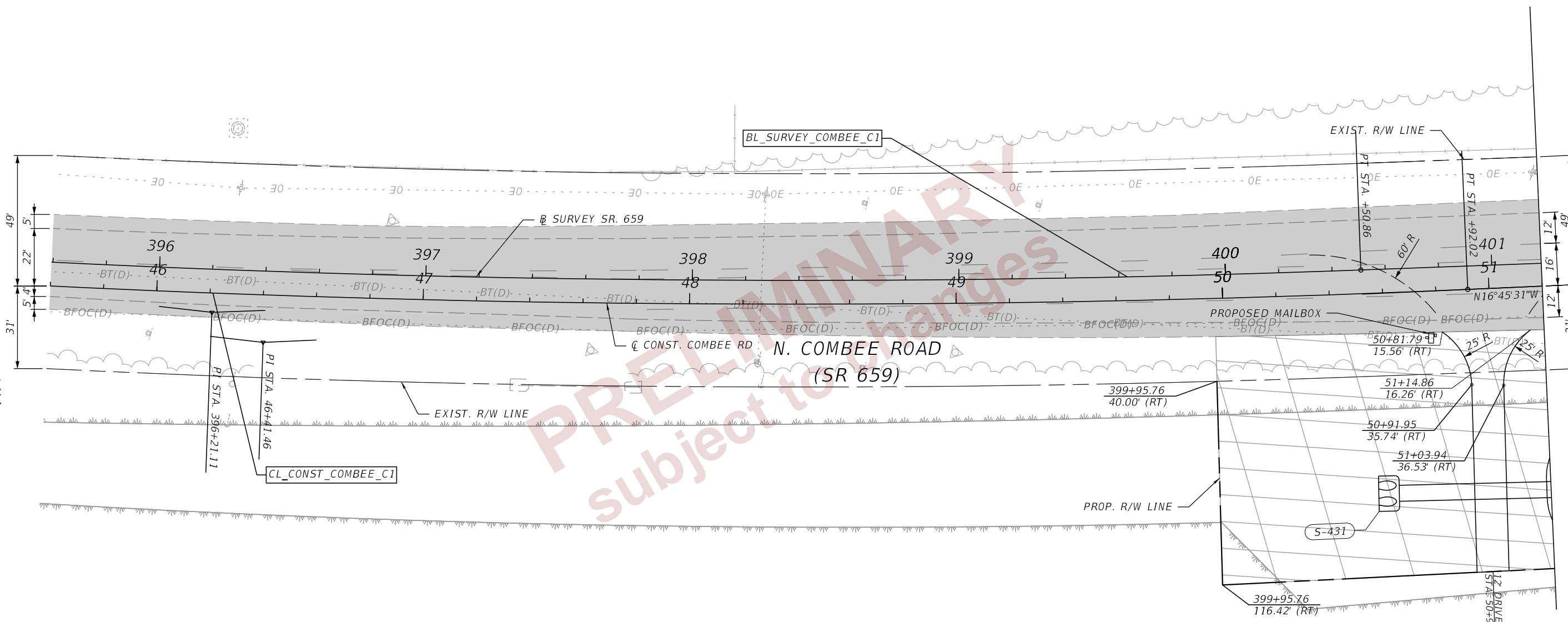
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (26)	SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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MATCHLINE STA. 45+60.00

MATCHLINE STA. 51+20.00

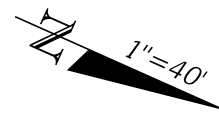


LEGEND	
	MILLING AND RESURFACING
	POTENTIAL CONTAMINATION AREA
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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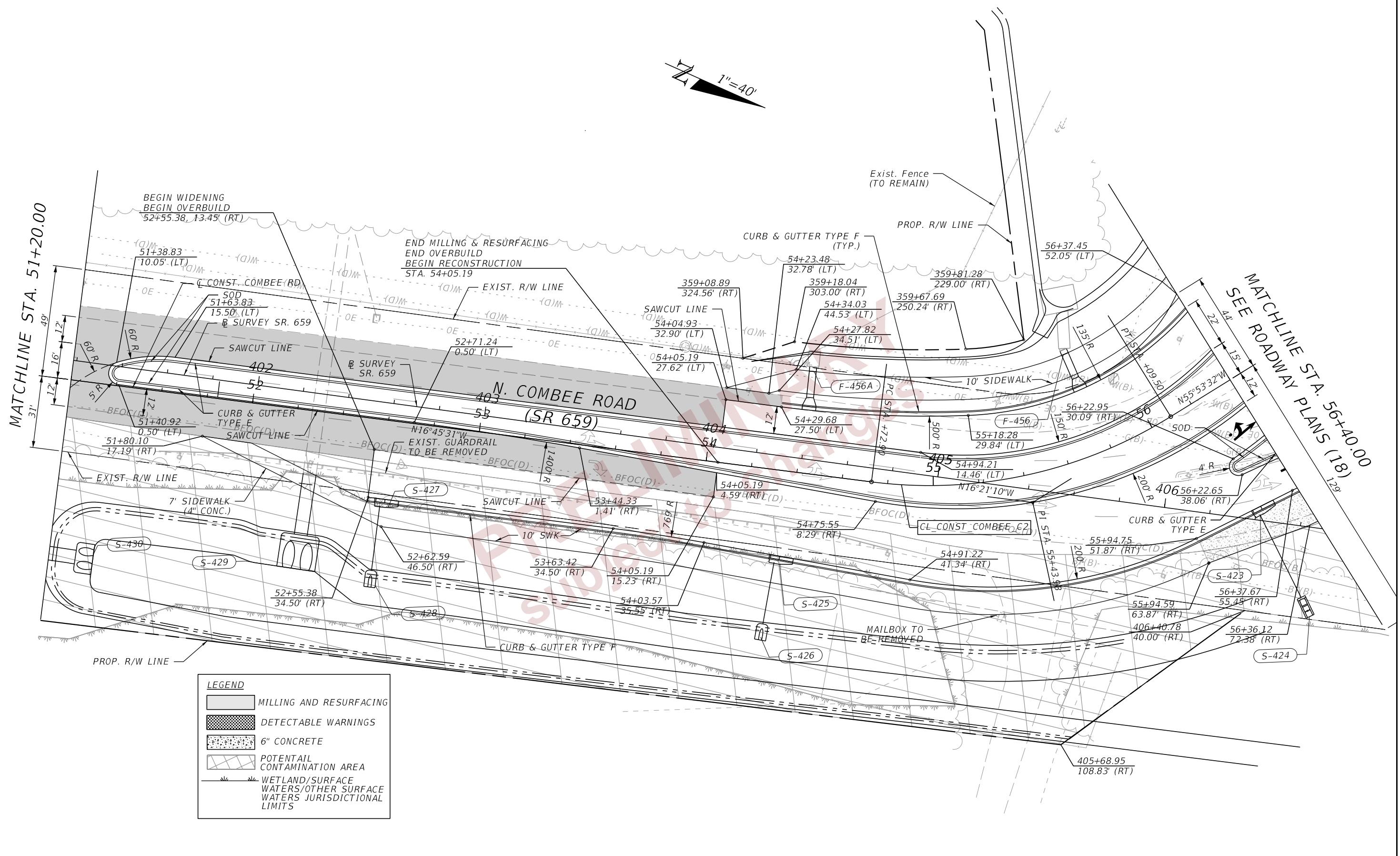
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (27)	SHEET NO. 52
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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MATCHLINE STA. 51+20.00

MATCHLINE STA. 56+40.00
SEE ROADWAY PLANS (18)

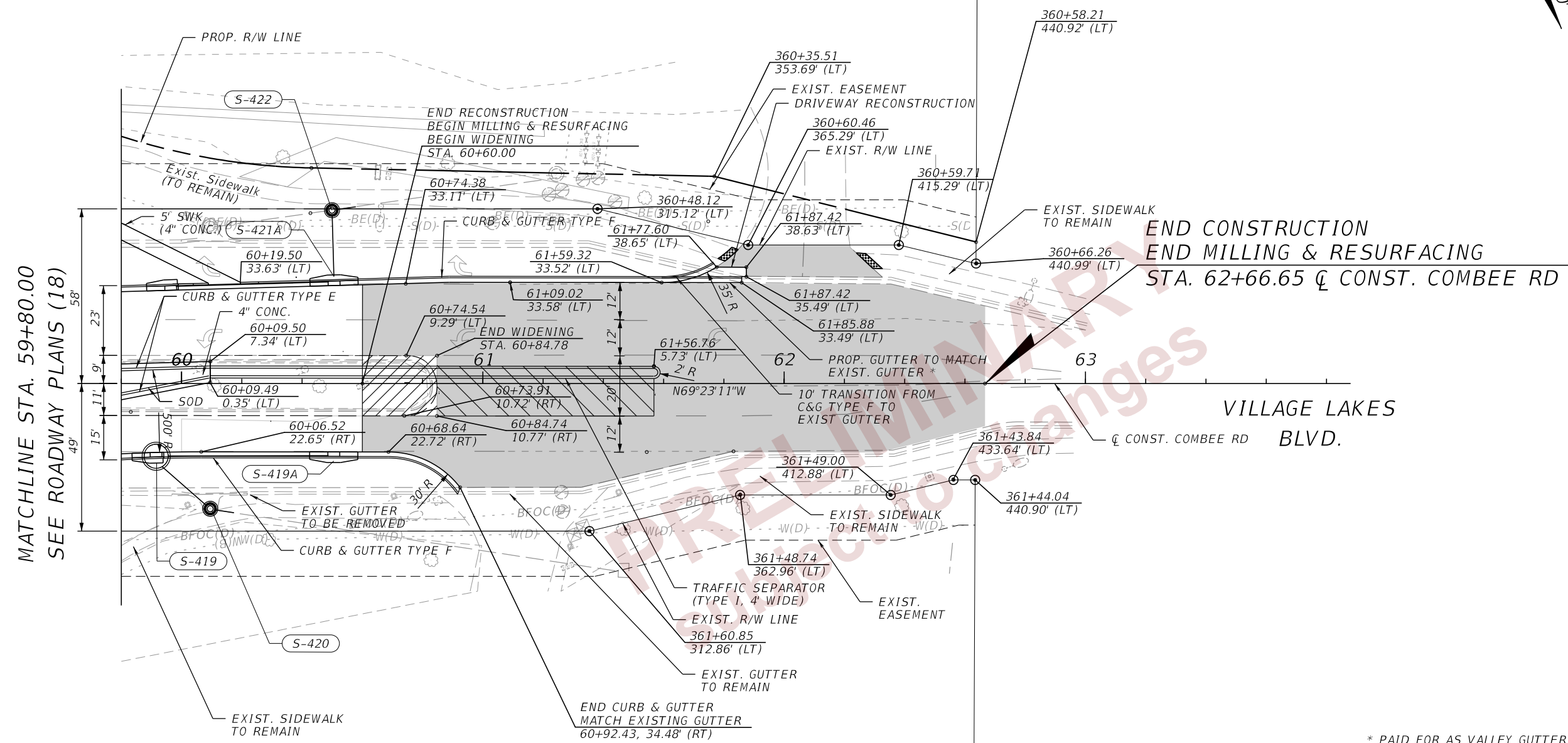
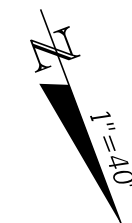


LEGEND	
	MILLING AND RESURFACING
	DETECTABLE WARNINGS
	6" CONCRETE
	POTENTIAL CONTAMINATION AREA
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (28)	SHEET NO. 53
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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



MATCHLINE STA. 59+80.00
SEE ROADWAY PLANS (18)

END CONSTRUCTION
END MILLING & RESURFACING
STA. 62+66.65 Q CONST. COMBEE RD

VILLAGE LAKES
BLVD.
Q CONST. COMBEE RD

* PAID FOR AS VALLEY GUTTER

LEGEND	
	MILLING AND RESURFACING
	DETECTABLE WARNINGS
	WIDENING
	OVERBUILD
	6" CONCRETE

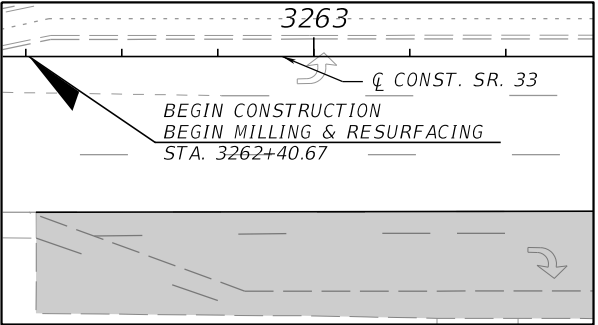
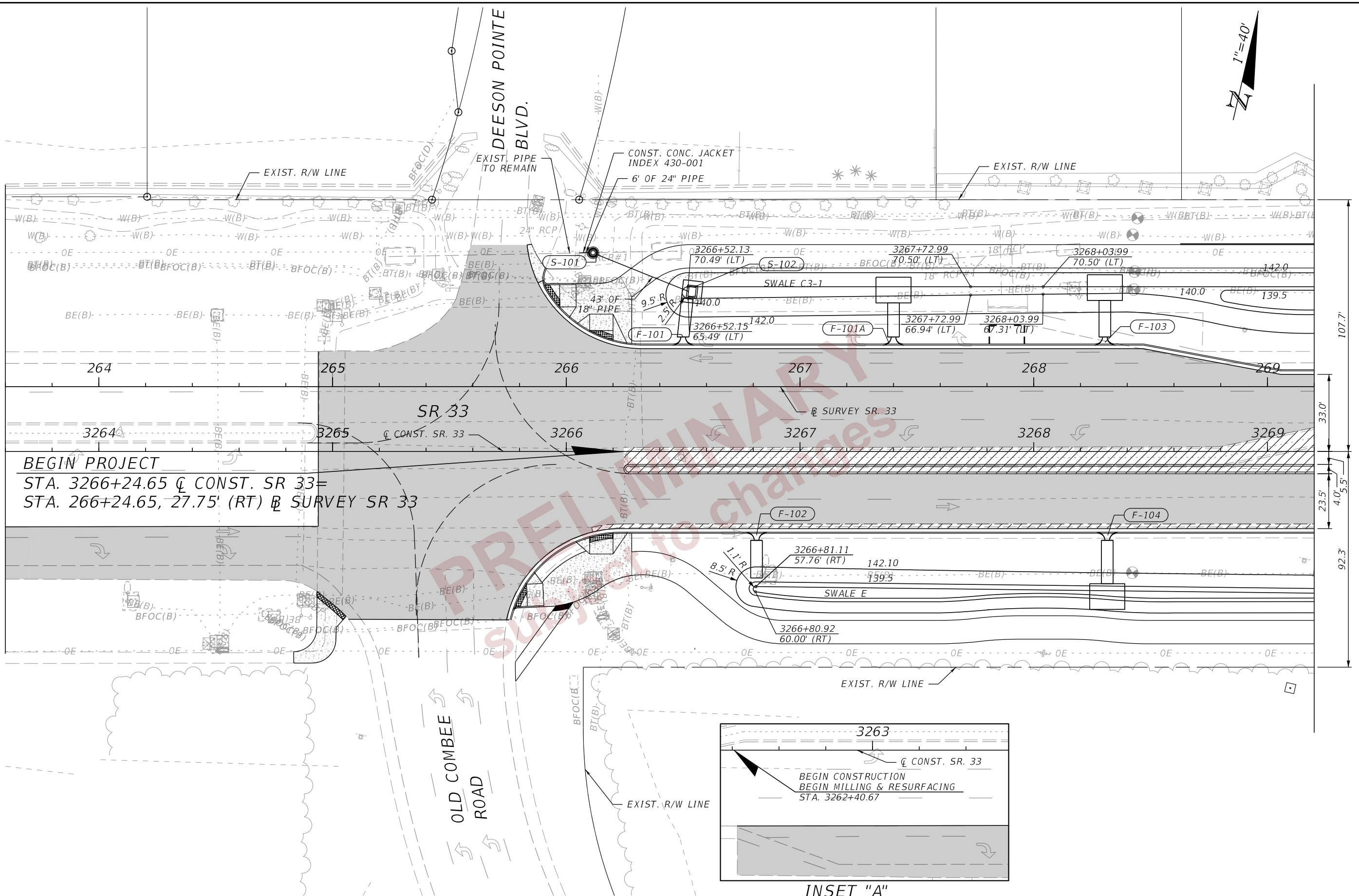
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	ROADWAY PLANS (29) 54

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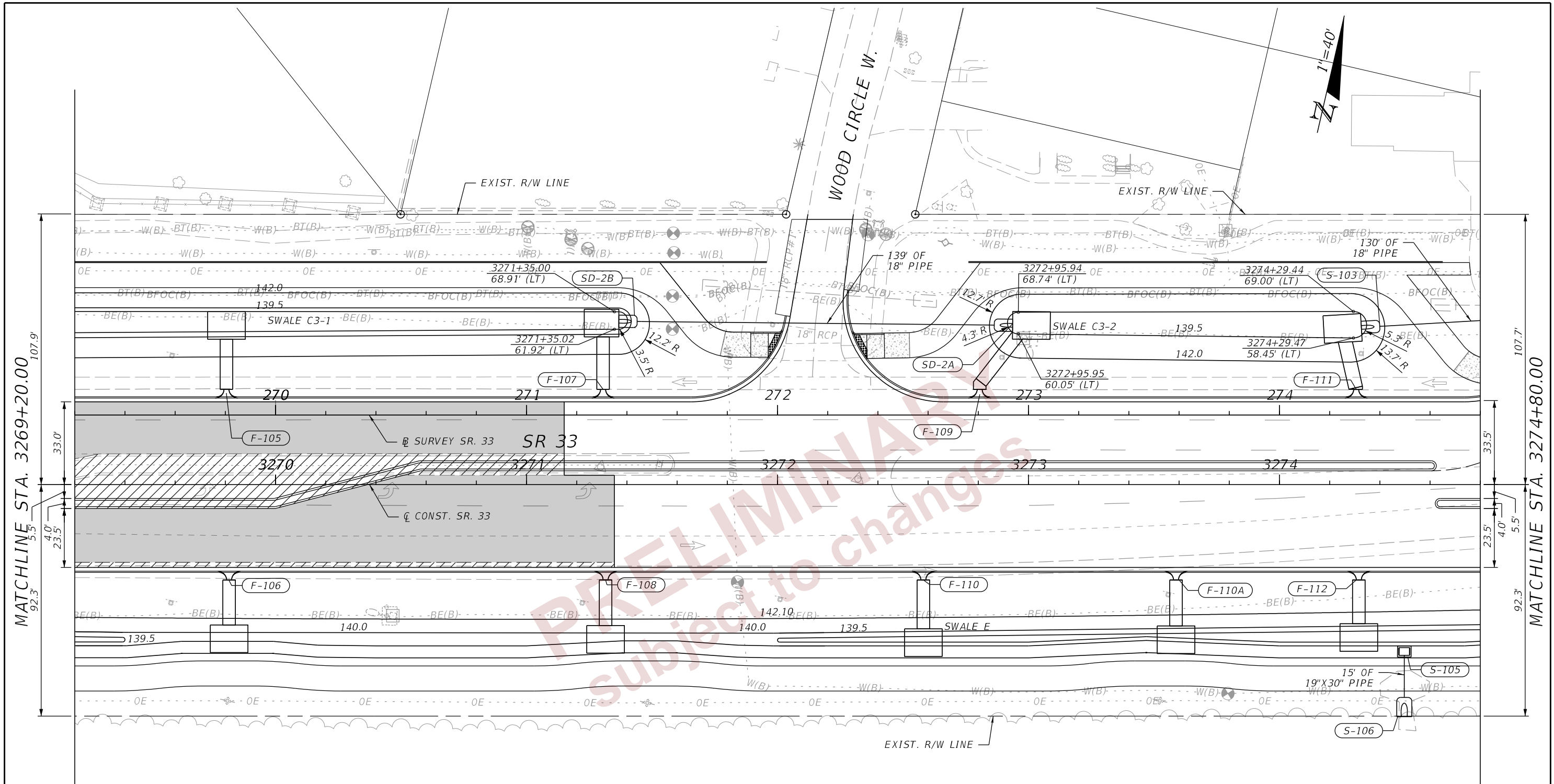
MATCHLINE SEE INSET "A"



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	55
DRAINAGE PLANS (01)										

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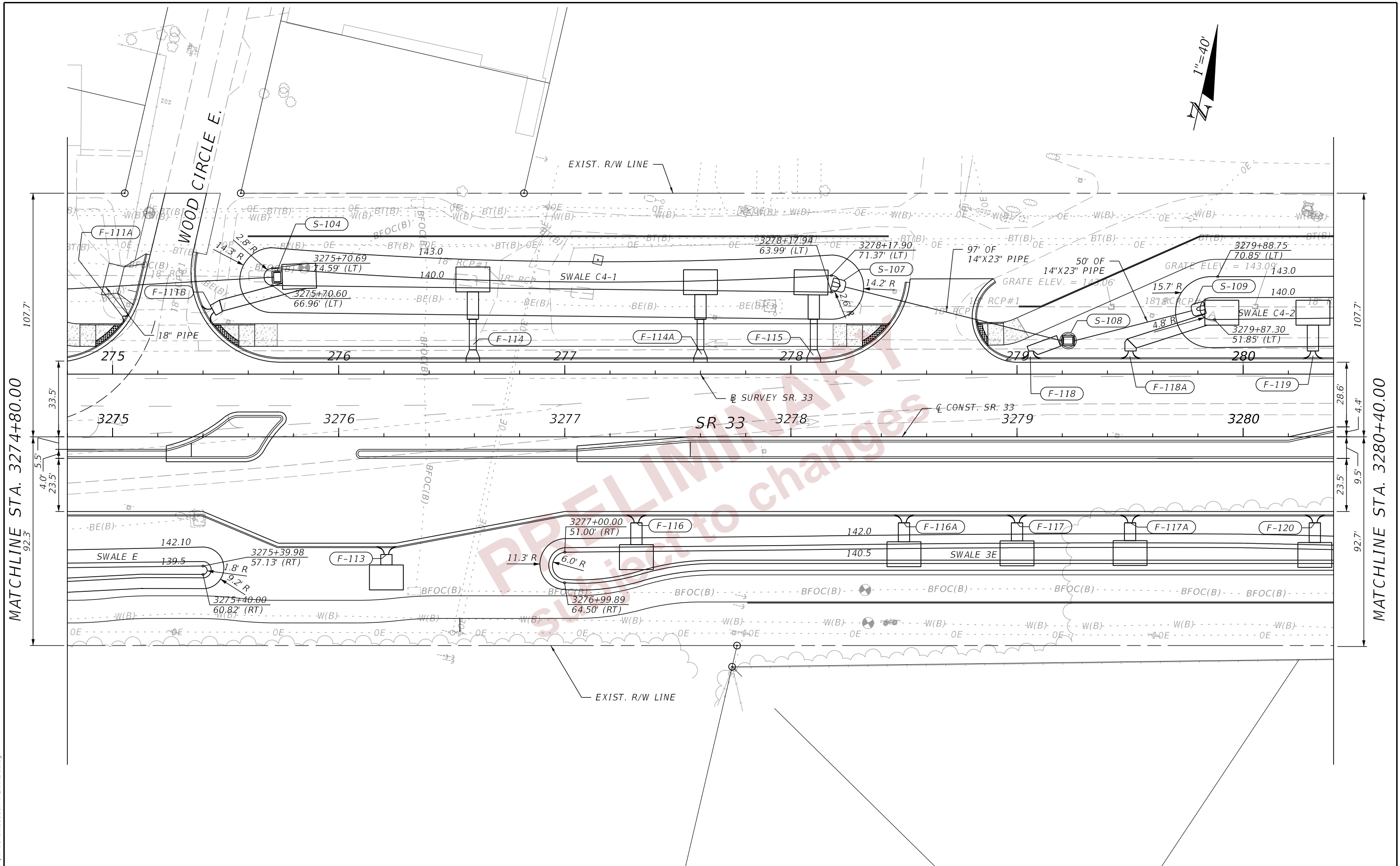


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (02)

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MATCHLINE STA. 3274+80.00

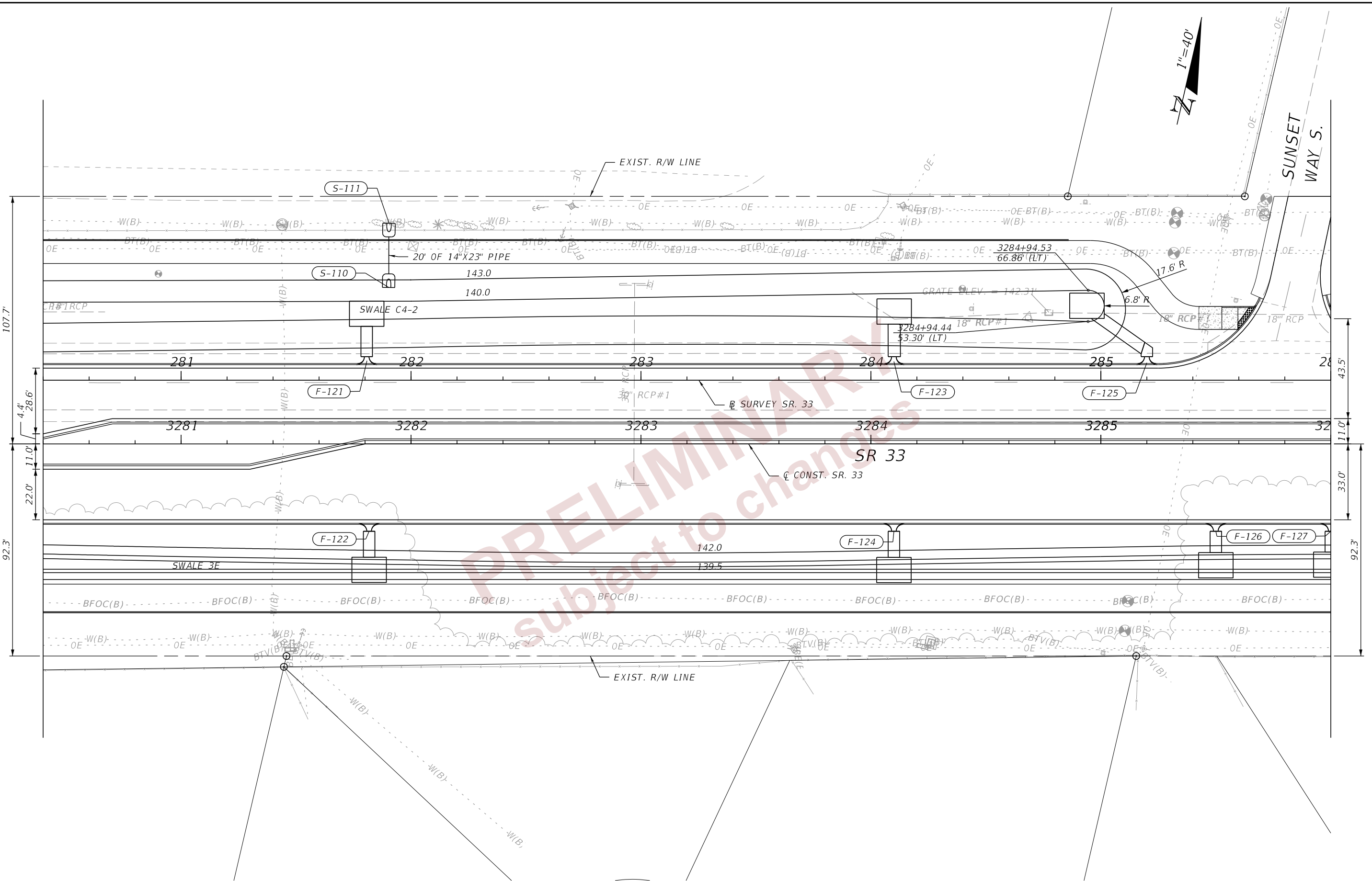
MATCHLINE STA. 3280+40.00

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	DRAINAGE PLANS (03) 57

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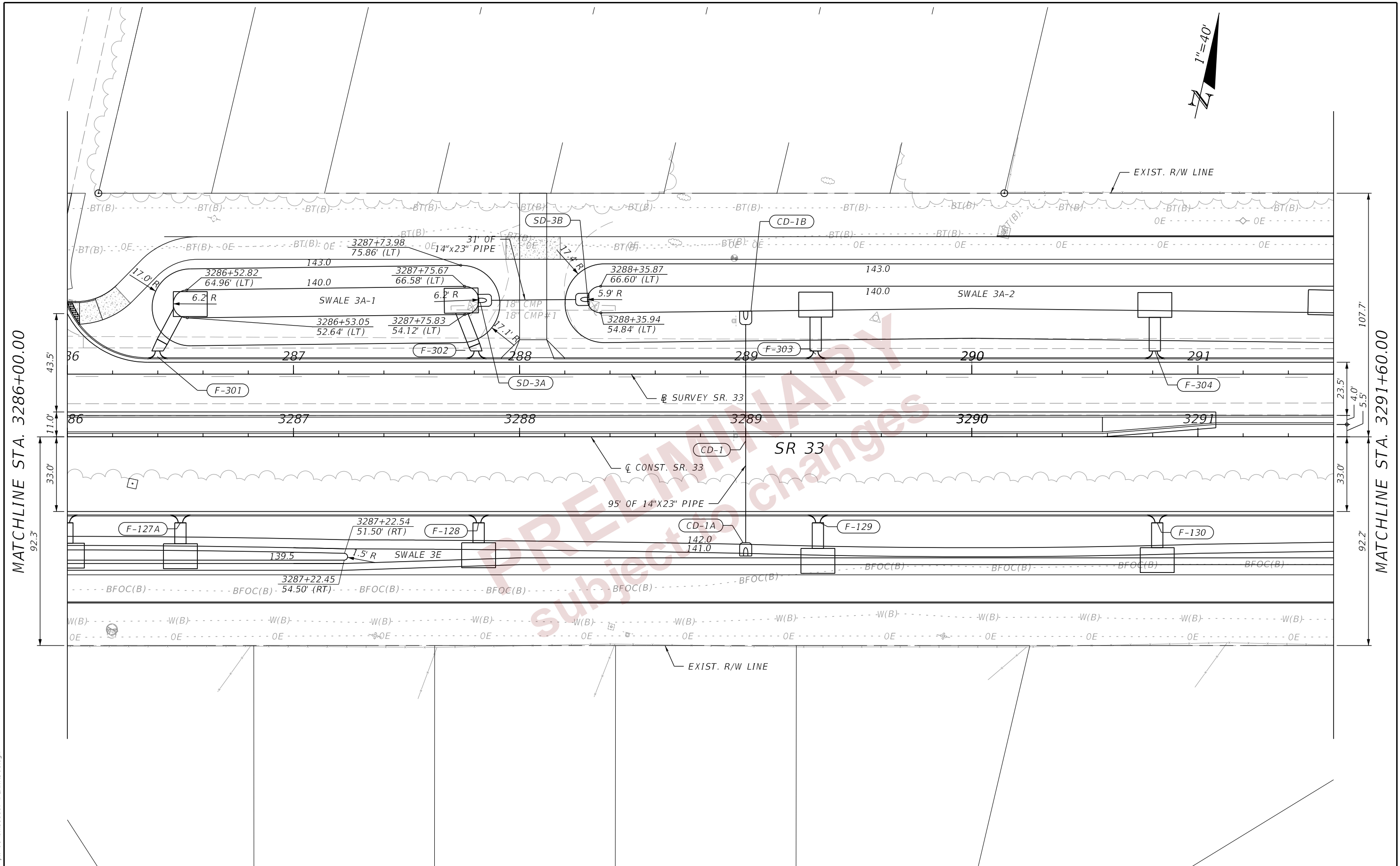
MATCHLINE STA. 3280+40.00



MATCHLINE STA. 3286+00.00

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

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (04)										



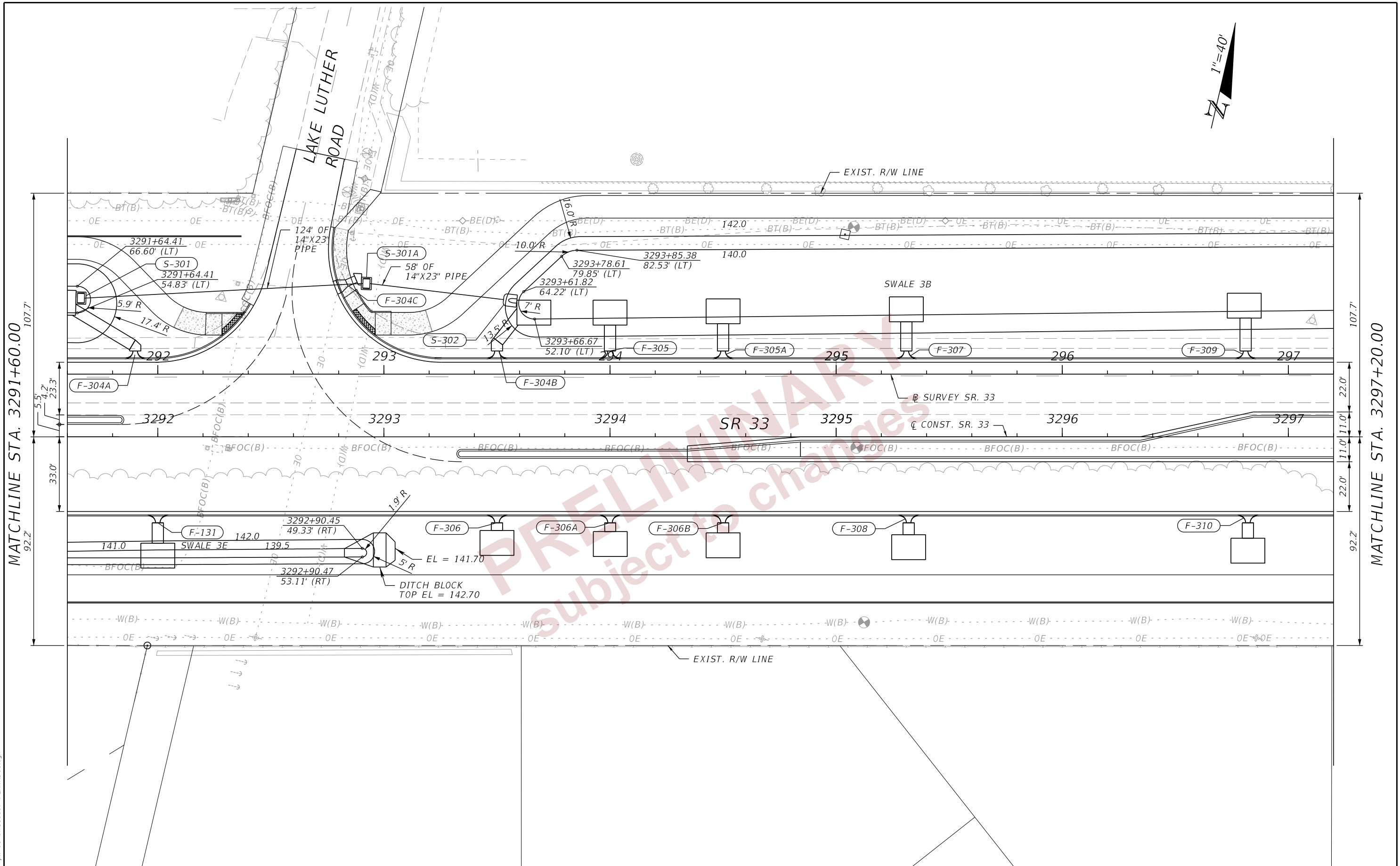
MATCHLINE STA. 3286+00.00

MATCHLINE STA. 3291+60.00

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (05)									59



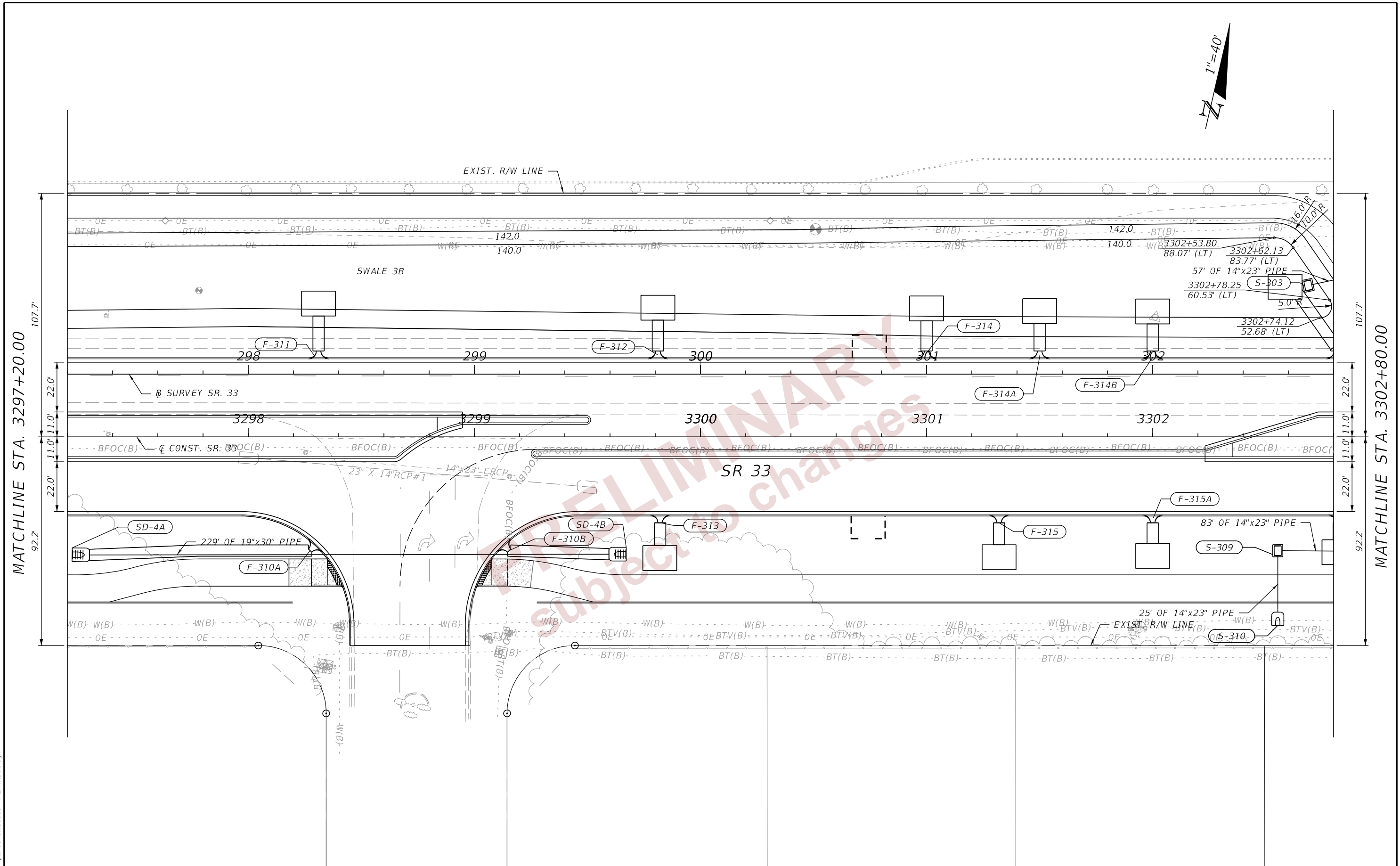
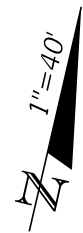
MATCHLINE STA. 3291+60.00

MATCHLINE STA. 3297+20.00

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (06)									60



MATCHLINE STA. 3297+20.00

MATCHLINE STA. 3302+80.00

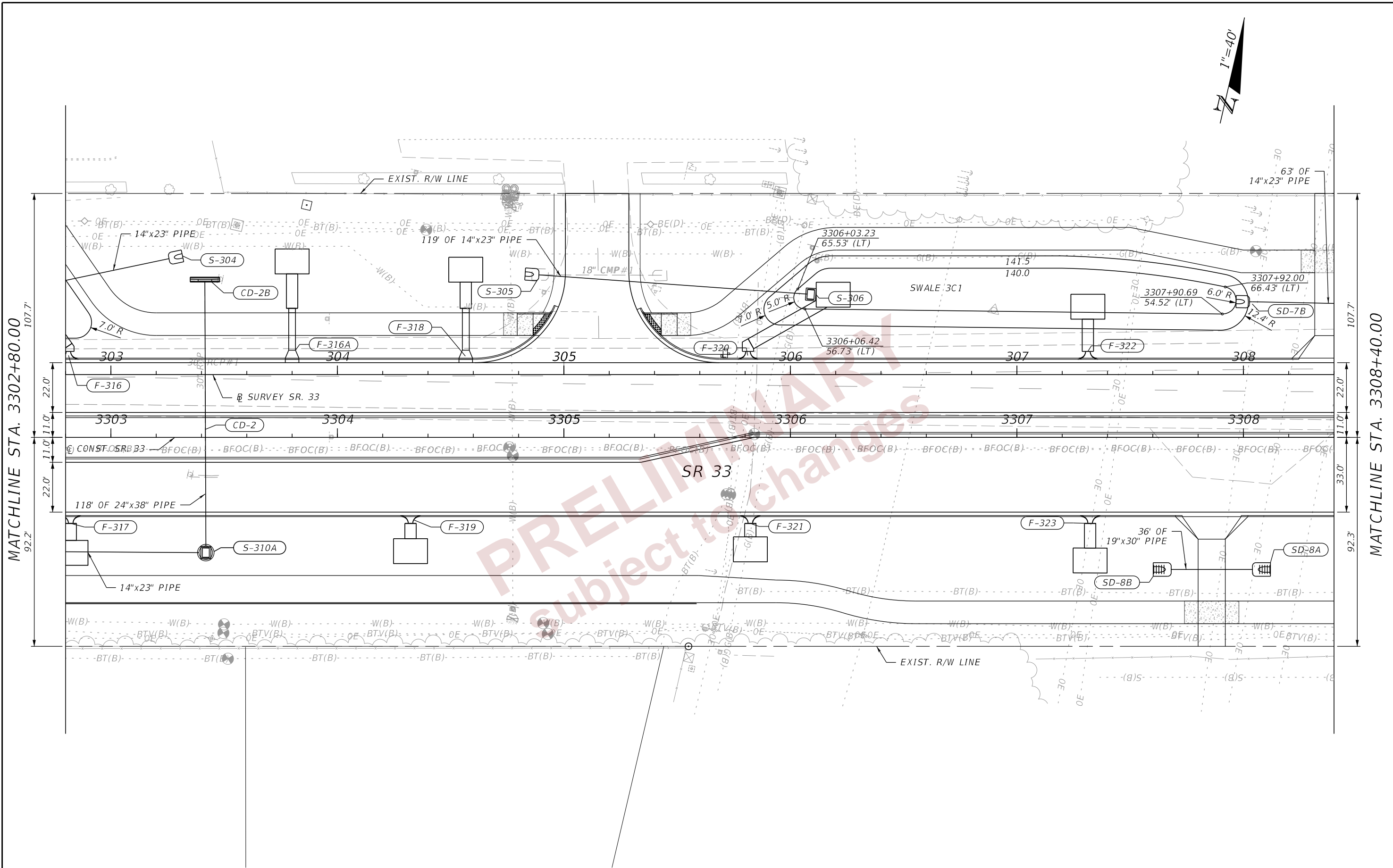
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (07)

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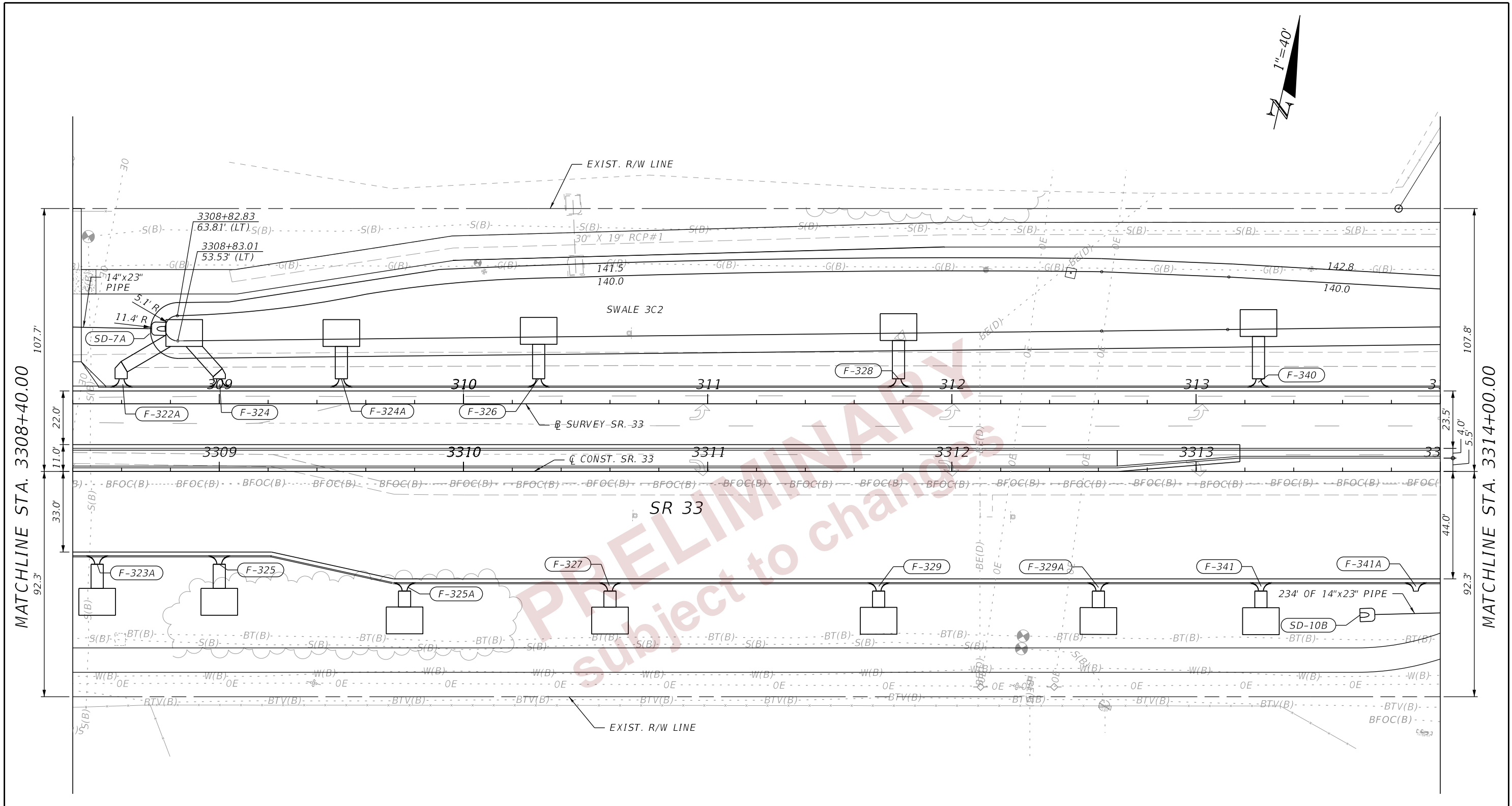


MATCHLINE STA. 3302+80.00

MATCHLINE STA. 3308+40.00

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (08)									62	

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

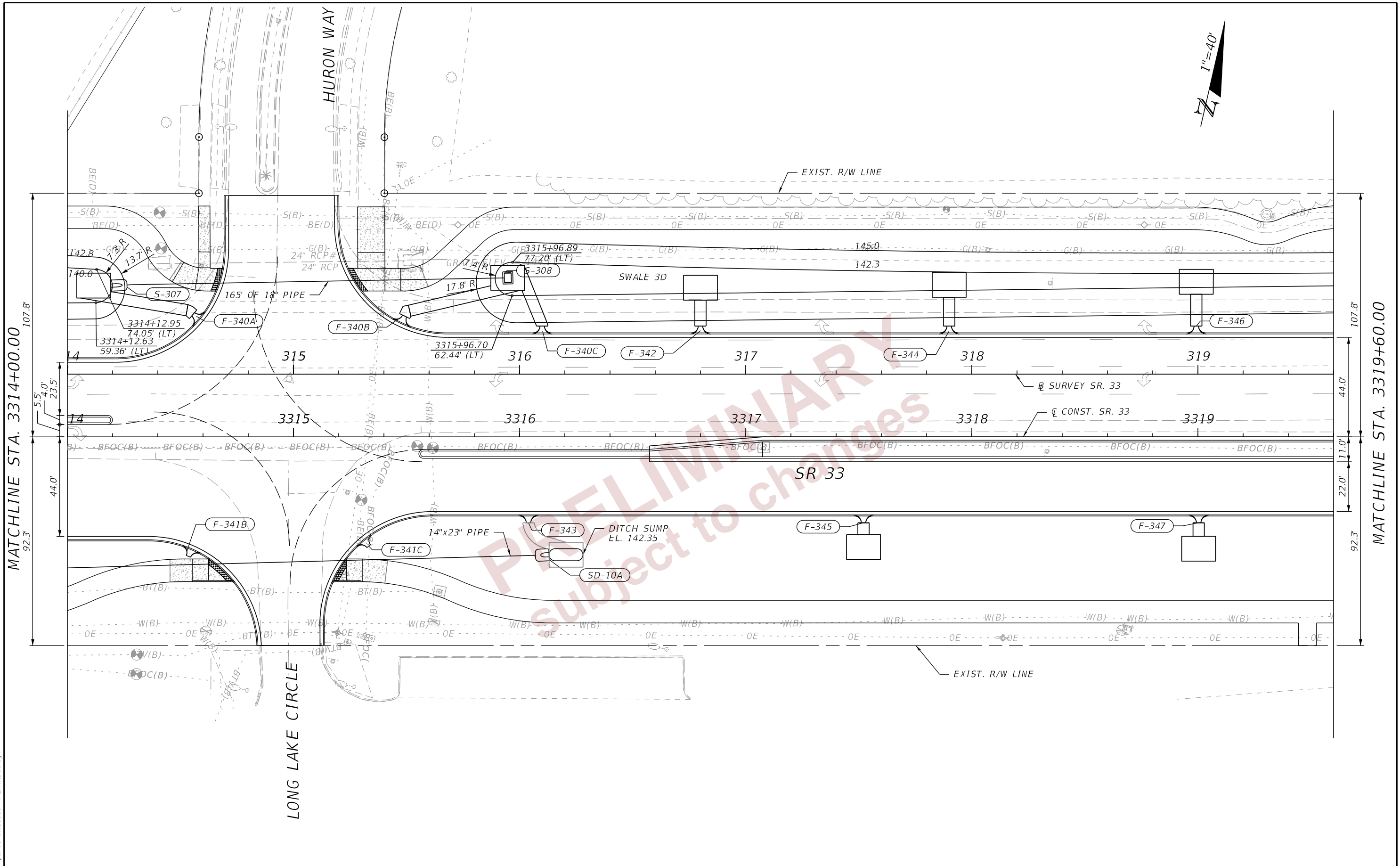
DRAINAGE PLANS (09)

63

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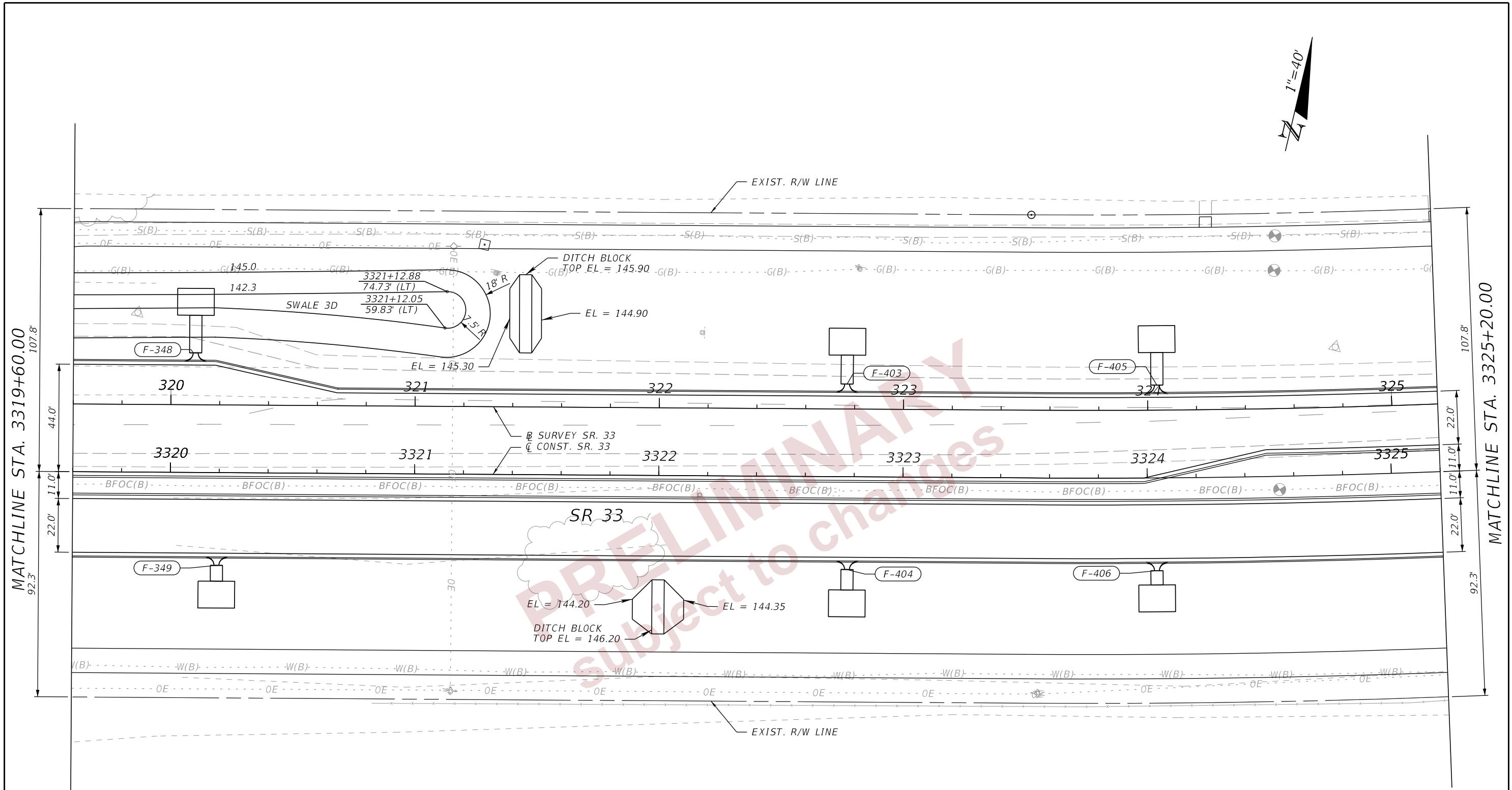
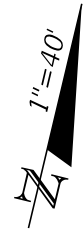
MATCHLINE STA. 3314+00.00

MATCHLINE STA. 3319+60.00



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (10)									64

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MATCHLINE STA. 3319+60.00
107.8'
44.0'
11.0'
22.0'
92.3'

MATCHLINE STA. 3325+20.00
107.8'
22.0'
11.0'
22.0'
92.3'

2/29/2024 6:33:28 PM ANDRES.FERNANDEZ
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

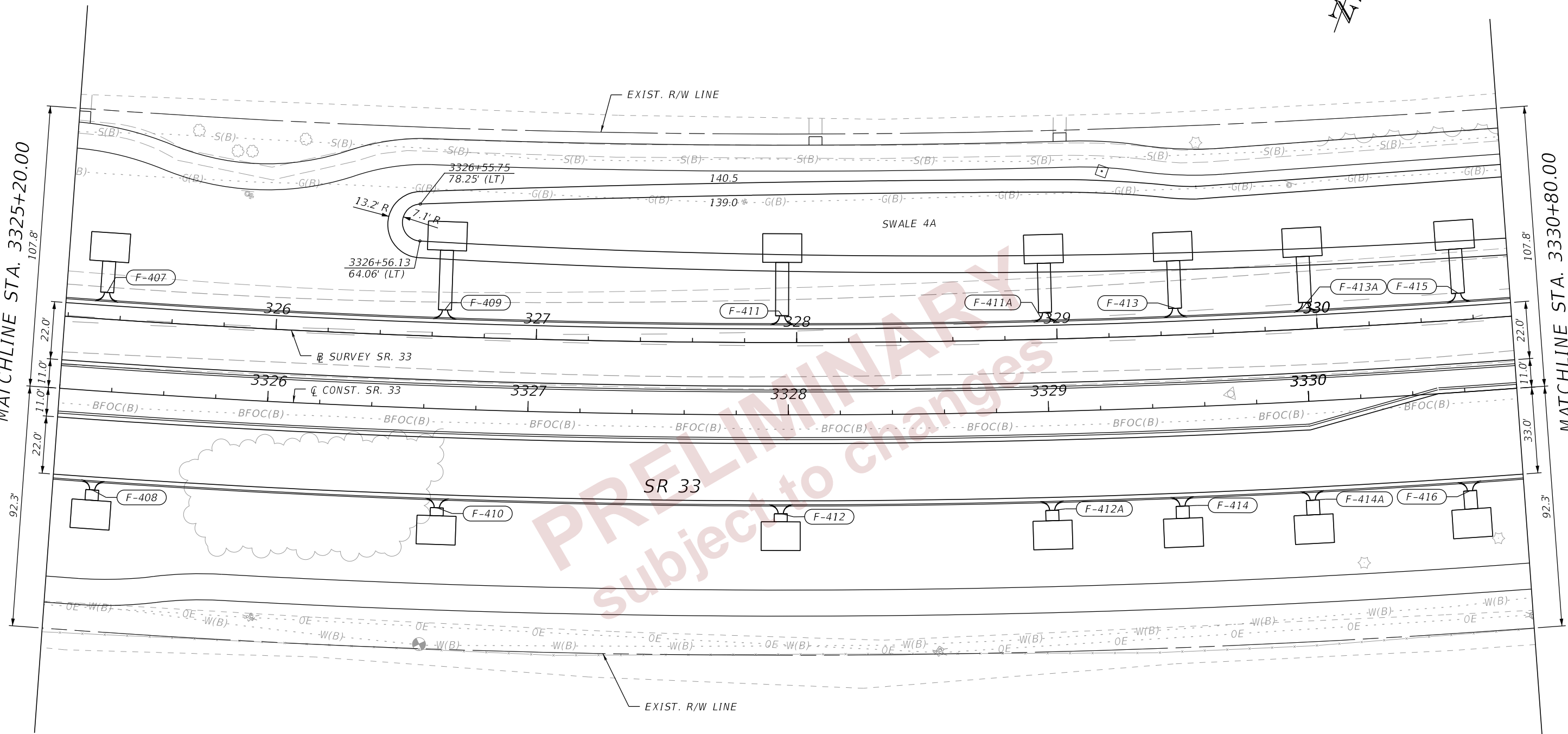
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 65
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (11)



MATCHLINE STA. 3325+20.00

MATCHLINE STA. 3330+80.00



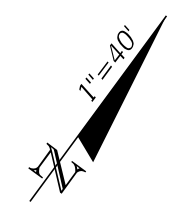
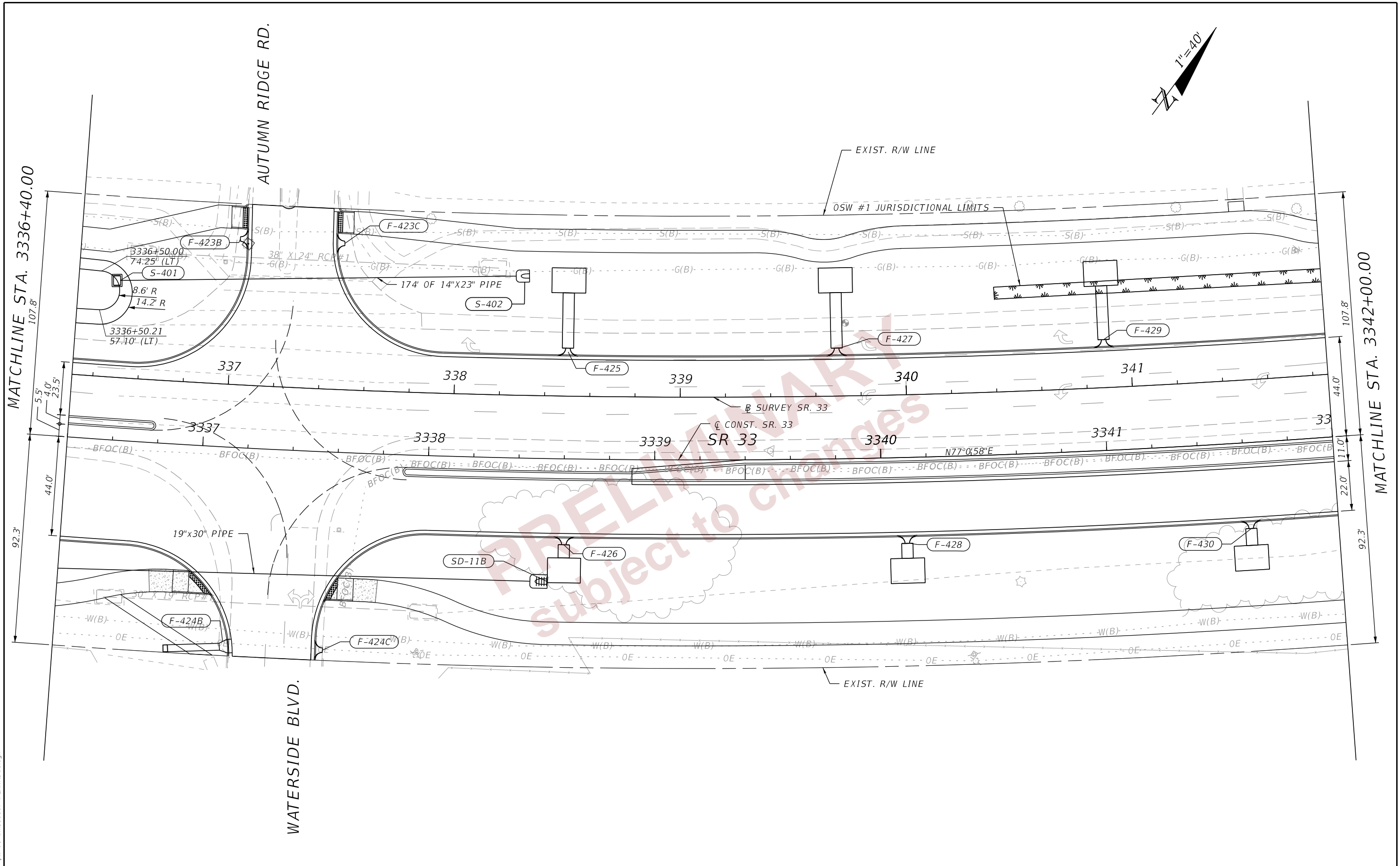
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (12)

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MATCHLINE STA. 3336+40.00

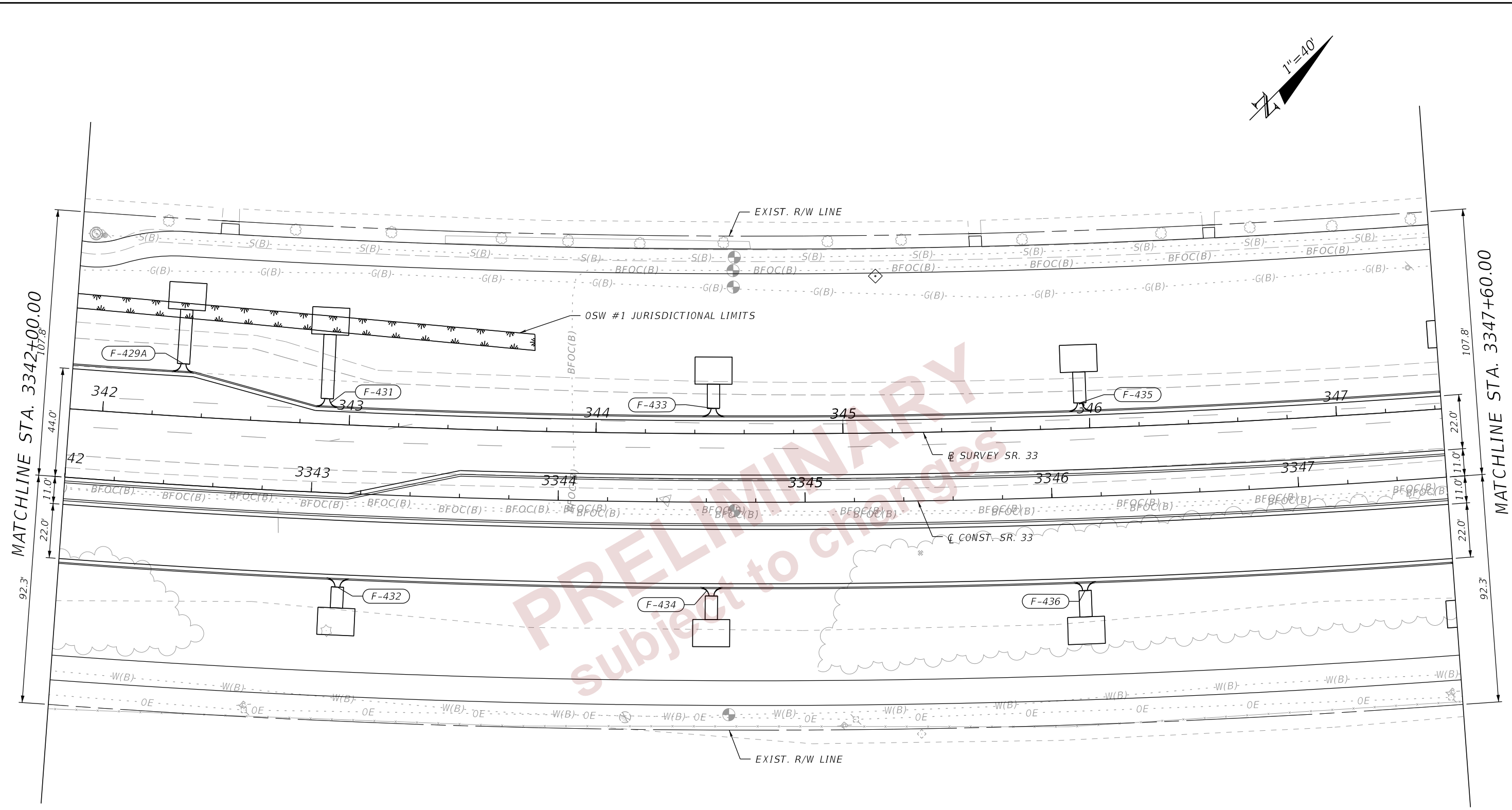
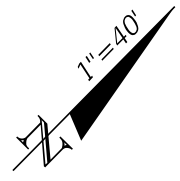
MATCHLINE STA. 3342+00.00

AUTUMN RIDGE RD.

WATERSIDE BLVD.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (14)									68

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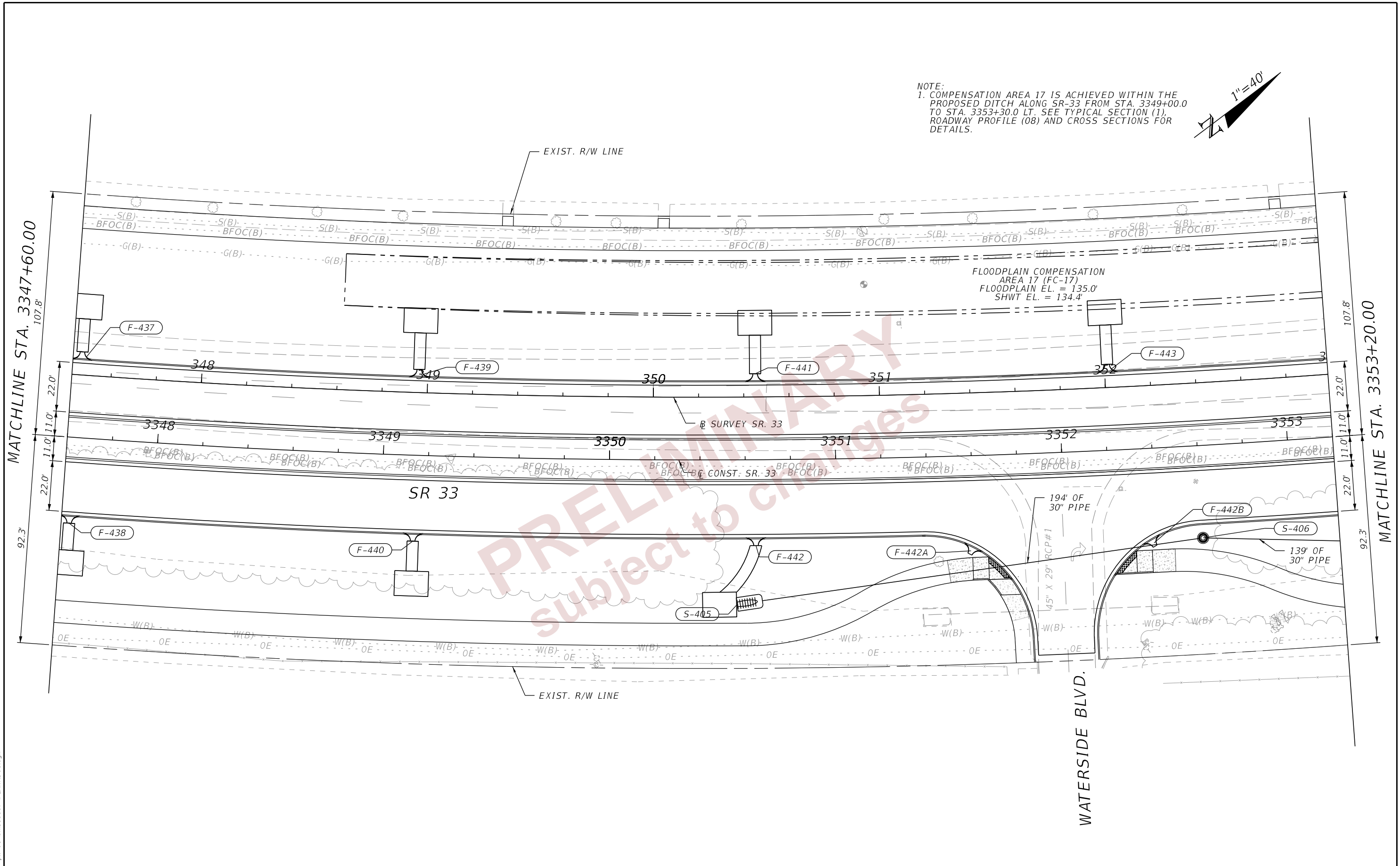
PRELIMINARY
 subject to changes

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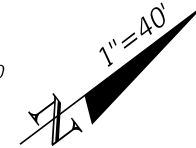
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PLANS (15)	SHEET NO. 69
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		

2/29/2024 6:33:30 PM ANDRES.FERNANDEZ
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NOTE:
 1. COMPENSATION AREA 17 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG SR-33 FROM STA. 3349+00.0 TO STA. 3353+30.0 LT. SEE TYPICAL SECTION (1), ROADWAY PROFILE (08) AND CROSS SECTIONS FOR DETAILS.



MATCHLINE STA. 3347+60.00

MATCHLINE STA. 3353+20.00

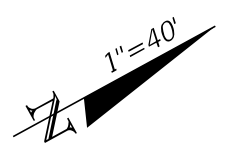
WATERSIDE BLVD.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (16)

70

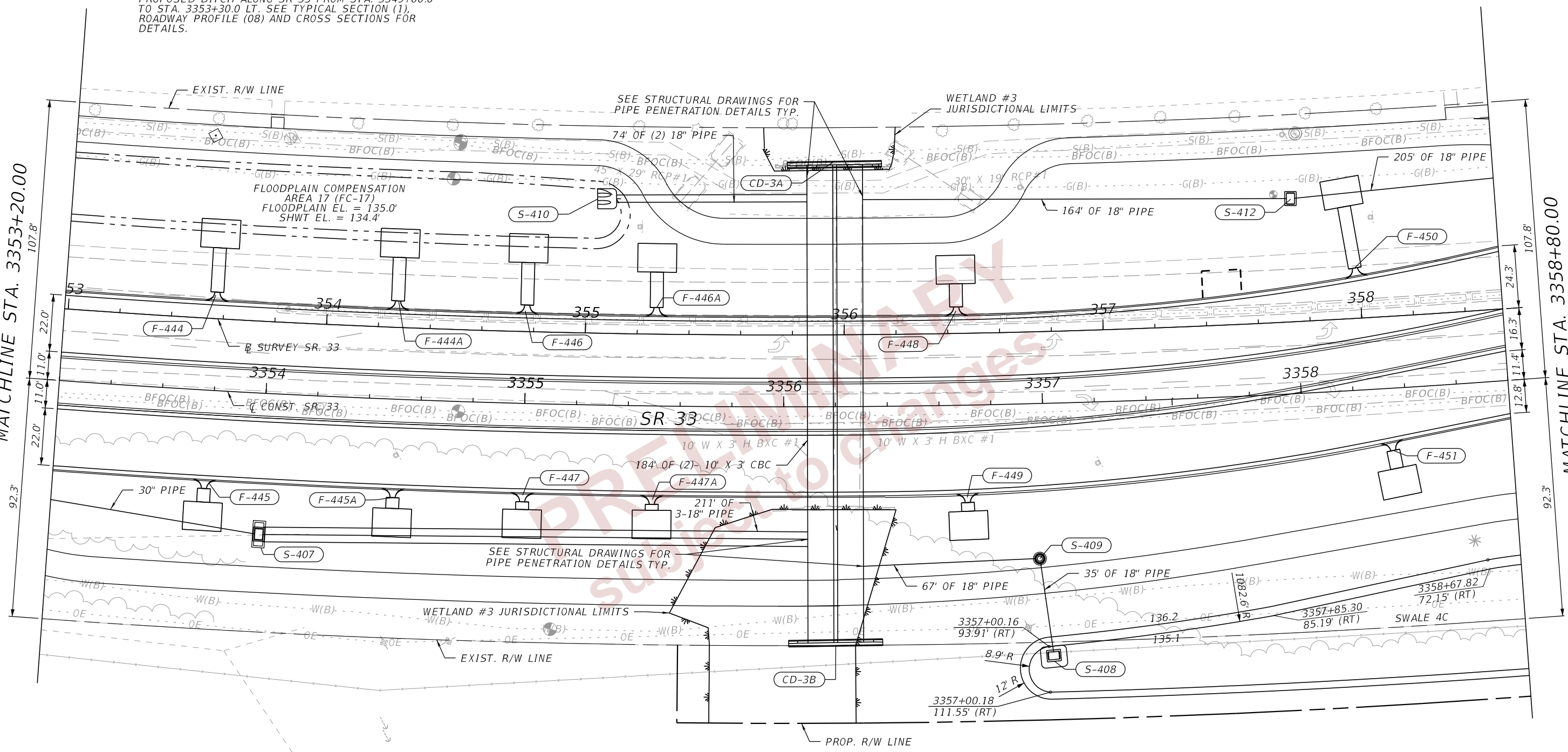
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE:
 1. COMPENSATION AREA 17 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG SR-33 FROM STA. 3349+00.0 TO STA. 3353+30.0 LT. SEE TYPICAL SECTION (1), ROADWAY PROFILE (08) AND CROSS SECTIONS FOR DETAILS.

MATCHLINE STA. 3353+20.00

MATCHLINE STA. 3358+80.00

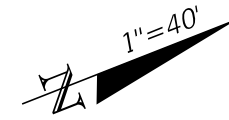


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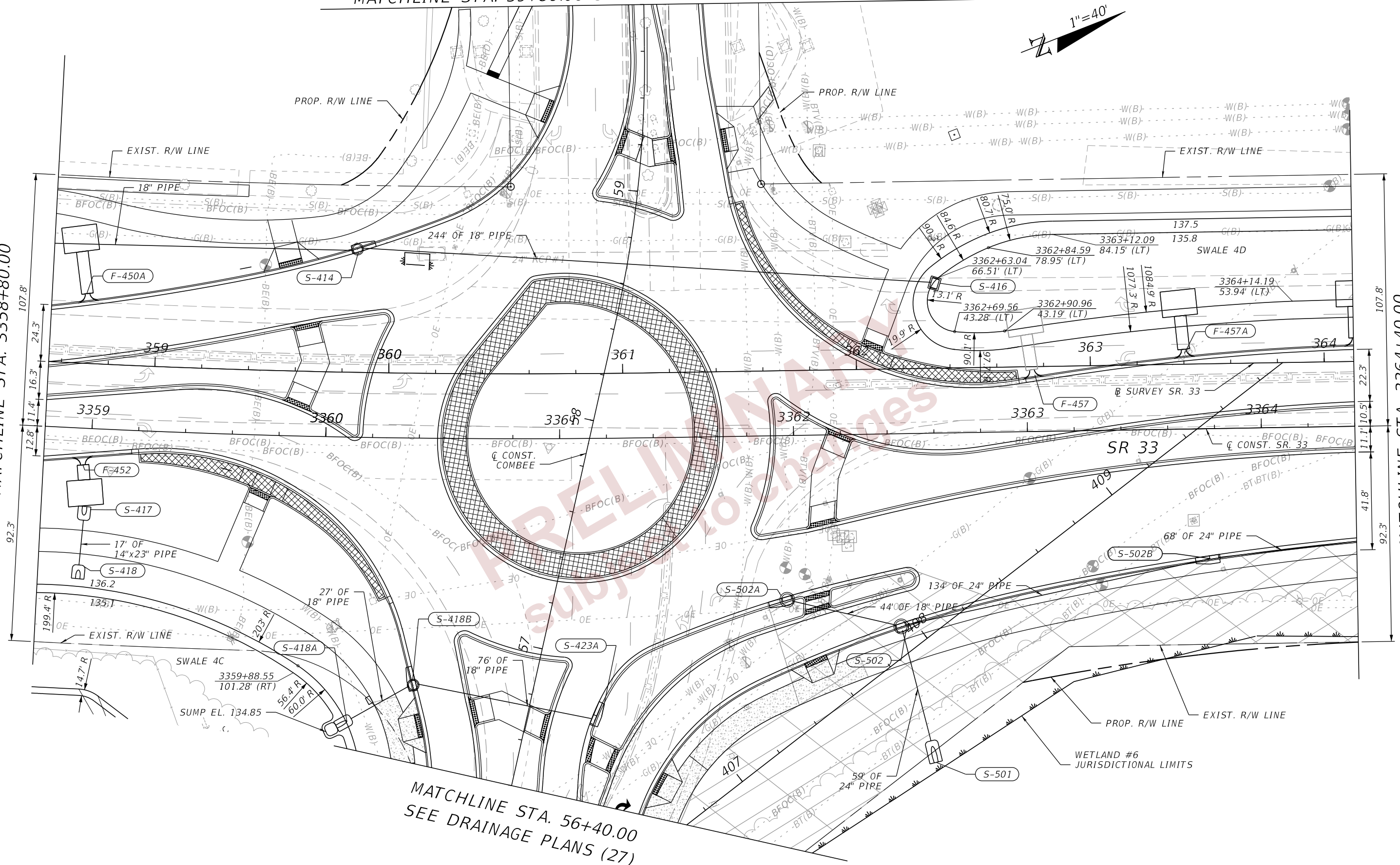
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (17)									71

MATCHLINE STA. 59+80.00 SEE DRAINAGE PLANS (28)



MATCHLINE STA. 3358+80.00

MATCHLINE STA. 3364+40.00



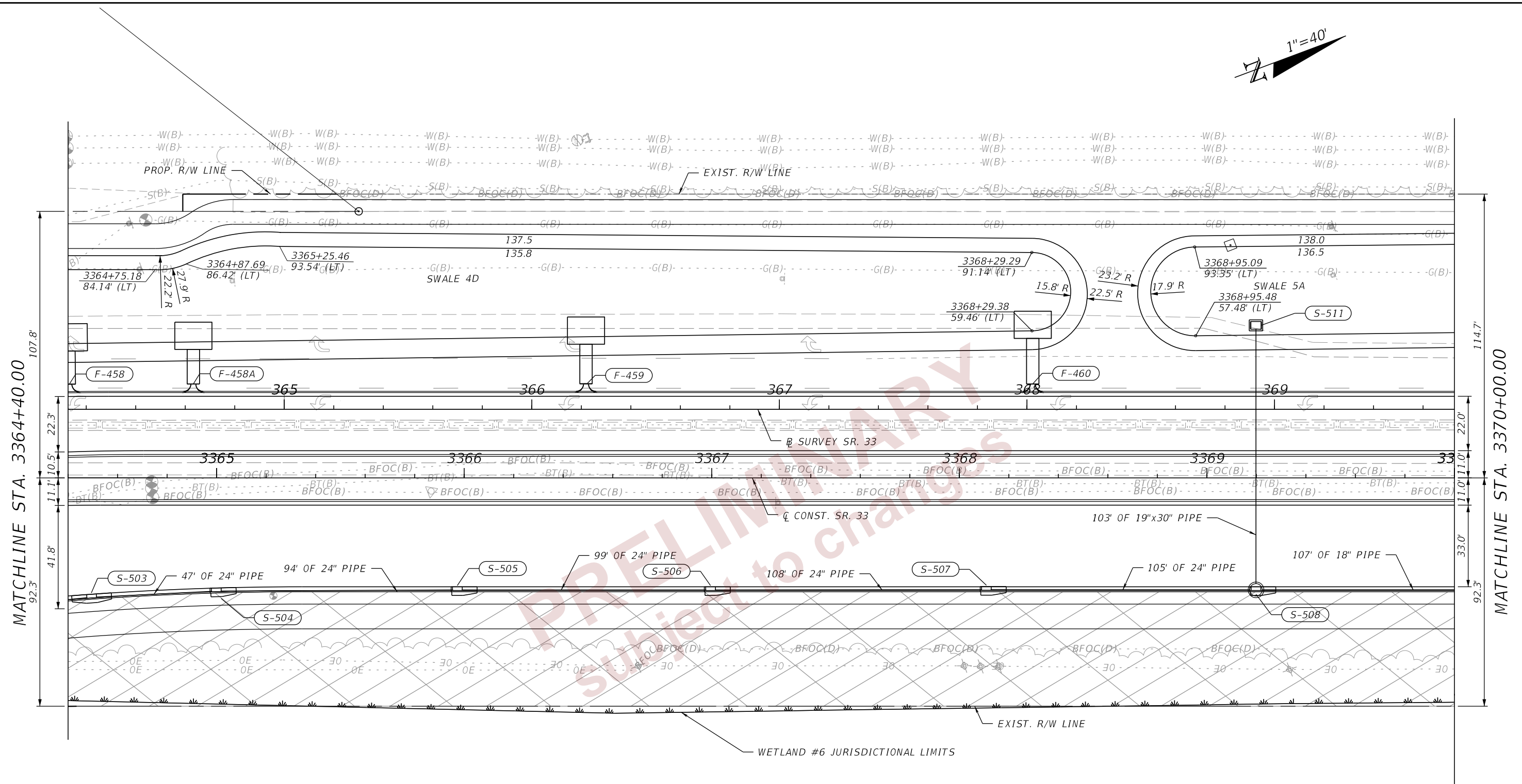
MATCHLINE STA. 56+40.00
SEE DRAINAGE PLANS (27)

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (18)							72

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1"=40'



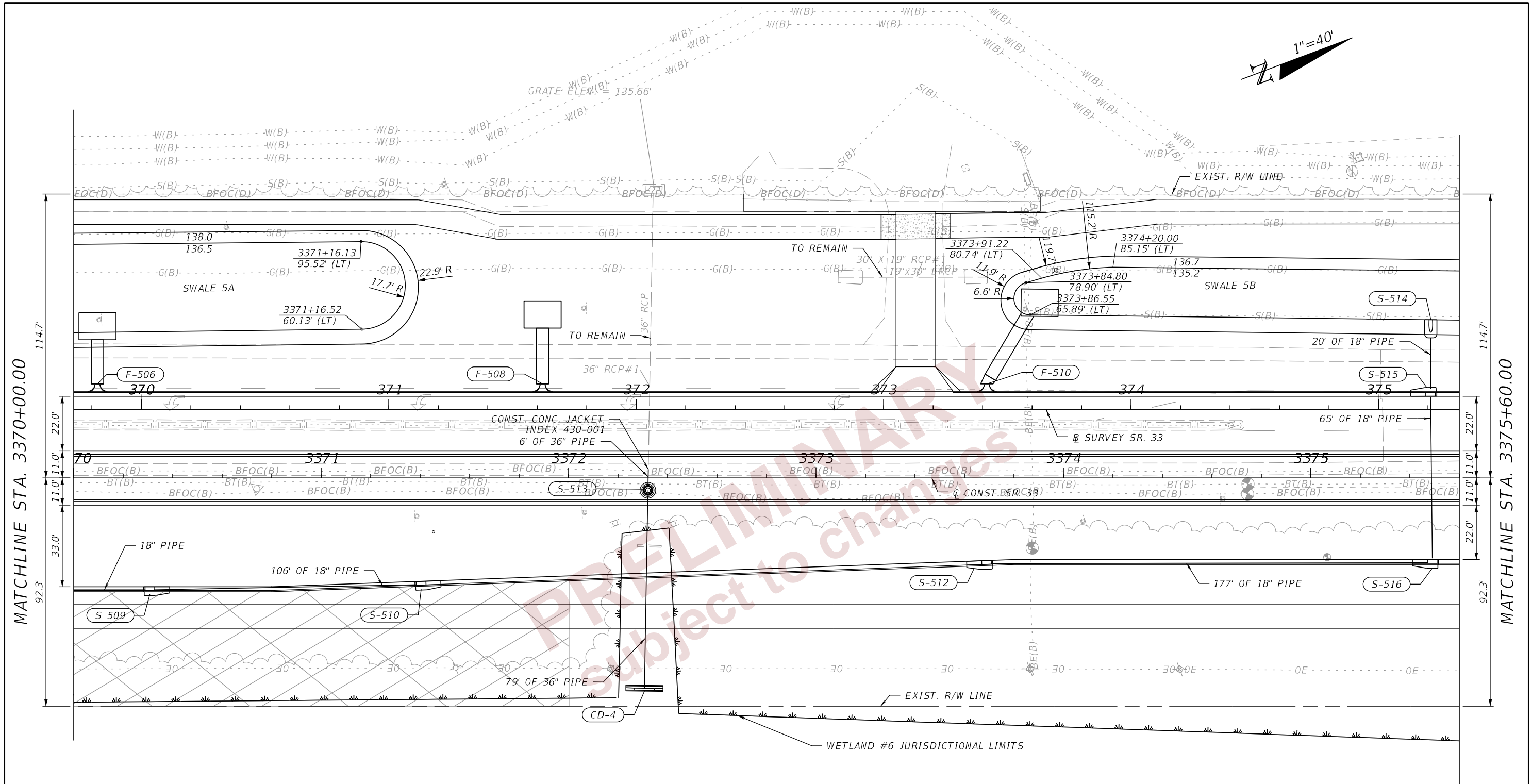
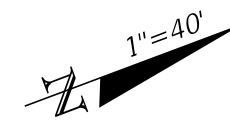
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (19)

73

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MATCHLINE STA. 3370+00.00

MATCHLINE STA. 3375+60.00

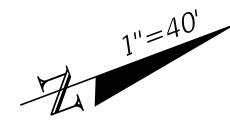
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (20)

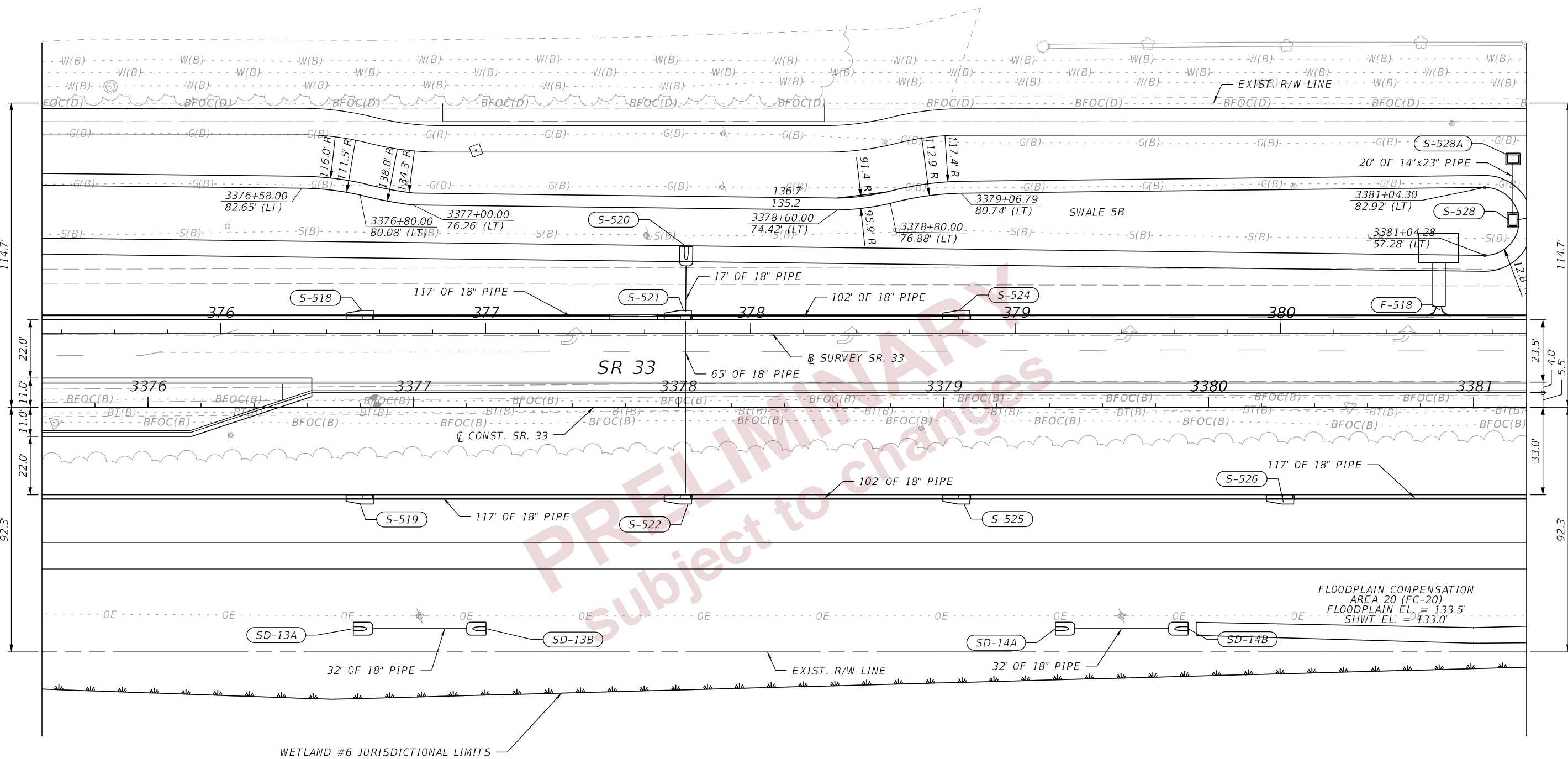
74

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MATCHLINE STA. 3375+60.00

MATCHLINE STA. 3381+20.00



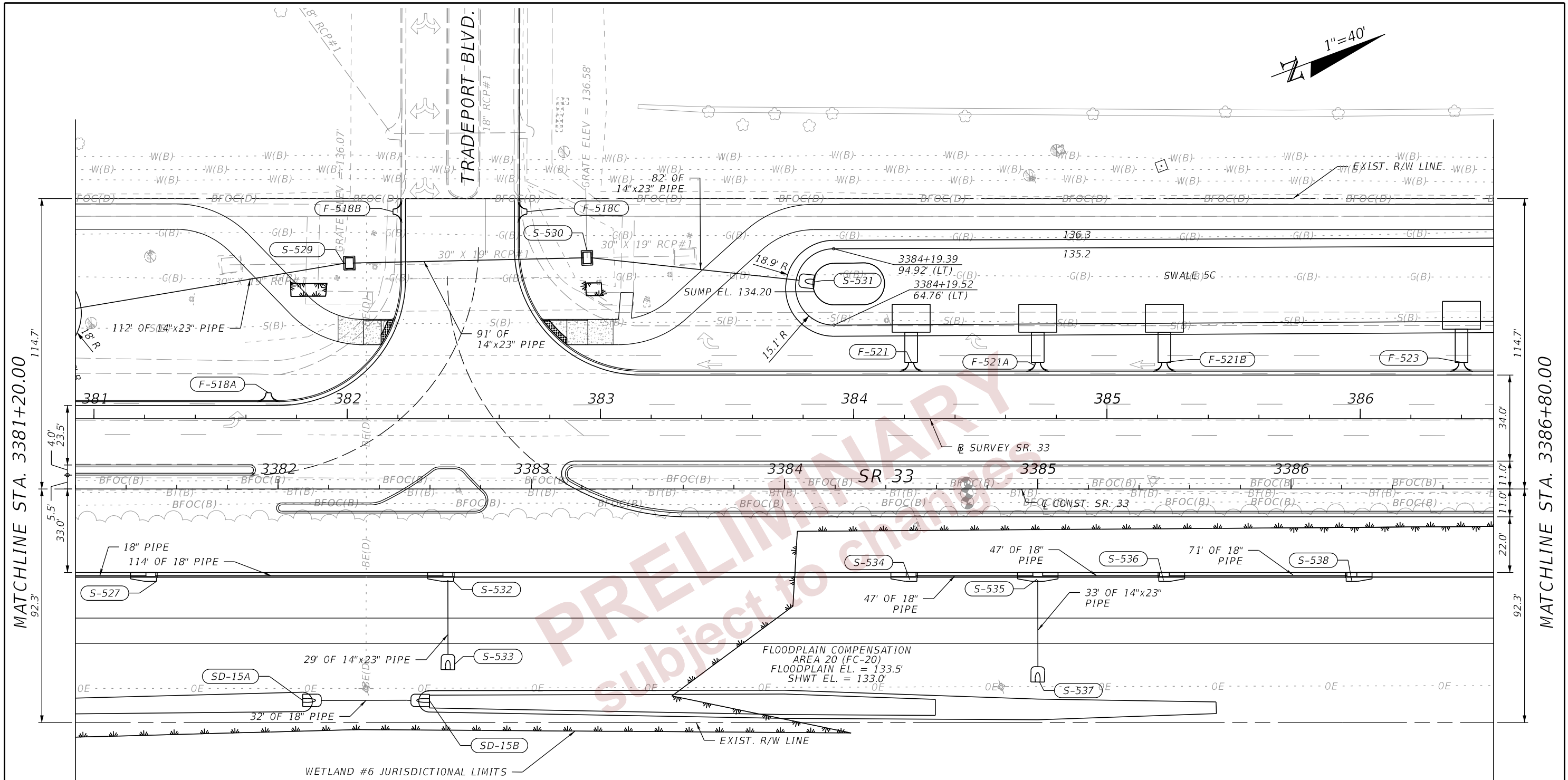
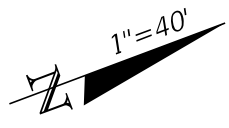
PRELIMINARY
 Subject to changes

NOTE:
 1. COMPENSATION AREA 20 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG SR-33 FROM STA. 3380+68.0 TO STA. 3385+00.0 RT. SEE TYPICAL SECTION (1), ROADWAY PROFILE (11) AND CROSS SECTIONS FOR DETAILS.

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PLANS (21)	SHEET NO. 75
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		



NOTE:
 1. COMPENSATION AREA 20 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG SR-33 FROM STA. 3380+68.0 TO STA. 3385+00.0 RT. SEE TYPICAL SECTION (1), ROADWAY PROFILE (11) AND CROSS SECTIONS FOR DETAILS.

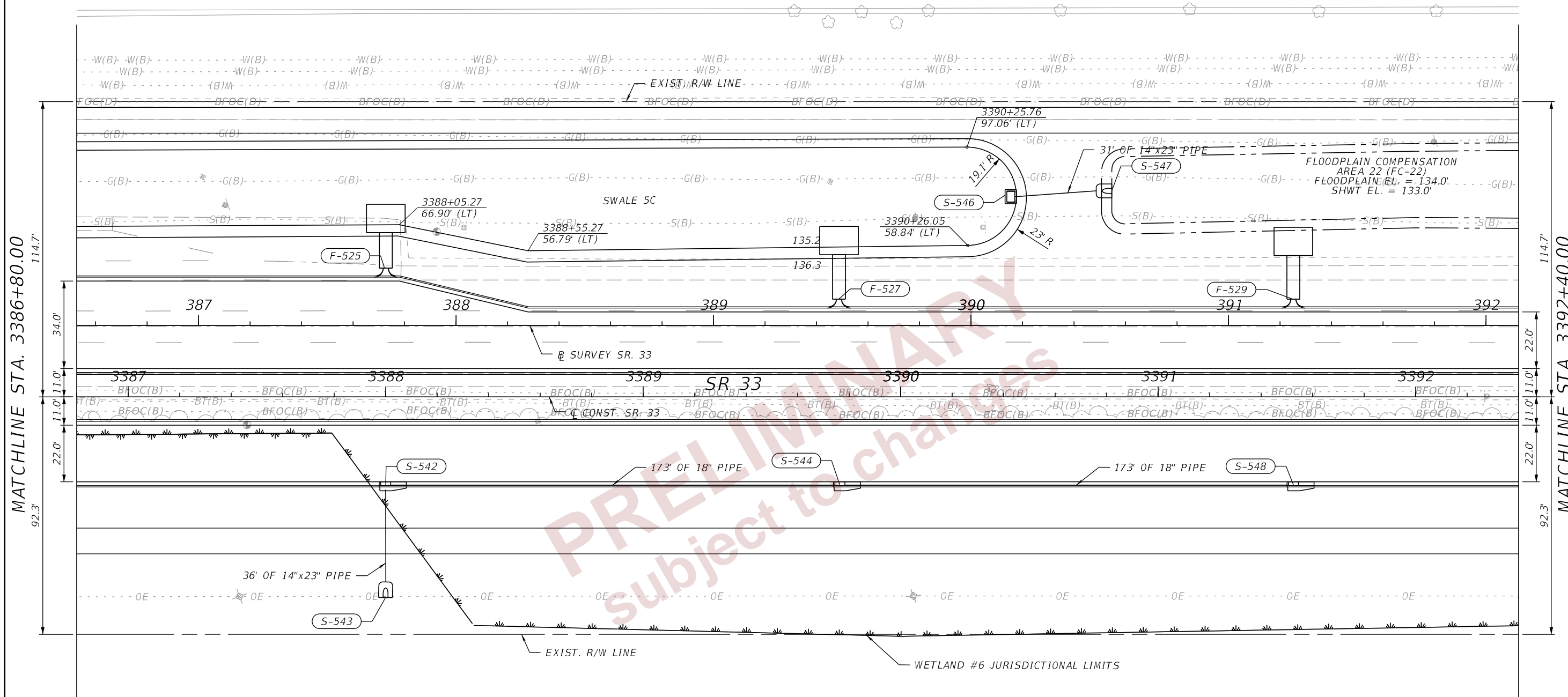
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (22)

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NOTE:
 1. COMPENSATION AREA 22 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG SR-33 FROM STA. 3390+50.0 TO STA. 3394+60.0 LT. SEE TYPICAL SECTION (1), ROADWAY PROFILE (12) AND CROSS SECTIONS FOR DETAILS.



MATCHLINE STA. 3386+80.00

MATCHLINE STA. 3392+40.00

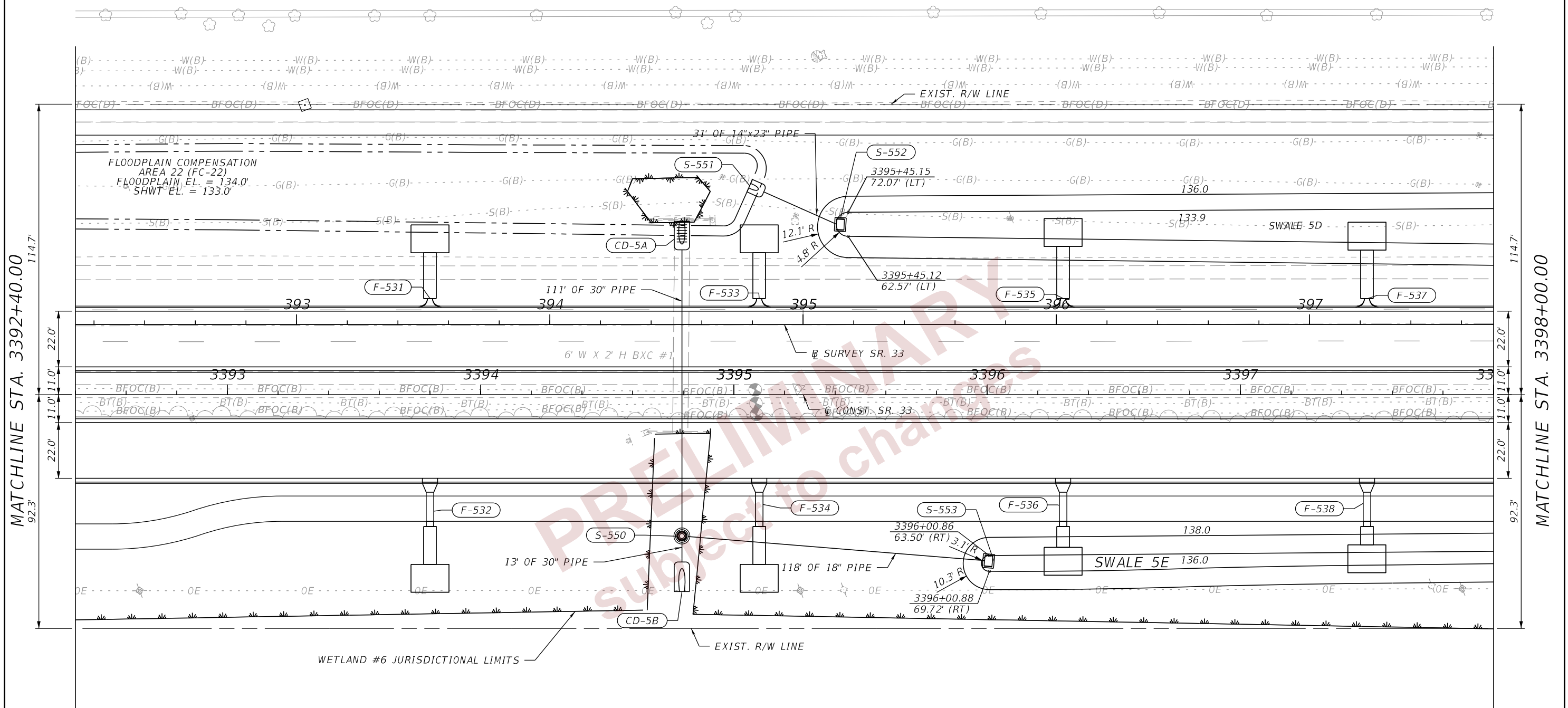
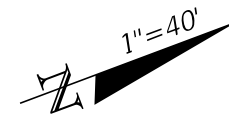
PRELIMINARY
Subject to changes

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PLANS (23)	SHEET NO. 77
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

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

NOTE:
 1. COMPENSATION AREA 22 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG SR-33 FROM STA. 3390+50.0 TO STA. 3394+60.0 LT. SEE TYPICAL SECTION (1), ROADWAY PROFILE (12) AND CROSS SECTIONS FOR DETAILS.



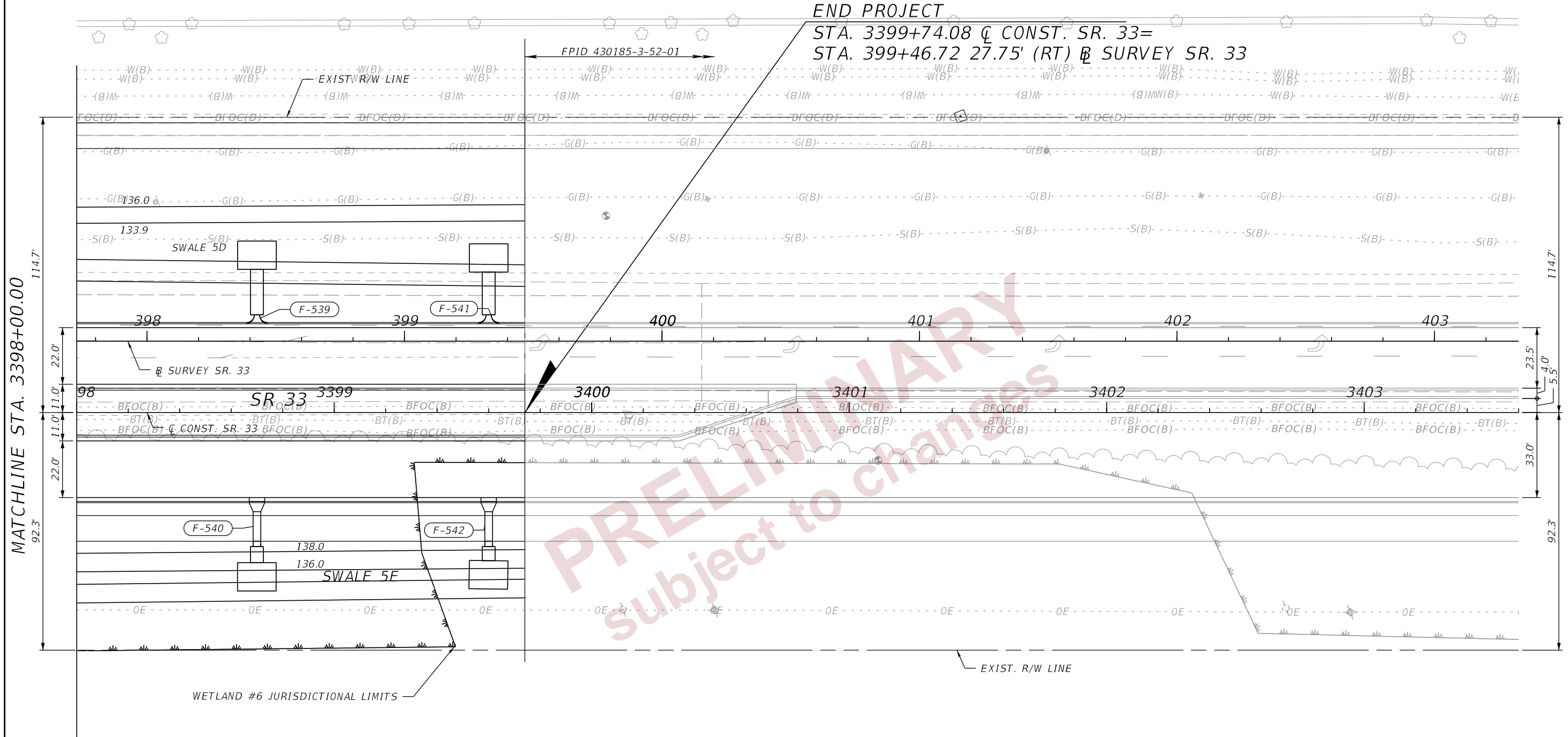
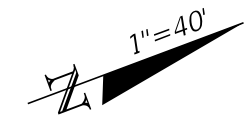
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

DRAINAGE PLANS (24)

78

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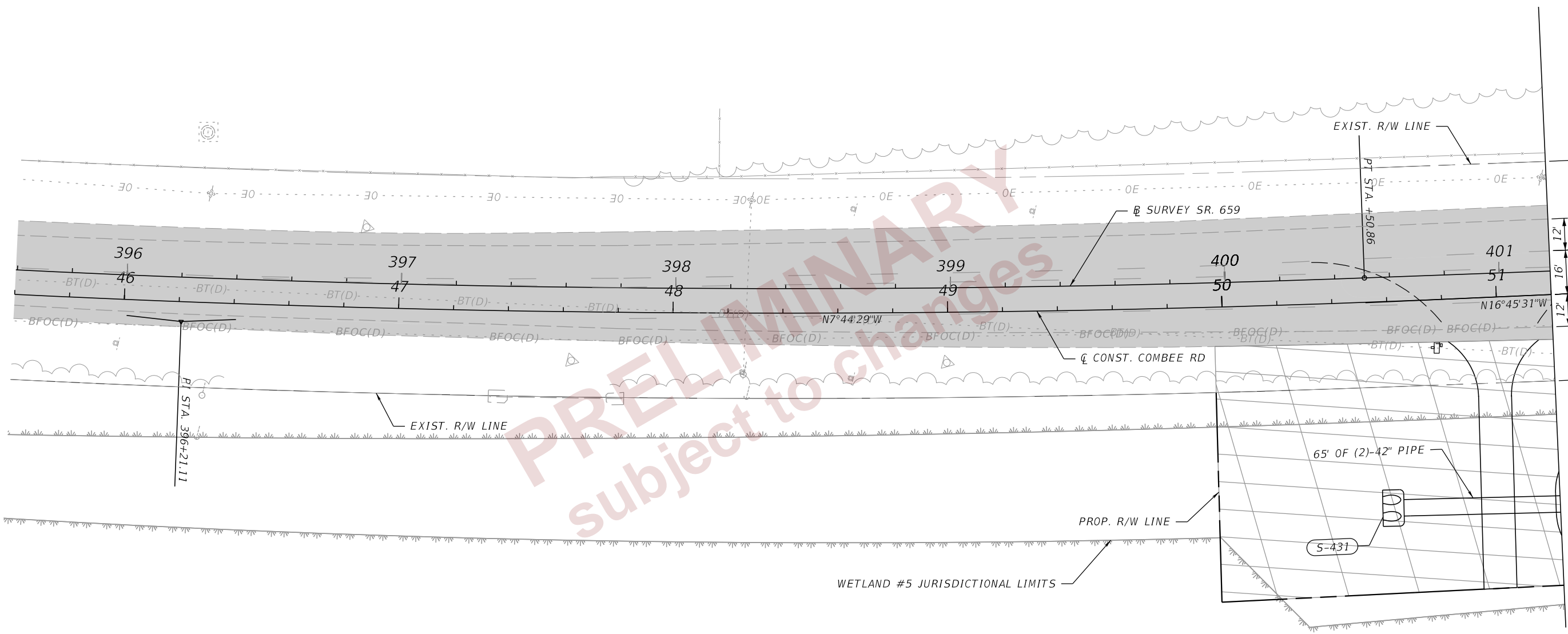
END PROJECT
 STA. 3399+74.08 \bar{C} CONST. SR. 33=
 STA. 399+46.72 27.75' (RT) \bar{C} SURVEY SR. 33

MATCHLINE STA. 3398+00.00

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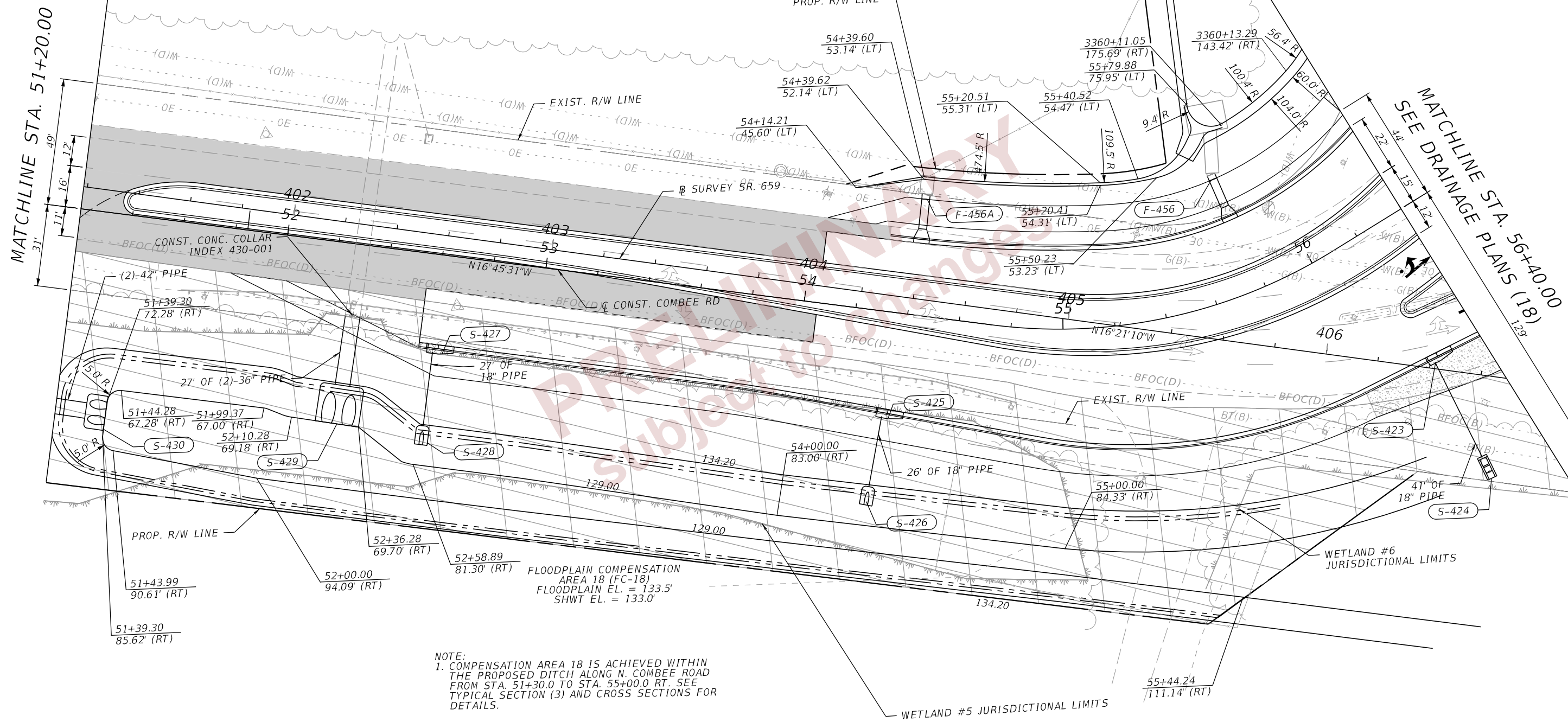
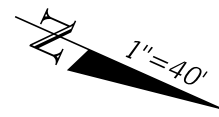
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	79
DRAINAGE PLANS (25)									



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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

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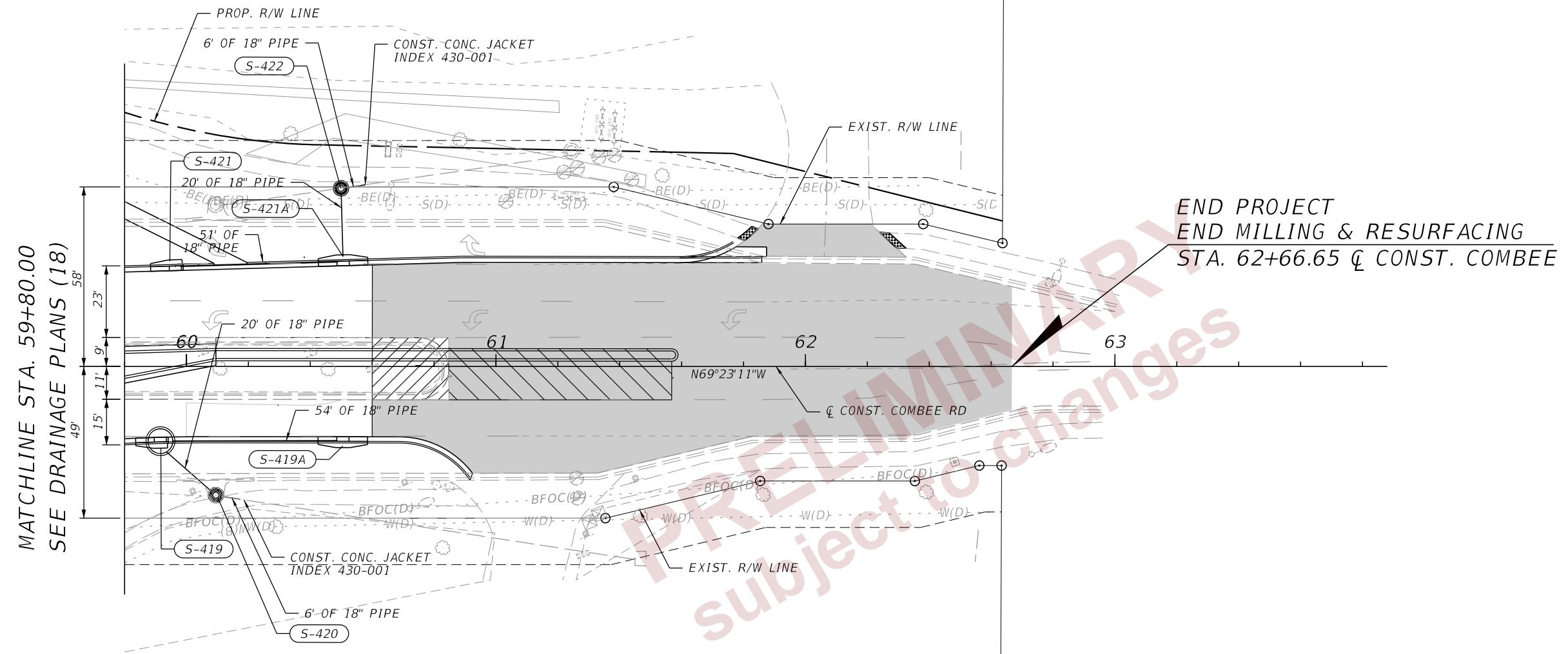
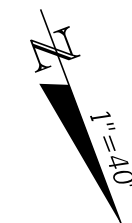


NOTE:
 1. COMPENSATION AREA 18 IS ACHIEVED WITHIN THE PROPOSED DITCH ALONG N. COMBEE ROAD FROM STA. 51+30.0 TO STA. 55+00.0 RT. SEE TYPICAL SECTION (3) AND CROSS SECTIONS FOR DETAILS.

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	
DRAINAGE PLANS (27)									81



MATCHLINE STA. 59+80.00
SEE DRAINAGE PLANS (18)

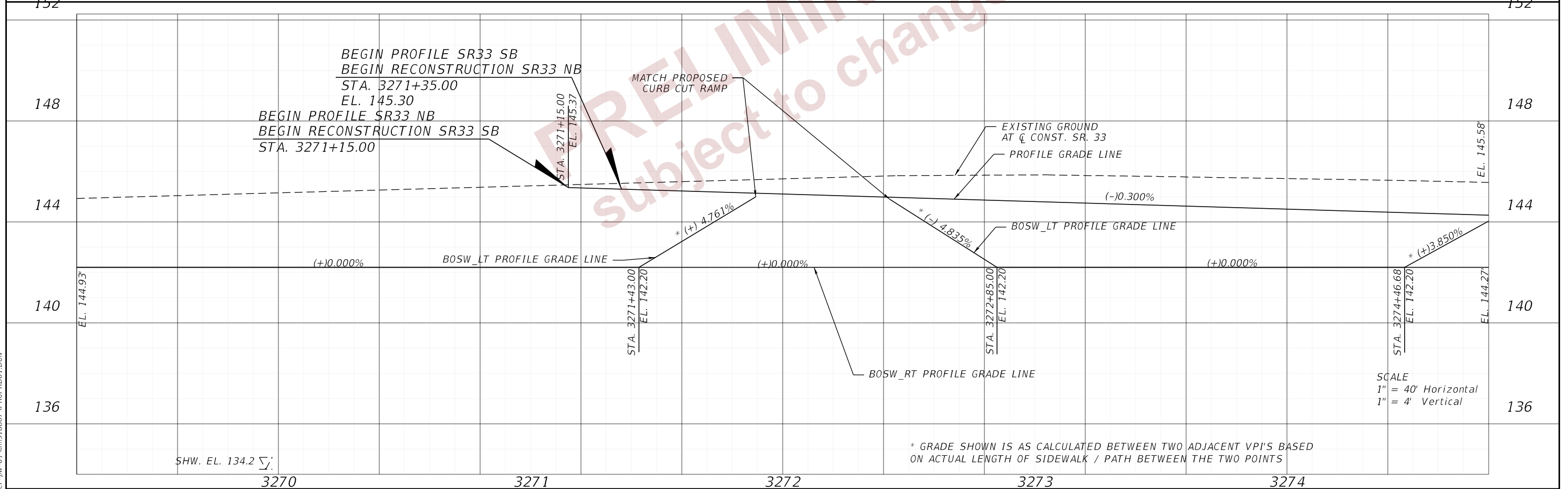
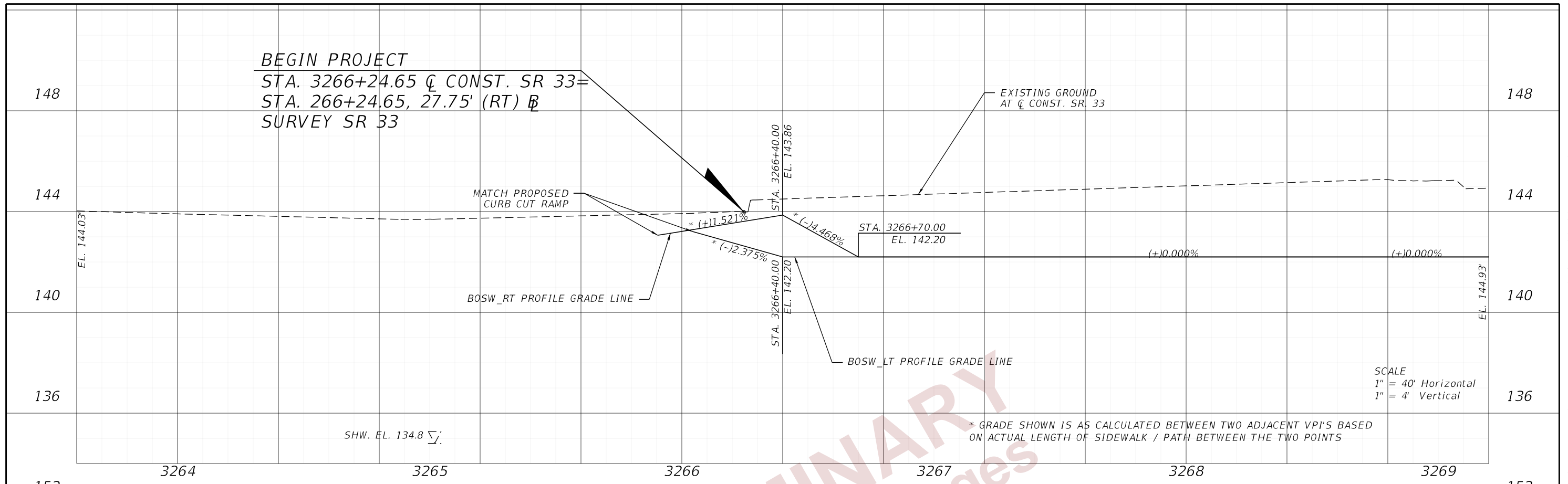
END PROJECT
END MILLING & RESURFACING
STA. 62+66.65 \bar{C} CONST. COMBEE

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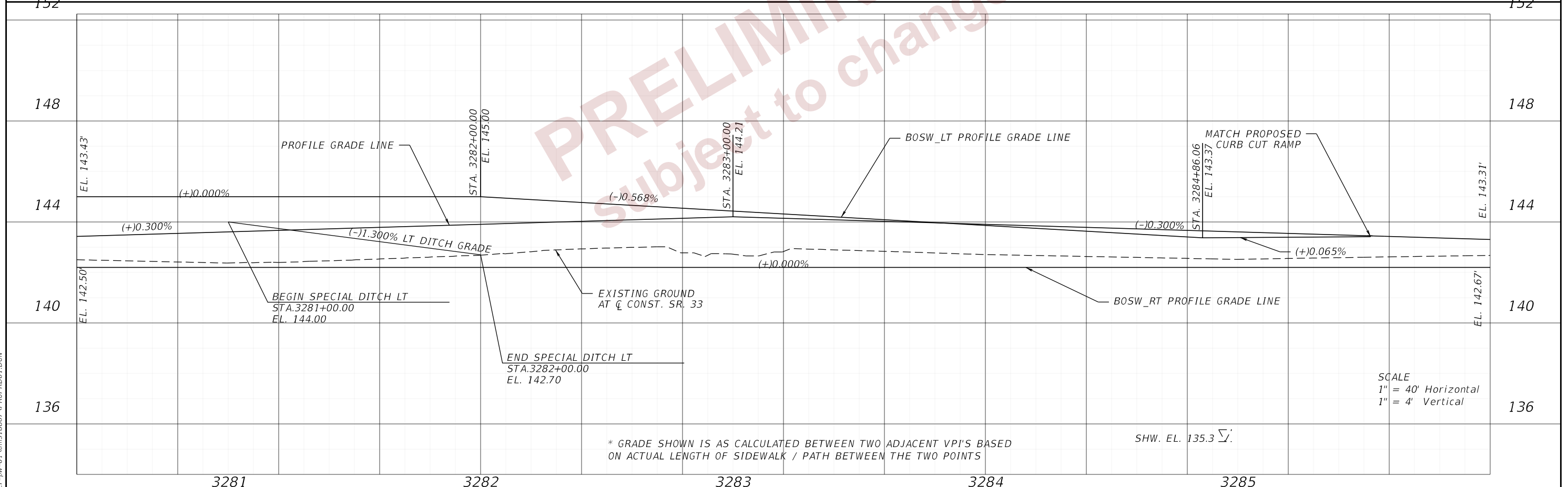
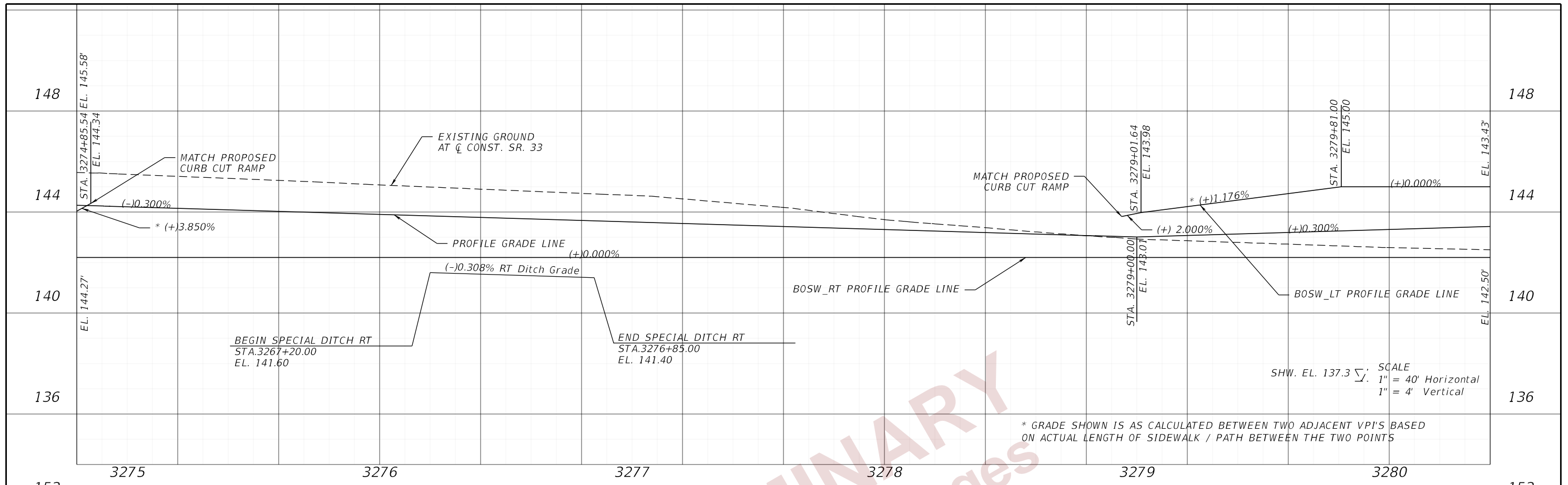
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PLANS (28)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		POLK



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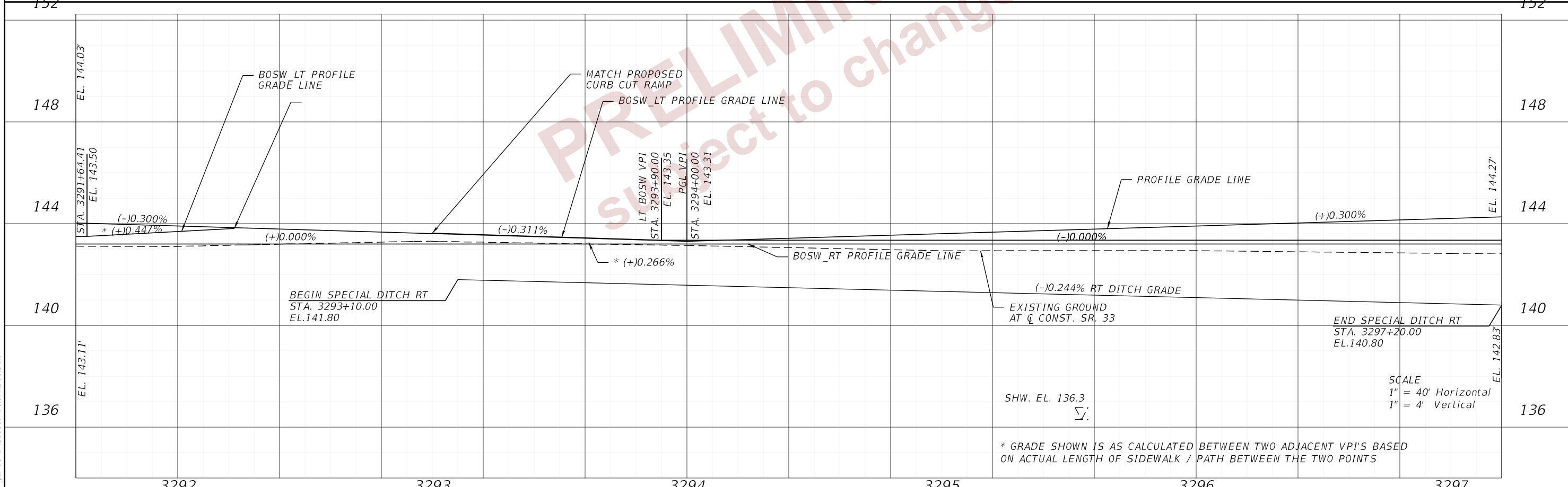
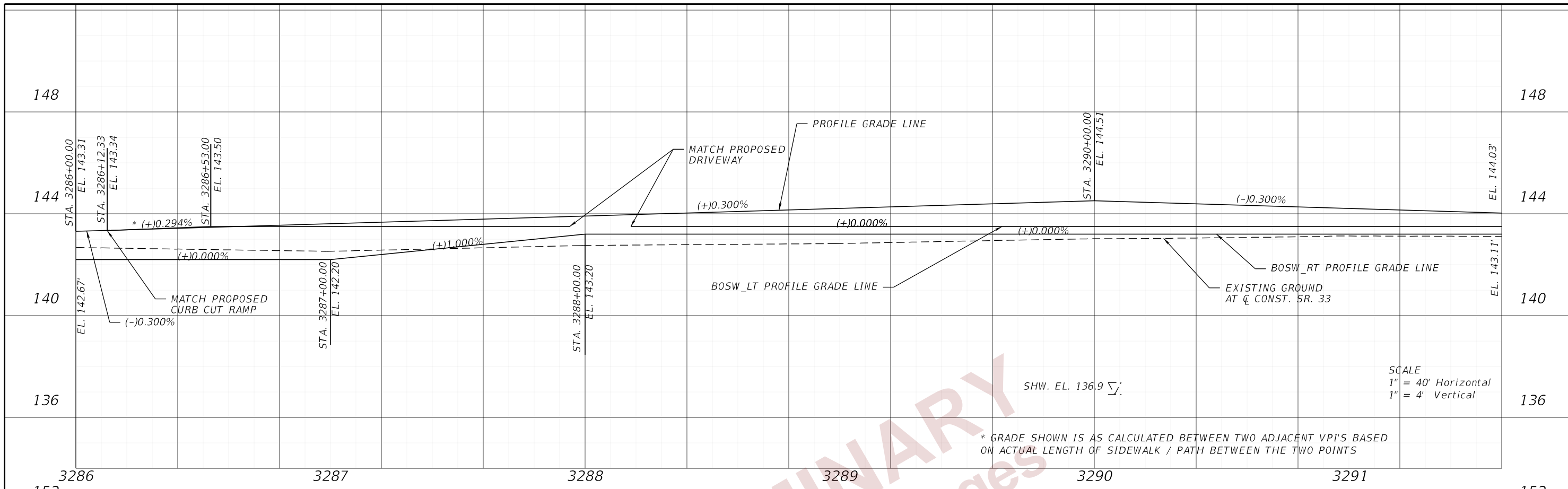
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (01)	SHEET NO. 83
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		



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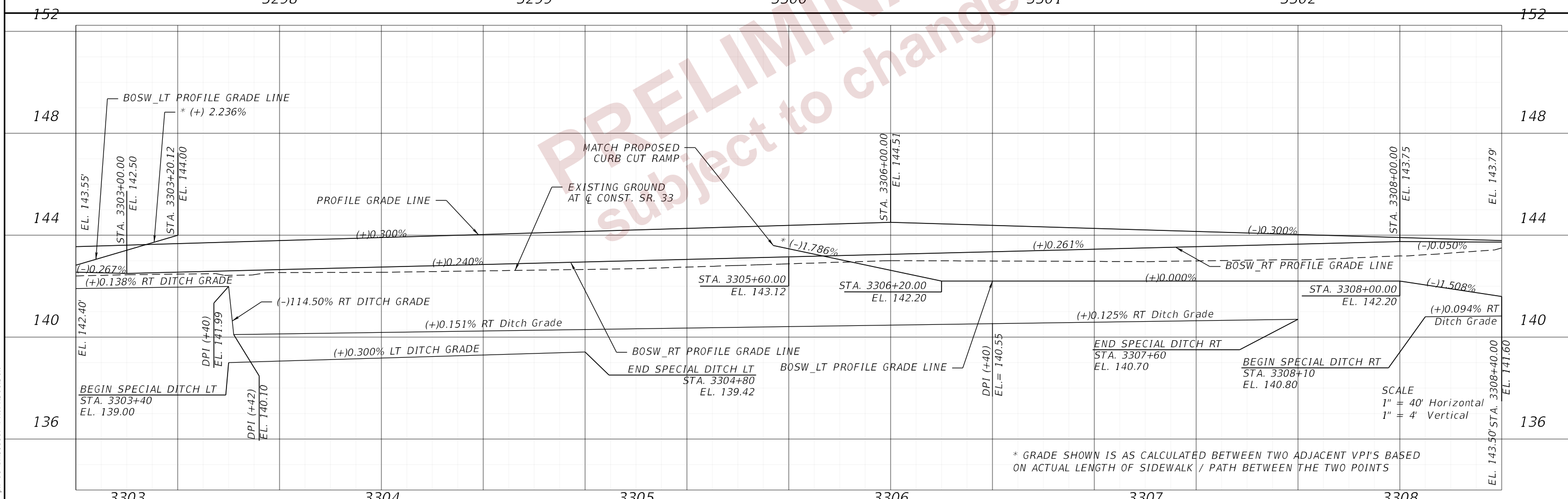
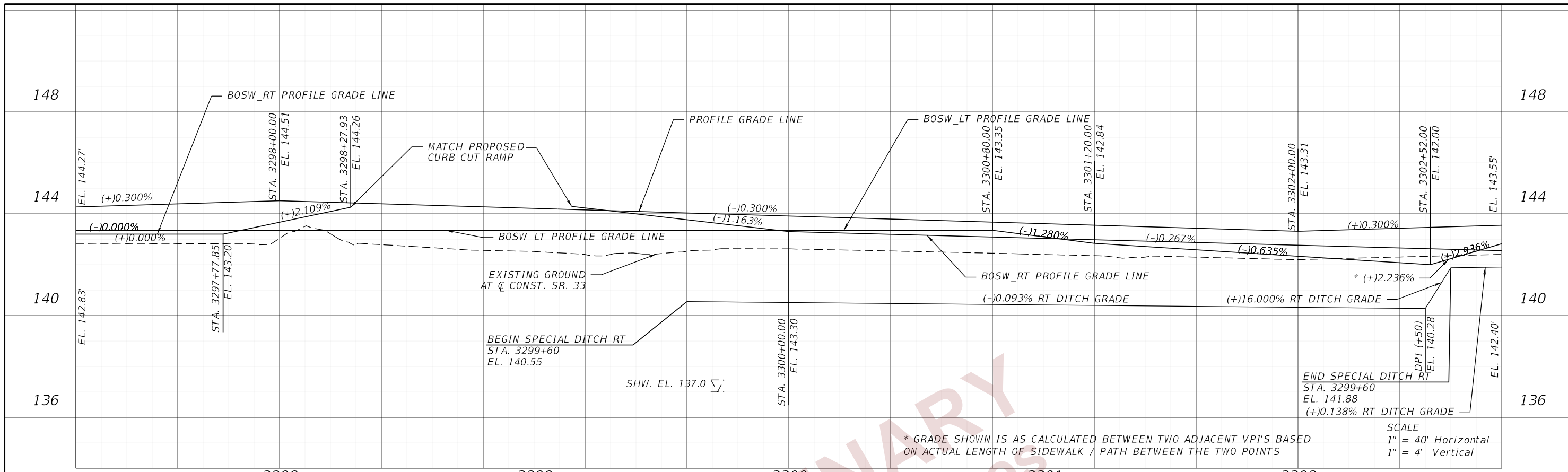
3281		3282		3283		3284		3285		
REVISIONS				ENGINEER OF RECORD						SHEET NO. 84
DATE	DESCRIPTION			DATE			DESCRIPTION			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607						
				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION						ROADWAY PROFILES (02)
		ROAD NO.		COUNTY		FINANCIAL PROJECT ID				
		SR 33		POLK		430185-4-52-01				



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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (03)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		85

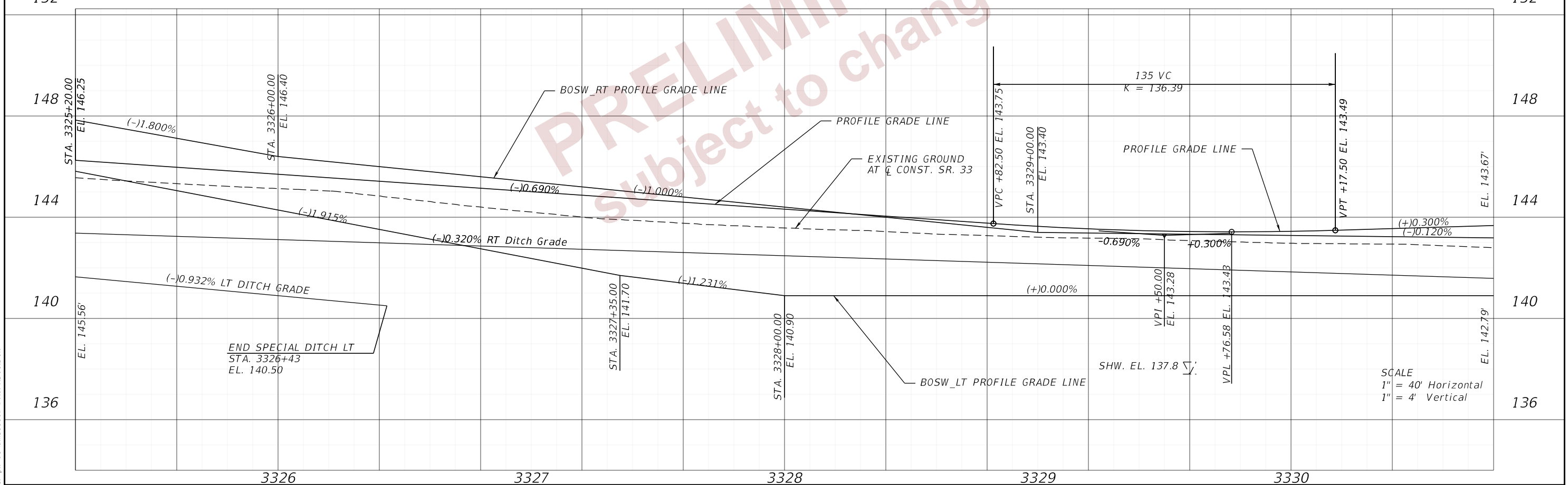
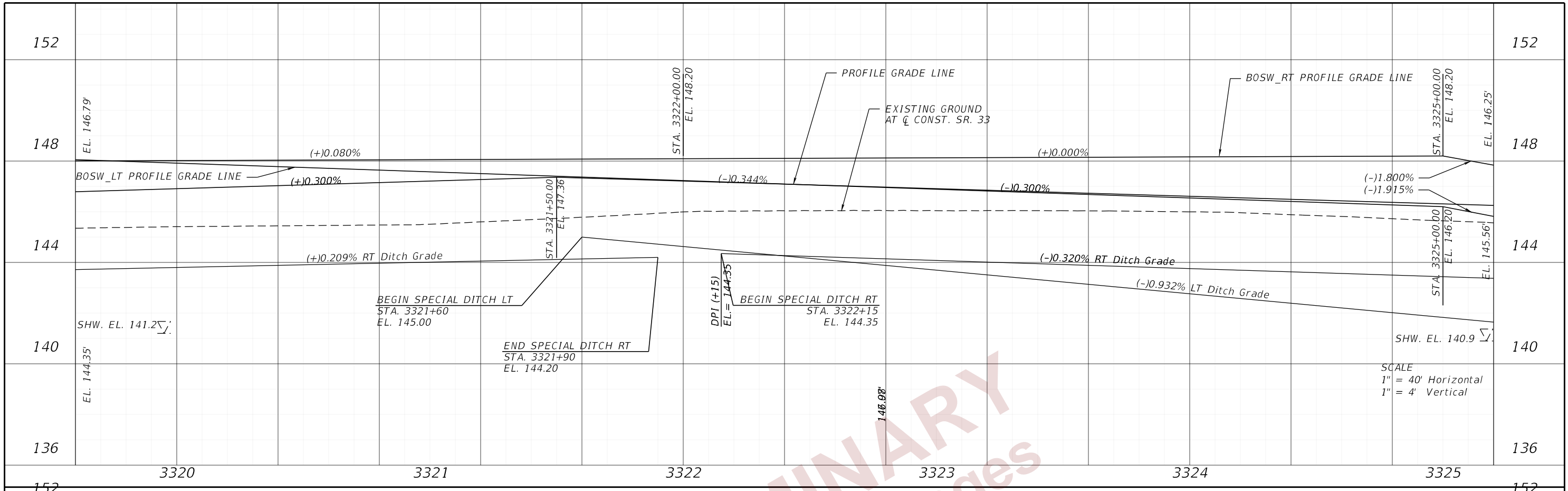
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (04)	SHEET NO. 86
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01		

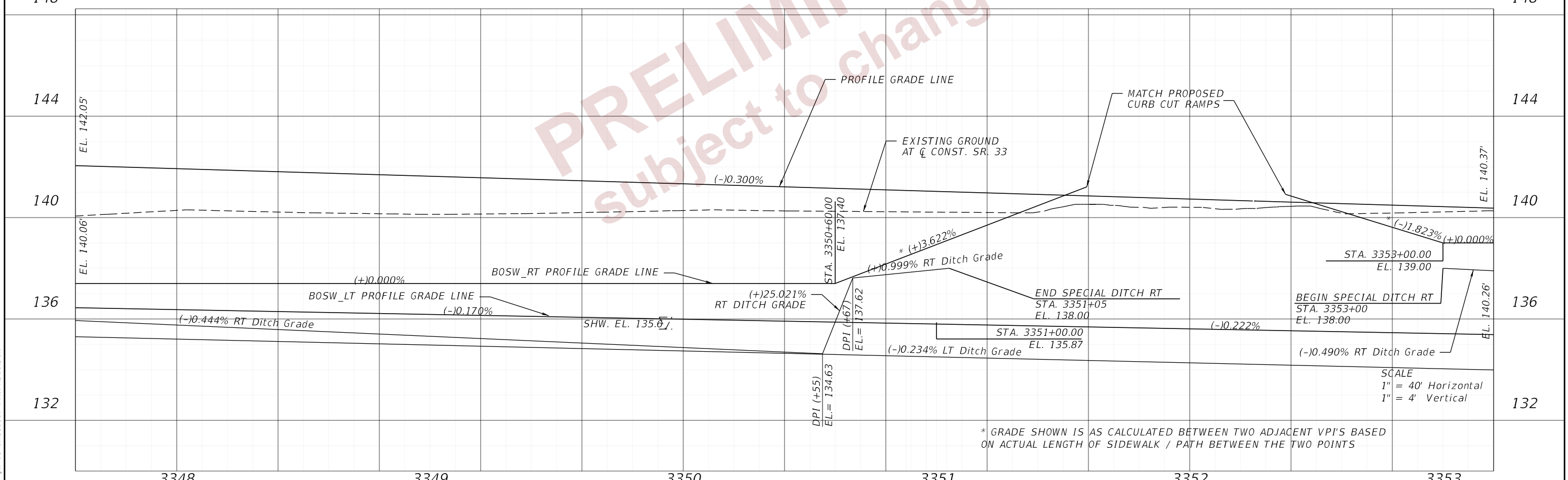
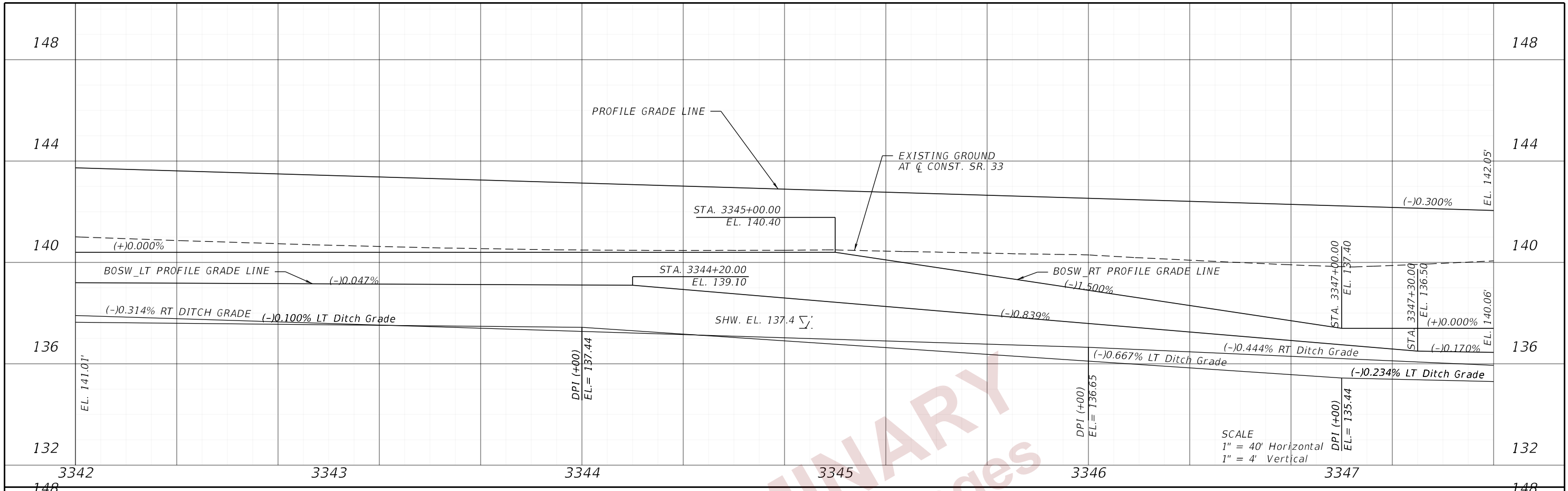
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (06)	SHEET NO. 88
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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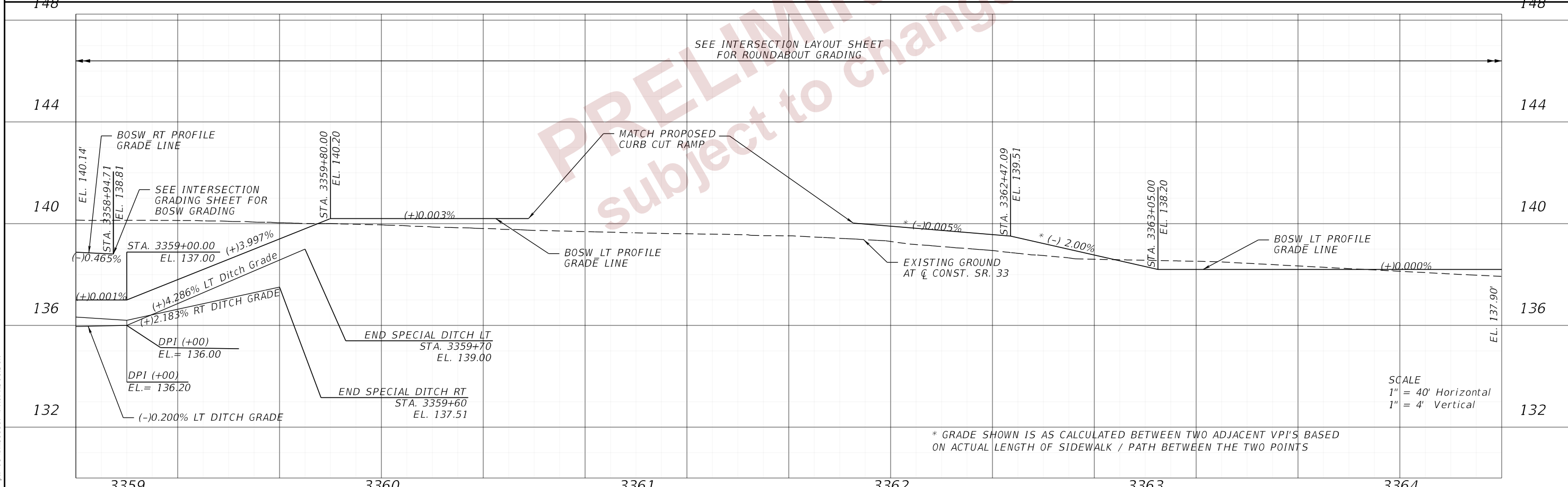
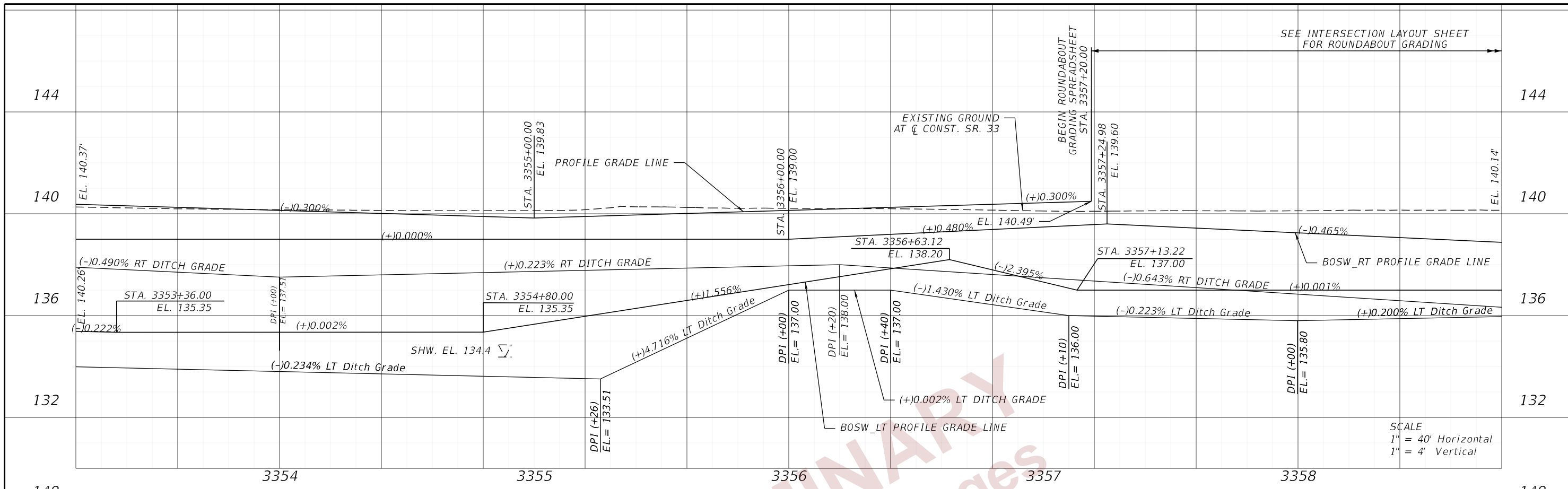
* GRADE SHOWN IS AS CALCULATED BETWEEN TWO ADJACENT VPI'S BASED ON ACTUAL LENGTH OF SIDEWALK / PATH BETWEEN THE TWO POINTS

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2/27/2024 6:37:10 PM john.lin c:\pw_working\lochner-pw-01\dms18867\PROFRD01.DGN

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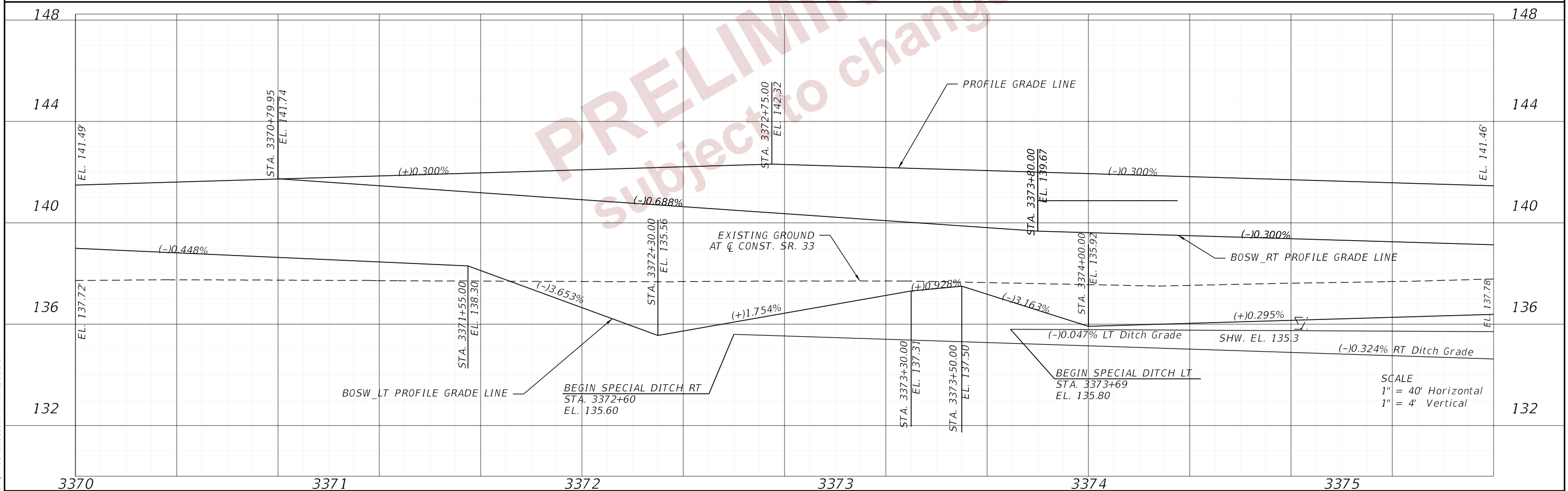
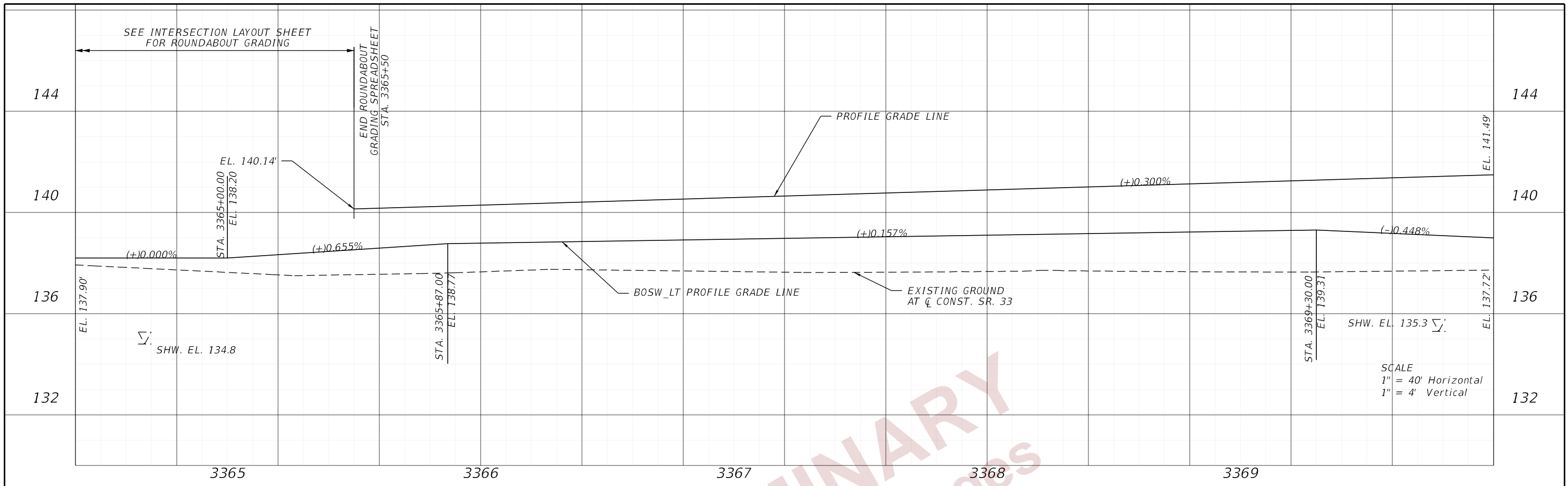
DATE		DESCRIPTION		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (08)	SHEET NO. 90
ROAD NO.		COUNTY		FINANCIAL PROJECT ID		DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33 POLK 430185-4-52-01				



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (09)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	91	

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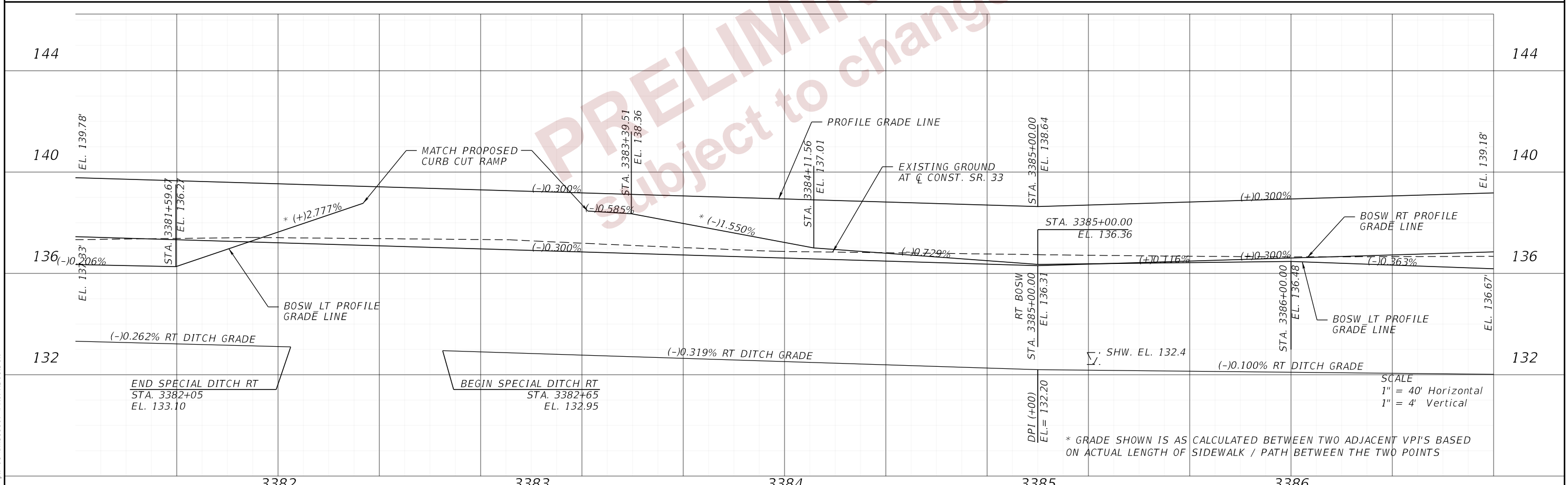
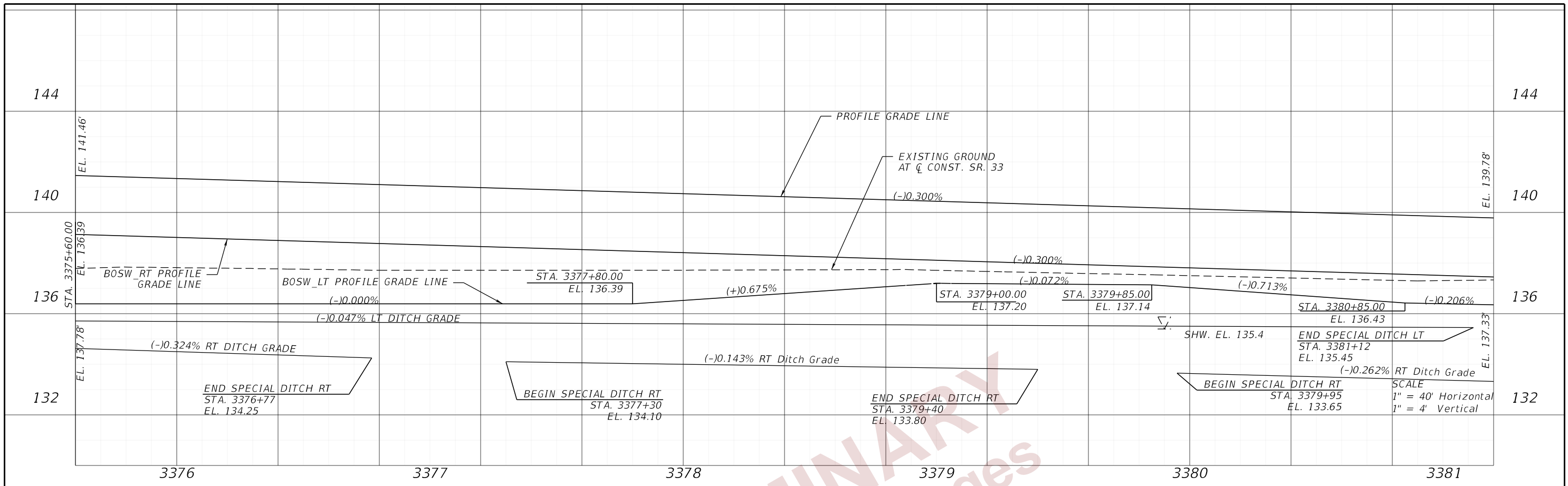
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (10)	SHEET NO. 92
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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

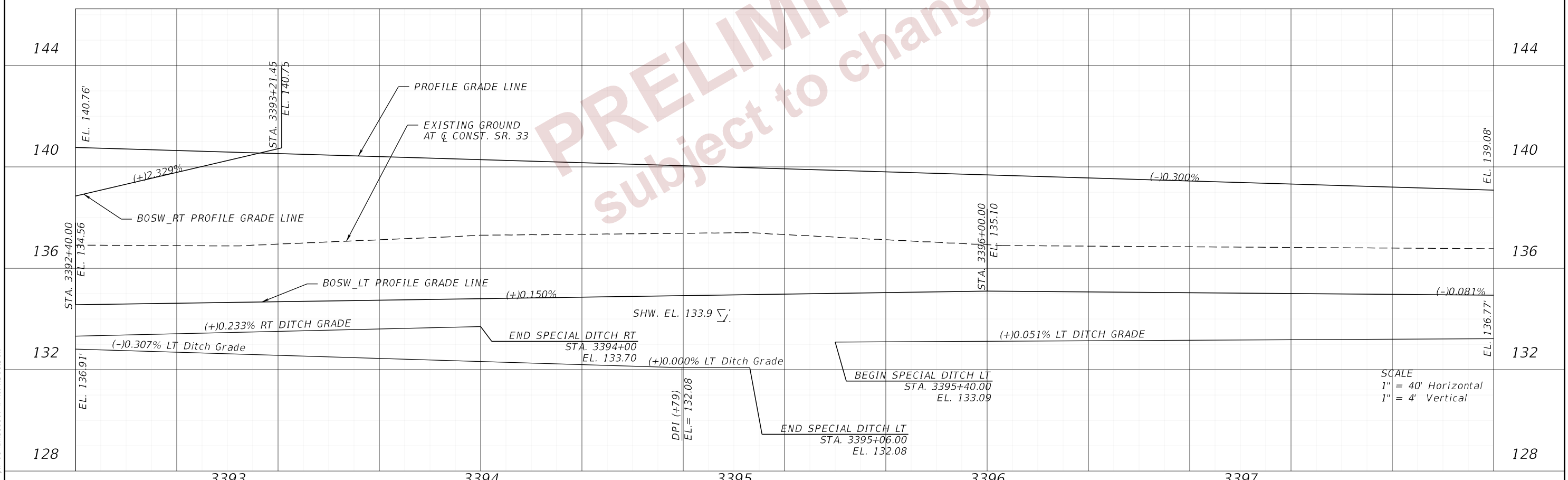
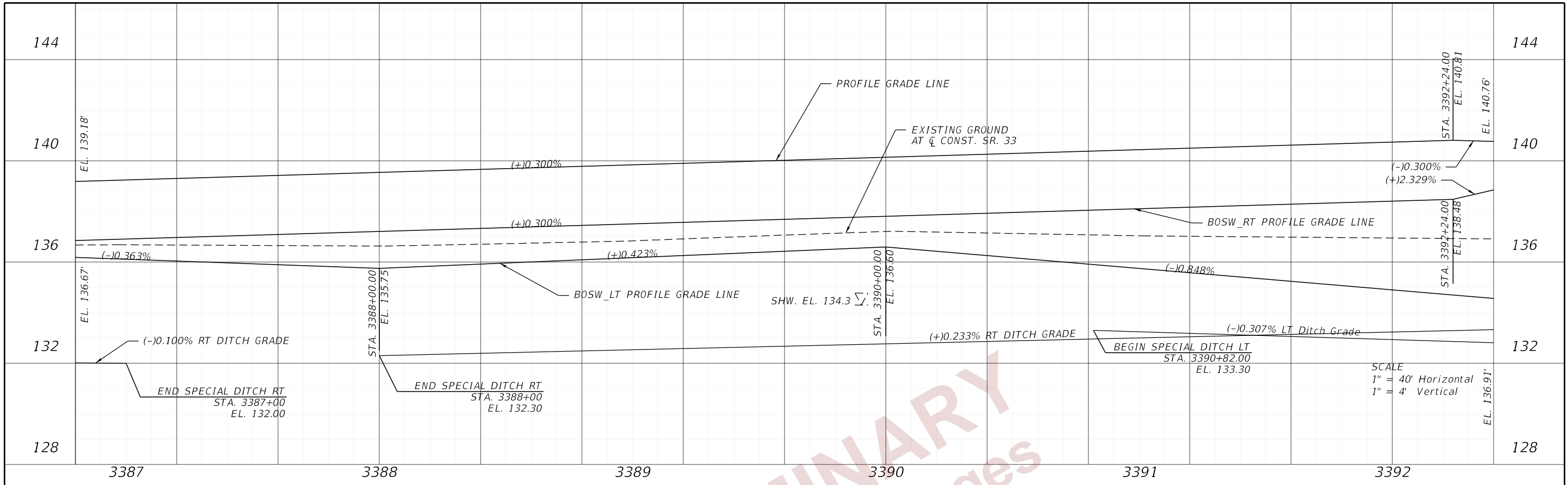


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

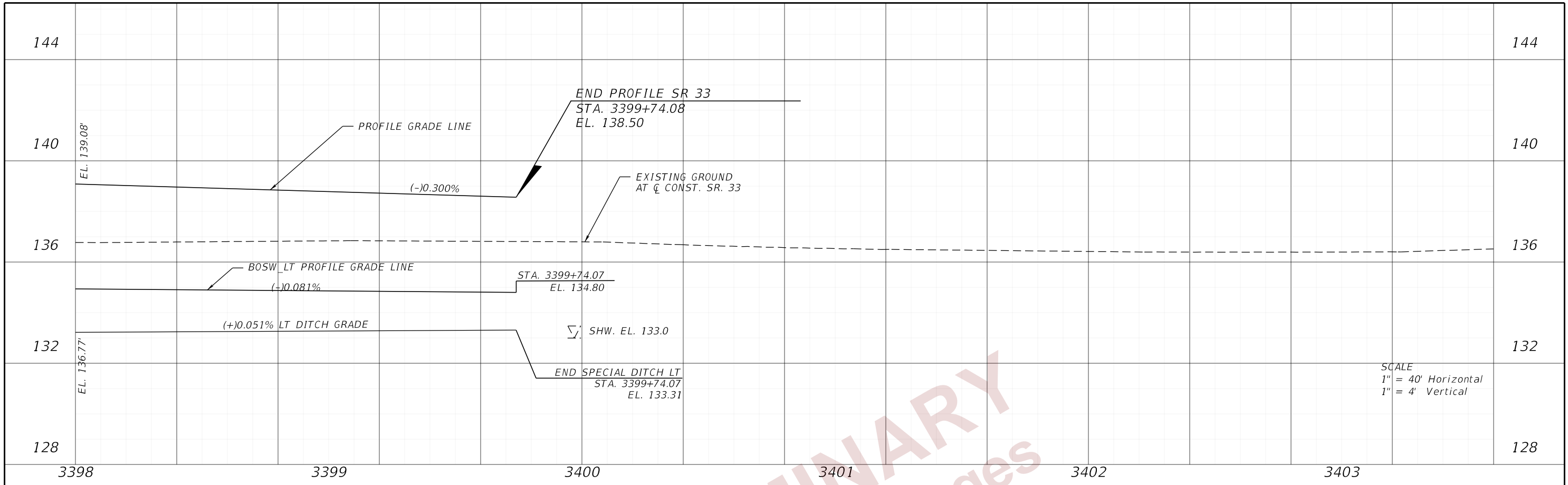
ROADWAY PROFILES (11)



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DATE		REVISIONS		ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DESCRIPTION		DESCRIPTION		DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 33 POLK 430185-4-52-01			
							ROADWAY PROFILES (12)			94

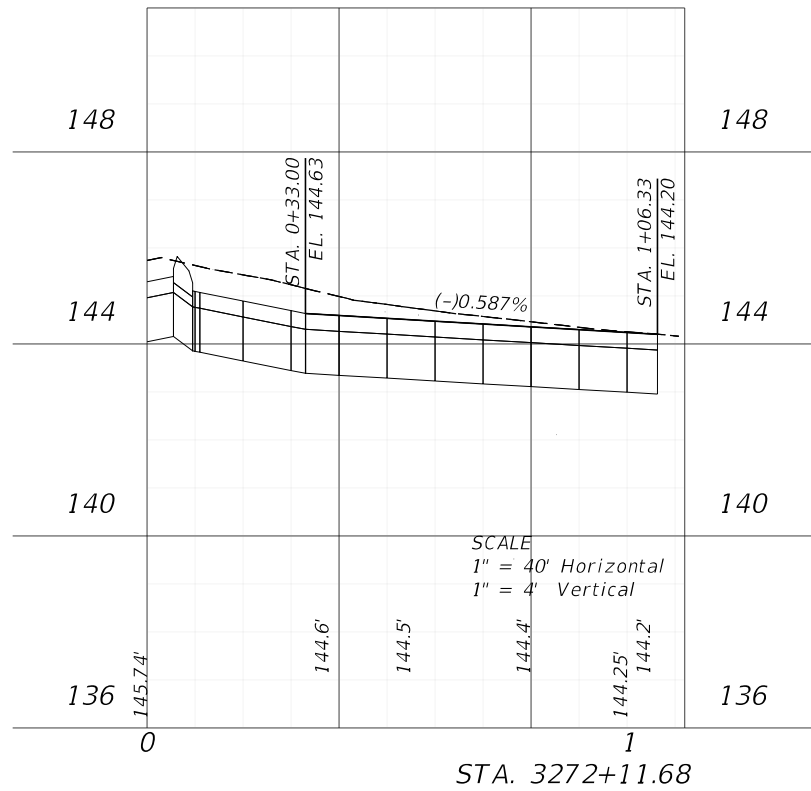
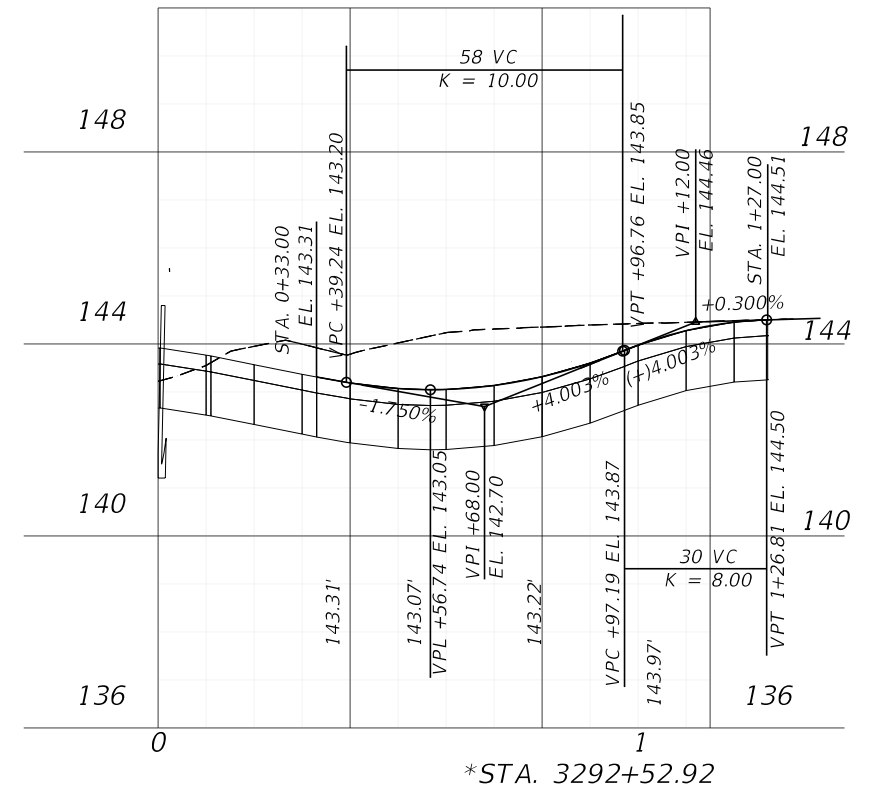
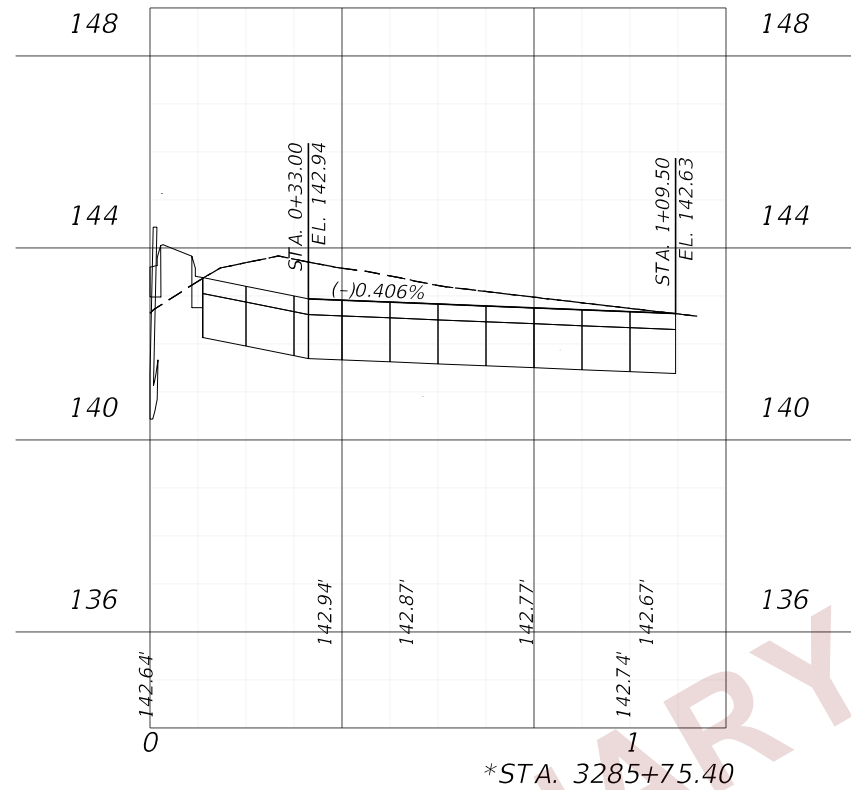
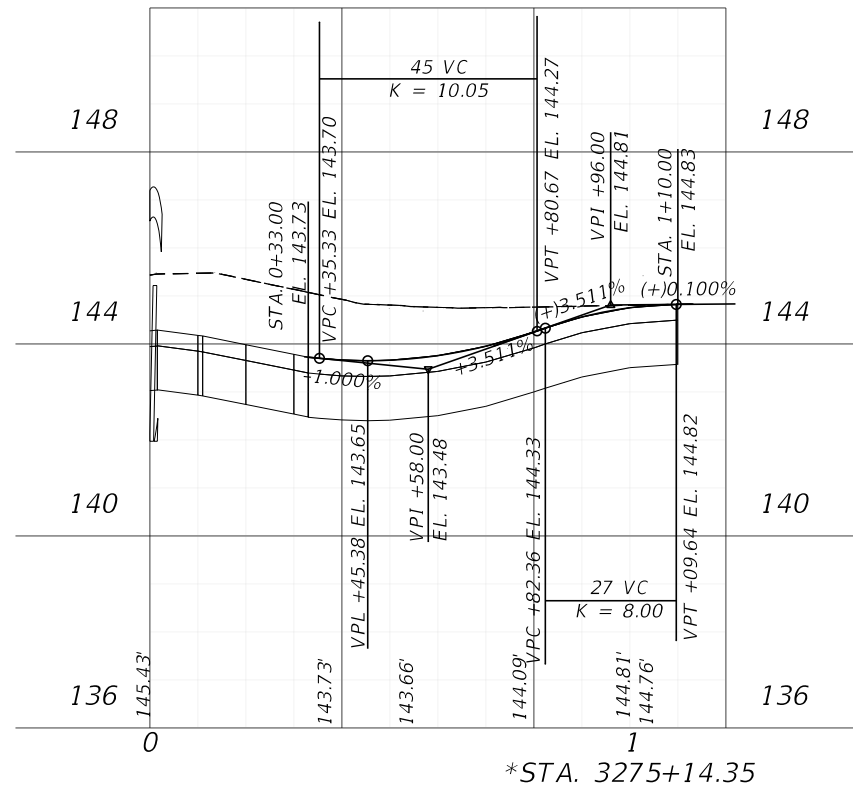


PRELIMINARY
 subject to changes

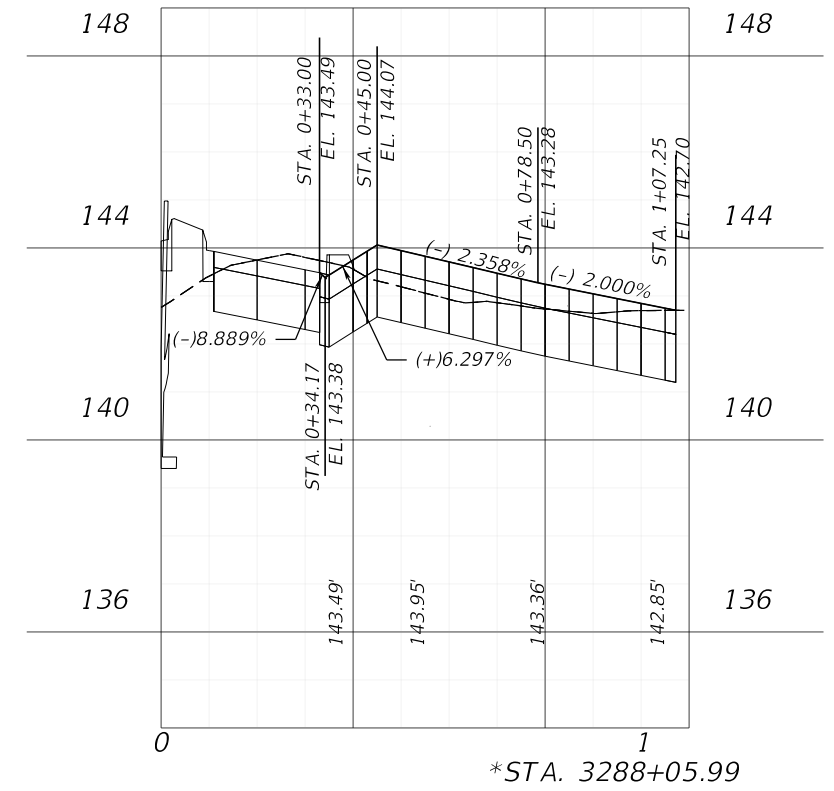
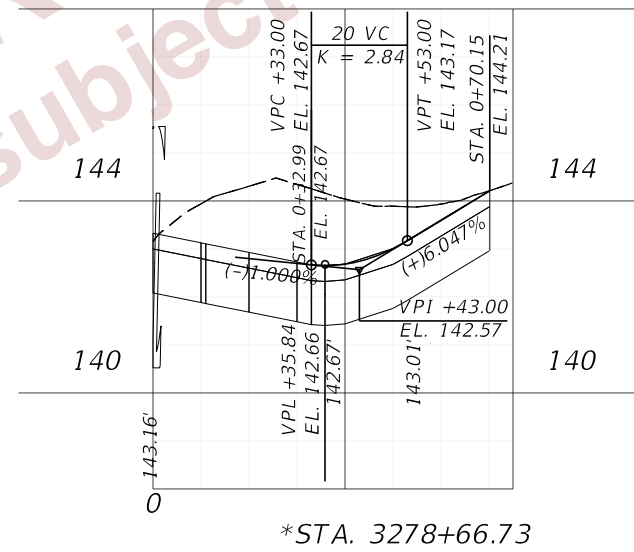
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		95
						SR 33	POLK	430185-4-52-01		



PRELIMINARY
subject to changes



NOTE:
HORIZONTAL OFFSET SHOWN BASED ON CL CONST. SR 33

*LOCATED ON THE LEFT SIDE OF CL SR33

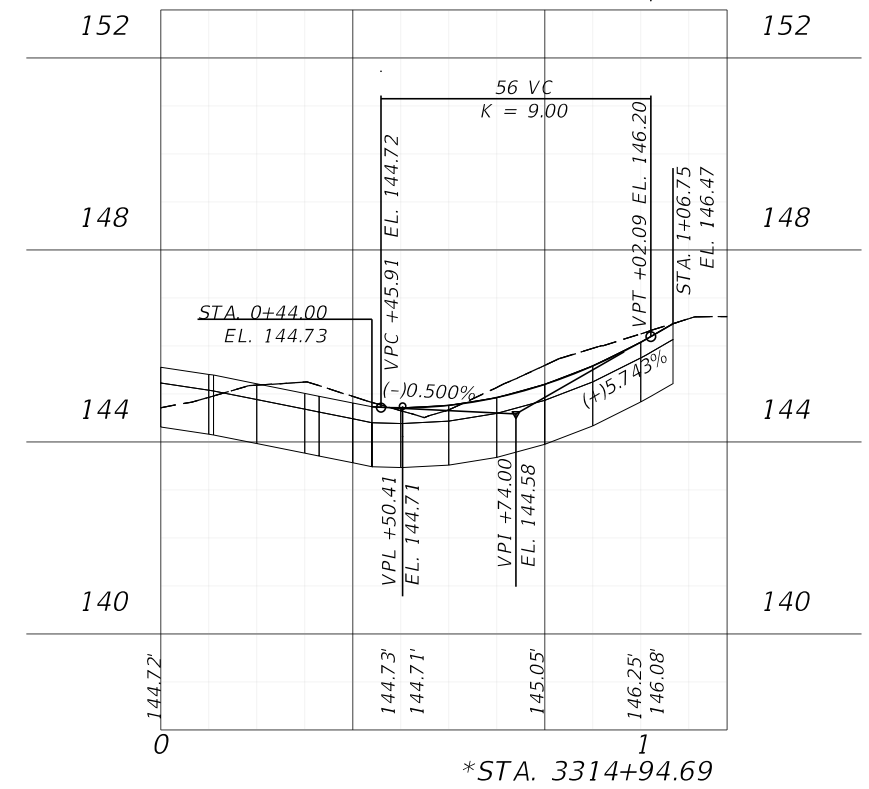
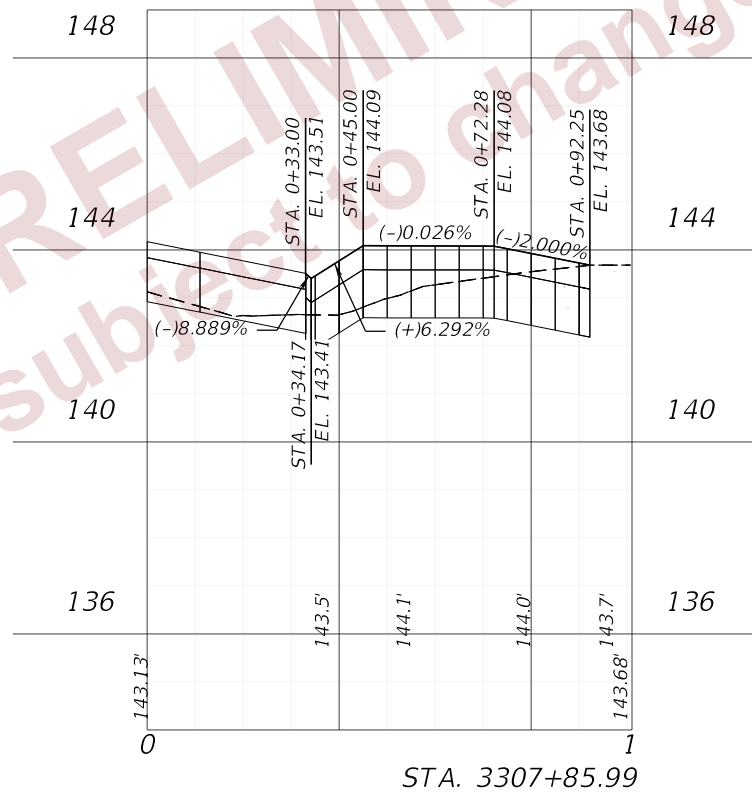
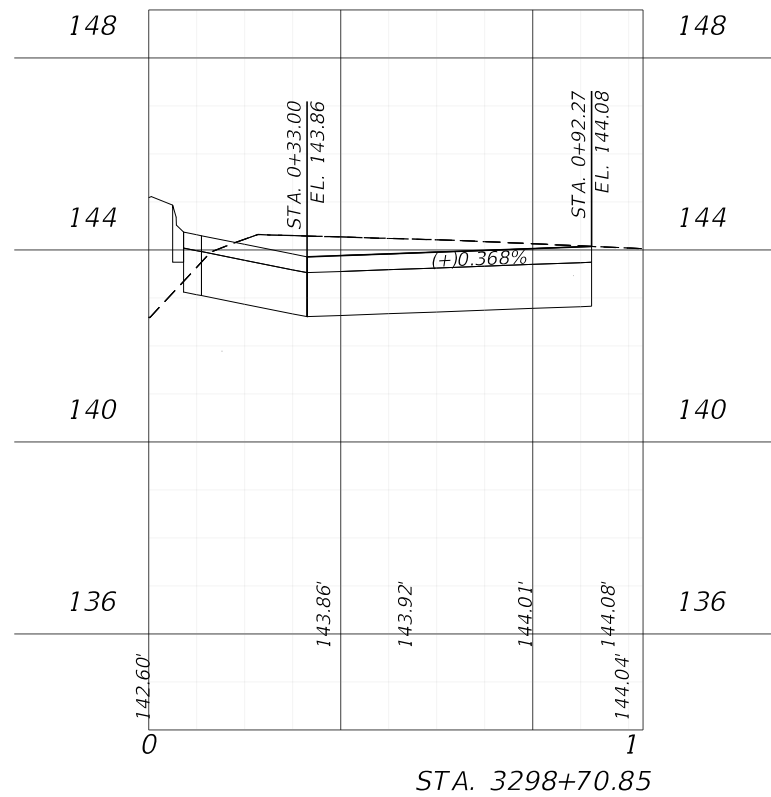
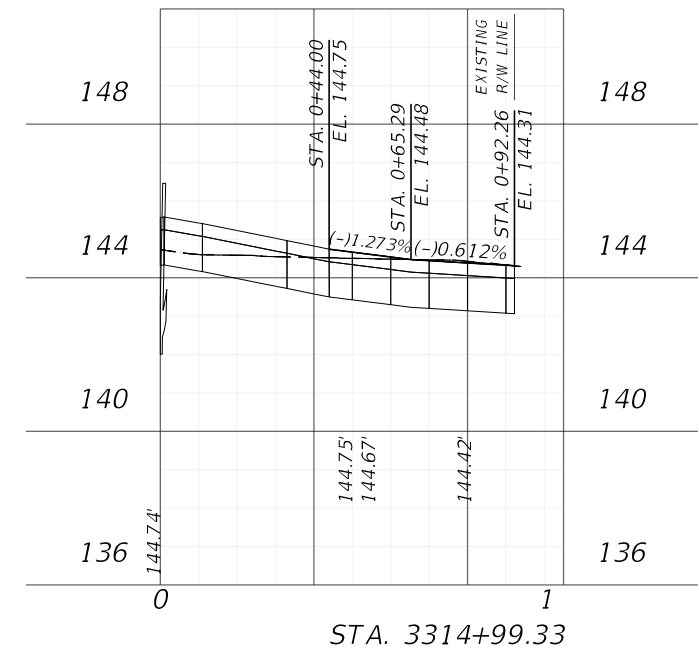
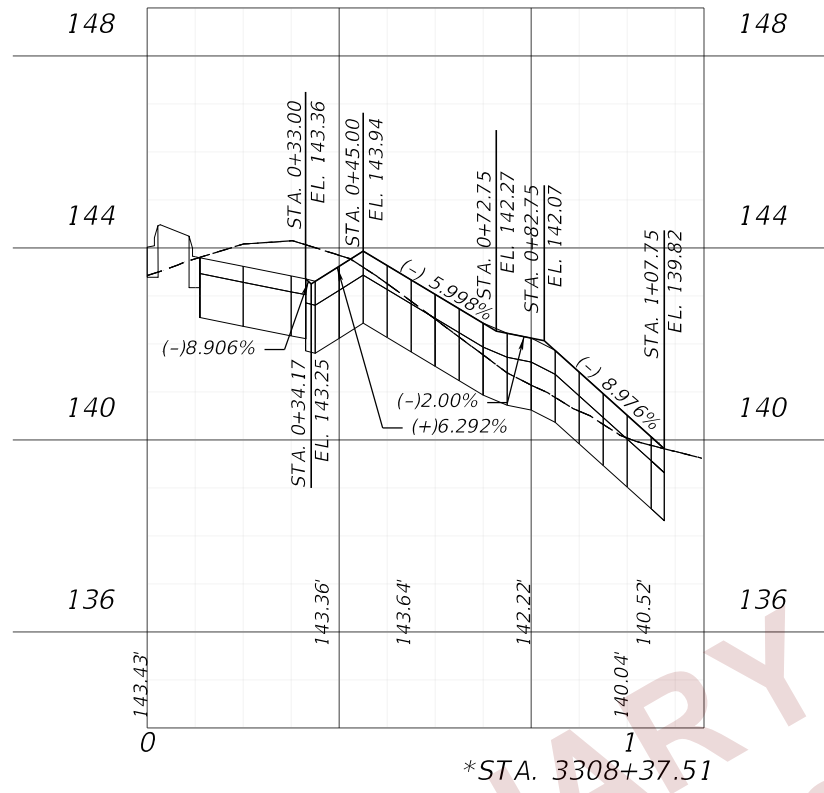
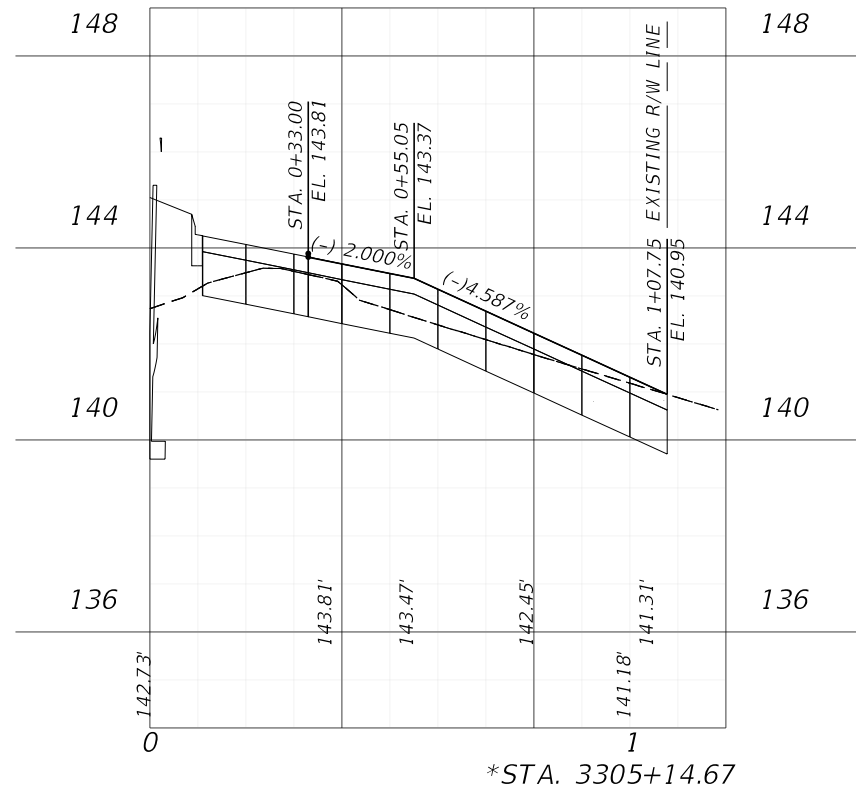
SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	96

**SIDE STREET &
DIRVEWAY PROFILES (01)**

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NOTE:
HORIZONTAL OFFSET SHOWN BASED ON CL CONST. SR 33

*LOCATED ON THE LEFT SIDE OF ζ SR33

SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

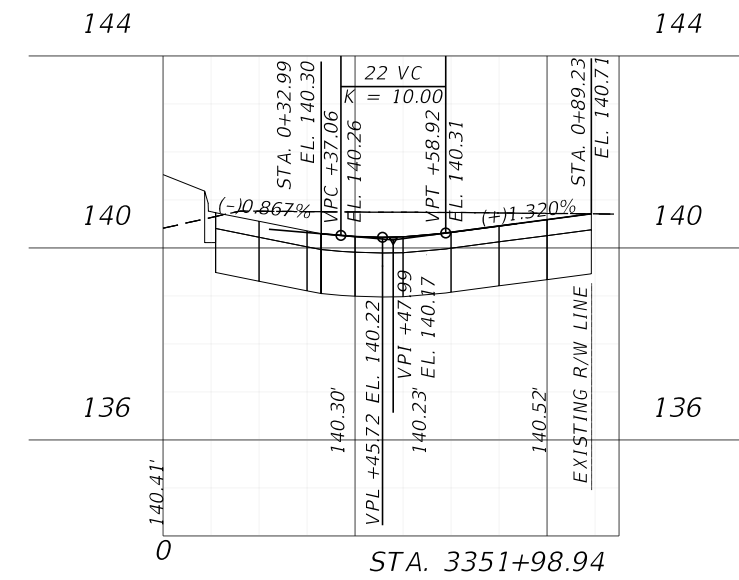
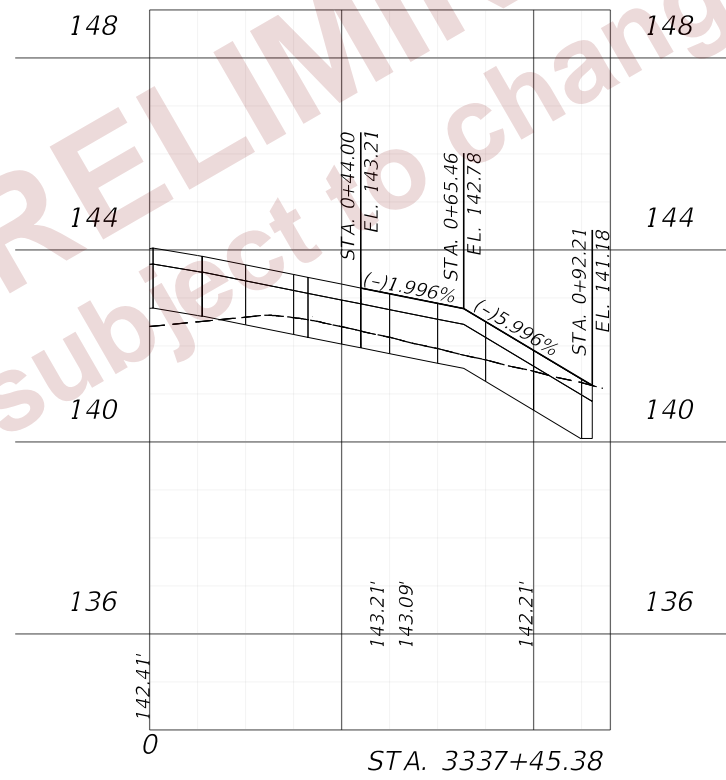
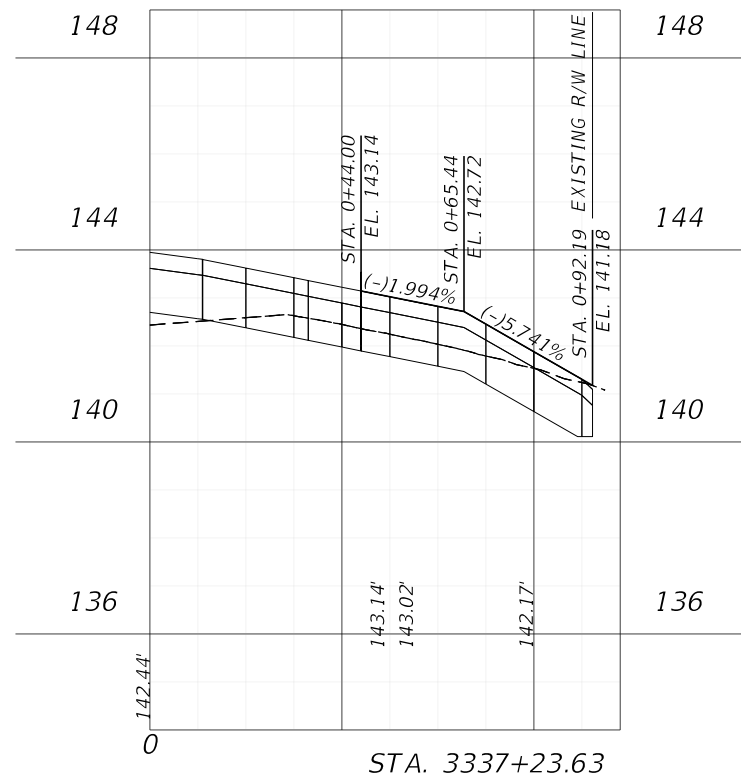
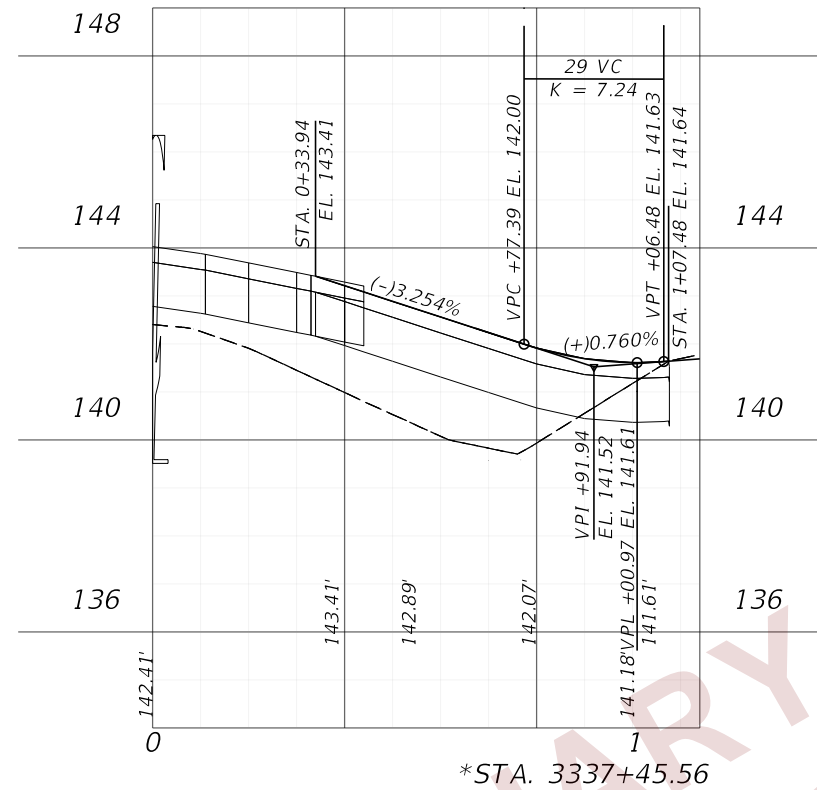
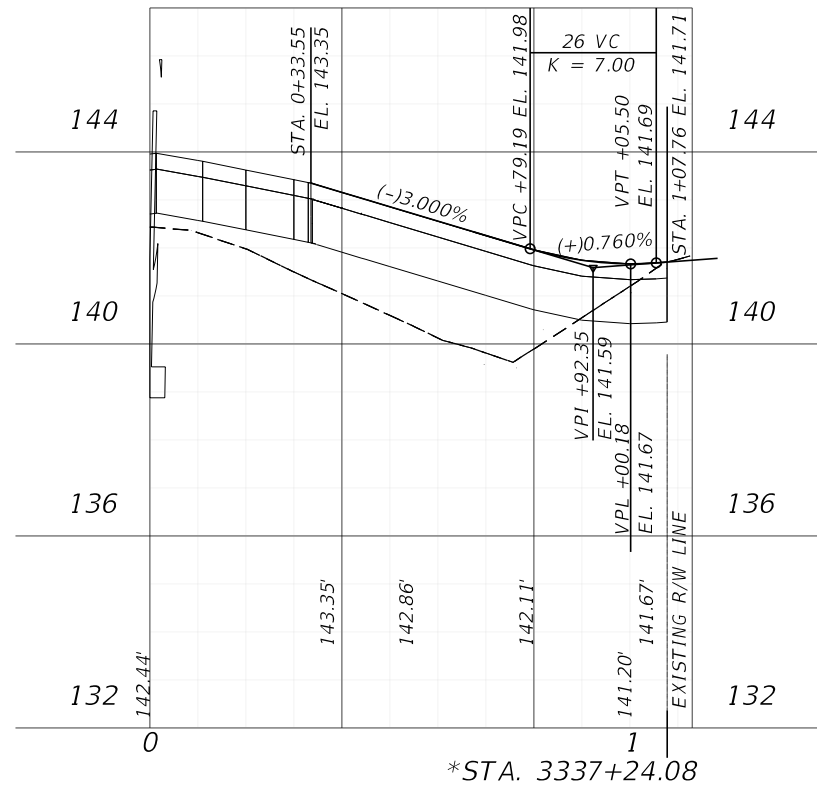
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**SIDE STREET &
DRIVEWAY PROFILES (02)**

97

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NOTE:
HORIZONTAL OFFSET SHOWN BASED ON CL CONST. SR 33

*LOCATED ON THE LEFT SIDE OF CL SR33

SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

PRELIMINARY
subject to changes

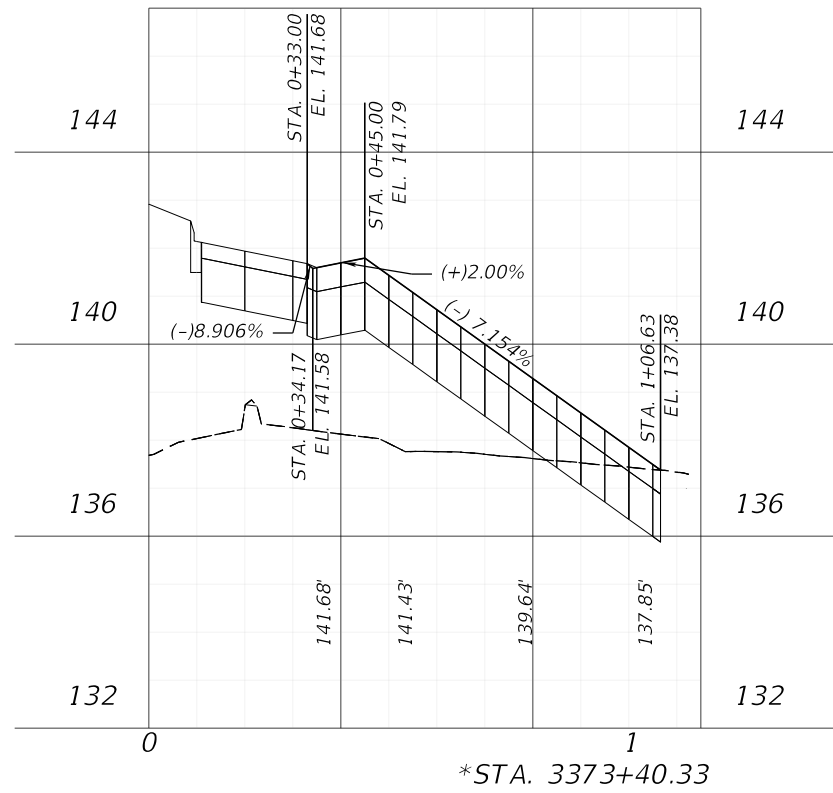
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 98
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

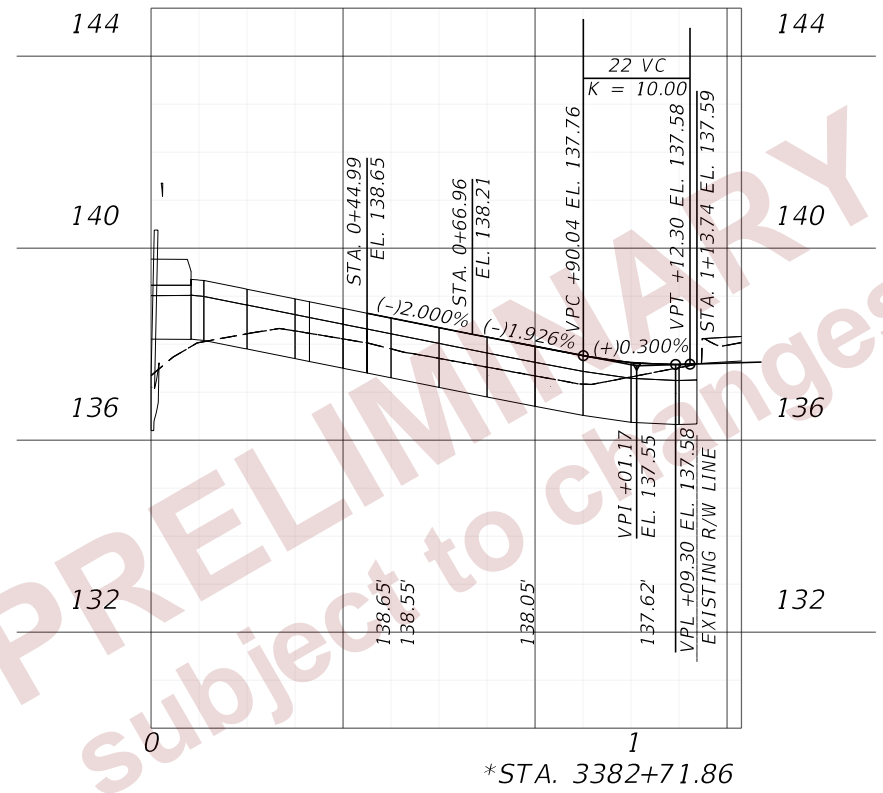
**SIDE STREET &
DRIVEWAY PROFILES (03)**

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

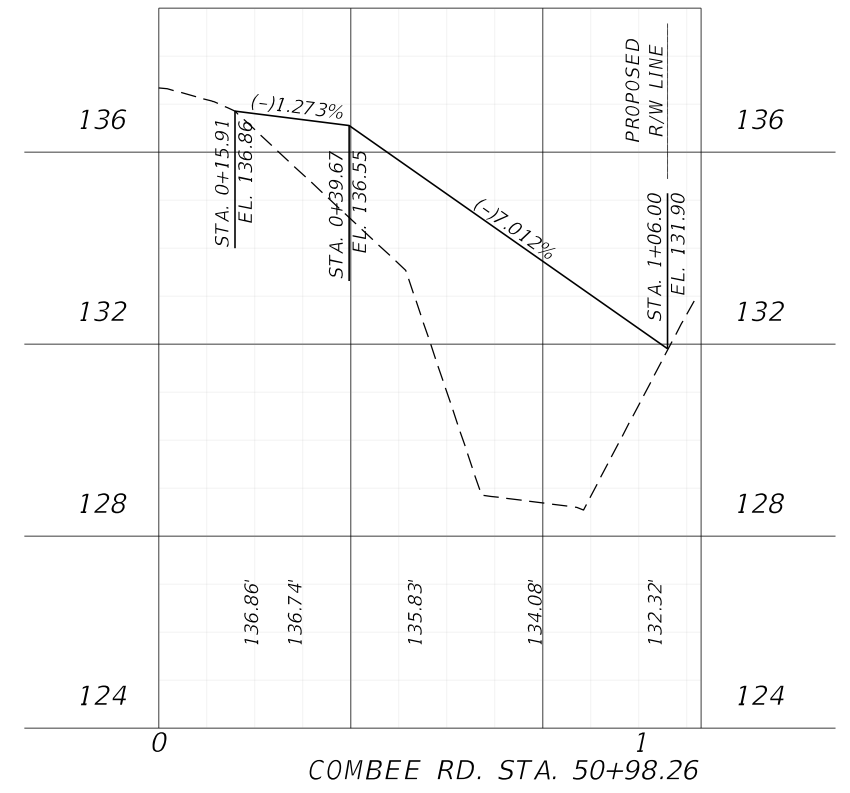
2/27/2024 6:37:48 PM john.lin
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*STA. 3373+40.33



*STA. 3382+71.86



COMBEE RD. STA. 50+98.26

NOTE:
HORIZONTAL OFFSET SHOWN BASED ON CL CONST. SR 33

*LOCATED ON THE LEFT SIDE OF CL SR33

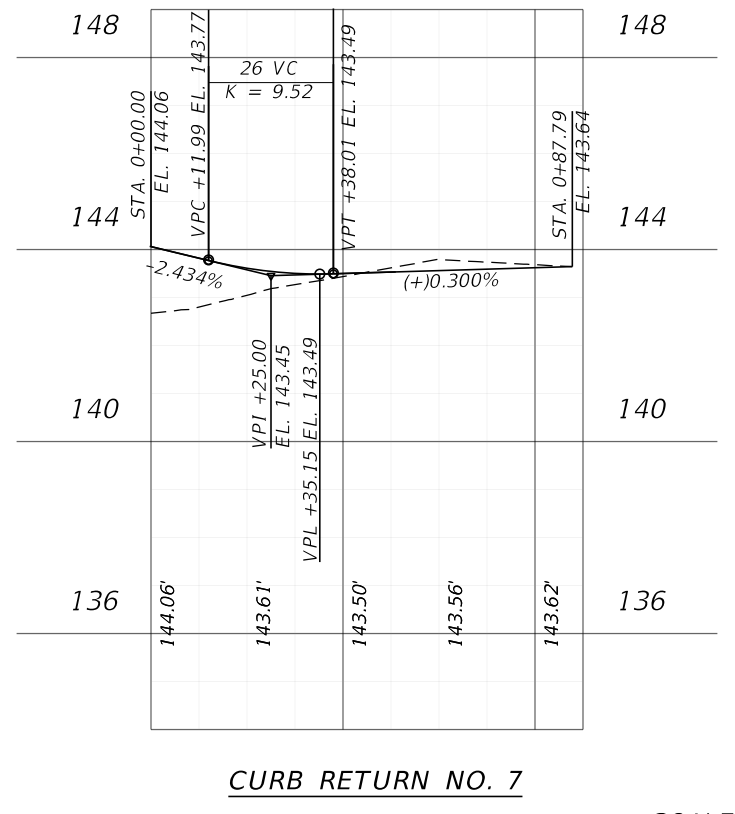
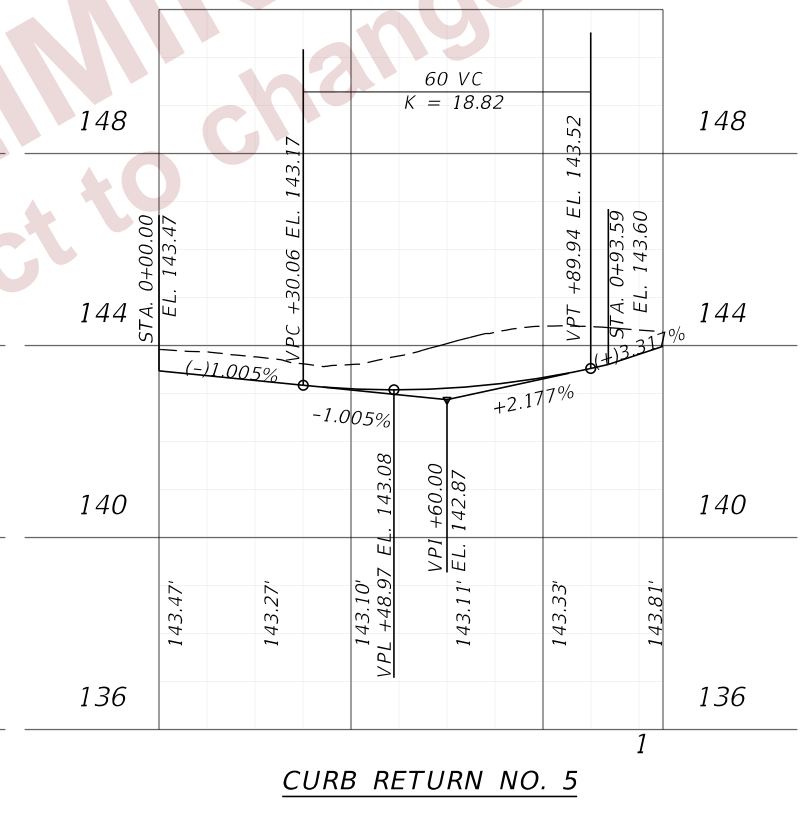
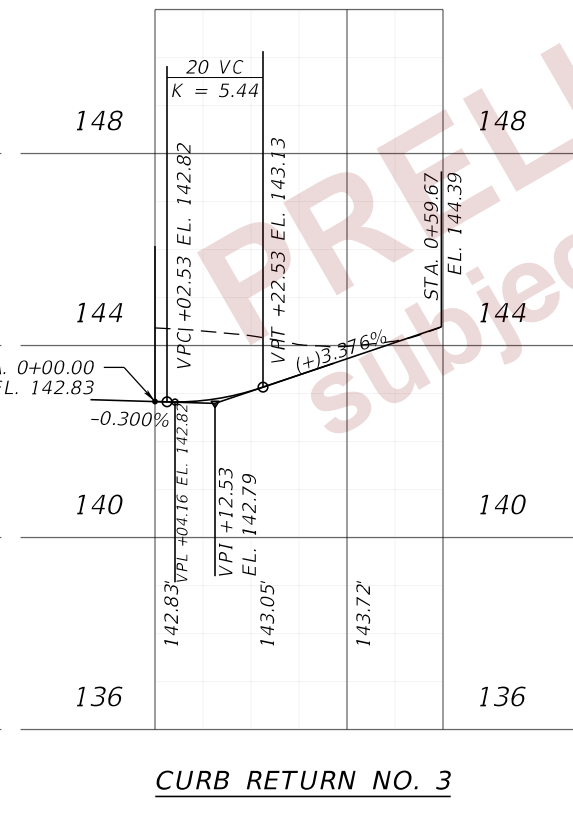
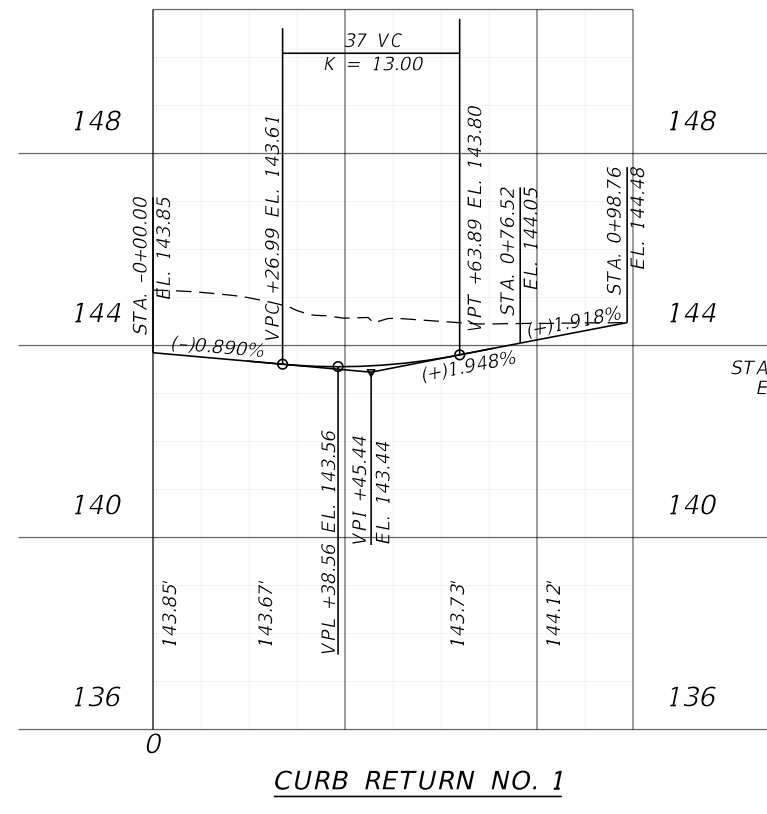
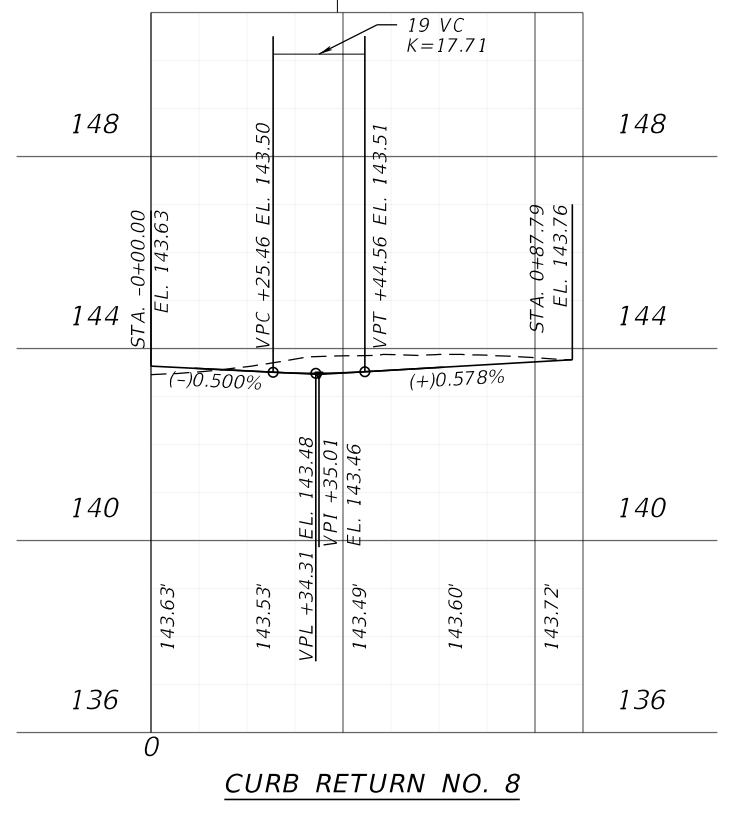
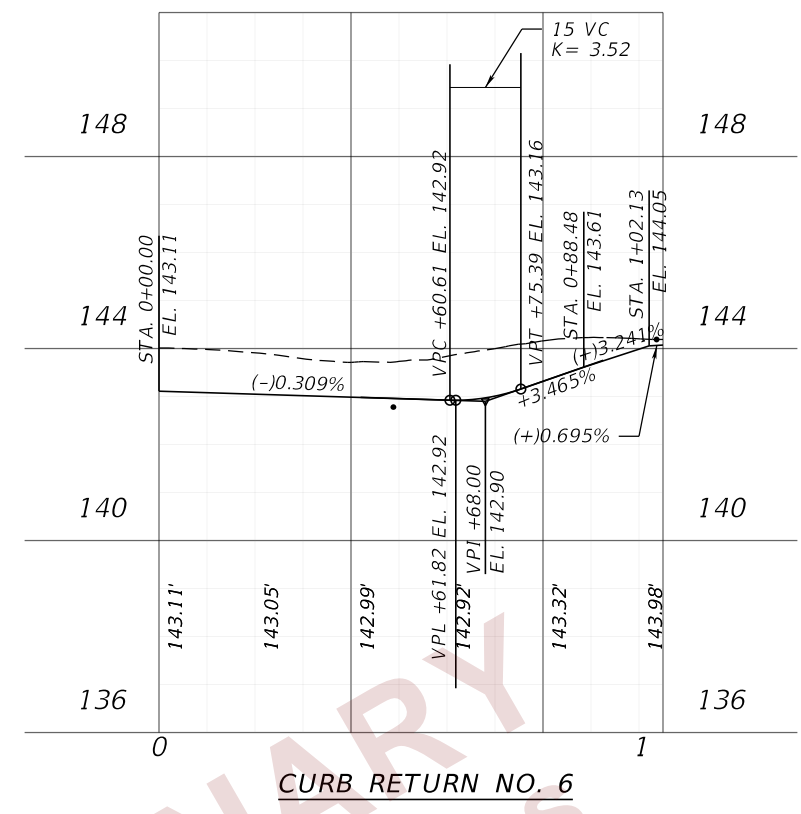
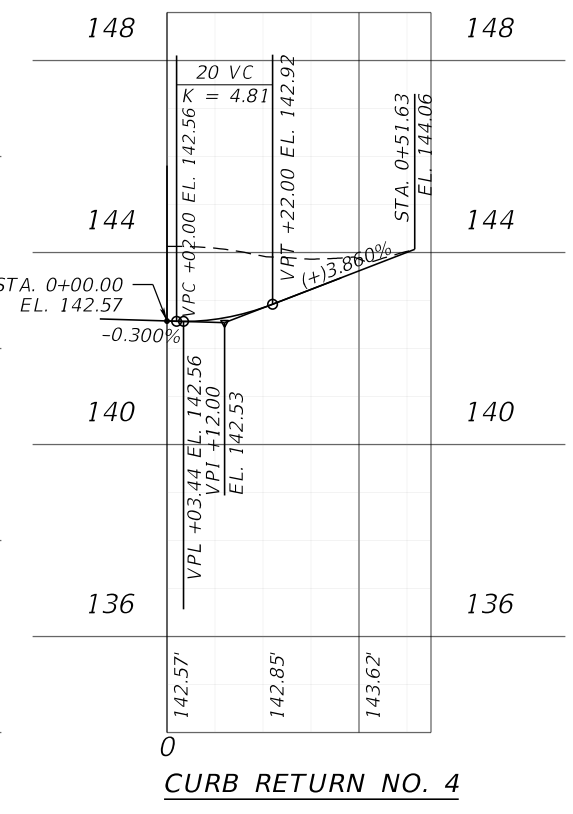
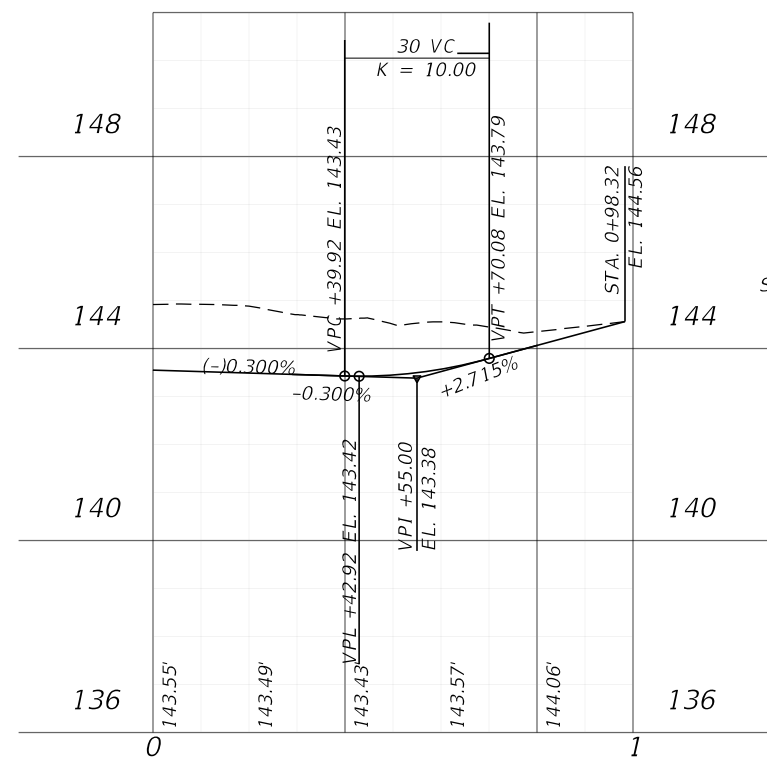
SCALE
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	99

**SIDE STREET &
DRIVEWAY PROFILES (04)**

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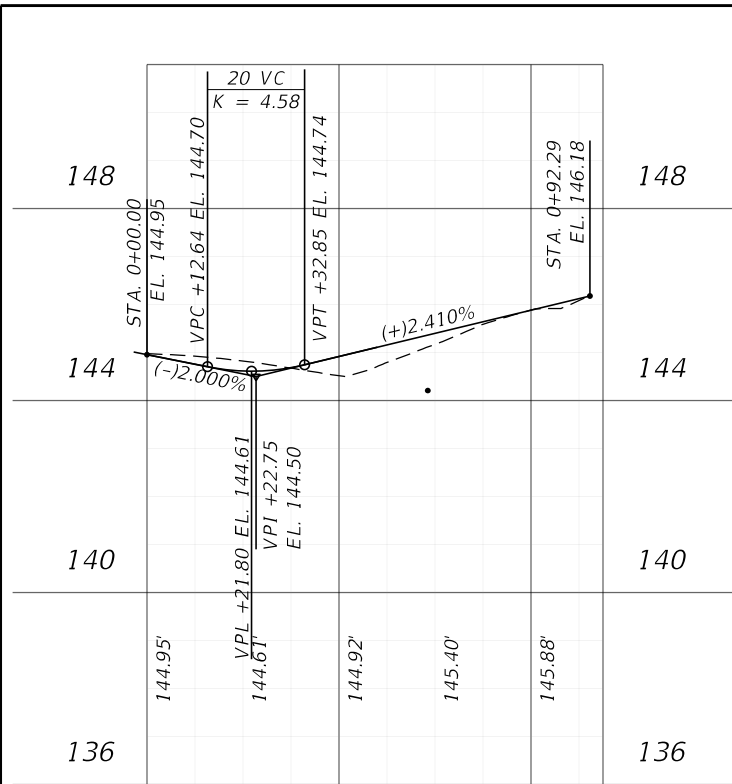
NOTE:
HORIZONTAL OFFSET SHOWN BASED ON DISTANCE
ALONG CURB RETURN FROM SR 33 EOP INTERSECTION

SCALE
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1" = 4' Vertical

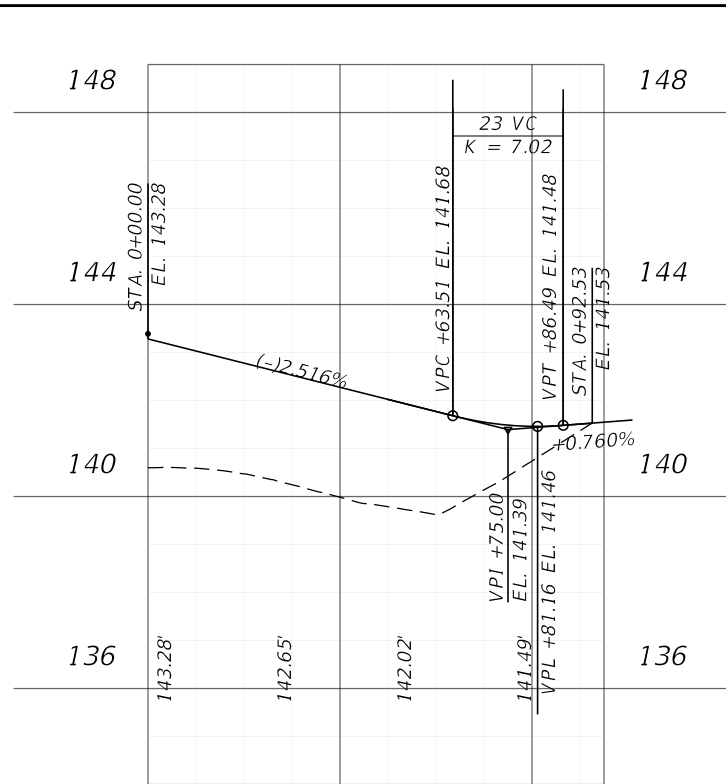
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 100
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	CURB RETURN PROFILES (01)			

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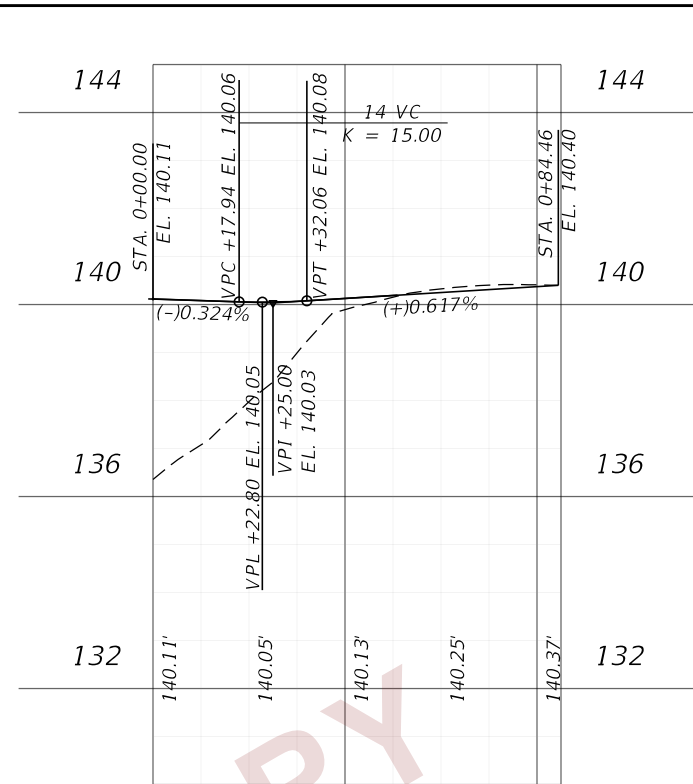
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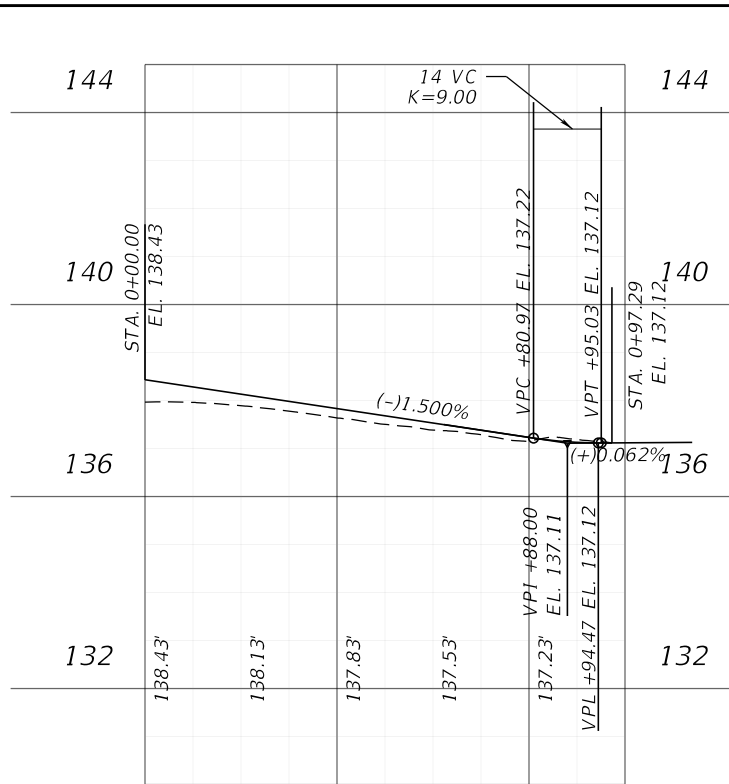
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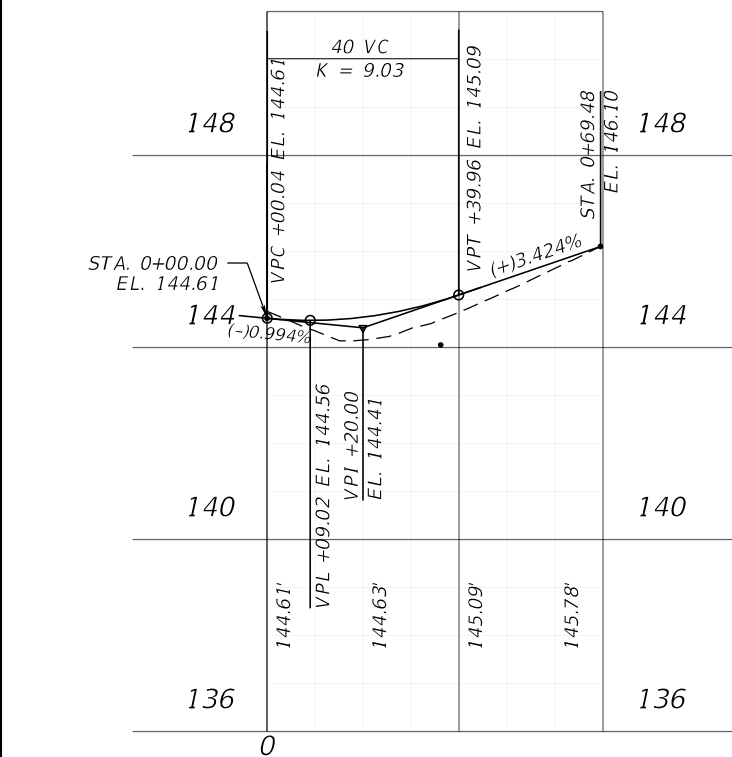
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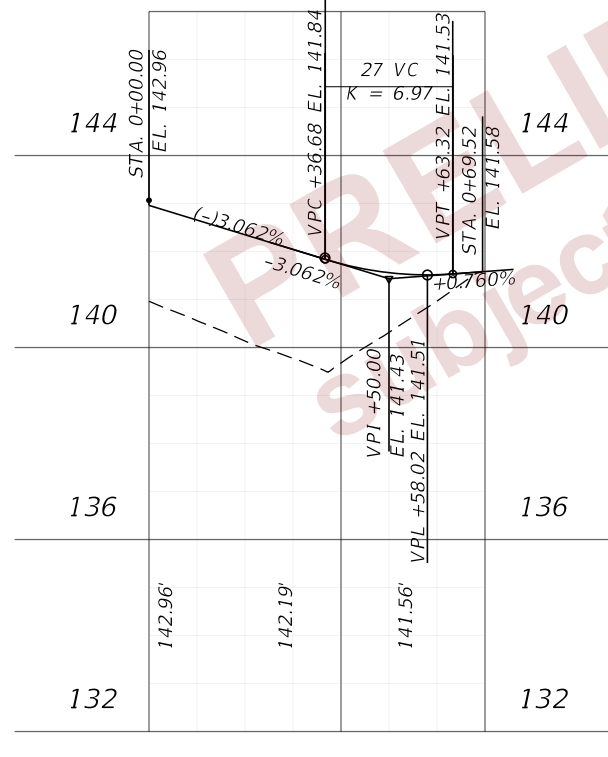
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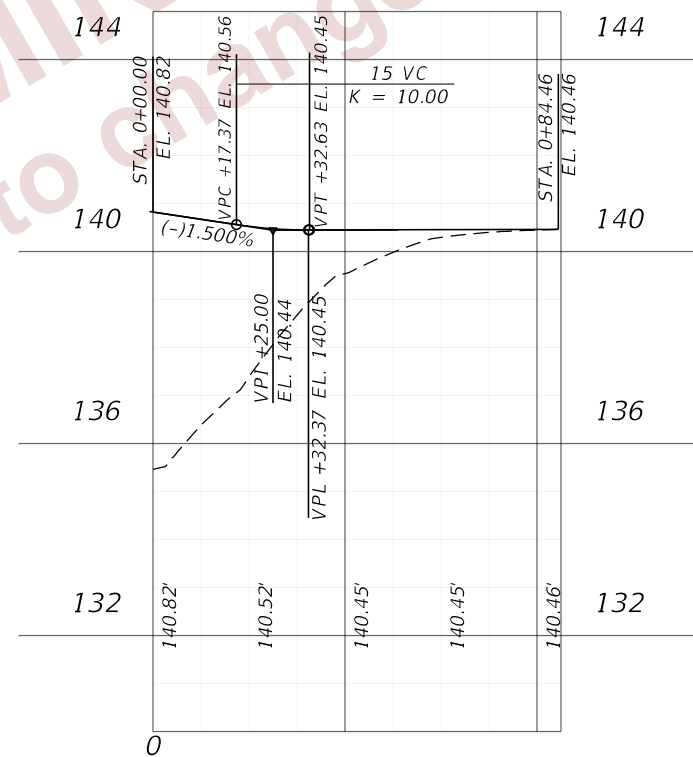
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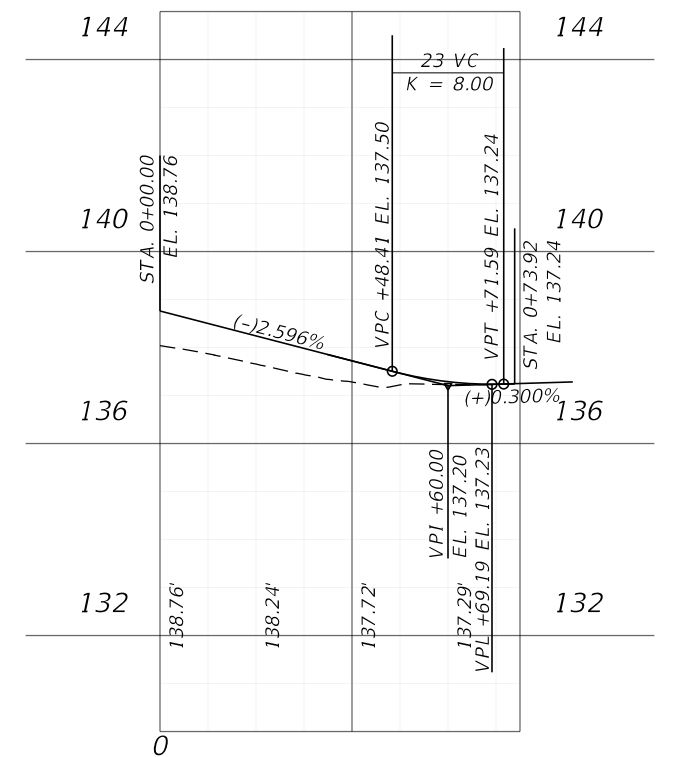
CURB RETURN NO. 9



CURB RETURN NO. 11



CURB RETURN NO. 13



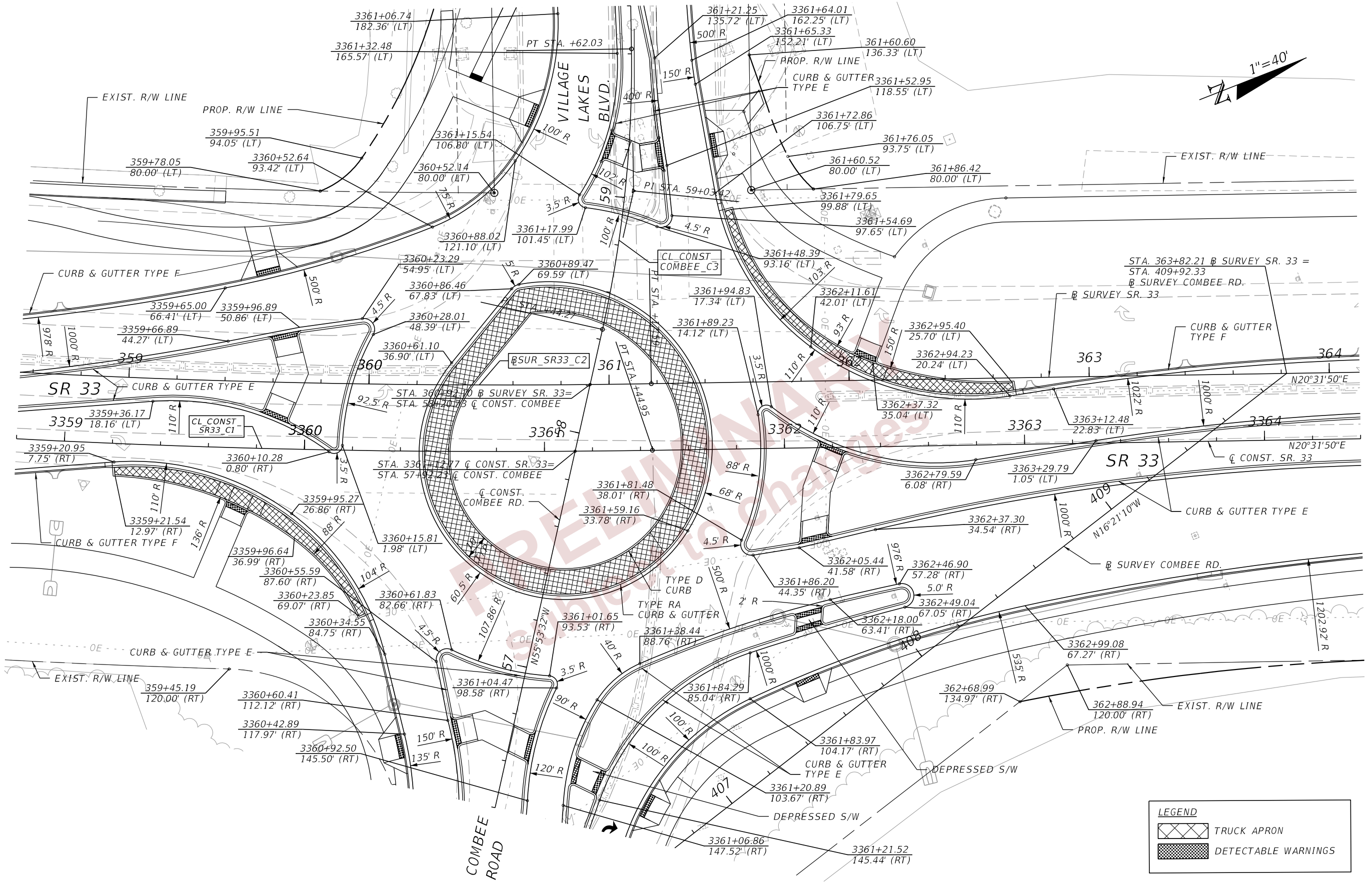
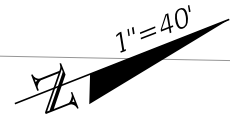
CURB RETURN NO. 15

NOTE:
 HORIZONTAL OFFSET SHOWN BASED ON DISTANCE
 ALONG CURB RETURN FROM SR 33 EOP INTERSECTION

SCALE
 1" = 40' Horizontal
 1" = 4' Vertical

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 101
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	CURB RETURN PROFILES (02)			

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LEGEND	
	TRUCK APRON
	DETECTABLE WARNINGS

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 DEBANANDA PANIGRAHI, P.E.
 LICENSE NUMBER 68318
 H. W. LOCHNER
 4300 W. CYPRESS STREET, SUITE 500
 TAMPA, FLORIDA 33607

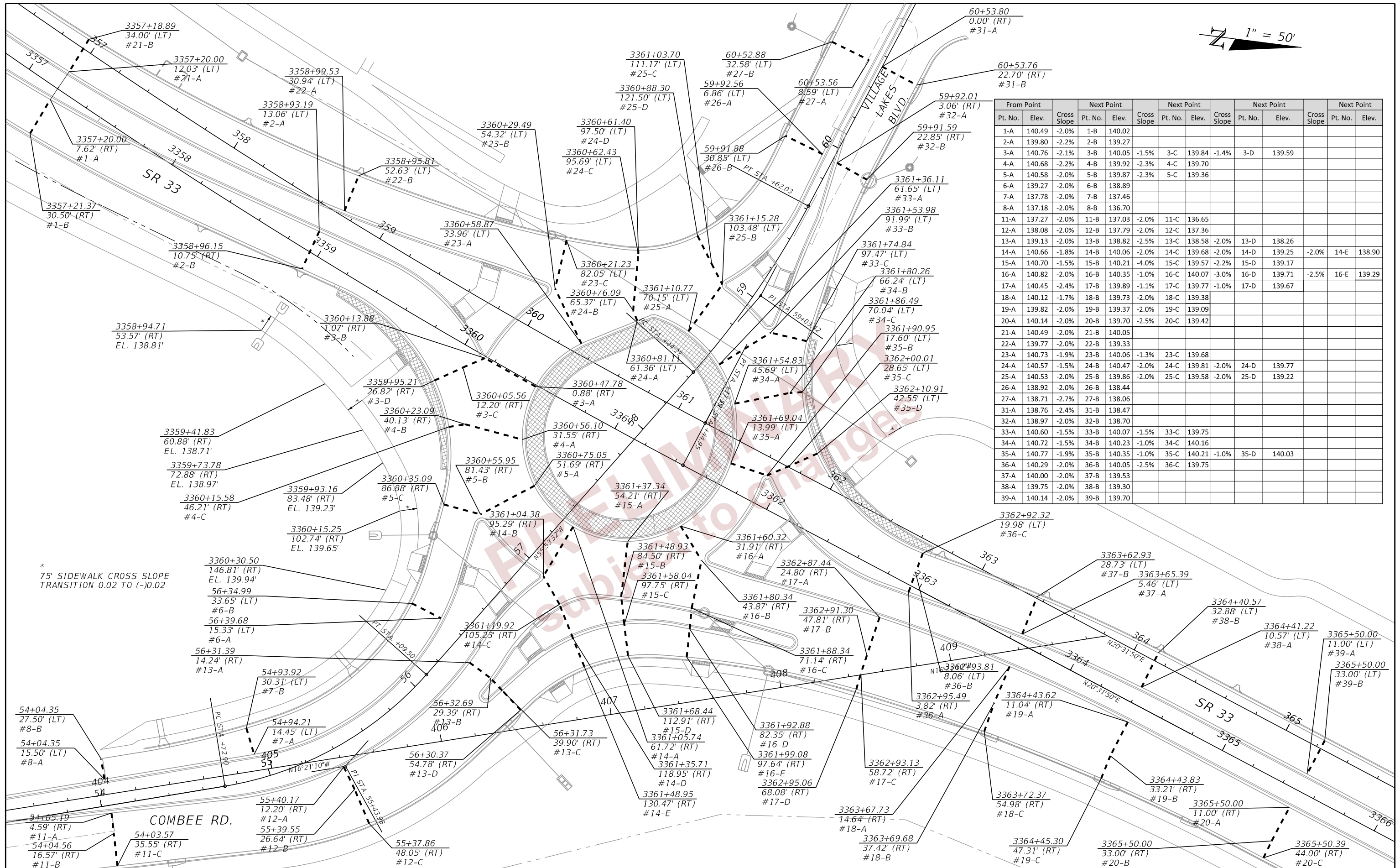
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

INTERSECTION DETAILS (01)
(GEOMETRY)

SHEET NO.
 102

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1" = 50'

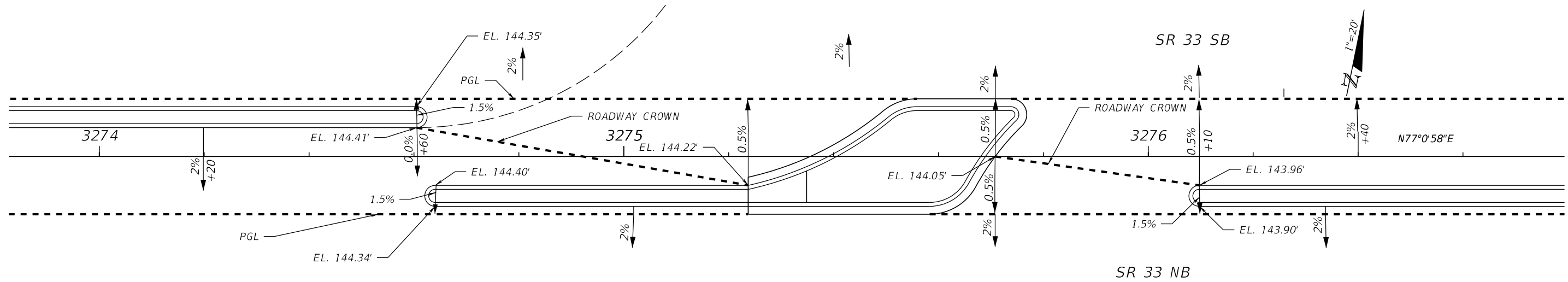


From Point Pt. No.	Elev.	Cross Slope	Next Point			Next Point			Next Point		
			Pt. No.	Elev.	Cross Slope	Pt. No.	Elev.	Cross Slope	Pt. No.	Elev.	Cross Slope
1-A	140.49	-2.0%	1-B	140.02							
2-A	139.80	-2.2%	2-B	139.27							
3-A	140.76	-2.1%	3-B	140.05	-1.5%	3-C	139.84	-1.4%	3-D	139.59	
4-A	140.68	-2.2%	4-B	139.92	-2.3%	4-C	139.70				
5-A	140.58	-2.0%	5-B	139.87	-2.3%	5-C	139.36				
6-A	139.27	-2.0%	6-B	138.89							
7-A	137.78	-2.0%	7-B	137.46							
8-A	137.18	-2.0%	8-B	136.70							
11-A	137.27	-2.0%	11-B	137.03	-2.0%	11-C	136.65				
12-A	138.08	-2.0%	12-B	137.79	-2.0%	12-C	137.36				
13-A	139.13	-2.0%	13-B	138.82	-2.5%	13-C	138.58	-2.0%	13-D	138.26	
14-A	140.66	-1.8%	14-B	140.06	-2.0%	14-C	139.68	-2.0%	14-D	139.25	-2.0%
15-A	140.70	-1.5%	15-B	140.21	-4.0%	15-C	139.57	-2.2%	15-D	139.17	
16-A	140.82	-2.0%	16-B	140.35	-1.0%	16-C	140.07	-3.0%	16-D	139.71	-2.5%
17-A	140.45	-2.4%	17-B	139.89	-1.1%	17-C	139.77	-1.0%	17-D	139.67	
18-A	140.12	-1.7%	18-B	139.73	-2.0%	18-C	139.38				
19-A	139.82	-2.0%	19-B	139.37	-2.0%	19-C	139.09				
20-A	140.14	-2.0%	20-B	139.70	-2.5%	20-C	139.42				
21-A	140.49	-2.0%	21-B	140.05							
22-A	139.77	-2.0%	22-B	139.33							
23-A	140.73	-1.9%	23-B	140.06	-1.3%	23-C	139.68				
24-A	140.57	-1.5%	24-B	140.47	-2.0%	24-C	139.81	-2.0%	24-D	139.77	
25-A	140.53	-2.0%	25-B	139.86	-2.0%	25-C	139.58	-2.0%	25-D	139.22	
26-A	138.92	-2.0%	26-B	138.44							
27-A	138.71	-2.7%	27-B	138.06							
31-A	138.76	-2.4%	31-B	138.47							
32-A	138.97	-2.0%	32-B	138.70							
33-A	140.60	-1.5%	33-B	140.07	-1.5%	33-C	139.75				
34-A	140.72	-1.5%	34-B	140.23	-1.0%	34-C	140.16				
35-A	140.77	-1.9%	35-B	140.35	-1.0%	35-C	140.21	-1.0%	35-D	140.03	
36-A	140.29	-2.0%	36-B	140.05	-2.5%	36-C	139.75				
37-A	140.00	-2.0%	37-B	139.53							
38-A	139.75	-2.0%	38-B	139.30							
39-A	140.14	-2.0%	39-B	139.70							

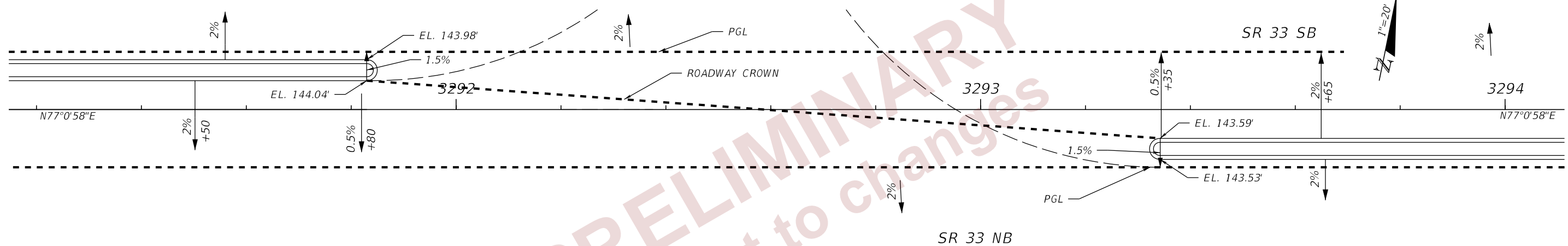
* 75' SIDEWALK CROSS SLOPE TRANSITION 0.02 TO (-)0.02

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (02) (GRADING)		SHEET NO. 103
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						SR 33	POLK	430185-4-24-01			

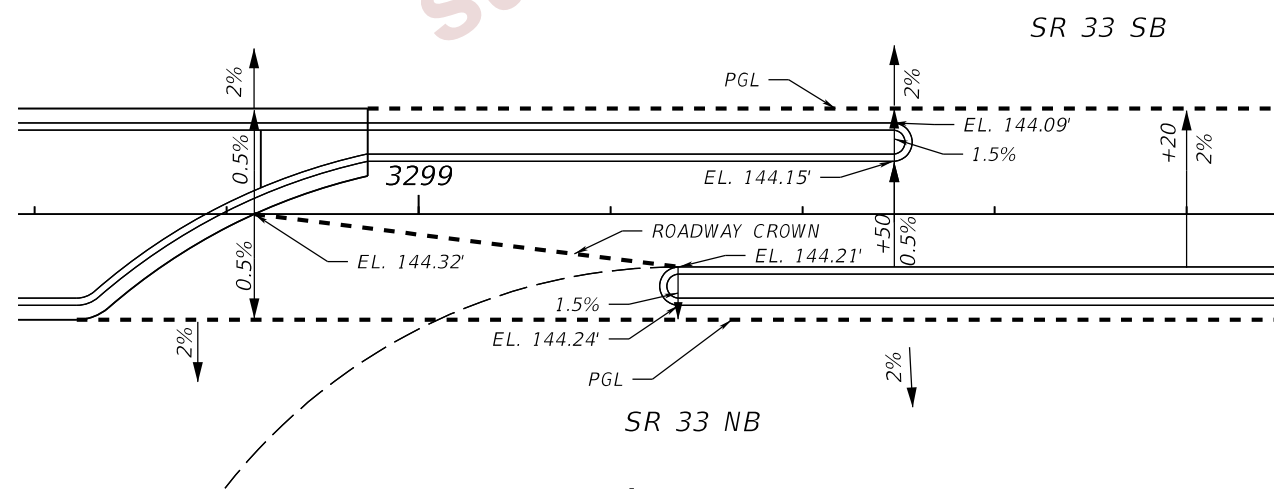
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SR 33 AT WOOD CIRCLE E.



SR 33 AT LAKE LUTHER RD.



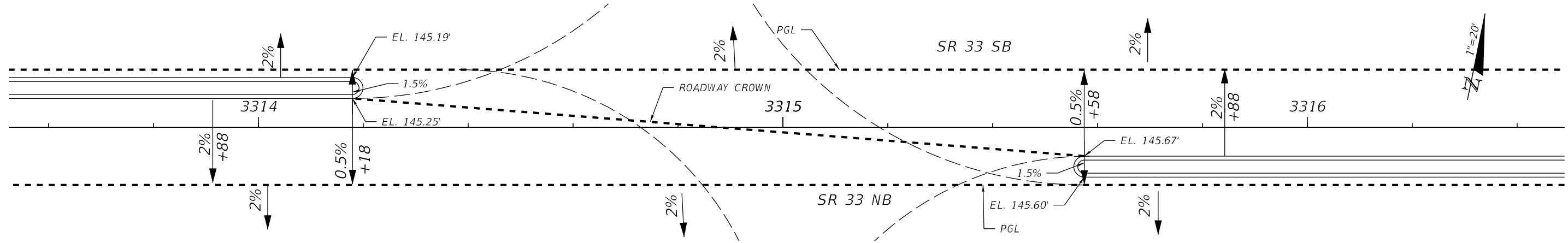
SR 33 AT SPANISH OAKS BLVD.

PRELIMINARY
 subject to changes

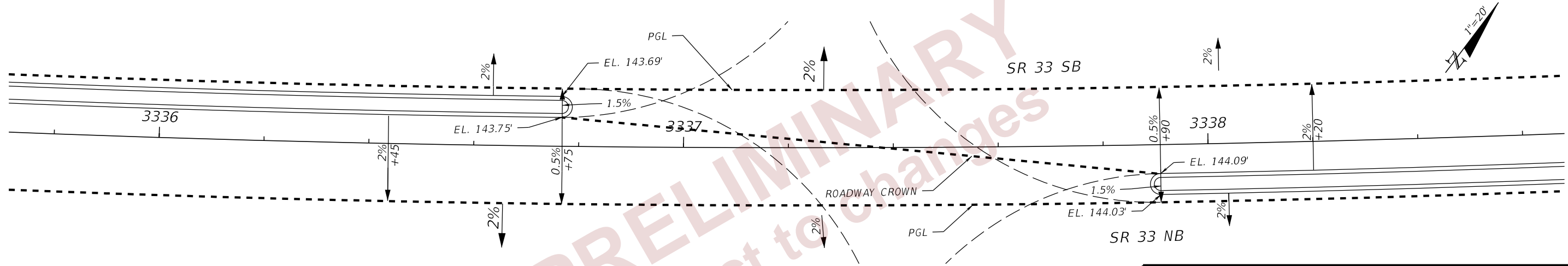
2/27/2024 6:39:05 PM john.lin
 c:\pw_working\lochner-pw-01\dms18867\INTDRD04.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (03) MEDIAN OPENING GRADING	SHEET NO. 104
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

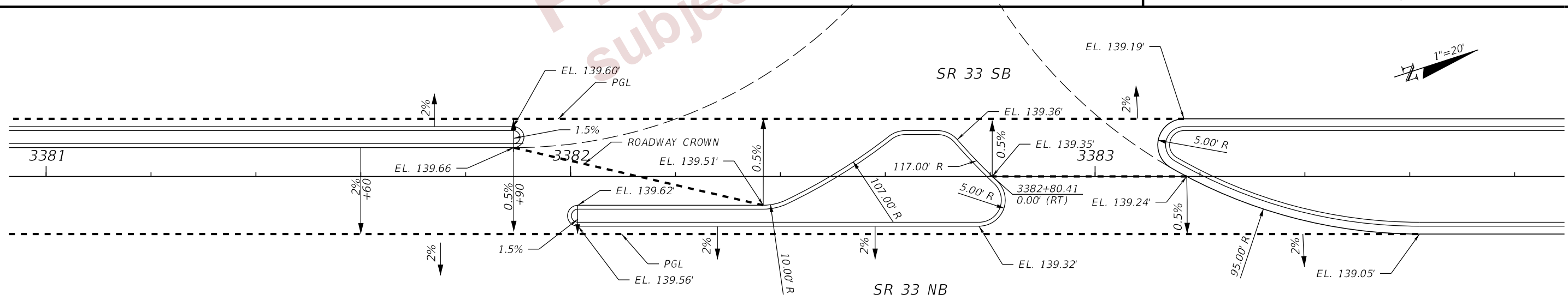
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SR 33 AT HURON WAY / LONG LAKE CIRCLE



SR 33 AT AUTUMN RIDGE RD. / WATERSIDE BLVD.



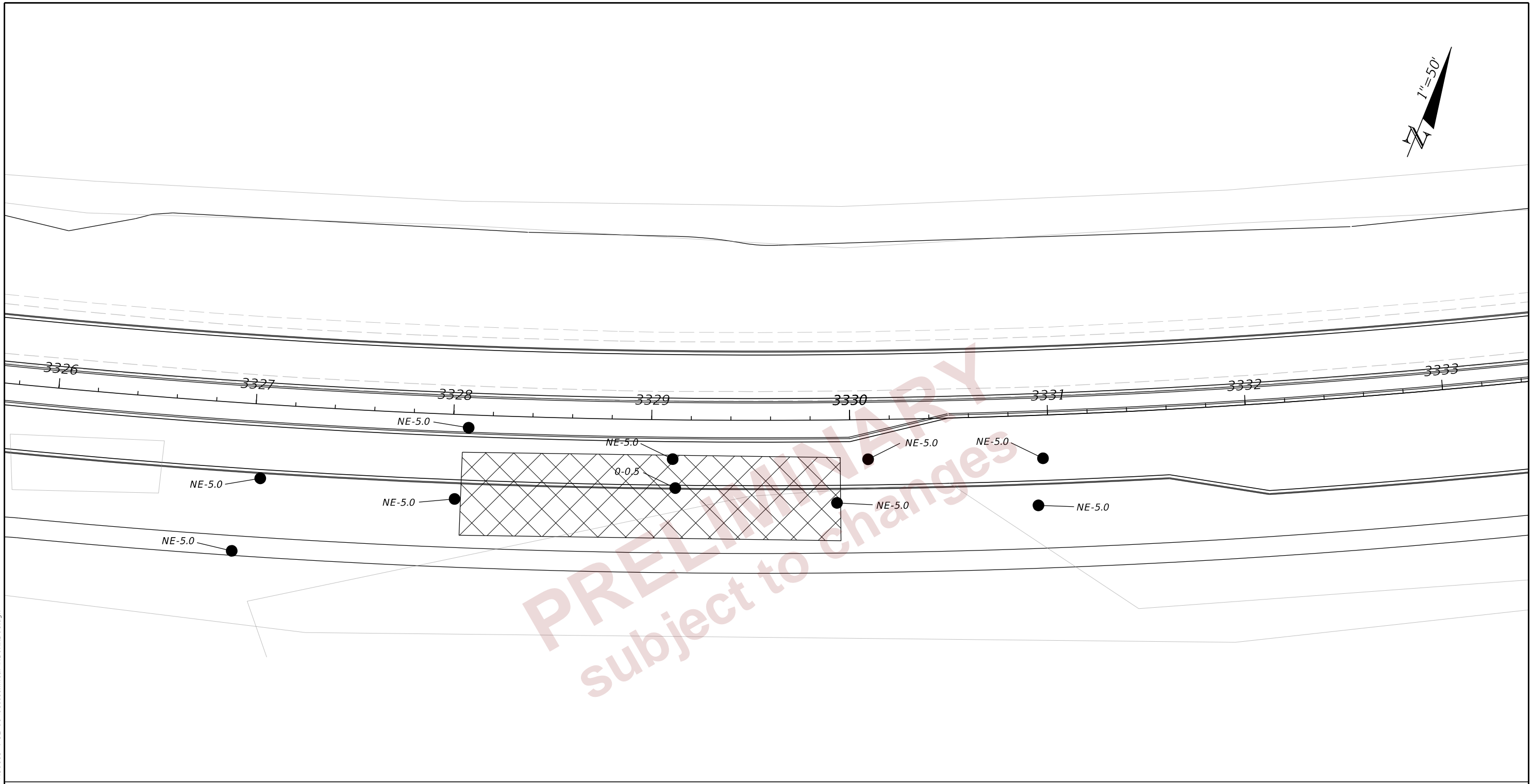
SR 33 AT TRADEPORT BLVD.

PRELIMINARY
 Subject to changes

2/27/2024 6:39:05 PM john.lin c:\pw_working\lochner-pw-01\dms18867\INTDRD04.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (04) MEDIAN OPENING GRADING	SHEET NO. 105
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

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PRELIMINARY
 subject to changes

LEGEND

- 2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE

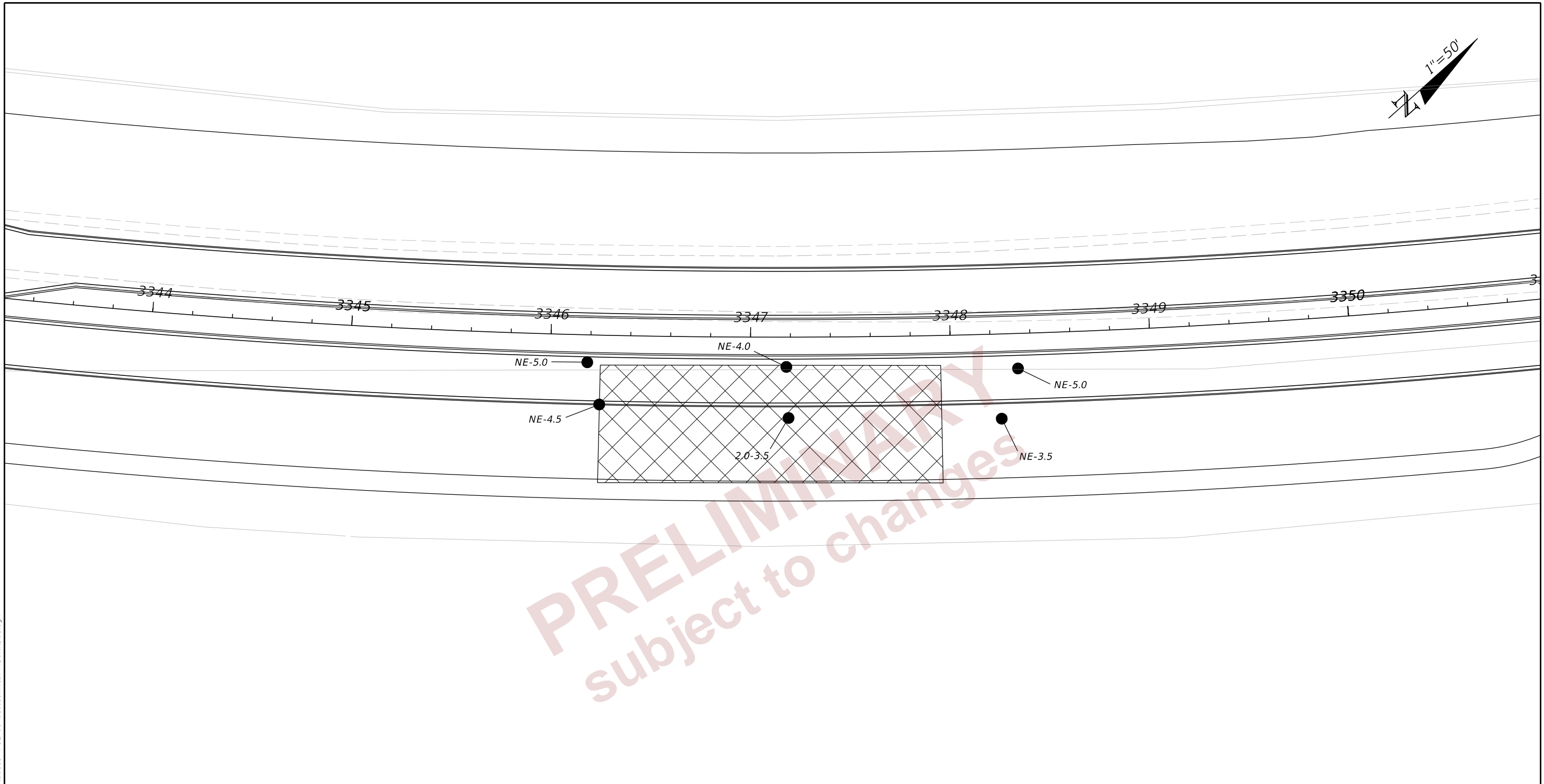
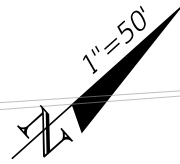
NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE

 APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL

8/19/2022 9:39:28 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-4520\ORD\430185-4-52-01\Geotechnical\MBORRD01.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		106
					SR 33	POLK	430185-4-52-01		



PRELIMINARY
 subject to changes

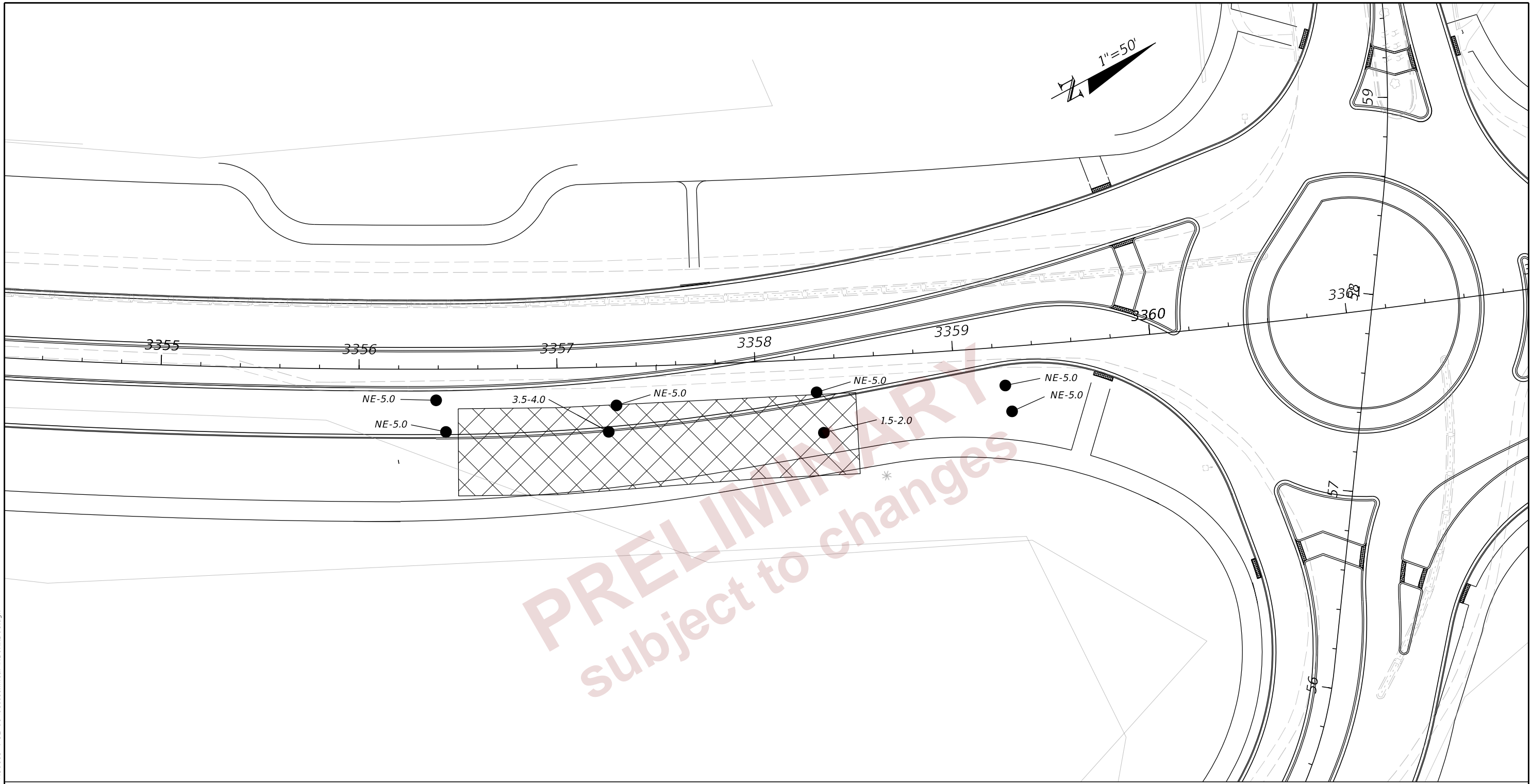
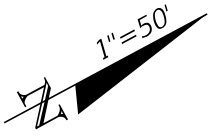
LEGEND

- -
 -
- 2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE
 - NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE
 - APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL



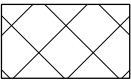
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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		107
					SR 33	POLK	430185-4-52-01		



LEGEND

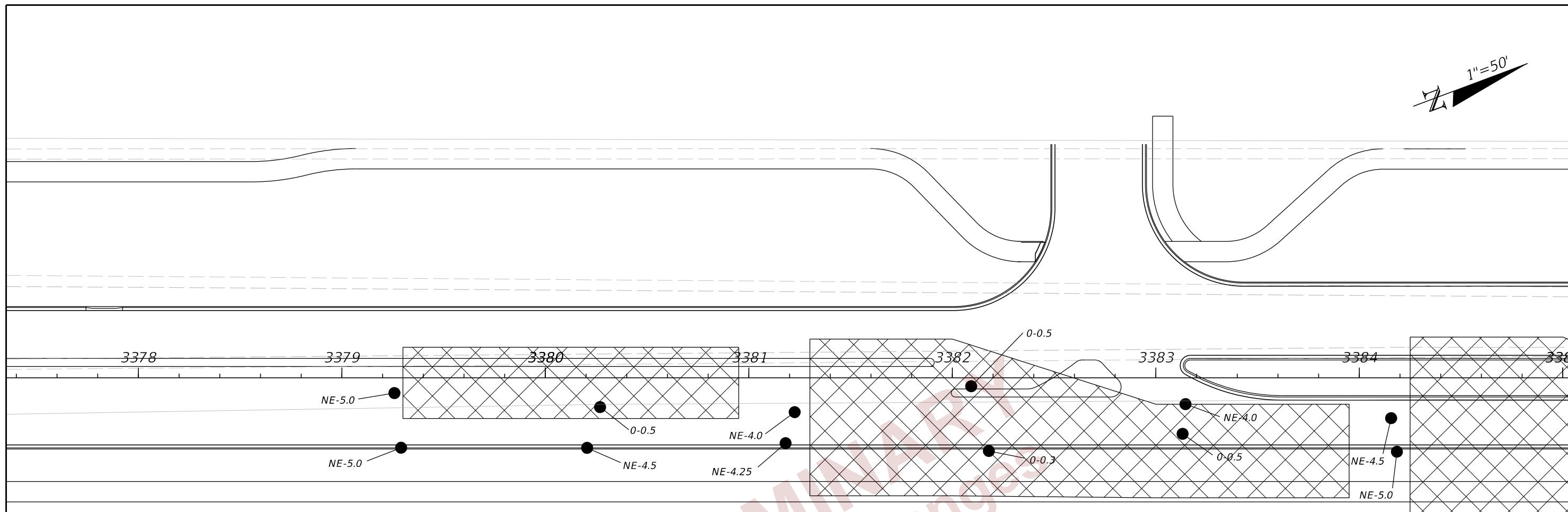
- 
2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE
- 
NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE
- 
APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL

8/19/2022 9:39:29 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\30185-4520\ORD\430185-4-52-01\Geotechnical\MBORRD01.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		108
					SR 33	POLK	430185-4-52-01		

1"=50'



PRELIMINARY
subject to changes

LEGEND

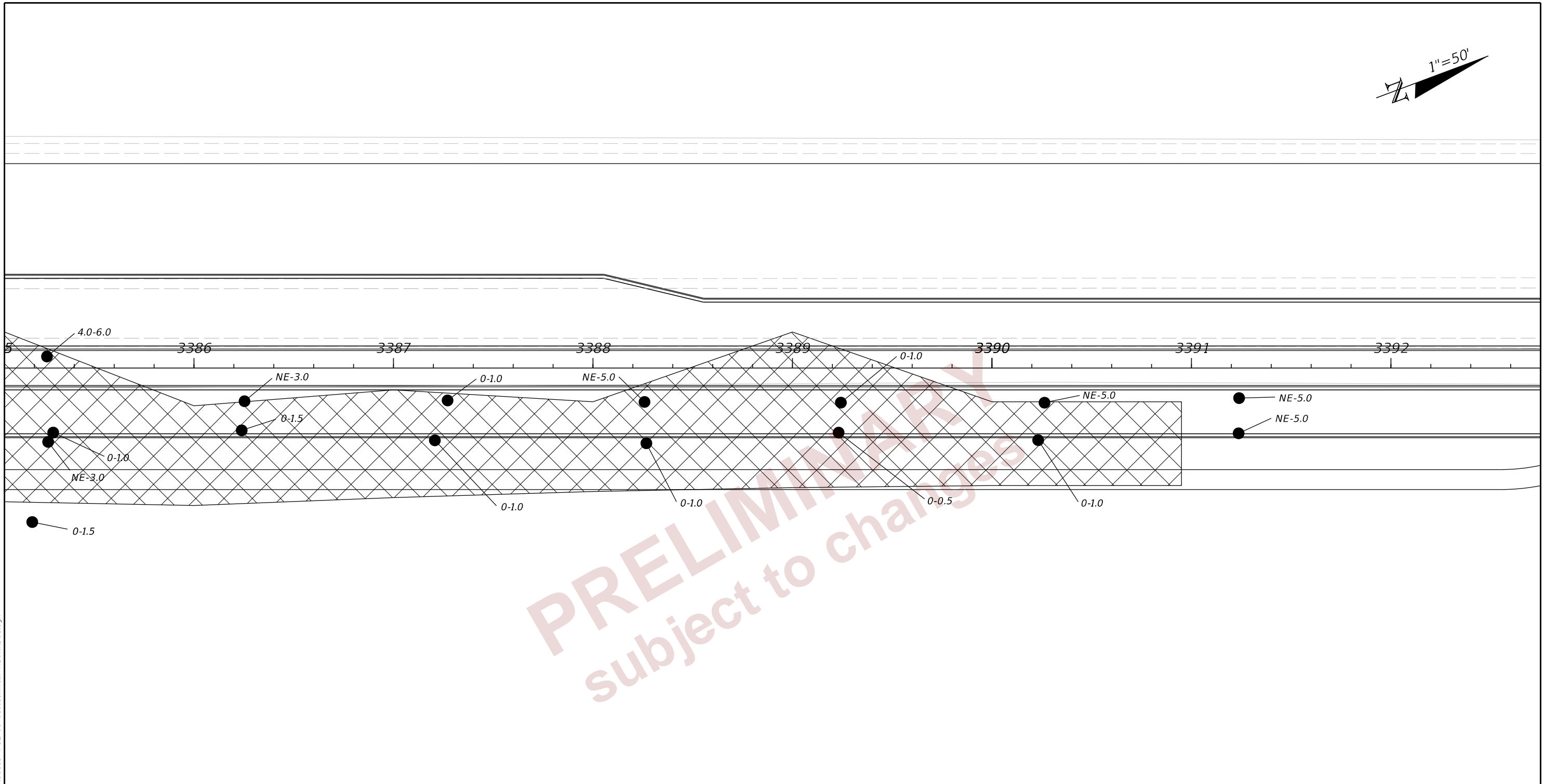
- 2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE
- NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE
- ▨ APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL

8/19/2022 9:39:30 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-4520\ORD\430185-4-52-01\Geotechnical\MBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (4)	SHEET NO. 109
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 33	POLK	430185-4-52-01		

1"=50'



PRELIMINARY
subject to change

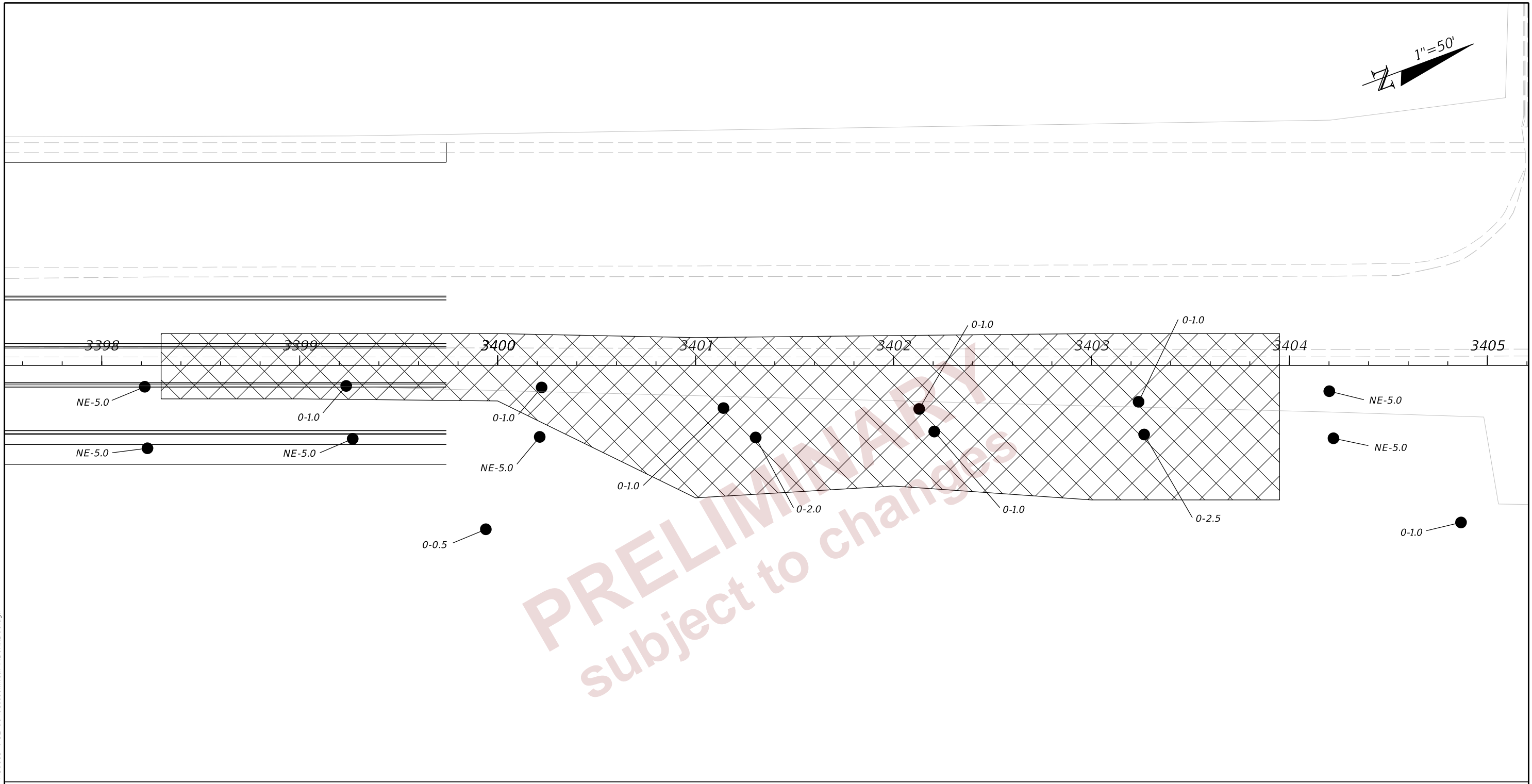
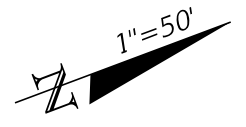
LEGEND

- 2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE
- NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE
- ▨ APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL

8/19/2022 9:39:30 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185\4520\ORD\430185-4-52-01\Geotechnical\MBORRD01.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		110
					SR 33	POLK	430185-4-52-01		



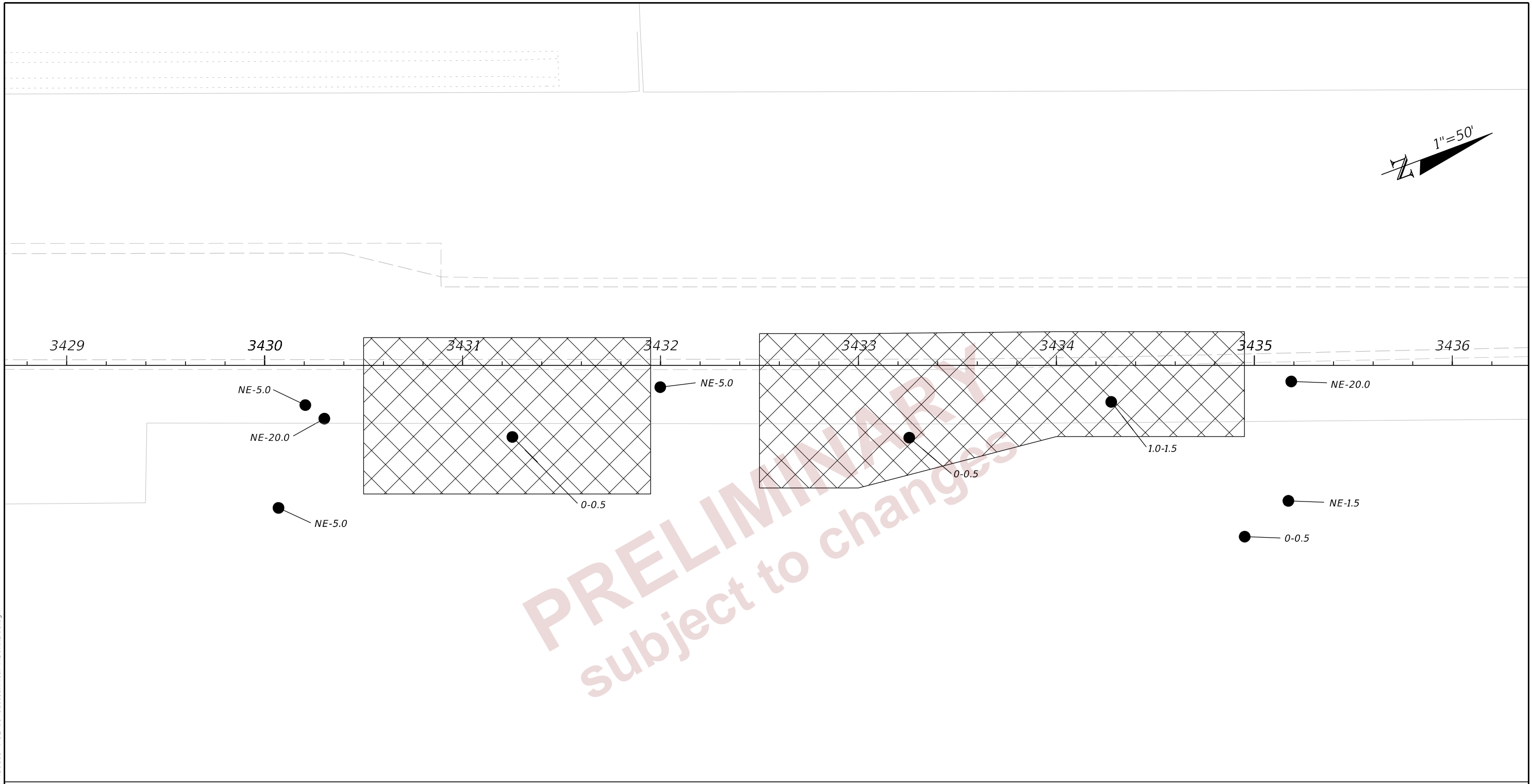
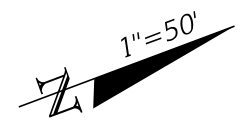
LEGEND

- 2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE
- NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE
- ▨ APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL

8/19/2022 9:39:31 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185\4520\ORD\430185-4-52-01\Geotechnical\MBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		111
					SR 33	POLK	430185-4-52-01		



LEGEND

- 2.0-6.0 ORGANIC MATERIALS ENCOUNTERED WITHIN A DEPTH OF 2.0 TO 4.0 FEET BELOW GRADE
- NE-4.0 ORGANIC MATERIALS NOT ENCOUNTERED TO A DEPTH OF 4.0 FEET BELOW GRADE
- ▨ APPROXIMATE LIMITS OF ORGANIC MATERIAL REMOVAL

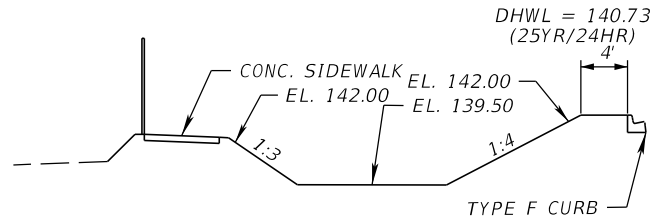
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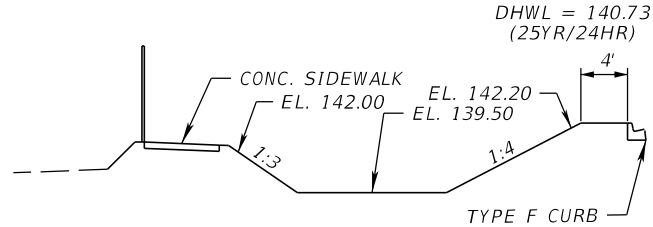
REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MUCK DELINEATION PLAN (7)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		112
					SR 33	POLK	430185-4-52-01		

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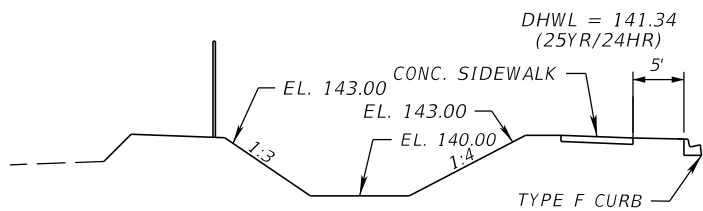
SWALE C3-1 SECTION



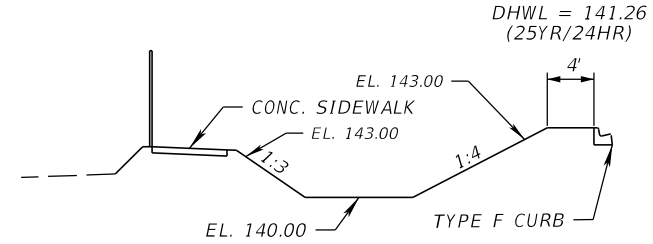
SWALE C3-2 SECTION



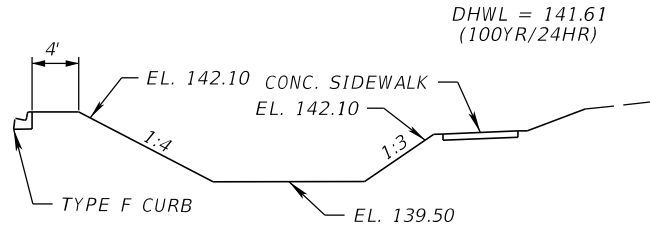
SWALE C4-1 SECTION



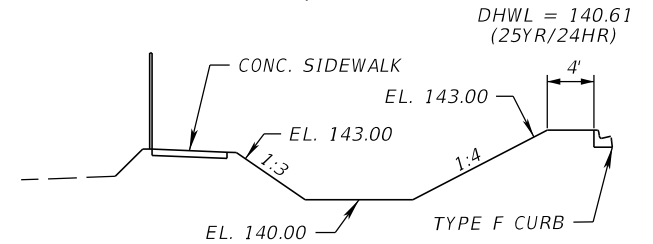
SWALE C4-2 SECTION



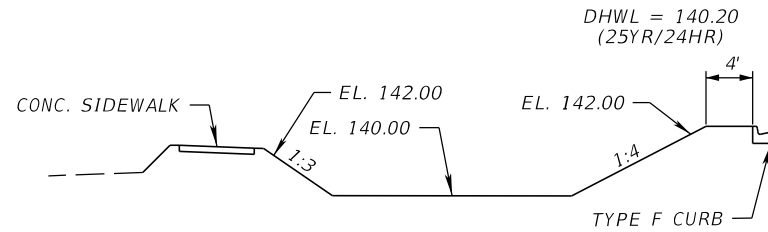
SWALE E SECTION



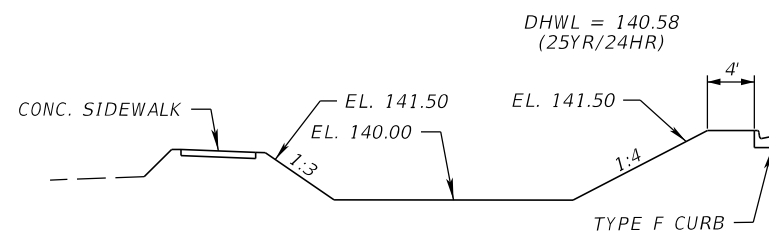
SWALE 3A-1/2 SECTION



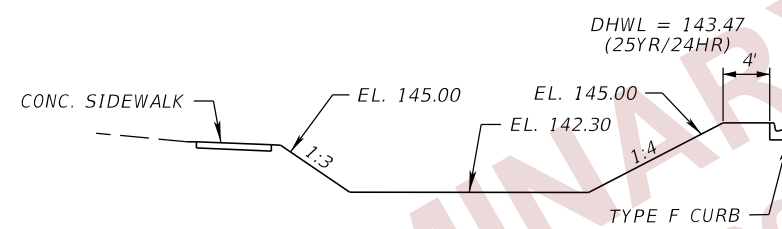
SWALE 3B SECTION



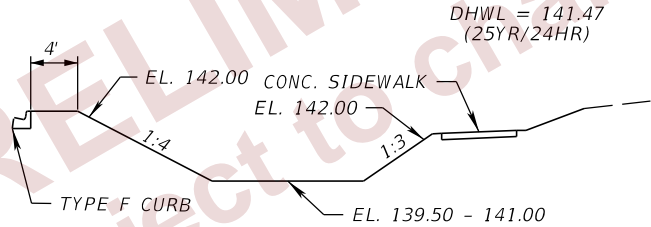
SWALE 3C-1/2 SECTION



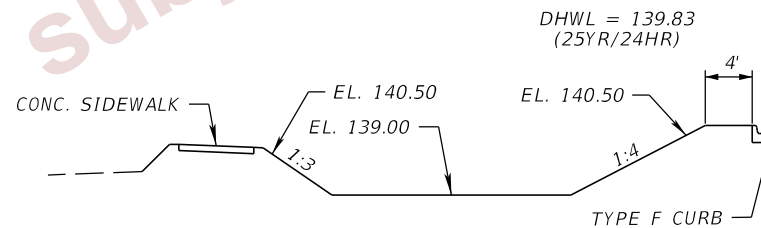
SWALE 3D SECTION



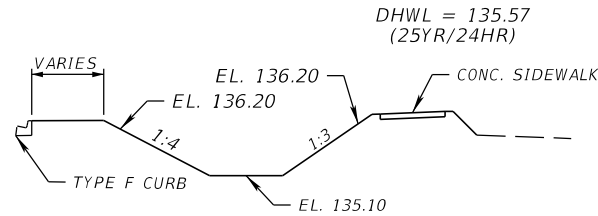
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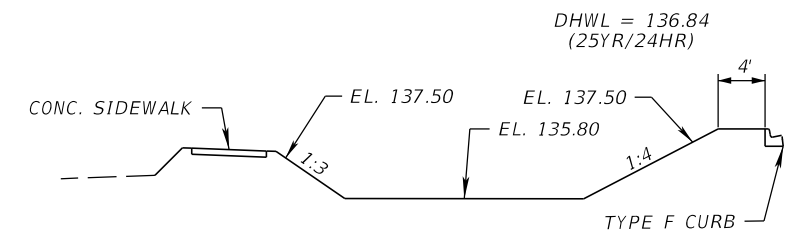
SWALE 4A SECTION



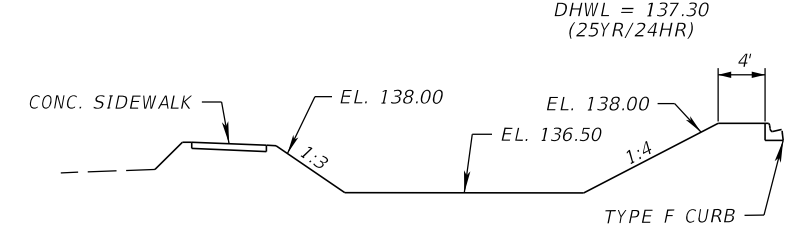
SWALE 4C SECTION



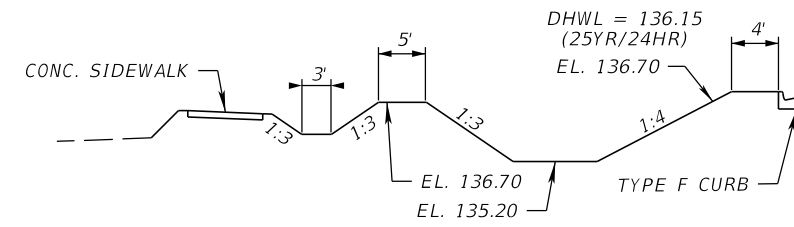
SWALE 4D SECTION



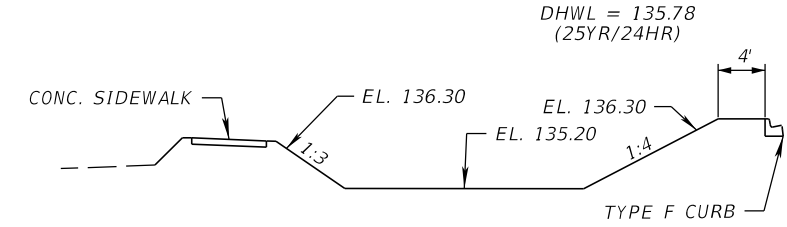
SWALE 5A SECTION



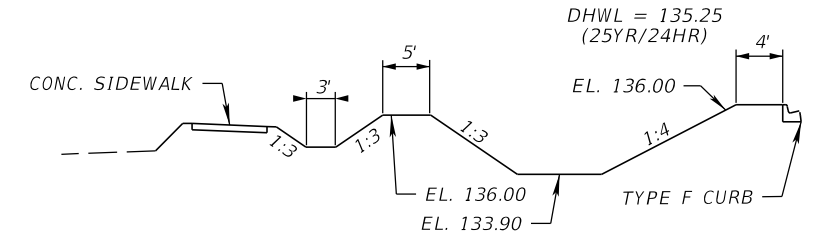
SWALE 5B SECTION



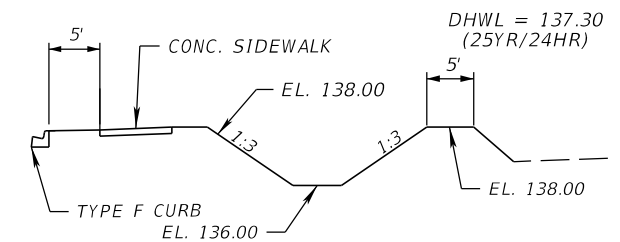
SWALE 5C SECTION



SWALE 5D SECTION



SWALE 5E SECTION

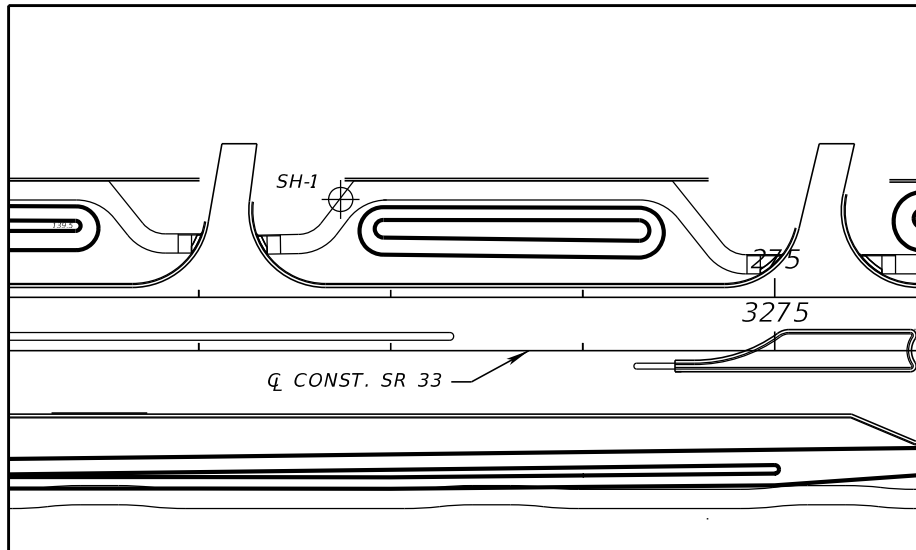


REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

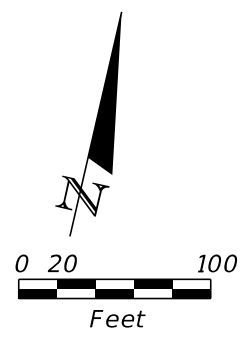
POND DETAILS (01)

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BORING LOCATION PLAN



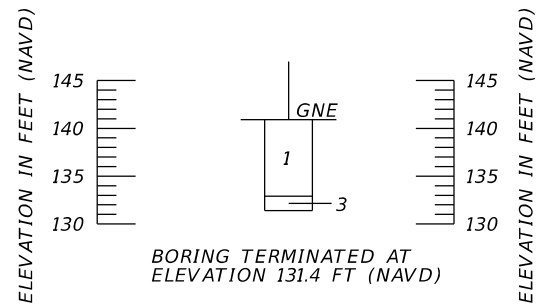
LEGEND

1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- Q SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # SH-1 (2)
 STA. 3272+74
 REF. Q CONST. SR 33
 OFF 79' LT.
 ELEV. 140.9
 DATE 11/19/2012

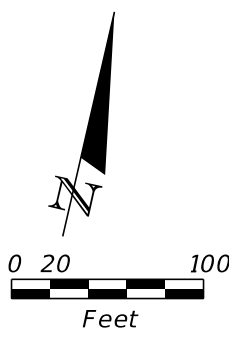
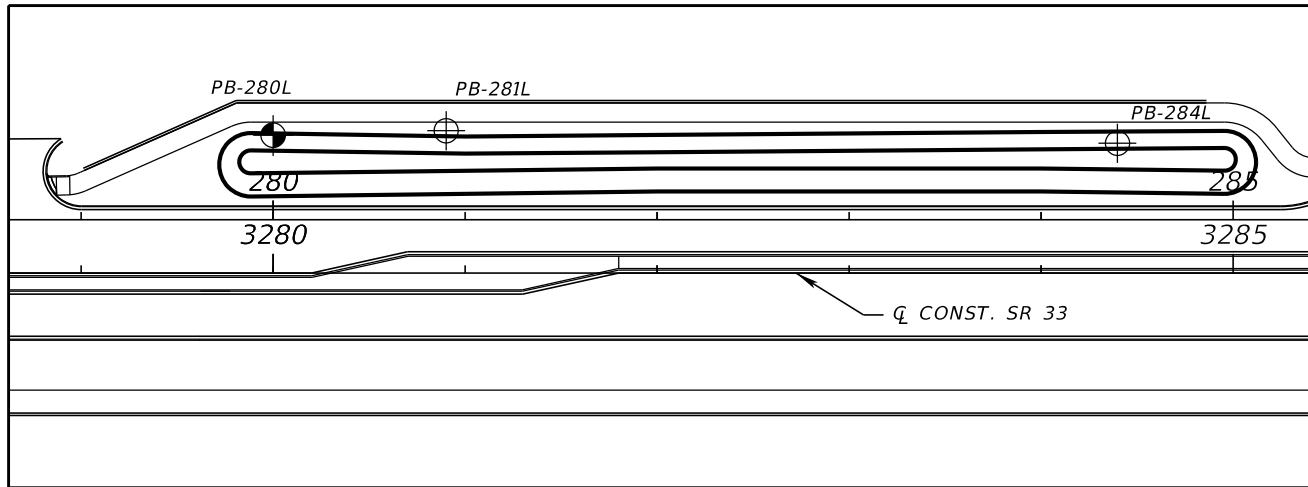


	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

8/19/2022 9:31:19 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-45-201\ORD\430185-4-52-01\Geotechnical\PBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK		430185-4-52-01



BORING LOCATION PLAN

LEGEND

- 1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
- 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
- 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
- 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
- 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
- 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)

- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊙ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

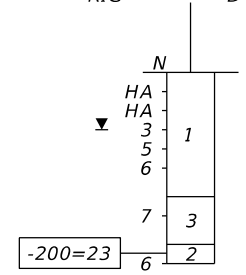
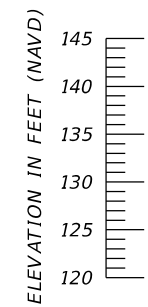
NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
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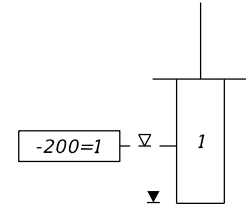
BOR # PB-280L (2)
 STA. 3280+00
 REF. CL CONST. SR 33
 OFF. 72' LT.
 ELEV. 144.7
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

BOR # PB-281L (1)
 STA. 3280+90
 REF. CL CONST. SR 33
 OFF. 74' LT.
 ELEV. 144.0
 DATE 7/17/2015

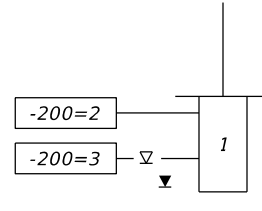
BOR # PB-284L (1)
 STA. 3284+40
 REF. CL CONST. SR 33
 OFF. 68' LT.
 ELEV. 142.2
 DATE 7/17/2015



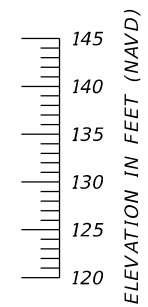
BORING TERMINATED AT ELEVATION 124.7 FT (NAVD)
 LATITUDE: N 28.10881
 LONGITUDE: W 81.92981



BORING TERMINATED AT ELEVATION 131.0 FT (NAVD)



BORING TERMINATED AT ELEVATION 132.2 FT (NAVD)



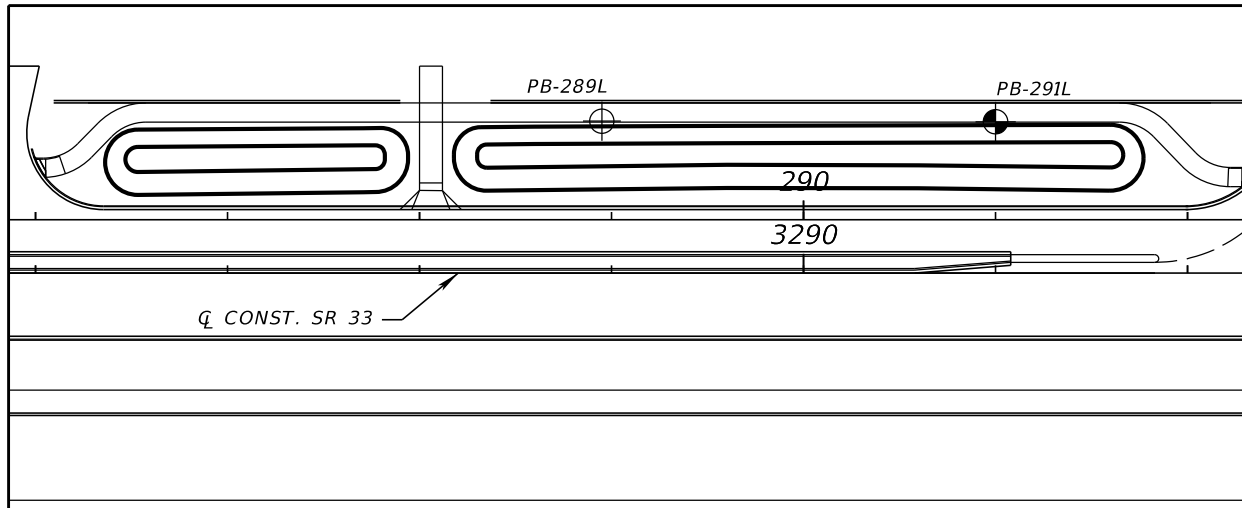
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

8/19/2022 9:31:21 AM bgarcia J:\6511\2014 Files\6511-1-074 SR 33 at I-4\430185-4520\ORD\430185-4-52-01\Geotechnical\PBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 115
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (2)



BORING LOCATION PLAN

LEGEND

- 1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
- 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
- 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
- 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
- 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
- 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)

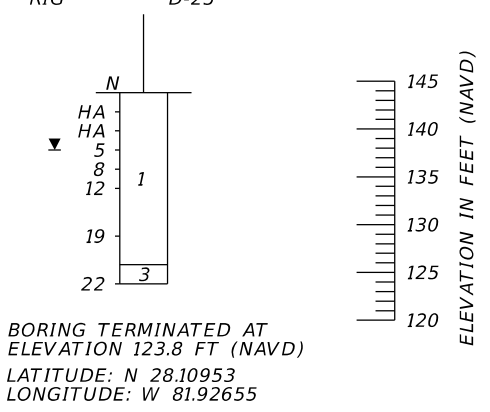
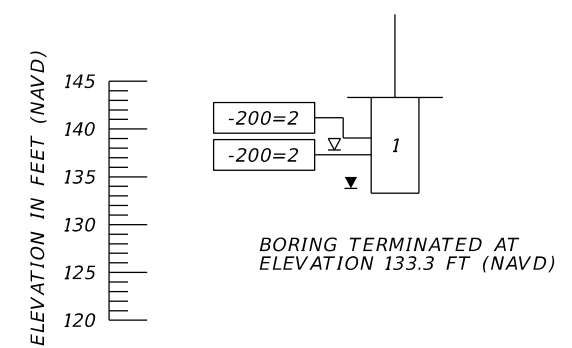
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊙ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
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BOR # PB-289L (1)
 STA. 3288+95
 REF. CL CONST. SR 33
 OFF 79' LT.
 ELEV. 143.3
 DATE 7/17/2015

BOR # PB-291L (2)
 STA. 3291+00
 REF. CL CONST. SR 33
 OFF 79' LT.
 ELEV. 143.8
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25



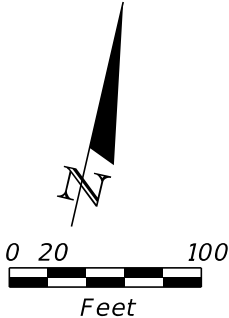
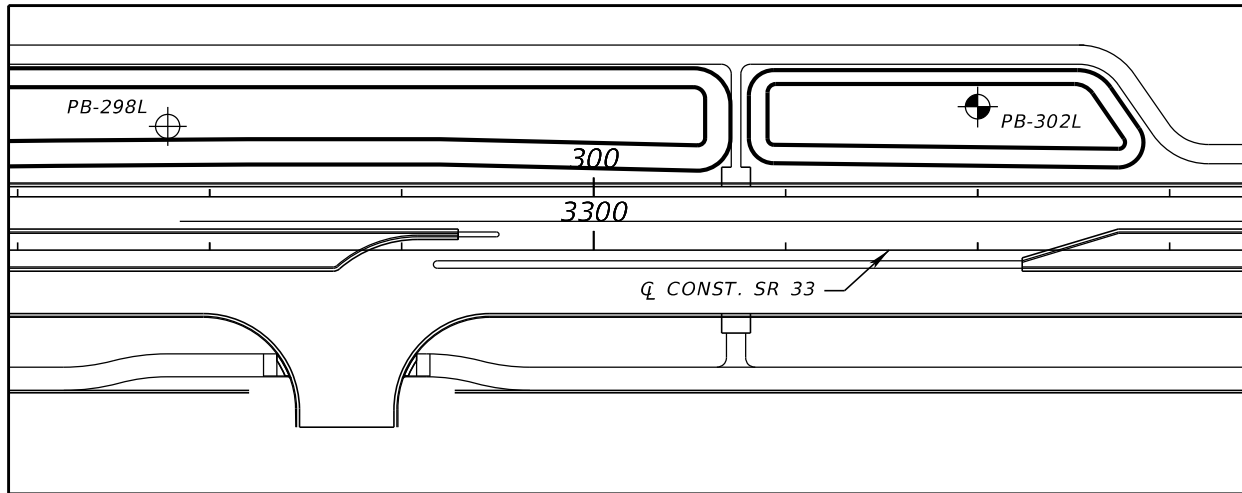
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

8/19/2022 9:31:22 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-45\2014\ORD\430185-4-52-01\geotechnical\PBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 116
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (3)



BORING LOCATION PLAN

LEGEND

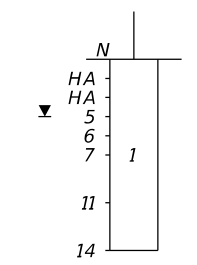
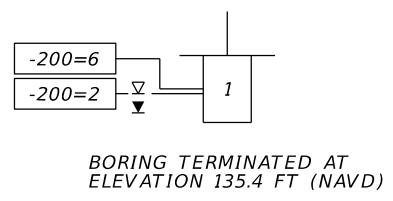
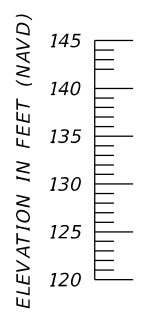
1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

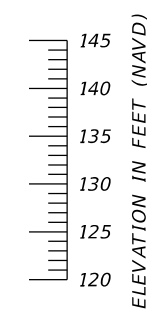
1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # PB-298L (1)
 STA. 3297+78
 REF. CL CONST. SR 33
 OFF. 64' LT.
 ELEV. 142.4
 DATE 7/17/2015

BOR # PB-302L (2)
 STA. 3302+00
 REF. CL CONST. SR 33
 OFF. 75' LT.
 ELEV. 142.0
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC RIG D-25



BORING TERMINATED AT ELEVATION 122.0 FT (NAVD)
 LATITUDE: N 28.11017
 LONGITUDE: W 81.92323



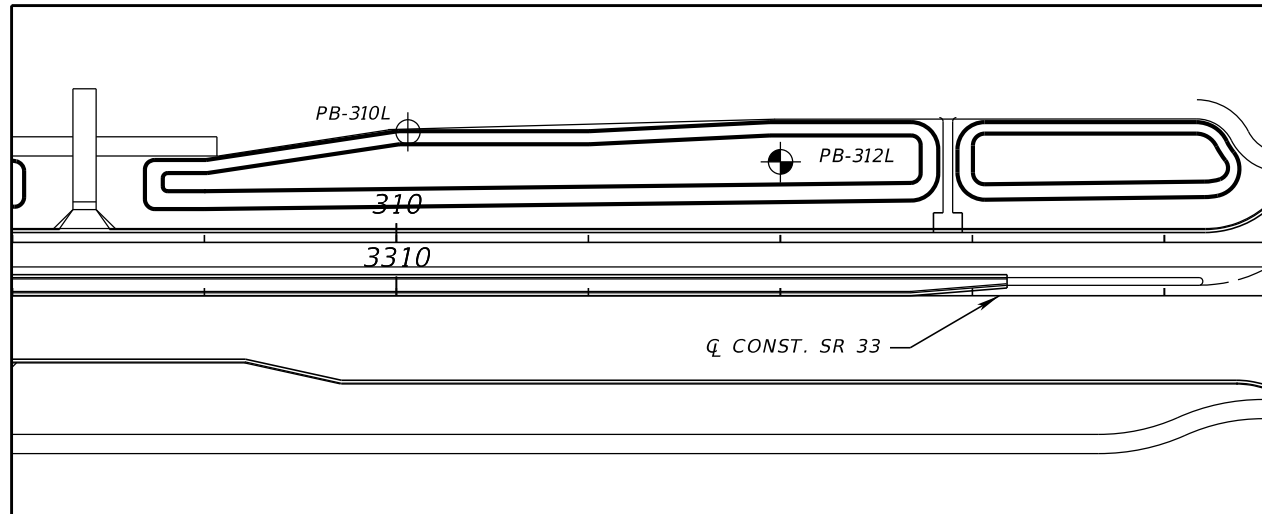
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
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SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

8/19/2022 9:31:22 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-45-20\ORD\430185-4-52-01\geotechnical\PBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 117
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (4)



BORING LOCATION PLAN

LEGEND

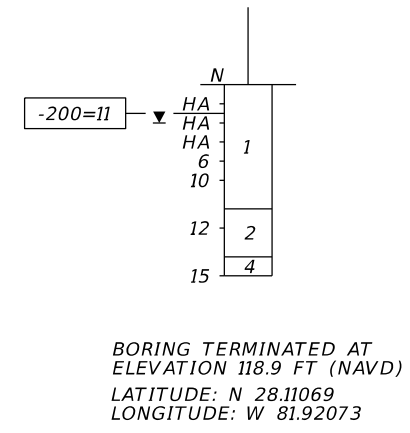
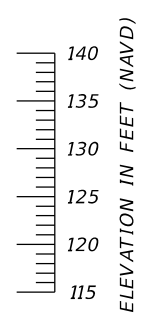
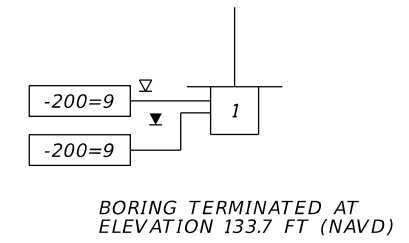
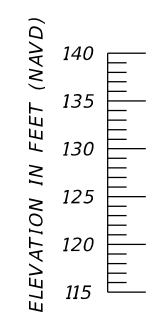
- 1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
- 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
- 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
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- 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
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- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊙ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # PB-310L (1)
 STA. 3310+06
 REF. CL CONST. SR 33
 OFF. 85' LT.
 ELEV. 138.7
 DATE 7/17/2015

BOR # PB-312L (2)
 STA. 3312+00
 REF. CL CONST. SR 33
 OFF. 70' LT.
 ELEV. 138.9
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25



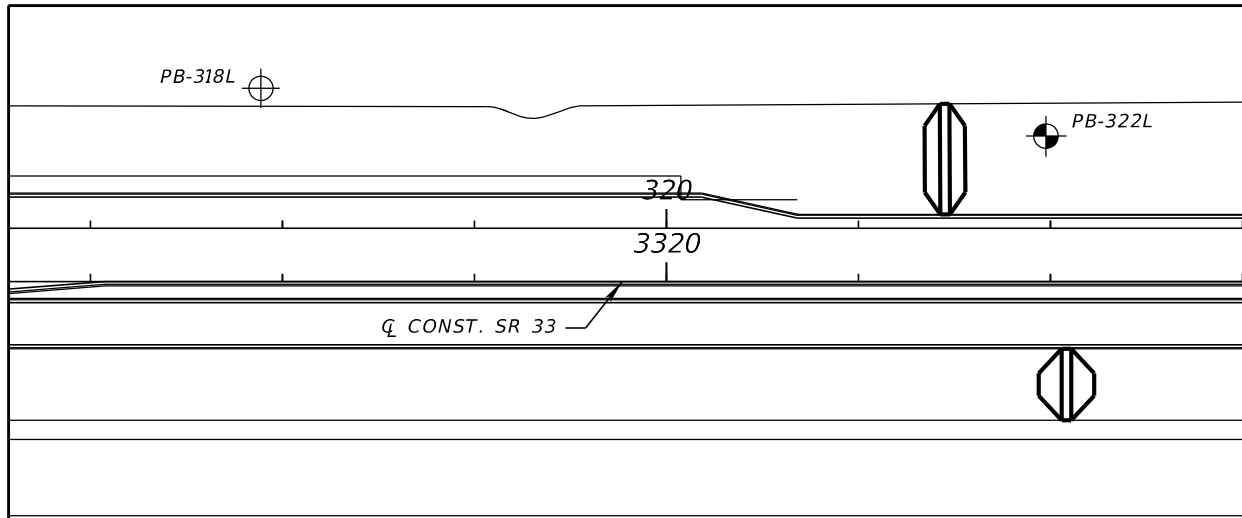
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

8/19/2022 9:31:23 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-45-20\ORD\430185-4-52-01\geotechnical\PBORR001.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 118
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (5)



BORING LOCATION PLAN

LEGEND

- 1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
- 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
- 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
- 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
- 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
- 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)

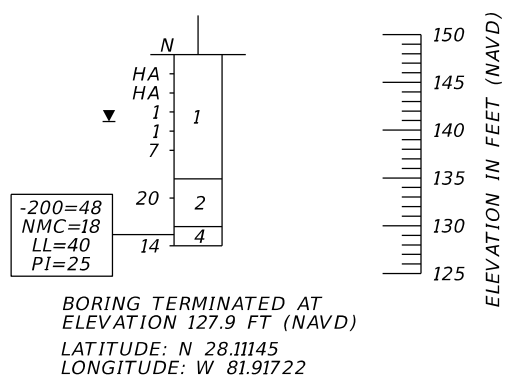
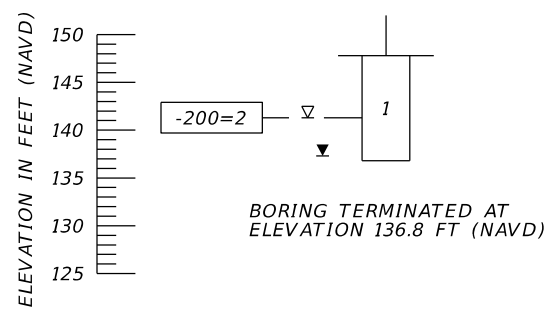
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # PB-318L (1)
 STA. 3317+89
 REF. CL CONST. SR 33
 OFF 101' LT.
 ELEV. 147.8
 DATE 7/17/2015

BOR # PB-322L (2)
 STA. 3321+98
 REF. CL CONST. SR 33
 OFF 76' LT.
 ELEV. 147.9
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25



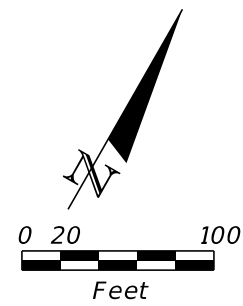
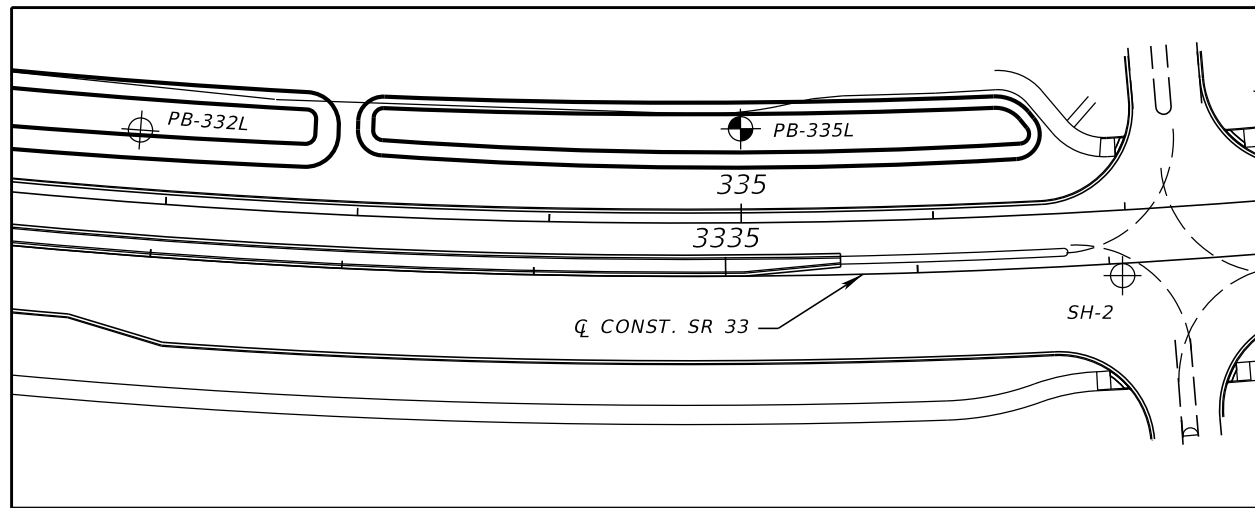
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 119
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (6)



BORING LOCATION PLAN

LEGEND

1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

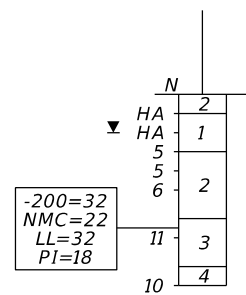
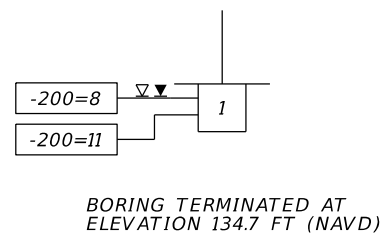
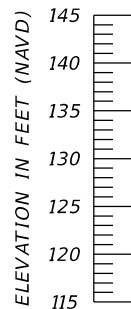
NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

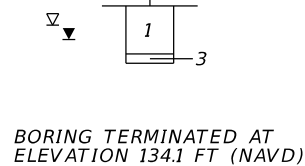
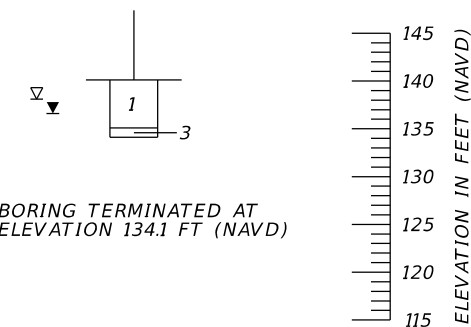
BOR # PB-332L (1)
 STA. 3331+90
 REF. CL CONST. SR 33
 OFF. 65' LT.
 ELEV. 139.7
 DATE 9/17/2015

BOR # PB-335L (2)
 STA. 3335+08
 REF. CL CONST. SR 33
 OFF. 77' LT.
 ELEV. 138.6
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

BOR # SH-2 (2)
 STA. 3337+06
 REF. CL CONST. SR 33
 OFF. 6' RT.
 ELEV. 140.1
 DATE 11/19/2012



BORING TERMINATED AT
 ELEVATION 118.6 FT (NAVD)
 LATITUDE: N 28.11266
 LONGITUDE: W 81.91347



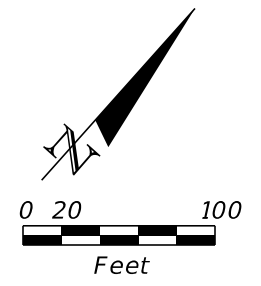
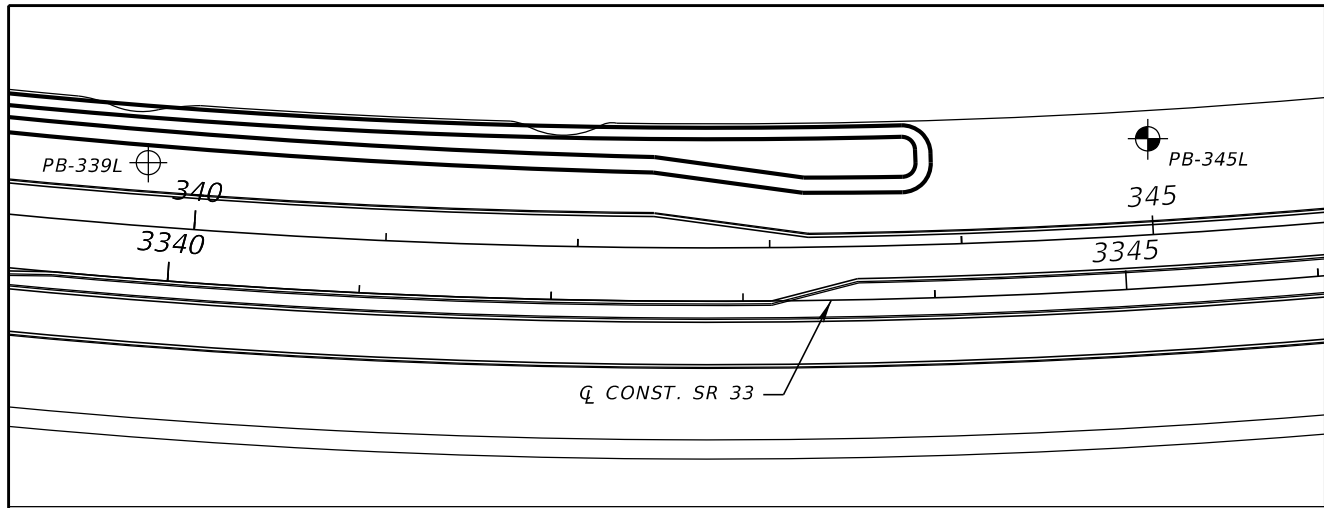
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 120
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (7)



BORING LOCATION PLAN

LEGEND

- 1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
- 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
- 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
- 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
- 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
- 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)

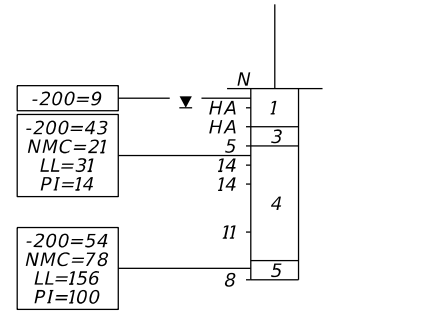
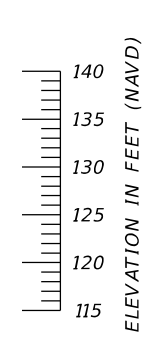
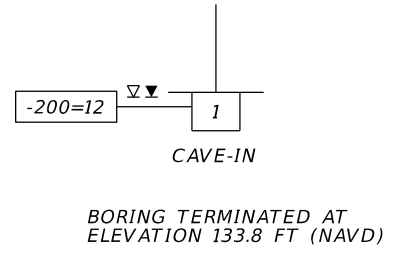
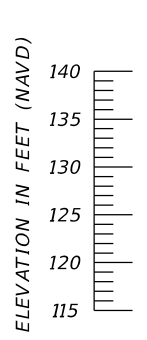
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # PB-339L (1)
 STA. 3339+85
 REF. CL CONST. SR 33
 OFF 61' LT.
 ELEV. 137.8
 DATE 9/17/2015

BOR # PB-345L (2)
 STA. 3345+16
 REF. CL CONST. SR 33
 OFF 78' LT.
 ELEV. 138.2
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC RIG D-25



BORING TERMINATED AT ELEVATION 118.2 FT (NAVD)
 LATITUDE: N 28.11434
 LONGITUDE: W 81.91107

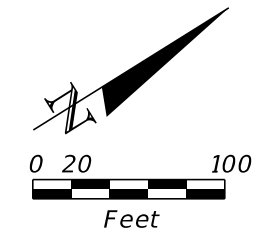
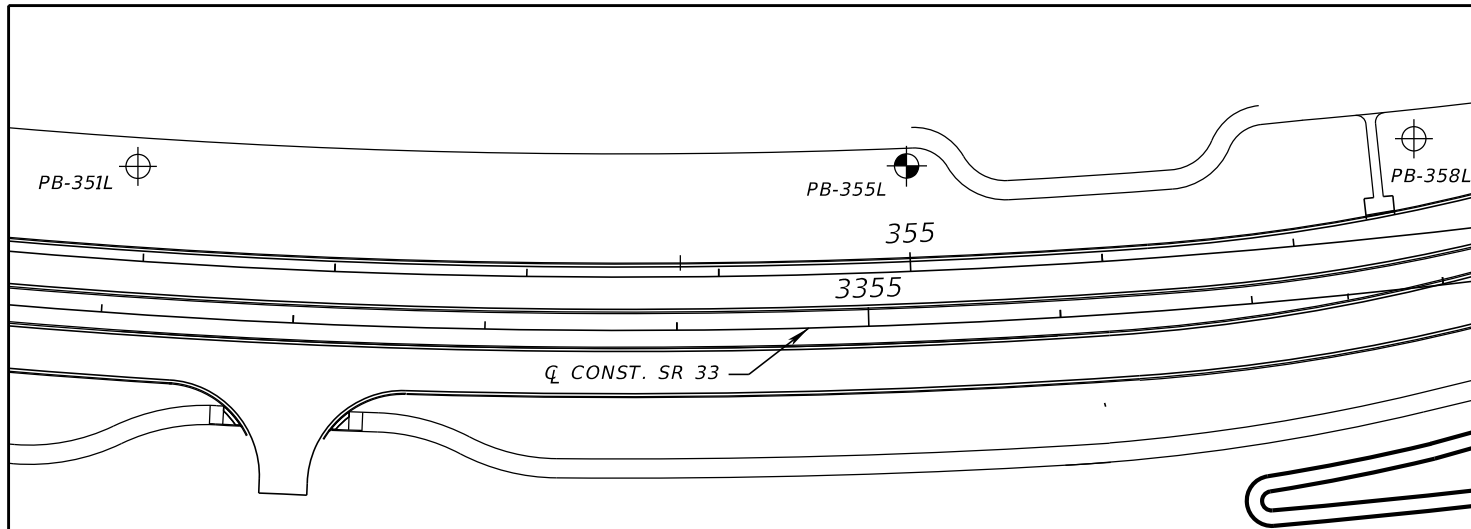
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 121
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-4-52-01	

POND SOIL SURVEY (8)



BORING LOCATION PLAN

- LEGEND**
1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

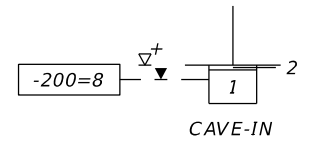
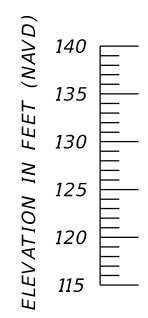
NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

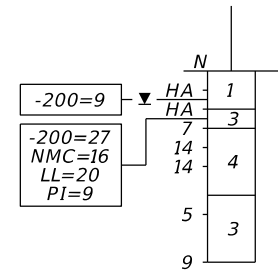
BOR # PB-351L (1)
 STA. 3351+14
 REF. CL CONST. SR 33
 OFF. 77' LT.
 ELEV. 135.8
 DATE 7/17/2015

BOR # PB-355L (2)
 STA. 3355+23
 REF. CL CONST. SR 33
 OFF. 85' LT.
 ELEV. 135.2
 DATE 7/21/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

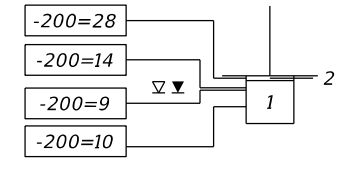
BOR # PB-358L (1)
 STA. 3357+93
 REF. CL CONST. SR 33
 OFF. 77' LT.
 ELEV. 134.7
 DATE 9/17/2015



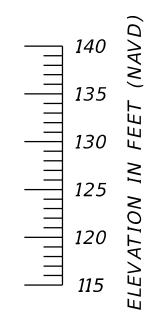
BORING TERMINATED AT ELEVATION 131.8 FT (NAVD)



BORING TERMINATED AT ELEVATION 115.2 FT (NAVD)
 LATITUDE: N 28.11645
 LONGITUDE: W 81.90917



BORING TERMINATED AT ELEVATION 129.7 FT (NAVD)

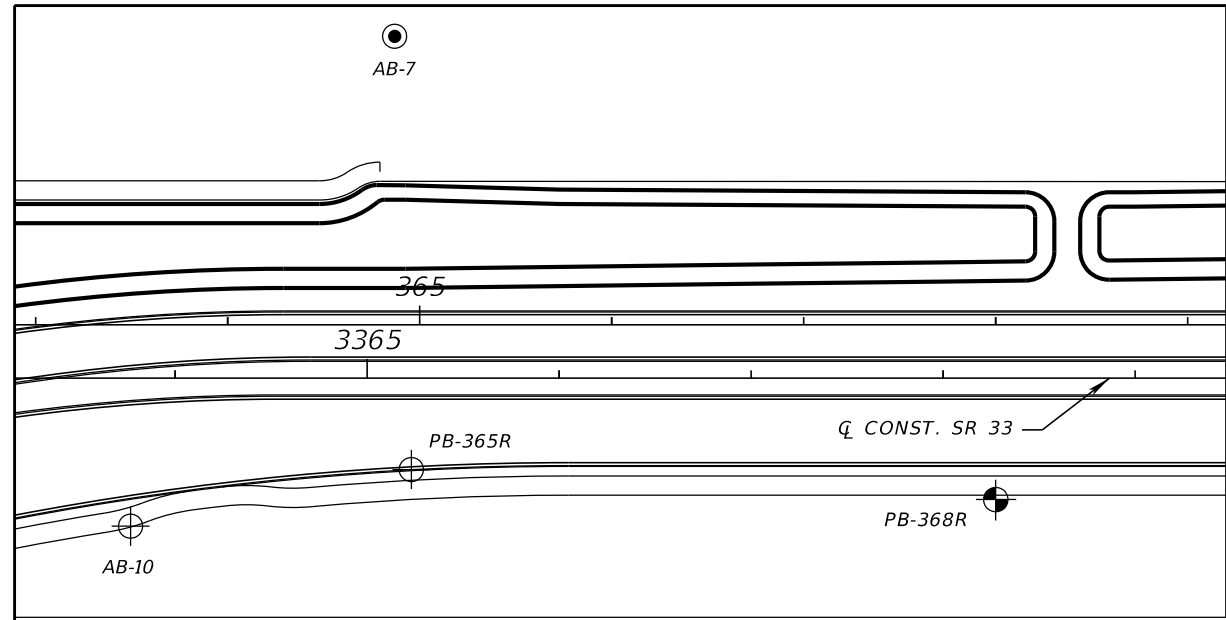


	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

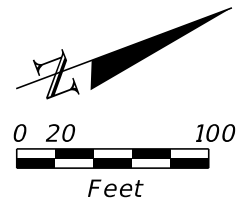
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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (9)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK		430185-4-52-01



BORING LOCATION PLAN



LEGEND

- 1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
- 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
- 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
- 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
- 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
- 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)

- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- Q SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

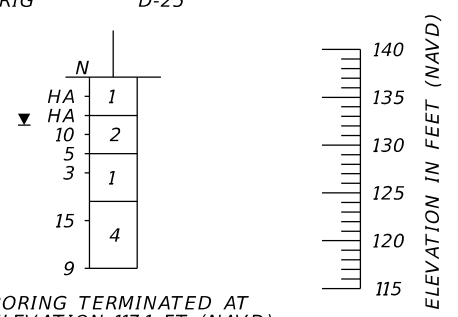
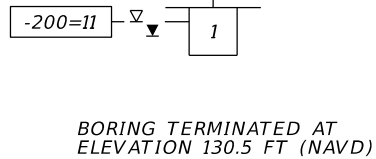
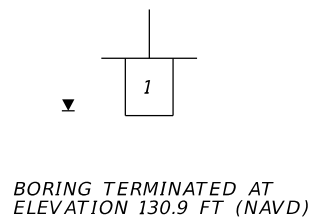
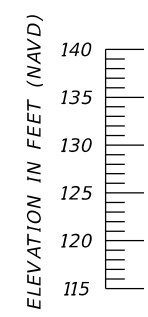
NOTES:

- 1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
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BOR # AB-10 (2)
 STA. 3363+68
 REF. Q CONST. SR 33
 OFF. 71' RT.
 ELEV. 136.9
 DATE 12/19/2013

BOR # PB-365R (1)
 STA. 3365+23
 REF. Q CONST. SR 33
 OFF. 48' RT.
 ELEV. 135.5
 DATE 7/17/2015

BOR # PB-368R (2)
 STA. 3368+27
 REF. Q CONST. SR 33
 OFF. 63' RT.
 ELEV. 137.1
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC RIG D-25



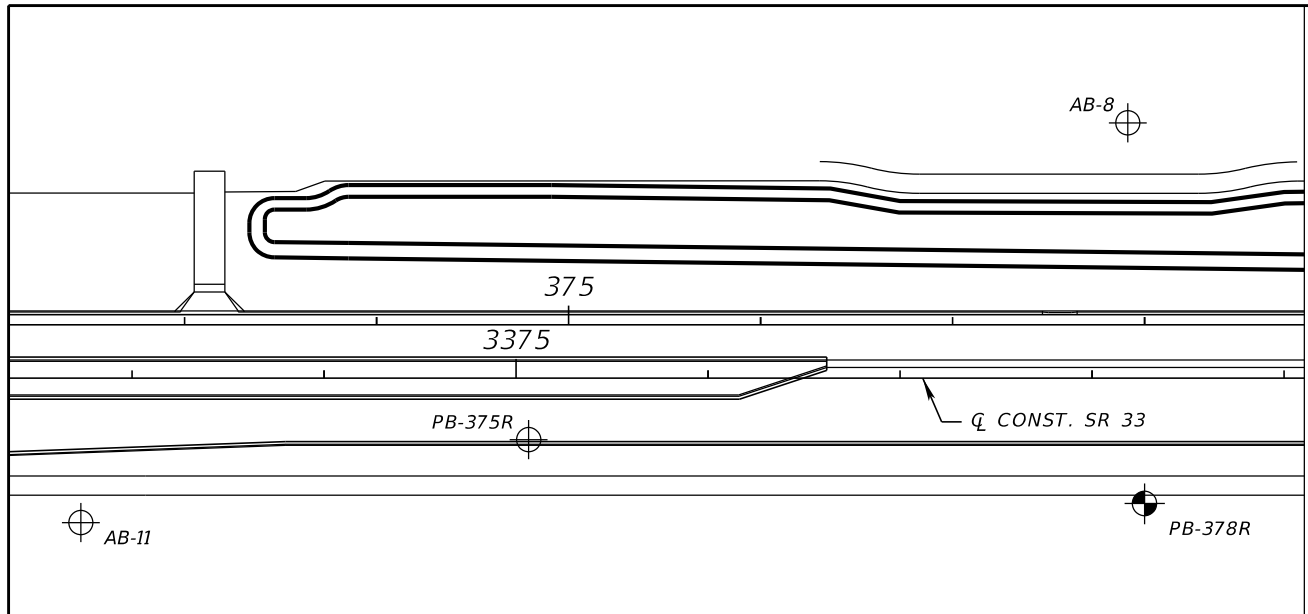
BORING TERMINATED AT ELEVATION 117.1 FT (NAVD)
 LATITUDE: N 28.11960
 LONGITUDE: W 81.90733

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

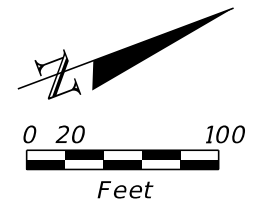
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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (10)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 33	POLK	430185-4-52-01		123



BORING LOCATION PLAN



LEGEND

1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)

A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.

N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

HA HAND AUGERED TO VERIFY UTILITY CLEARANCE

-200 PERCENT PASSING #200 SIEVE

NMC NATURAL MOISTURE CONTENT (%)

LL LIQUID LIMIT (%)

PI PLASTICITY INDEX (%)

OC ORGANIC CONTENT (%)

NAVD NORTH AMERICAN VERTICAL DATUM OF 1988

▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS

▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE

GNE GROUNDWATER NOT ENCOUNTERED

GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.

CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN

CL SR 33 CENTERLINE CONSTRUCTION OF SR 33

⊕ APPROXIMATE SPT BORING LOCATION

⊕ APPROXIMATE AUGER BORING LOCATION

⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

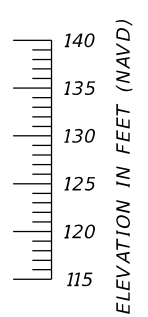
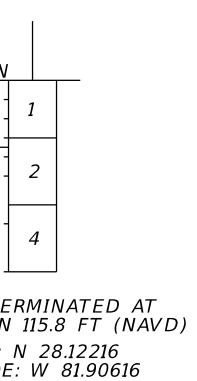
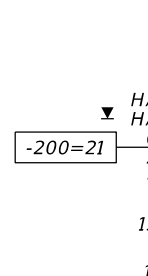
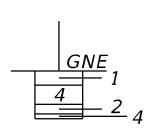
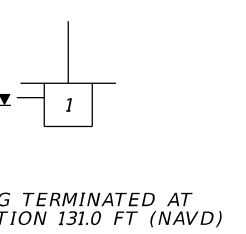
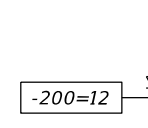
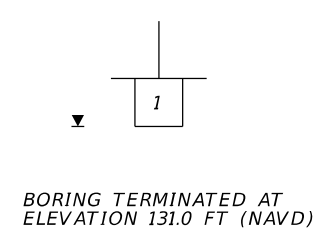
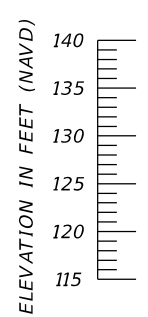
1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # AB-11 (2)
 STA. 3372+73
 REF. CL CONST. SR 33
 OFF. 75' RT.
 ELEV. 136.0
 DATE 12/19/2013

BOR # PB-375R (1)
 STA. 3375+07
 REF. CL CONST. SR 33
 OFF. 32' RT.
 ELEV. 135.5
 DATE 7/17/2015

BOR # AB-8 (2)
 STA. 3378+19
 REF. CL CONST. SR 33
 OFF. 133' LT.
 ELEV. 136.8
 DATE 12/19/2013

BOR # PB-378R (2)
 STA. 3378+27
 REF. CL CONST. SR 33
 OFF. 65' RT.
 ELEV. 135.8
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 D-25

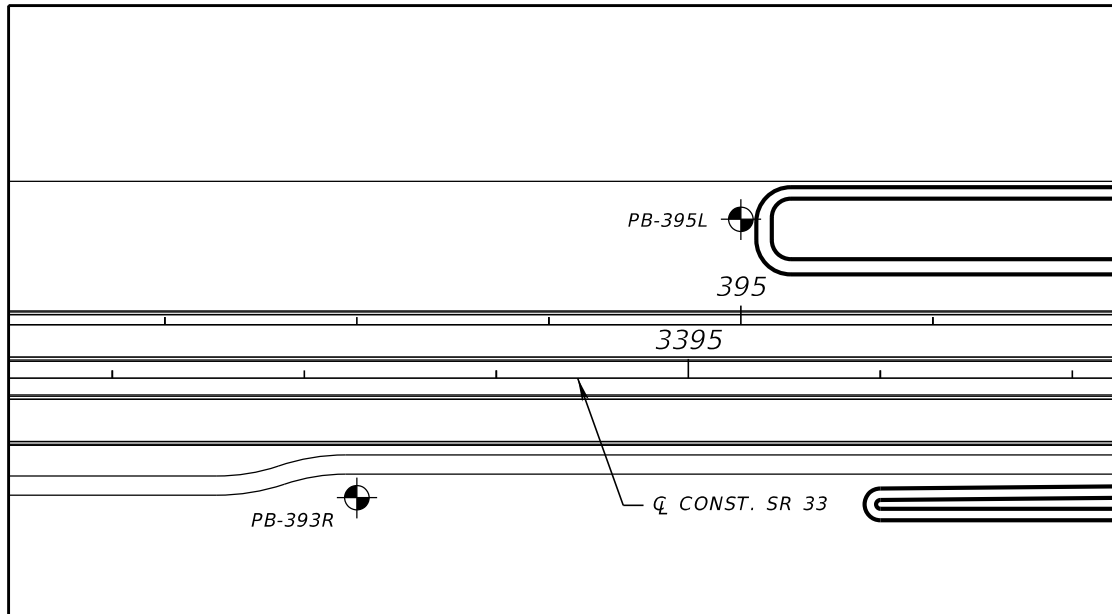
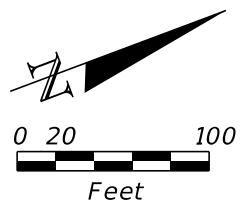


	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 33	POLK	430185-4-52-01		124



BORING LOCATION PLAN

LEGEND

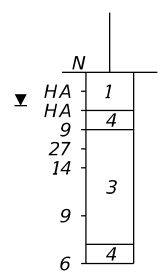
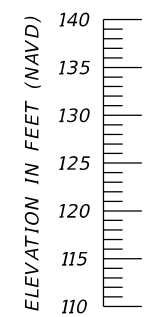
1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

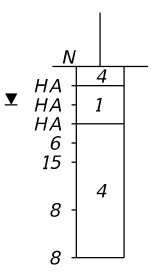
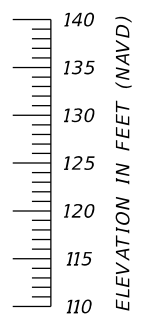
1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
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BOR # PB-393R (2)
 STA. 3393+27
 REF. CL CONST. SR 33
 OFF 62' RT.
 ELEV. 134.5
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

BOR # PB-395L (2)
 STA. 3395+27
 REF. CL CONST. SR 33
 OFF 83' LT.
 ELEV. 135.1
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25



BORING TERMINATED AT ELEVATION 114.5 FT (NAVD)
 LATITUDE: N 28.12605
 LONGITUDE: W 81.90449



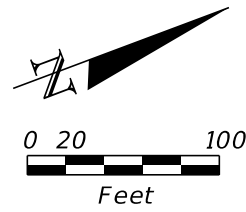
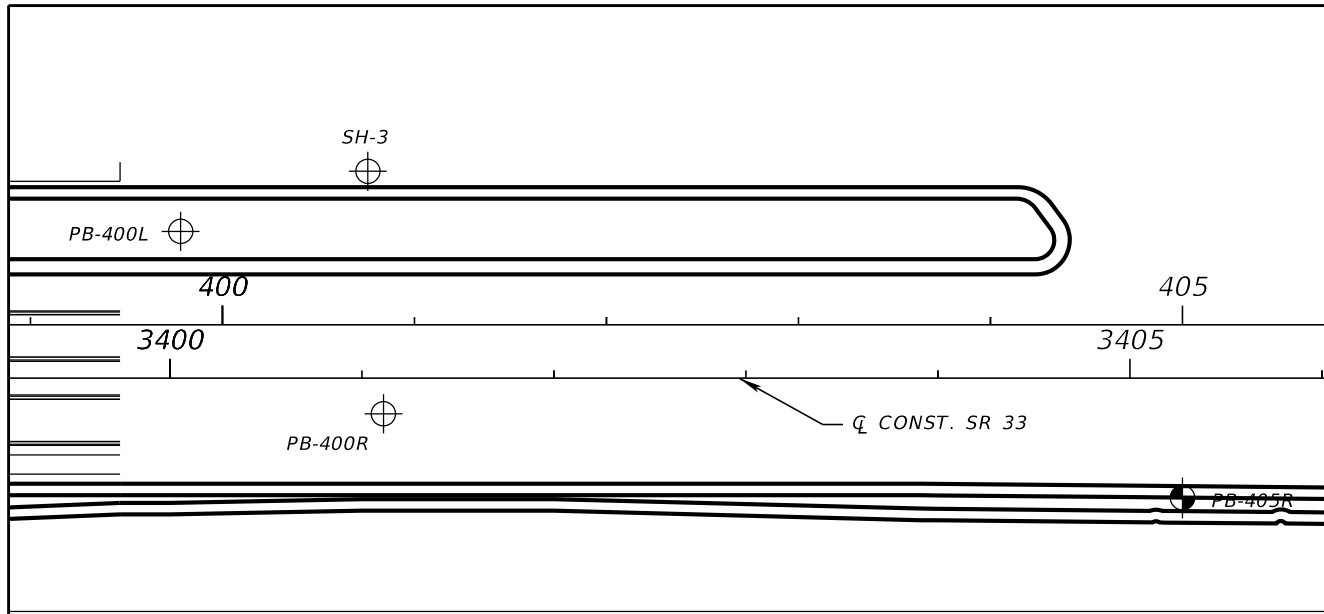
BORING TERMINATED AT ELEVATION 115.1 FT (NAVD)
 LATITUDE: N 28.12669
 LONGITUDE: W 81.90473

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK		430185-4-52-01



LEGEND

1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊙ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊗ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NAVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

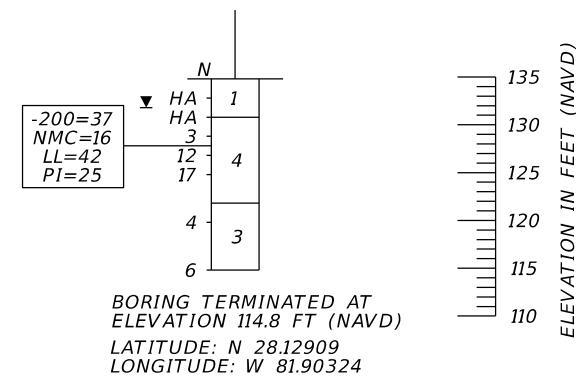
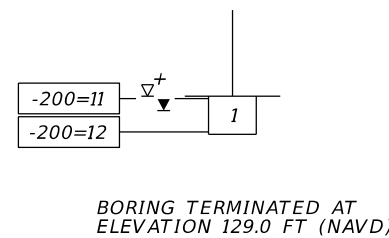
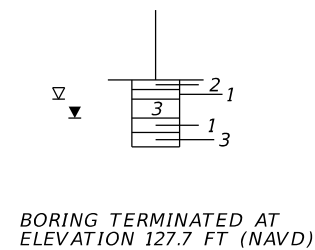
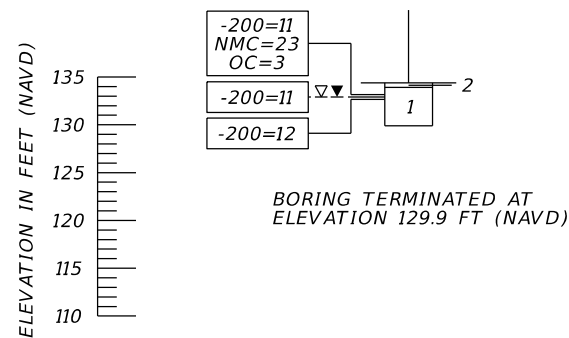
BORING LOCATION PLAN

BOR # PB-400L (1)
 STA. 3400+06
 REF. CL CONST. SR 33
 OFF 76' LT.
 ELEV. 134.4
 DATE 9/17/2015

BOR # SH-3 (2)
 STA. 3401+03
 REF. CL CONST. SR 33
 OFF 108' LT.
 ELEV. 134.7
 DATE 11/19/2012

BOR # PB-400R (1)
 STA. 3401+11
 REF. CL CONST. SR 33
 OFF 19' RT.
 ELEV. 133.0
 DATE 9/17/2015

BOR # PB-405R (2)
 STA. 3405+27
 REF. CL CONST. SR 33
 OFF 62' RT.
 ELEV. 134.8
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

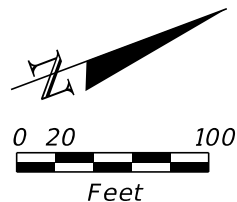
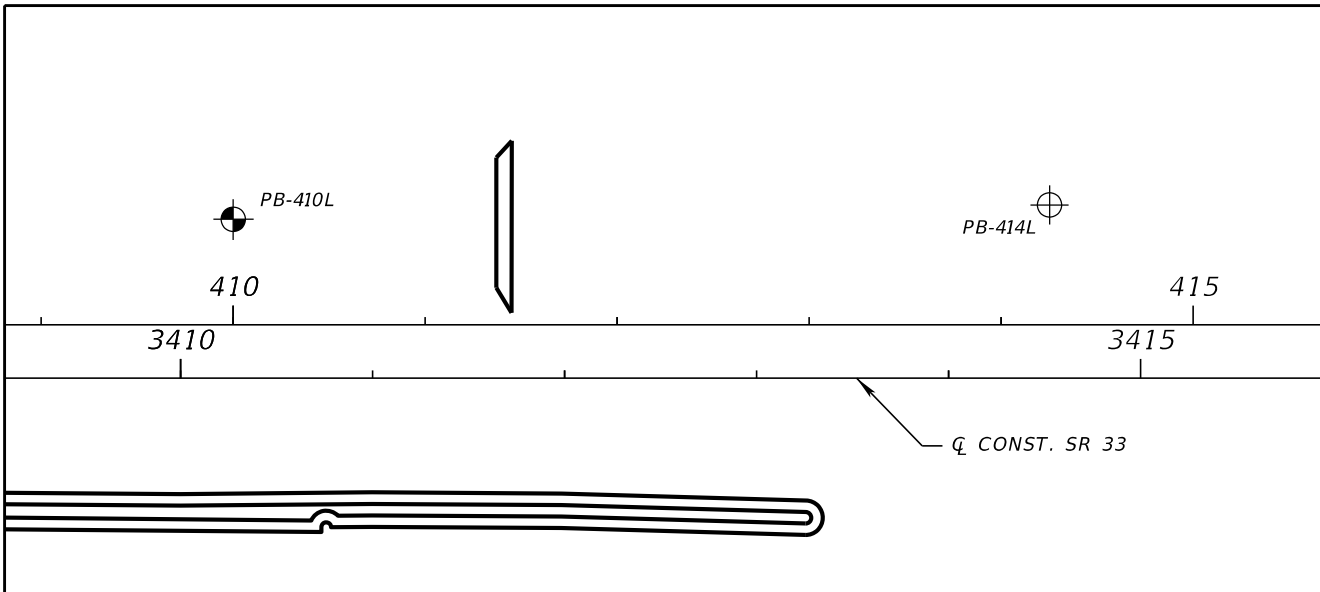


	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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

REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (14)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK		430185-4-52-01



LEGEND

1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
 4. GRAY TO BROWN CLAYEY SAND TO SANDY CLAY (A-4/A-6/A-7-5/A-7-6)
 5. GRAY TO BROWN CLAYEY SAND TO CLAY (A-7-5)
 6. DARK GRAY SILTY SAND WITH ORGANICS TO MUCK (A-8)
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊙ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

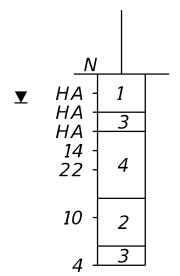
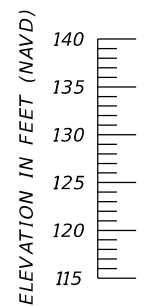
BORING LOCATION PLAN

NOTES:

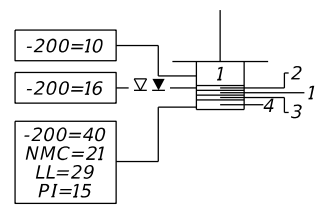
1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
2. THE LOCATIONS OF THE BORINGS DENOTED WITH A (1) WERE PROVIDED BY THE PROJECT SURVEYOR, MCKIM AND CREED. THE LOCATIONS OF THE BORINGS DENOTED WITH A (2) WERE RECORDED IN THE FIELD BY TIERRA, INC. USING GARMIN ETREX HANDHELD GPS UNITS WITH AN ACCURACY OF 10 FEET AND LATER CONVERTED TO STATION, OFFSET AND ELEVATION USING PROJECT MICROSTATION DESIGN FILES.

BOR # PB-410L (2)
 STA. 3410+27
 REF. CL CONST. SR 33
 OFF. 83' LT.
 ELEV. 135.3
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

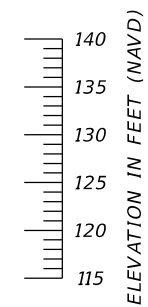
BOR # PB-414L (1)
 STA. 3414+53
 REF. CL CONST. SR 33
 OFF. 90' LT.
 ELEV. 136.6
 DATE 9/17/2015



BORING TERMINATED AT ELEVATION 115.3 FT (NAVD)
 LATITUDE: N 28.13044
 LONGITUDE: W 81.90304



BORING TERMINATED AT ELEVATION 131.6 FT (NAVD)

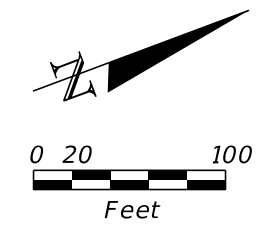
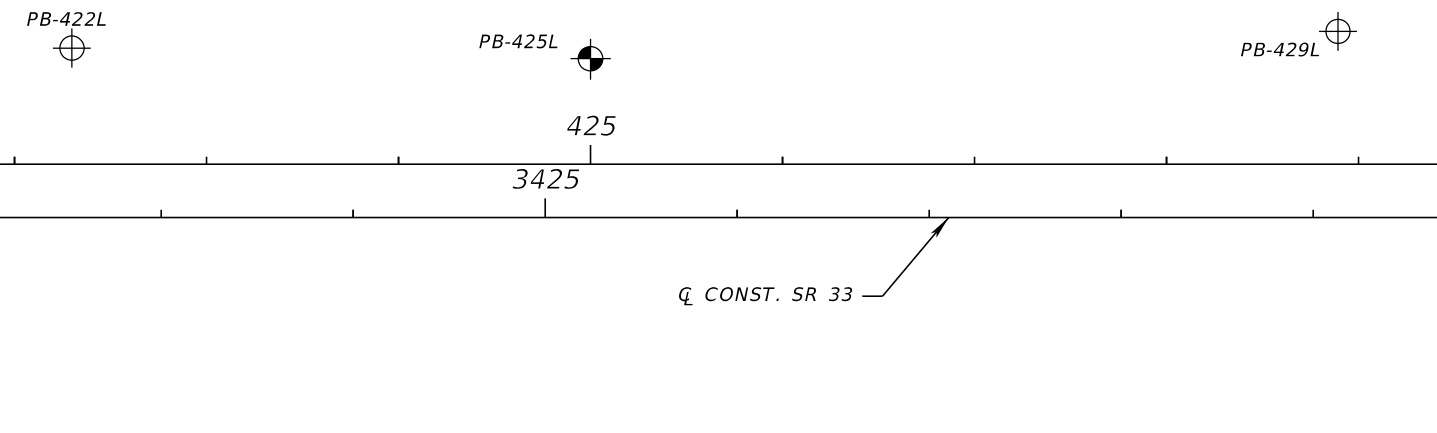


	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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

REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (15)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK		430185-4-52-01



BORING LOCATION PLAN

LEGEND

1. GRAY TO BROWN FINE SAND TO SAND WITH SILT (A-3/A-2-4)
 2. GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND (A-2-4)
 3. GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS (A-2-4/A-2-6)
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- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
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- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NAVD NORTH AMERICAN VERTICAL DATUM OF 1988
- ▽ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- ▽+ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED
- GNA GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID.
- CAVE-IN BORING TERMINATED DUE TO GROUNDWATER INTRUSION RESULTING IN BOREHOLE CAVE-IN
- CL SR 33 CENTERLINE CONSTRUCTION OF SR 33
- ⊕ APPROXIMATE SPT BORING LOCATION
- ⊕ APPROXIMATE AUGER BORING LOCATION
- ⊙ APPROXIMATE FIELD PERMEABILITY TEST LOCATION

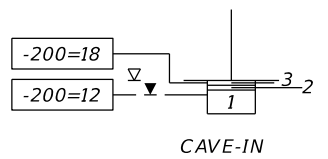
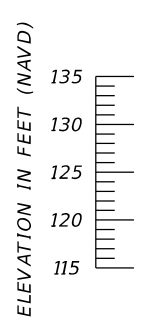
NOTES:

1. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAPS PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER AT THE PROJECT SITE RANGES FROM +110 TO +120 FEET, NGVD.
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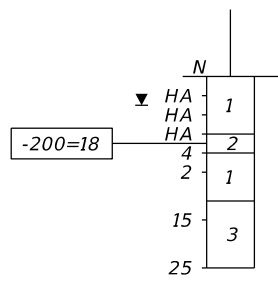
BOR # PB-422L (1)
 STA. 3422+53
 REF. CL CONST. SR 33
 OFF 88' LT.
 ELEV. 134.6
 DATE 7/17/2015

BOR # PB-425L (2)
 STA. 3425+24
 REF. CL CONST. SR 33
 OFF 83' LT.
 ELEV. 135.0
 DATE 7/22/2015
 DRILLER J. ERICKSON
 HAMMER AUTOMATIC
 RIG D-25

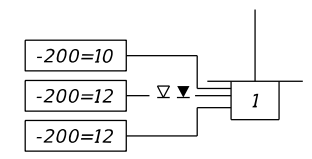
BOR # PB-429L (1)
 STA. 3429+13
 REF. CL CONST. SR 33
 OFF 97' LT.
 ELEV. 134.5
 DATE 9/17/2015



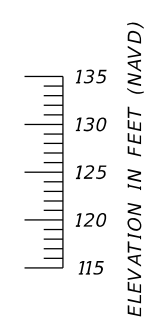
BORING TERMINATED AT ELEVATION 130.1 FT (NAVD)



BORING TERMINATED AT ELEVATION 115.0 FT (NAVD)
 LATITUDE: N 28.13438
 LONGITUDE: W 81.90140



BORING TERMINATED AT ELEVATION 130.5 FT (NAVD)

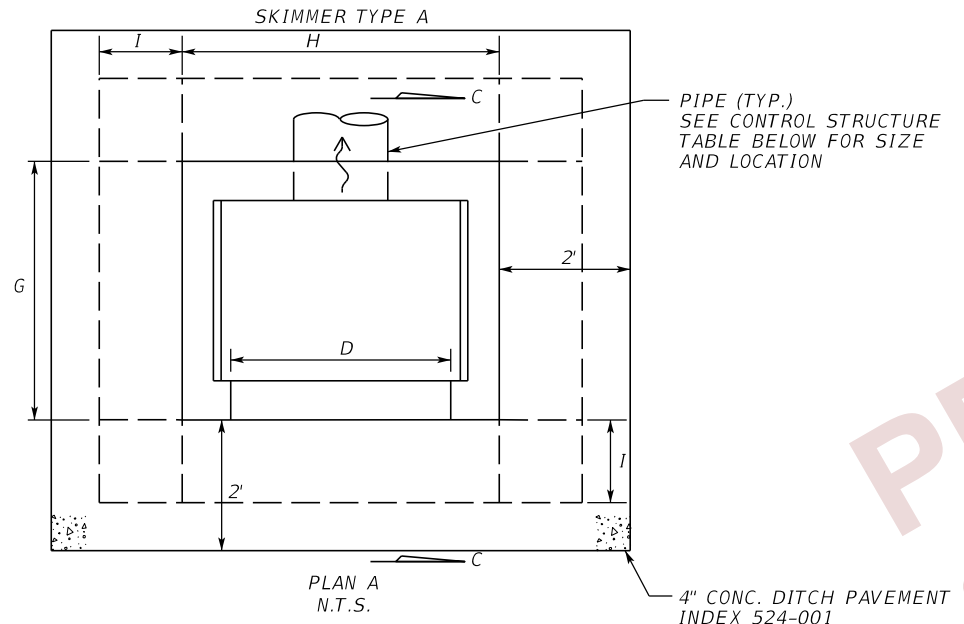
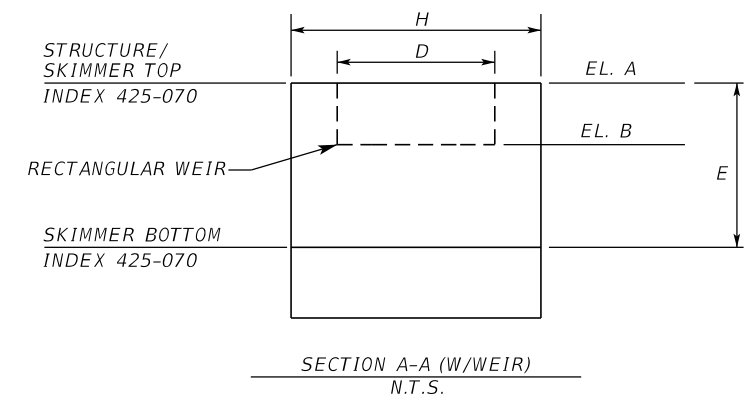
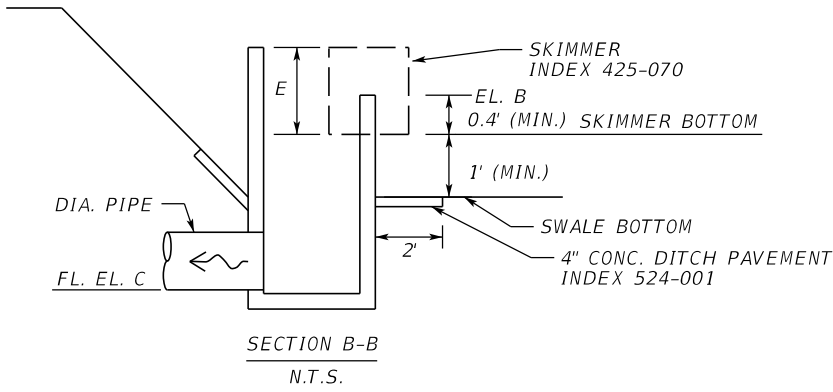
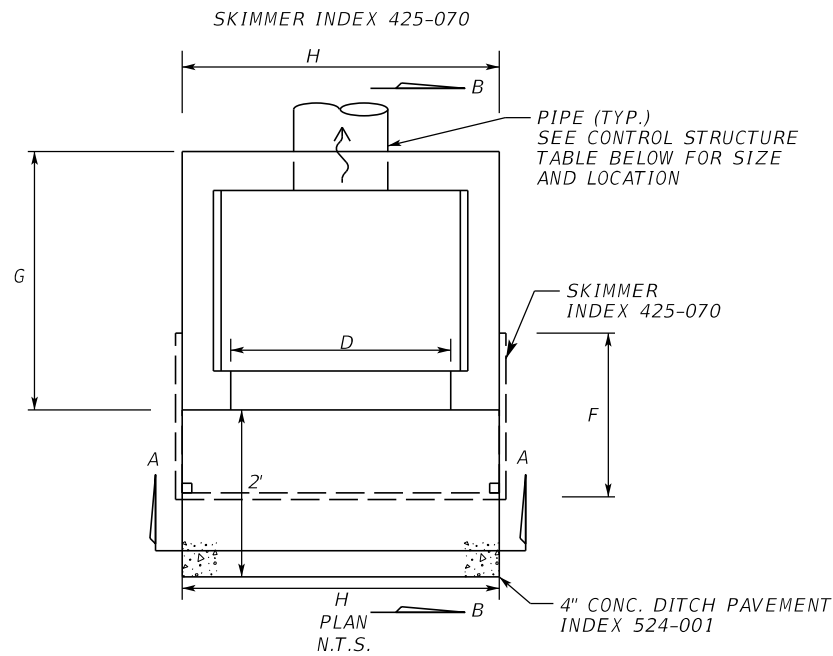


	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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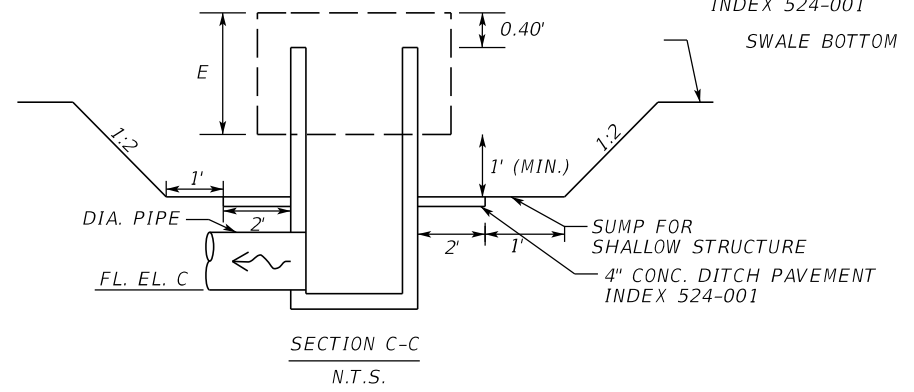
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND SOIL SURVEY (16)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 33	POLK	430185-4-52-01		129



CONTROL STRUCTURE: INLET TYPE D (MODIFY)

CONTROL STRUCTURE	POND SWALE	ELEVATION			DIMENSION							NOTE
		A	B	C	D	DIA.	E	F	G	H	I	
S-102	C3	141.50	140.50	139.20	0.40'	18"	18"	28"	3'-1"	4'-1"	---	
S-104	C4	142.25	141.20	140.20	0.40'	18"	18"	28"	3'-1"	4'-1"	---	
S-105	E	141.50	---	139.25	---	19"x30"	12"	---	3'-1"	4'-1"	1'-4"	SEE SKIMMER TYPE A
S-301	3A	142.00	141.20	140.00	0.50'	14"x23"	14"	28"	3'-1"	4'-1"	---	
S-303	3B	141.20	140.30	139.30	0.50'	14"x23"	16"	28"	3'-1"	4'-1"	---	
S-306	3C	141.10	140.60	139.70	0.50'	14"x23"	12"	28"	3'-1"	4'-1"	---	
S-308	3D	143.60	---	140.25	---	18"	12"	---	3'-1"	4'-1"	1'-4"	SEE SKIMMER TYPE A
S-401	4A	140.50	139.20	138.26	0.50'	14"x23"	20"	31"	3'-1"	4'-1"	---	
S-408	4C	135.40	---	132.70	---	18"	12"	---	3'-1"	4'-1"	1'-4"	SEE SKIMMER TYPE A
S-416	4D	136.80	136.40	134.03	0.20'	18"	12"	28"	3'-1"	4'-1"	---	
S-511	5A	136.90	---	134.00	---	19"x30"	12"	---	3'-1"	4'-1"	1'-4"	SEE SKIMMER TYPE A
S-528	5B	136.70	135.30	134.70	2.00'	14"x23"	22"	31"	3'-1"	4'-1"	---	
S-546	5C	135.50	---	133.40	---	14"x23"	12"	28"	3'-1"	4'-1"	1'-4"	SEE SKIMMER TYPE A
S-552	5D	135.80	134.50	132.80	0.20'	14"x23"	20"	31"	3'-1"	4'-1"	---	
S-553	5E	137.30	136.25	132.50	1.00'	18"	18"	28"	3'-1"	4'-1"	---	

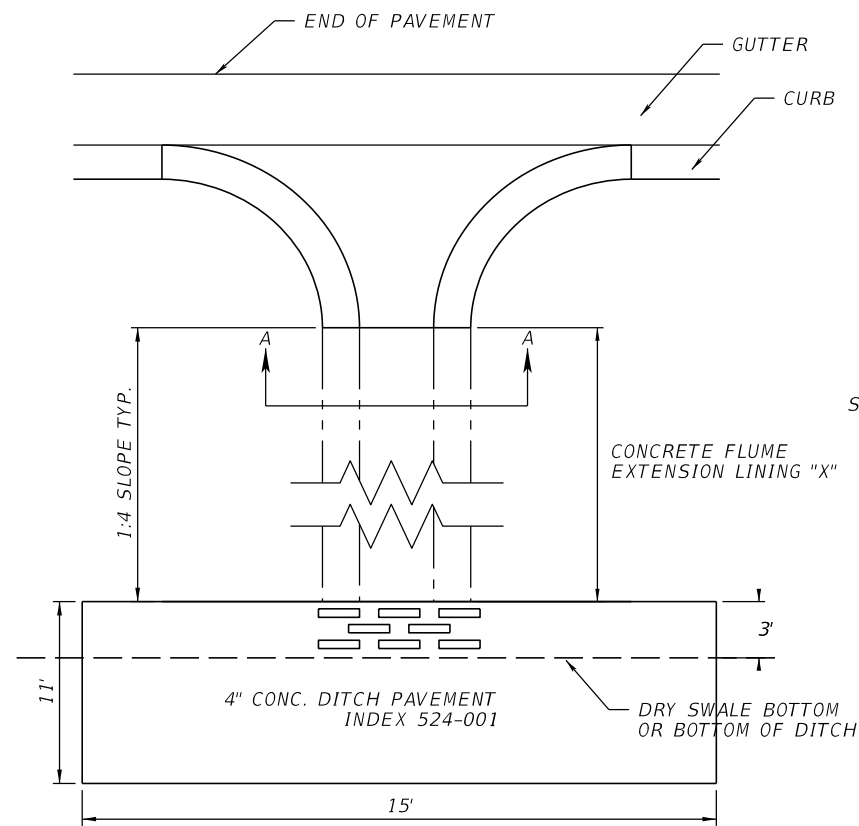


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE DETAILS (01)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		130

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

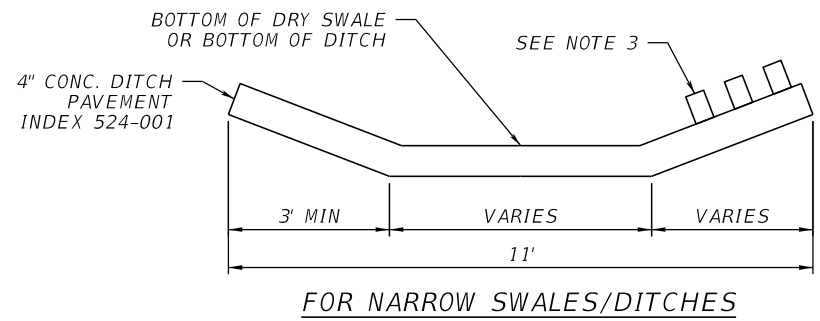
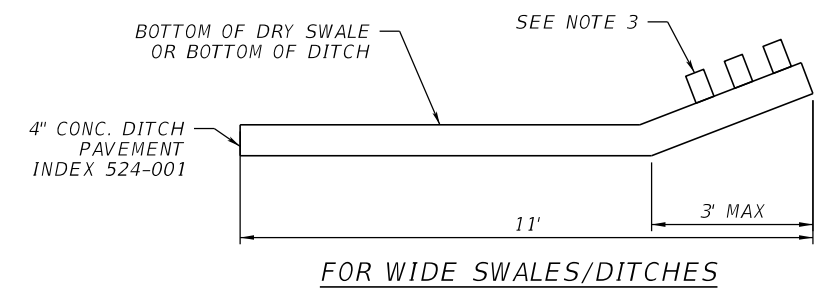
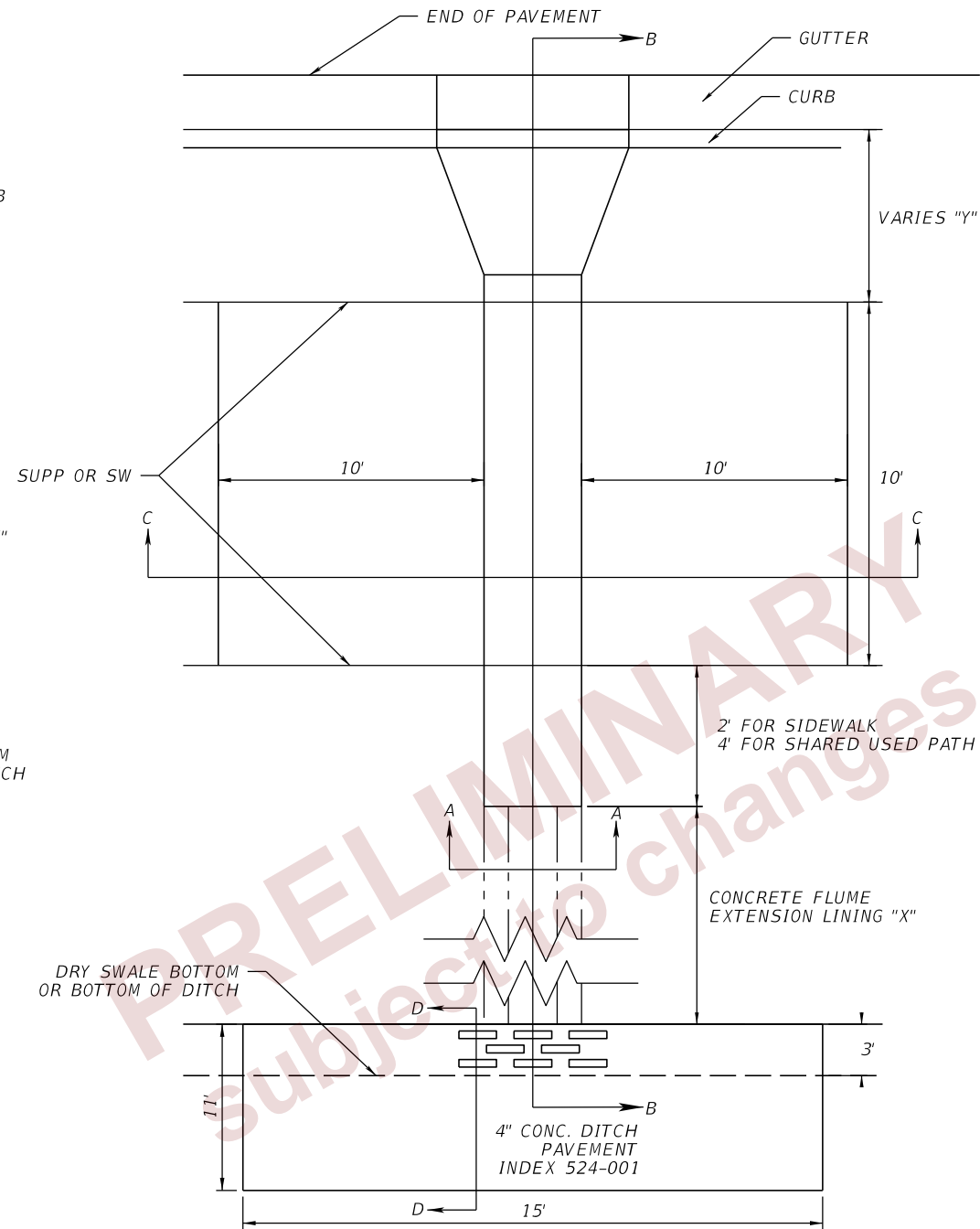
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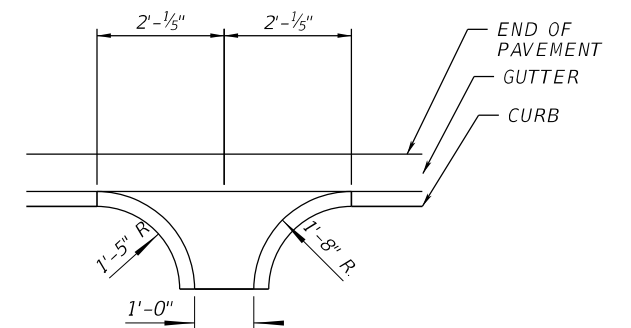
SECTION A-A

OPEN FLUME DETAIL
(SEE INDEX 520-010 FOR DIMENSIONS)

- NOTES:
- SEE DRAINAGE STRUCTURE DATA TABLE REMARKS FOR "X" AND "Y" DIMENSIONS.
 - SEE DRAINAGE DETAIL (03) FOR SECTION C-C.
 - INSTALL ENERGY DISSIPATOR (SEE INDEX 425-061 SHEET 4 FOR DETAILS)



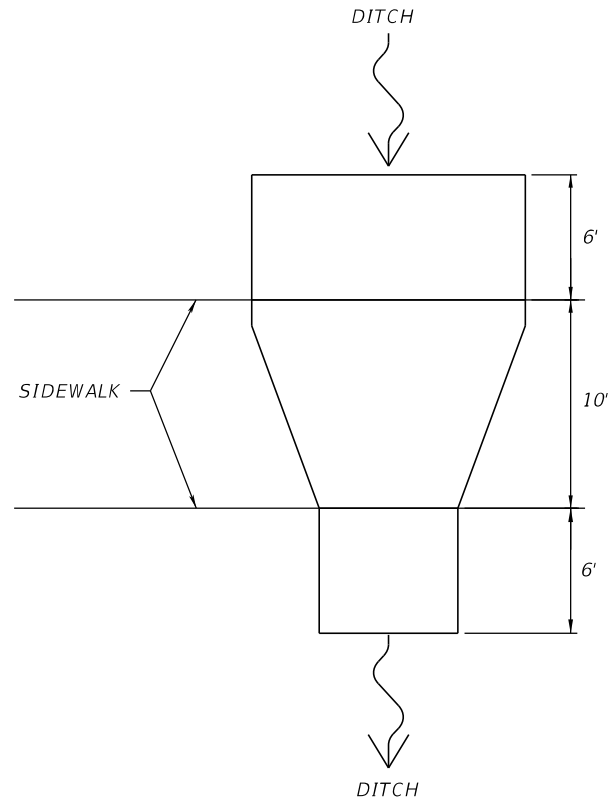
SECTION D-D



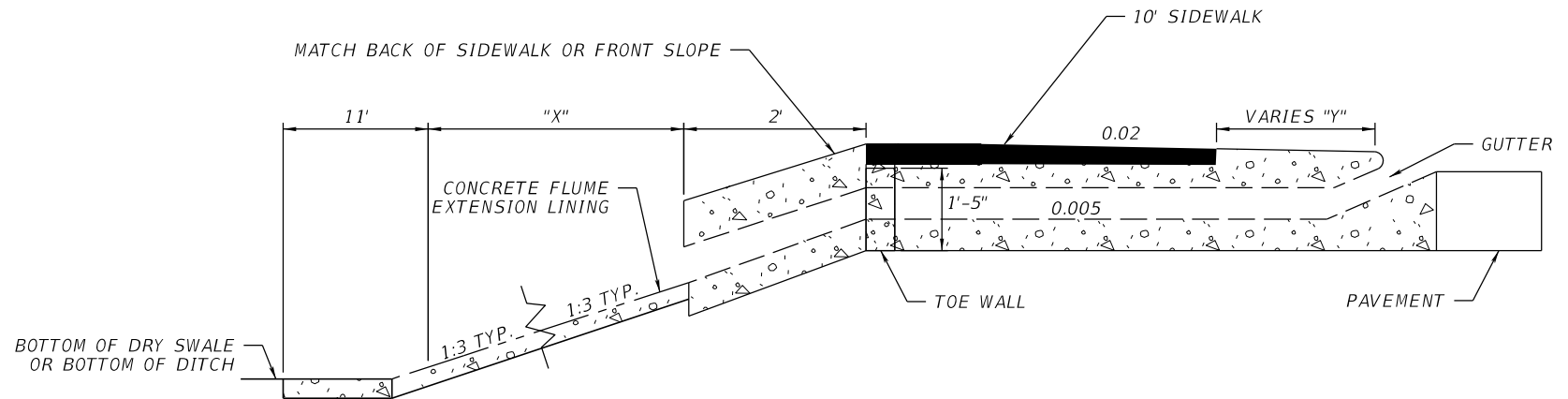
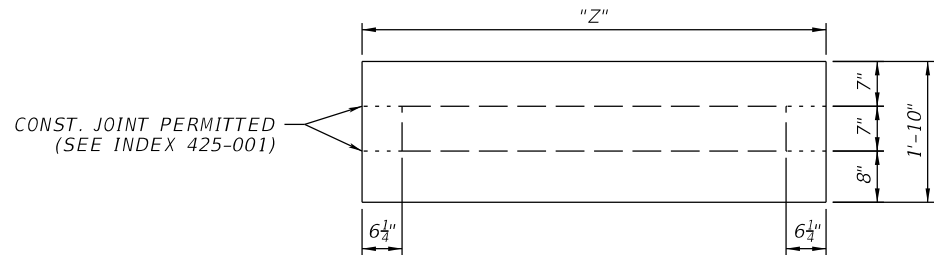
**SPECIAL OPEN FLUME DETAIL
FLUME 111A**

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	
DRAINAGE DETAILS (02)										

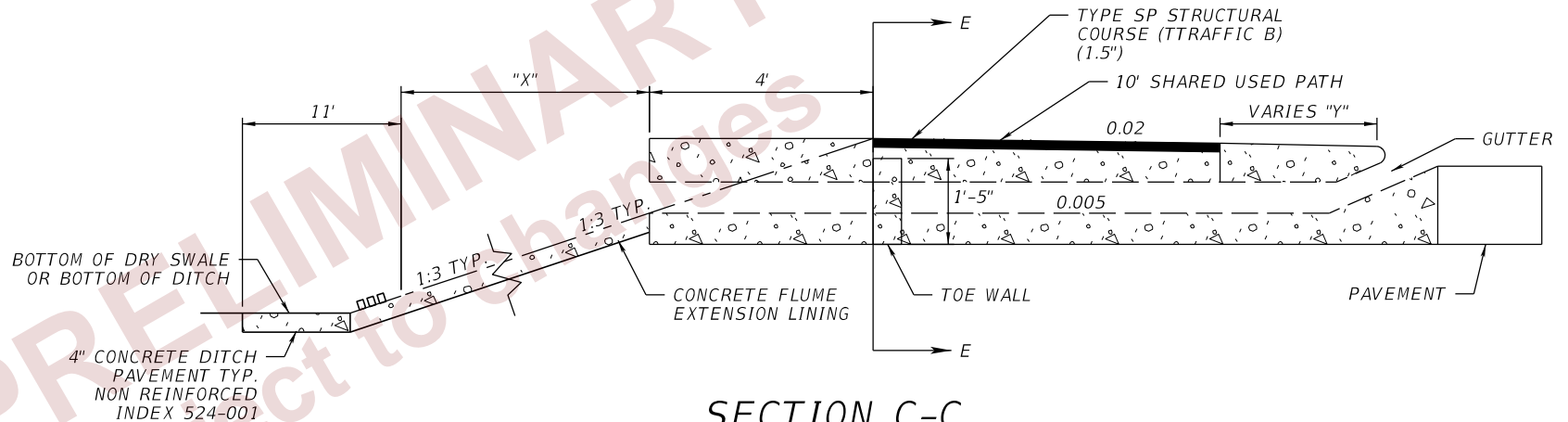
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



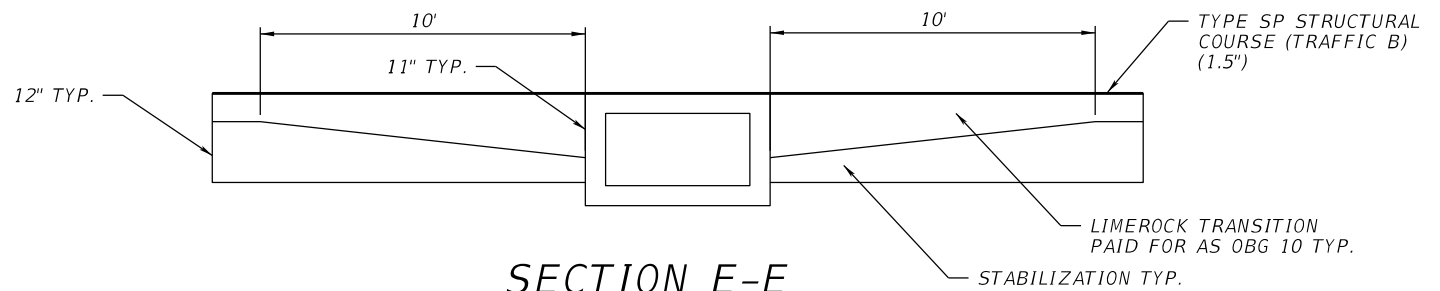
SECTION G-G
SINGLE CLOSED FLUME FROM DITCH



SECTION C-C
SINGLE CLOSED FLUME AND SIDEWALK
(SEE INDEX 425-061 FOR DIMENSIONS)



SECTION C-C
SINGLE CLOSED FLUME AND SHARED USED PATH
(SEE INDEX 425-061 FOR DIMENSIONS)



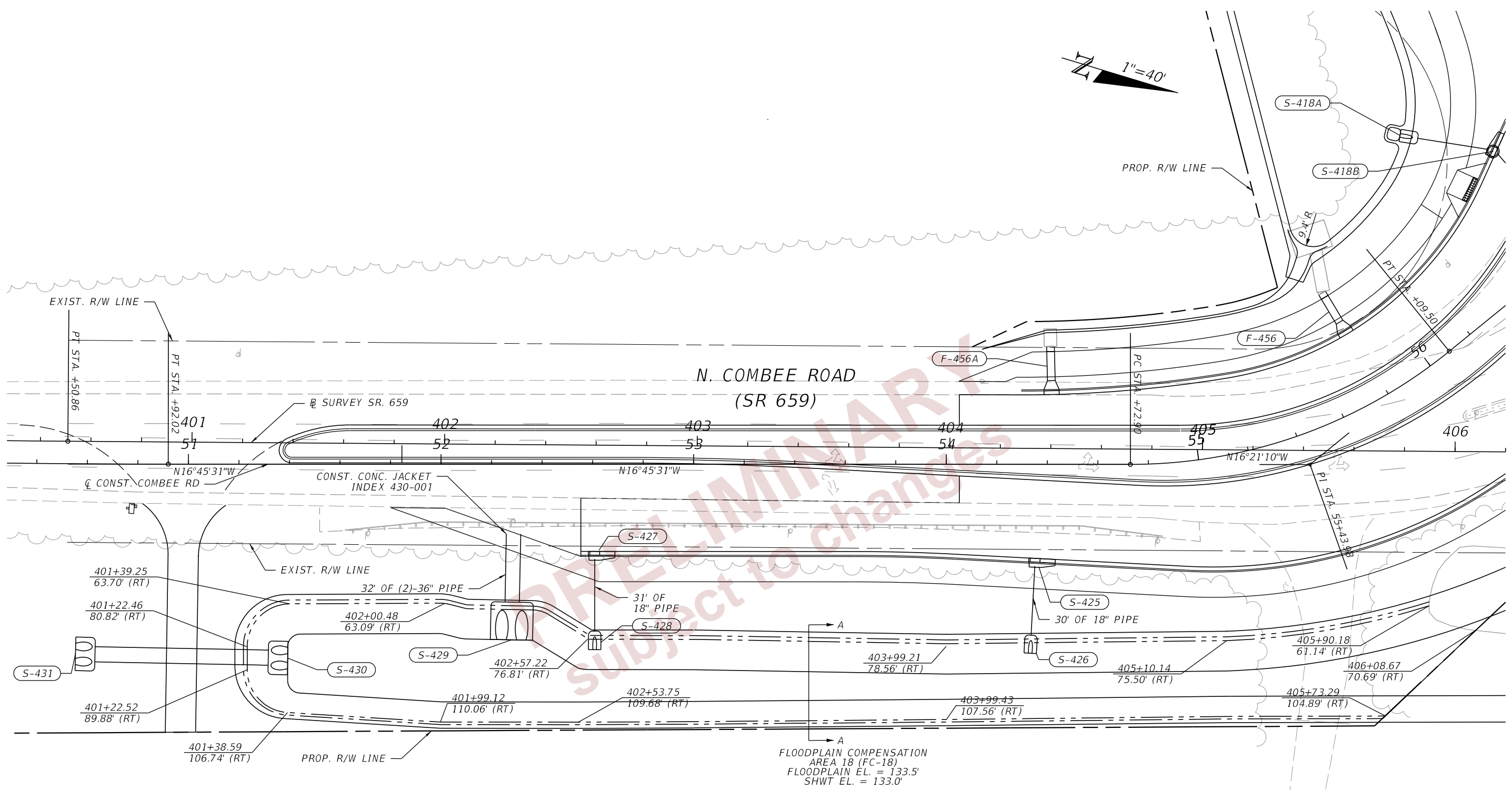
SECTION E-E
SINGLE CLOSED FLUME AND SHARED USED PATH
(SEE INDEX 425-061 FOR DIMENSIONS)

- NOTES:
1. SEE DRAINAGE STRUCTURE DATA TABLE REMARKS FOR "X", "Y", AND "Z" DIMENSIONS.
2. SEE INDEX 425-061 FOR REINFORCING DETAILS. MAINTAIN 1 1/4" COVER FOR REINFORCING IN THE TOP SLAB.

2/29/2024 7:06:00 PM john.lin c:\pwworking\lochner-pw-01\dms18841\DRDR007.dgn

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 132
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	DRAINAGE DETAIL (03)			

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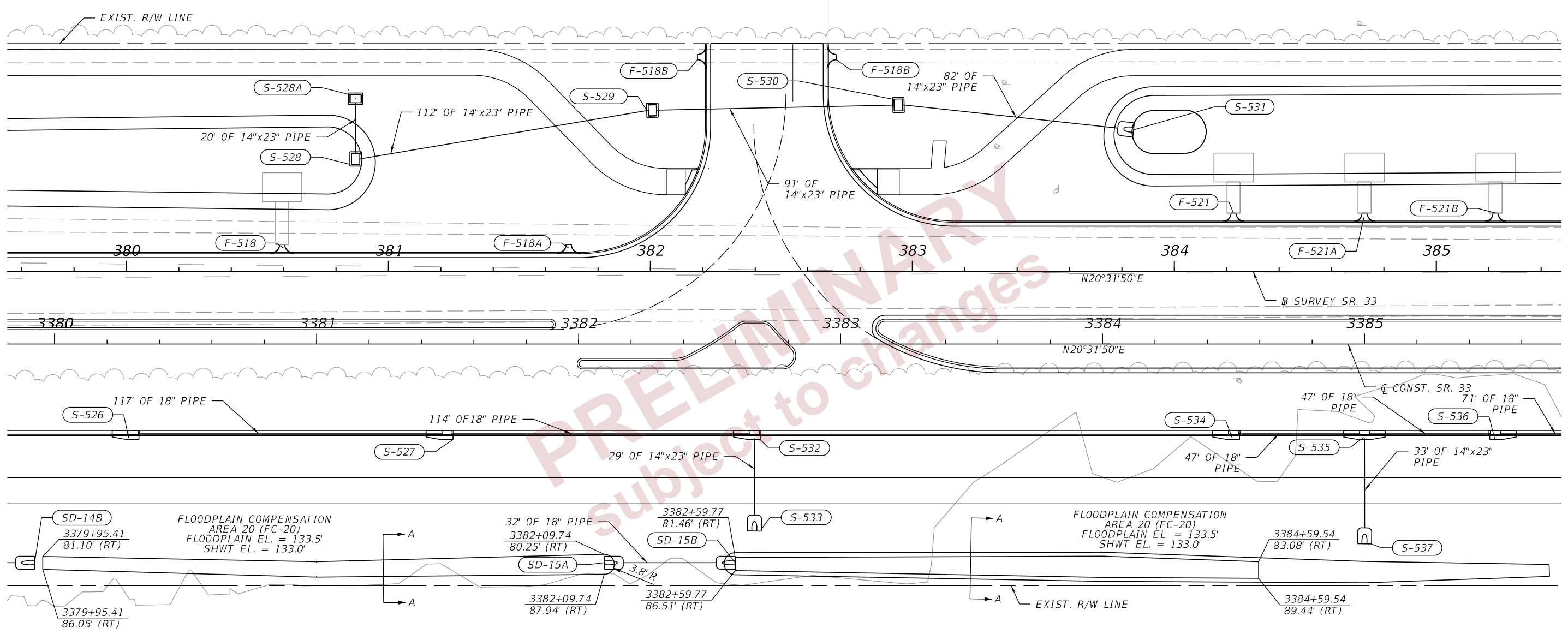
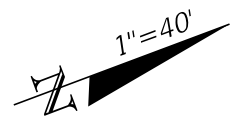
FLOODPLAIN COMPENSATION
 AREA 18 (FC-18)
 FLOODPLAIN EL. = 133.5'
 SHWT EL. = 133.0'

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**DRAINAGE DETAILS (05)
 COMPENSATION AREA 18**

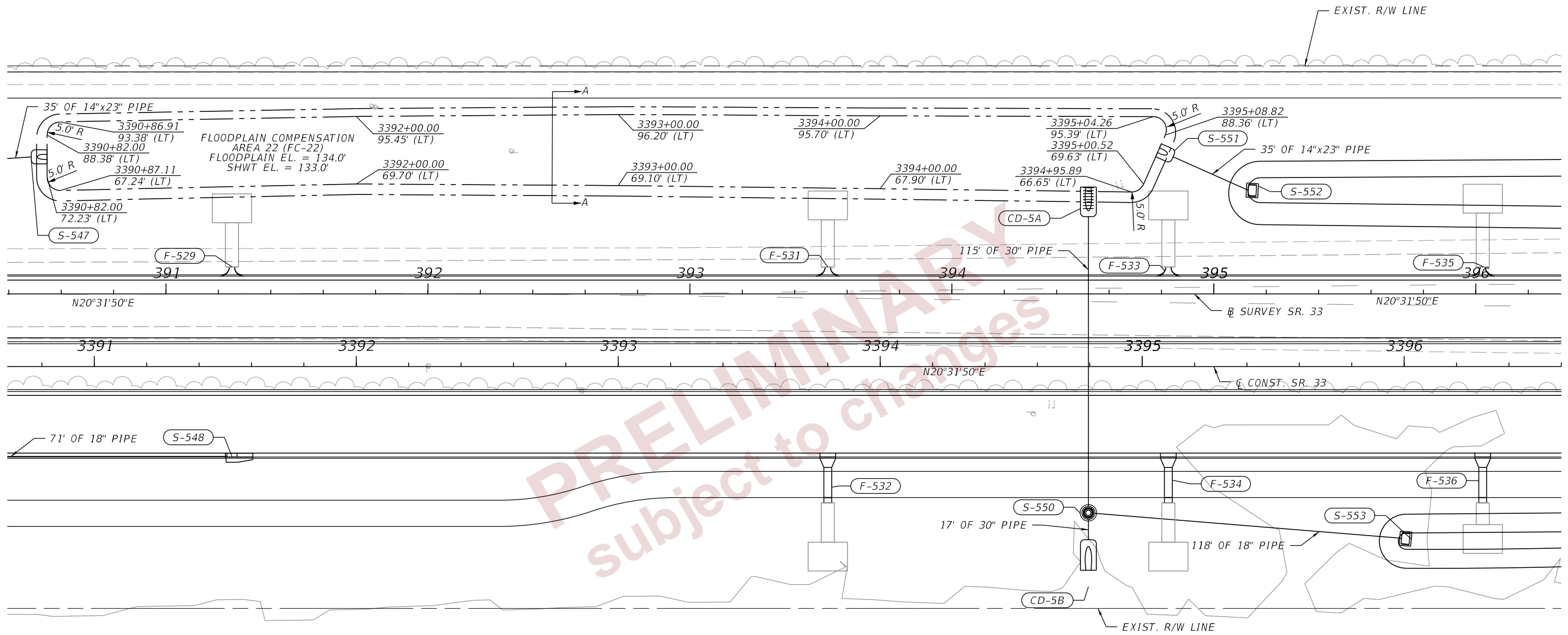
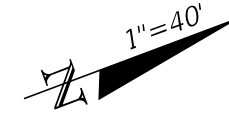
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



3/11/2024 9:50:01 AM ANDRES.FERNANDEZ
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE DETAILS (06) COMPENSATION AREA 20	SHEET NO. 135
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

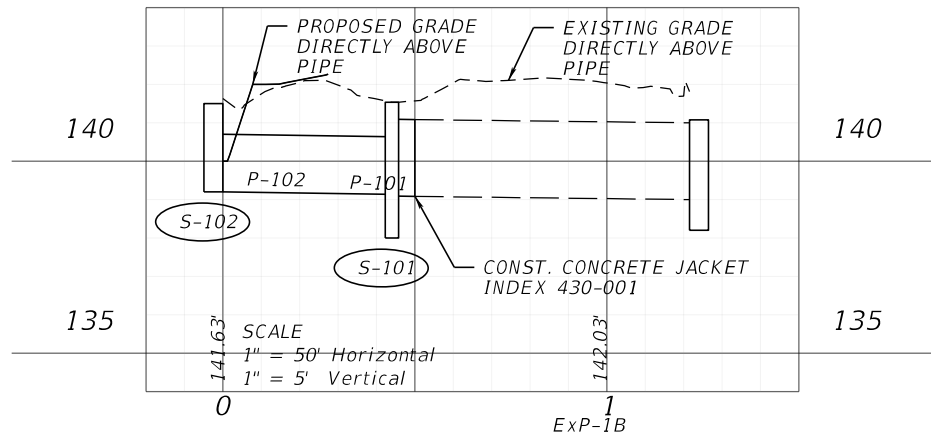


PRELIMINARY
 subject to changes

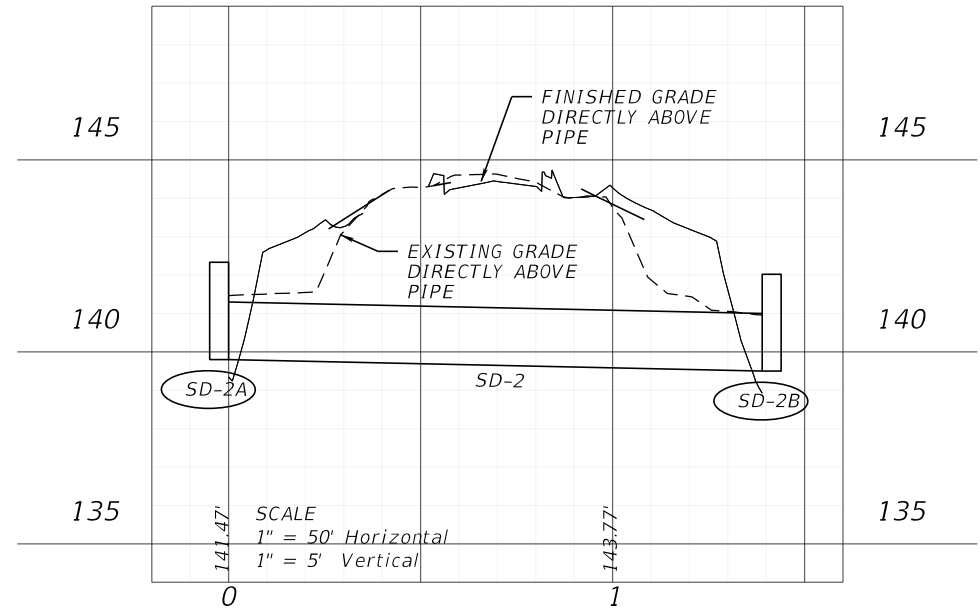
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE DETAILS (07) COMPENSATION AREA 22	SHEET NO. 136
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

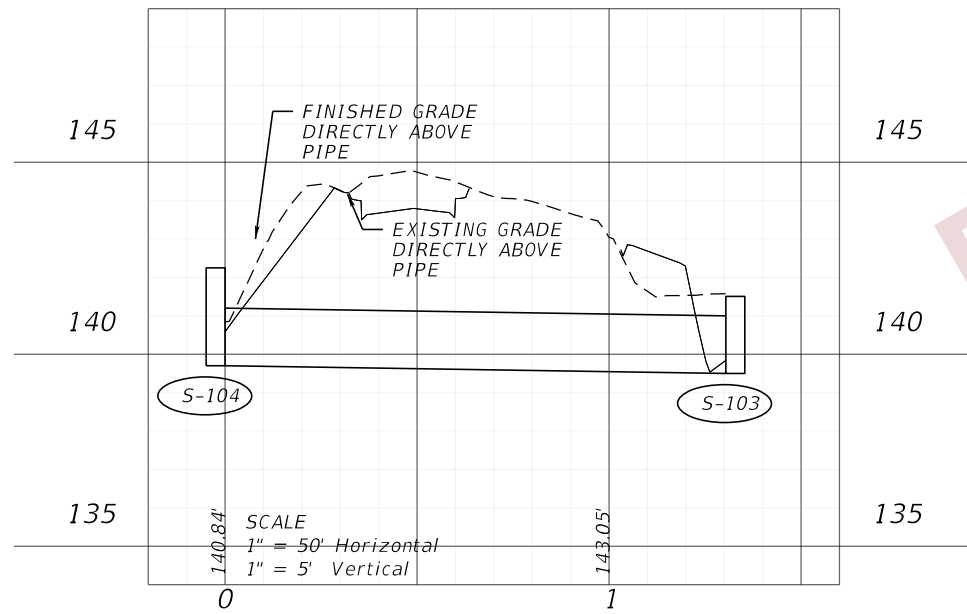
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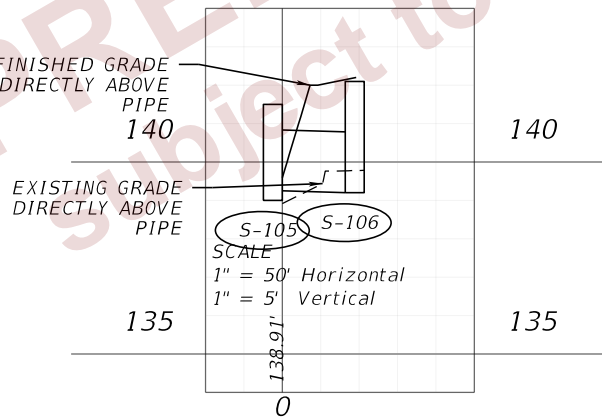
S-102 TO EX-1A



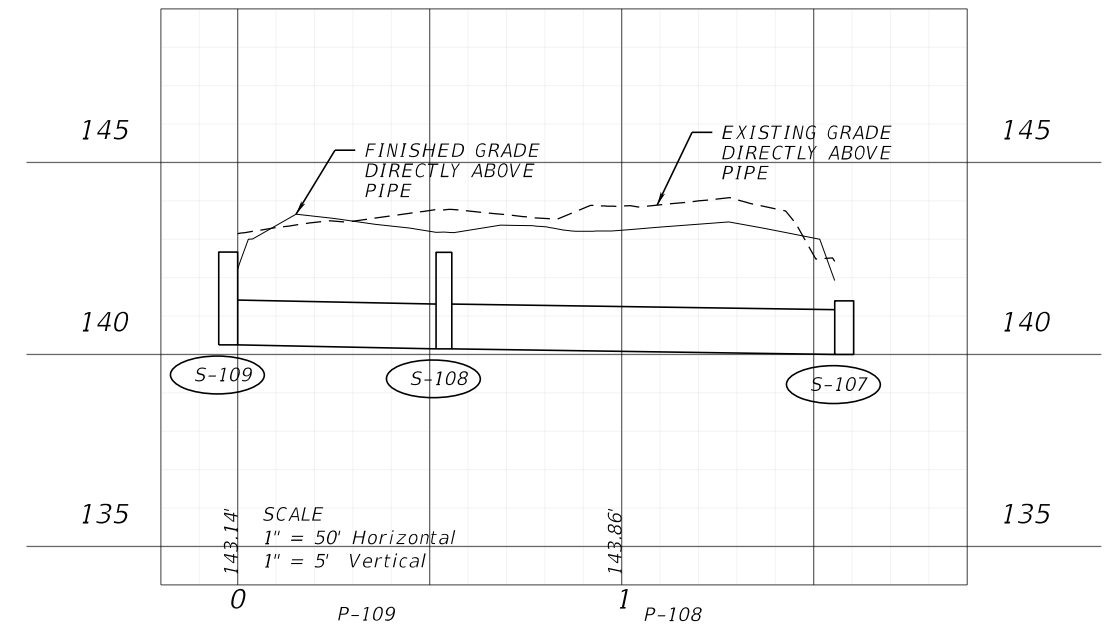
SD-2A TO SD-2B



S-104 TO S-103



S-105 TO S-106



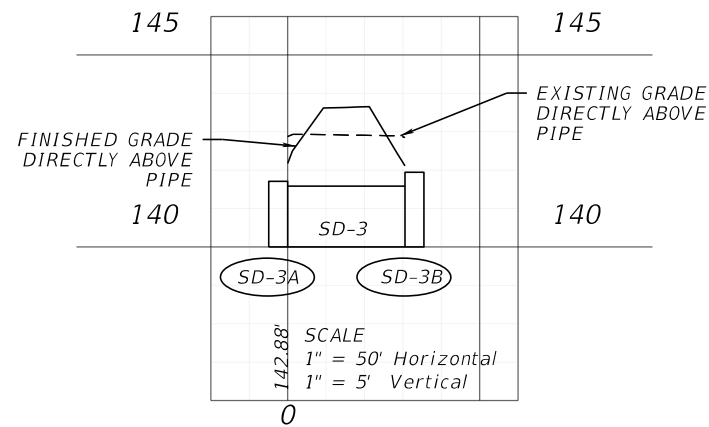
S-109 TO S-107

PRELIMINARY
 Subject to changes

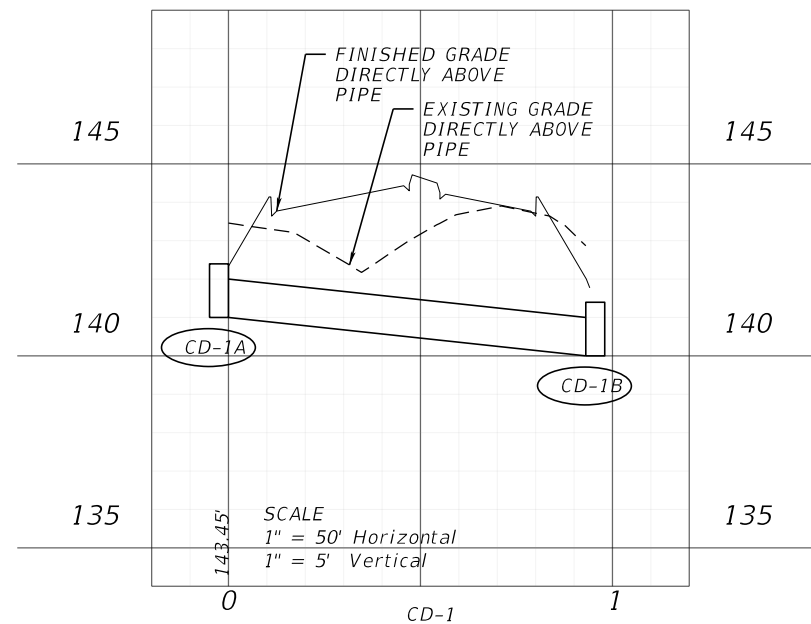
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	
							DRAINAGE PROFILES (01)			138



SD-3A TO SD-3B



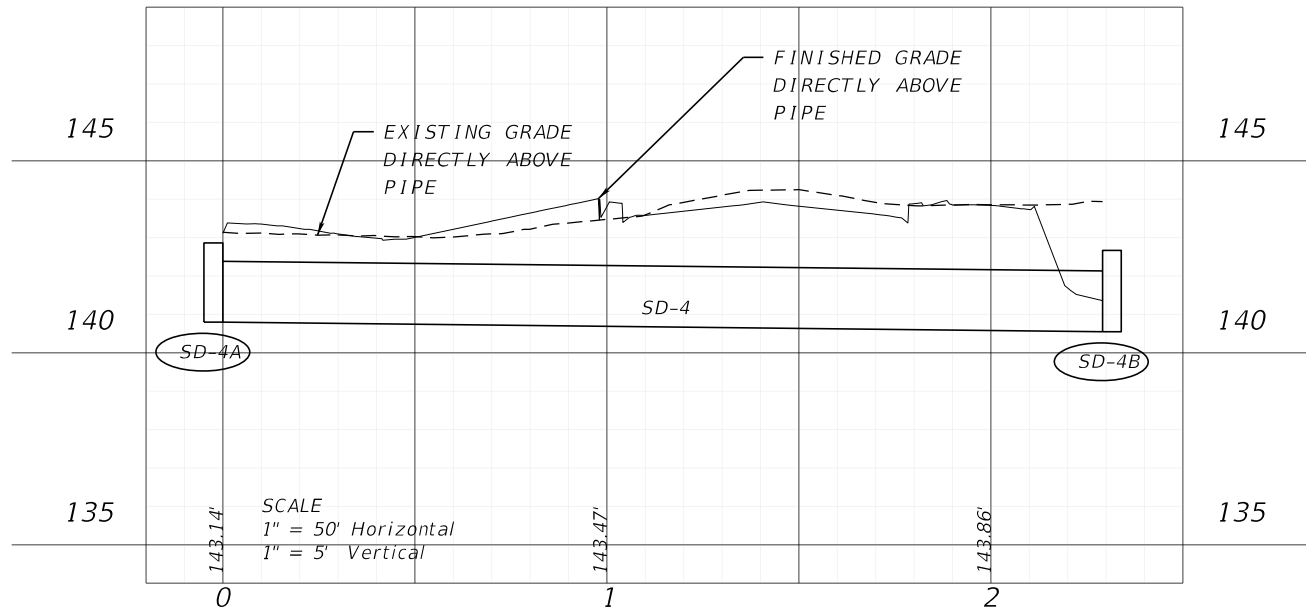
CD-1A TO CD-1B

PRELIMINARY
 subject to changes

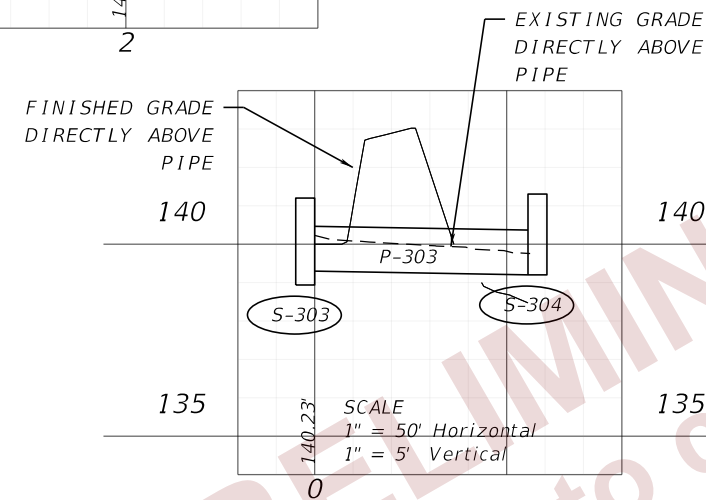
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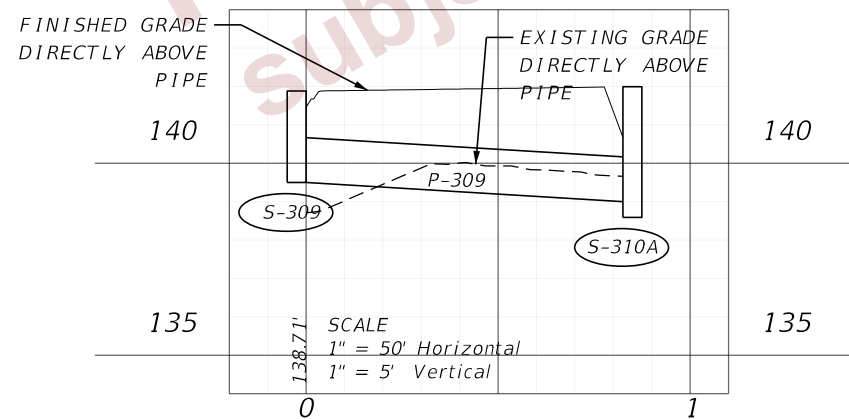
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DRAINAGE PROFILES (02) 139
								SR 33	



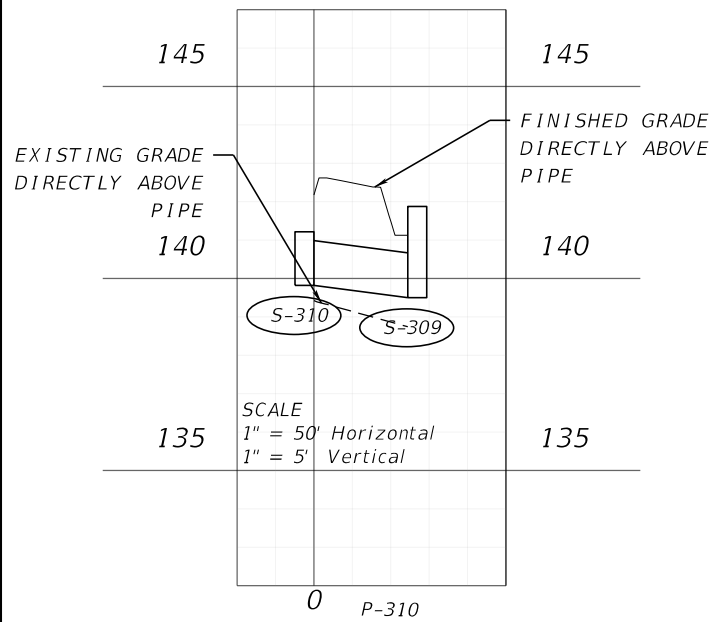
SD-4A TO SD-4B



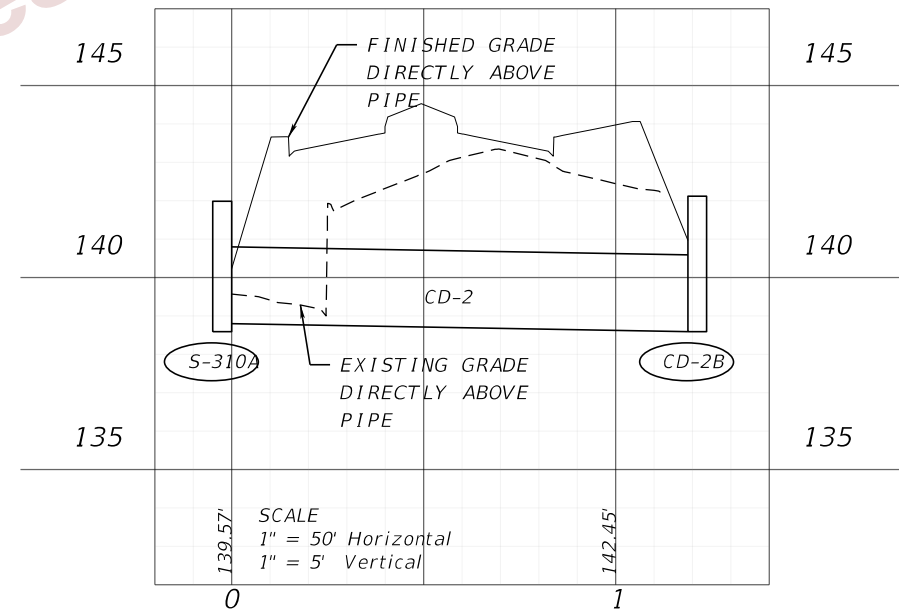
S-303 TO S-304



S-309 TO S-310A



S-310 TO S-309



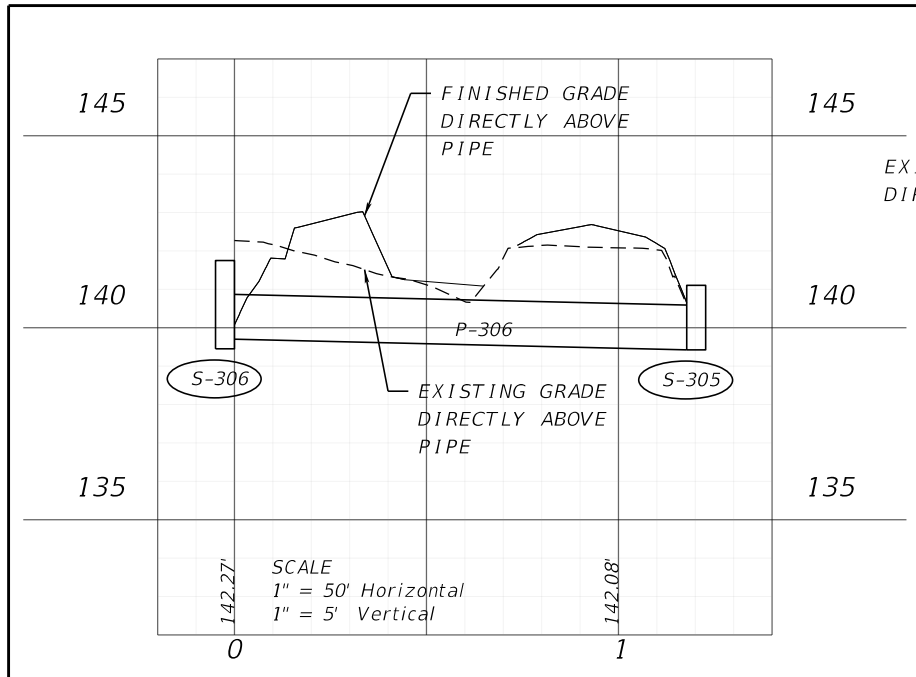
S-310A TO CD-2B

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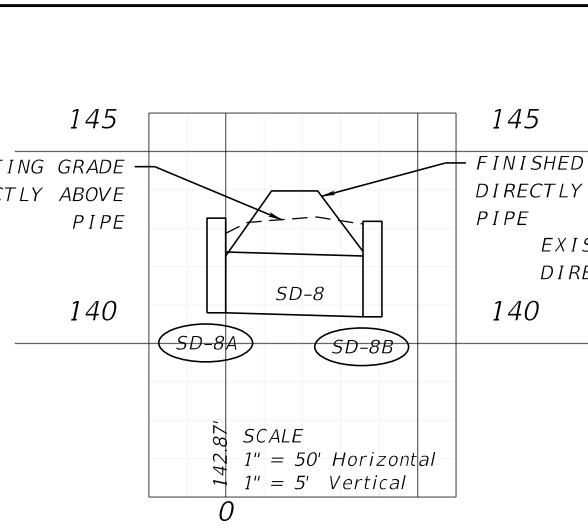
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 140
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	DRAINAGE PROFILES (03)			

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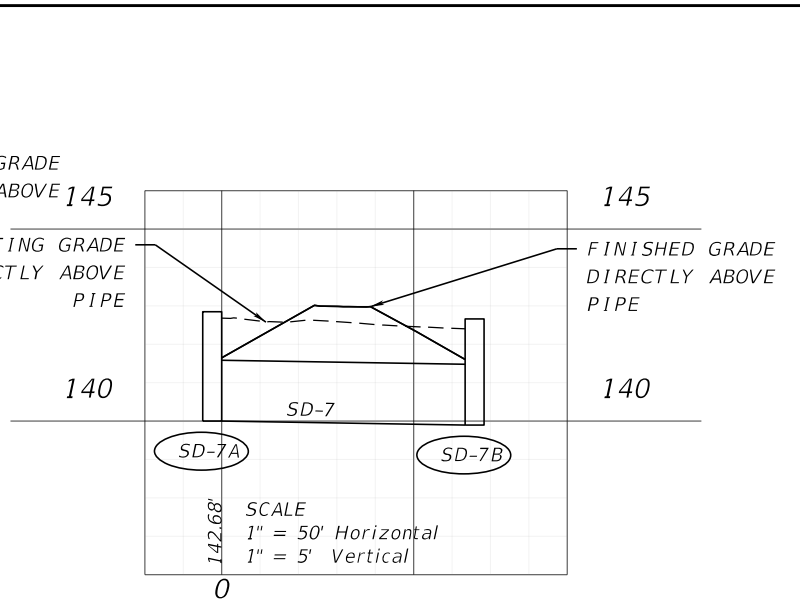
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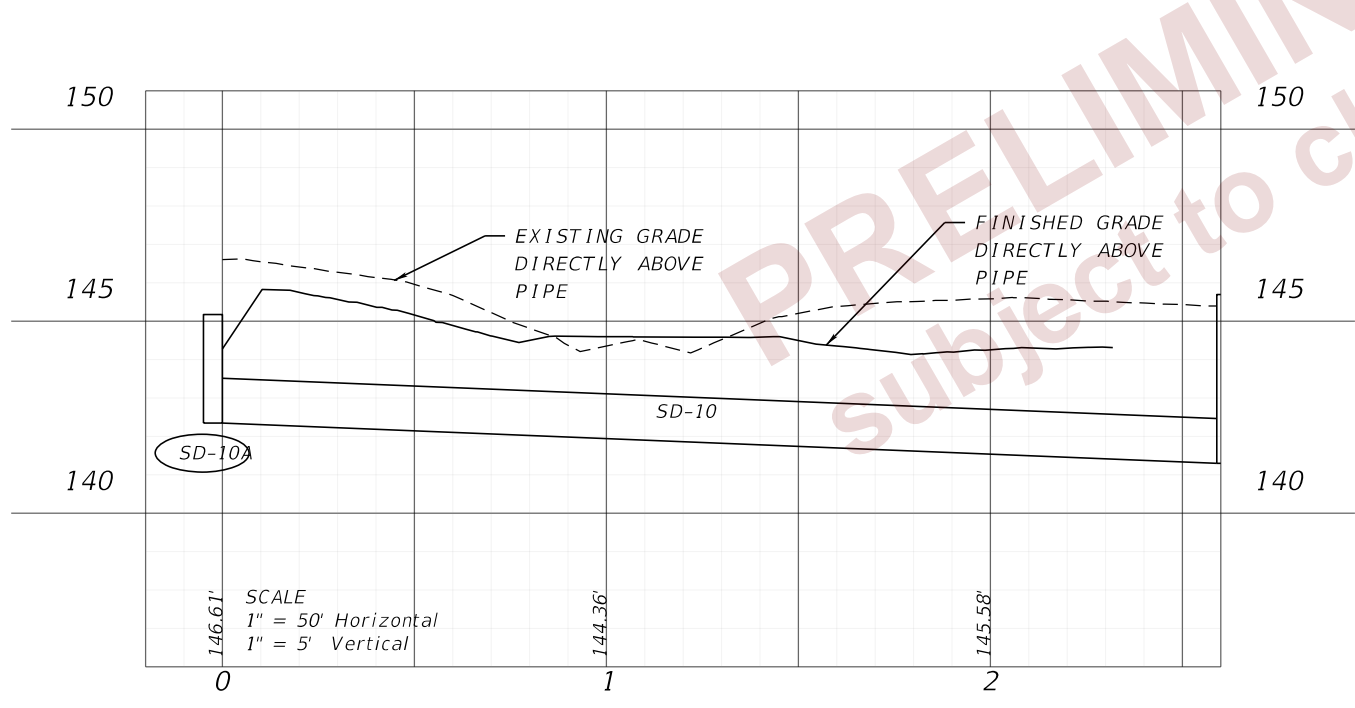
S-306 TO S-305



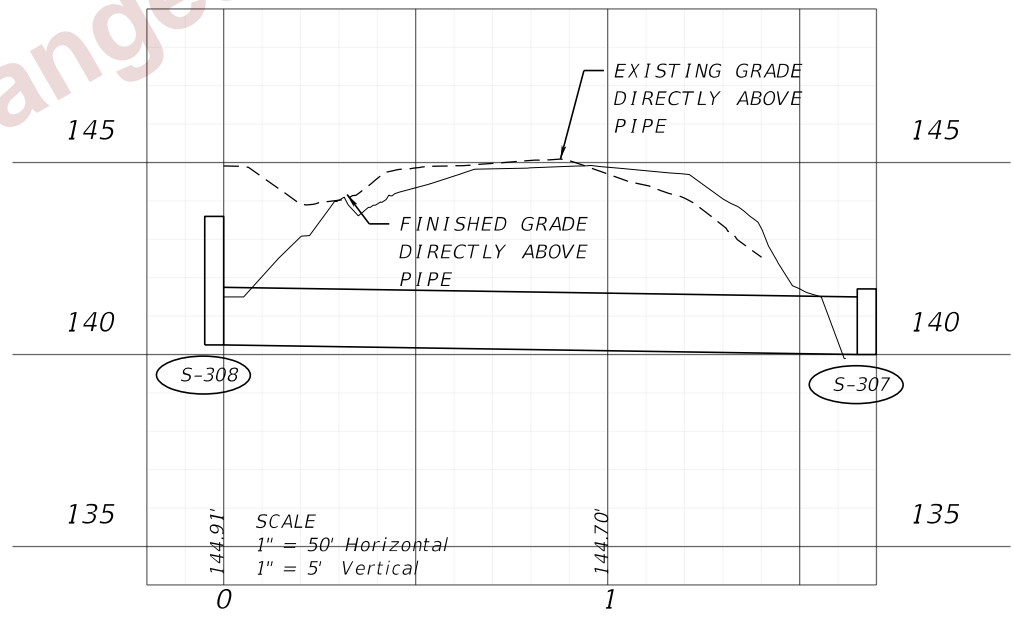
SD-8A TO SD-8B



SD-7A TO SD-7B



SD-10A TO SD-10B

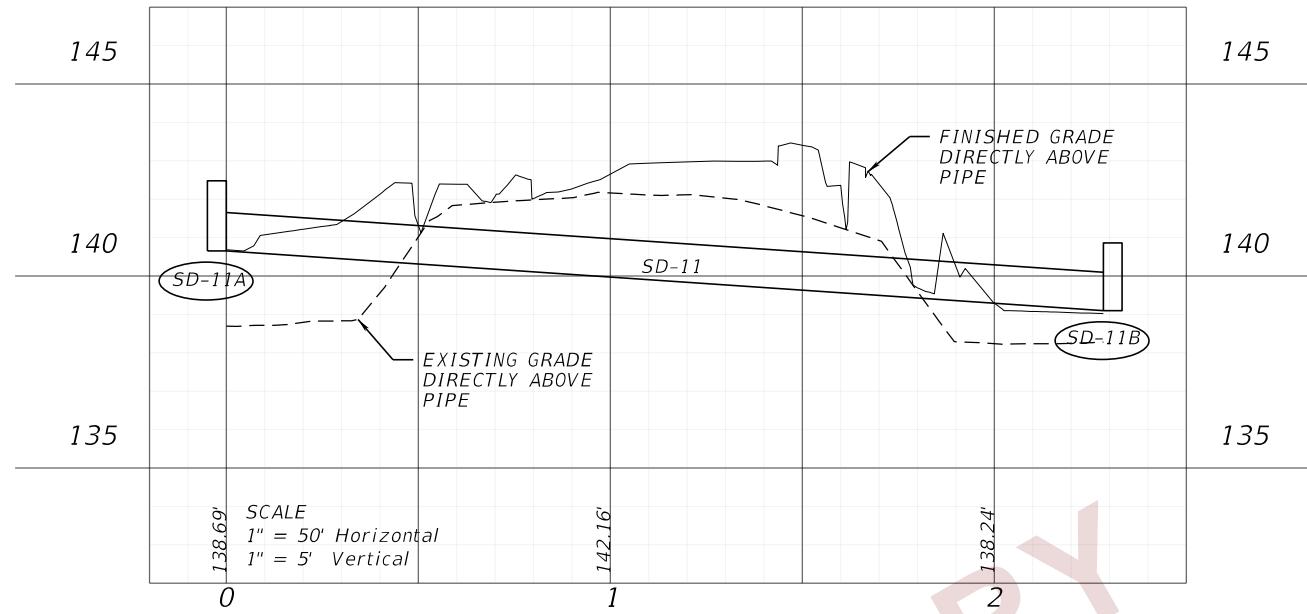


S-308 TO S-307

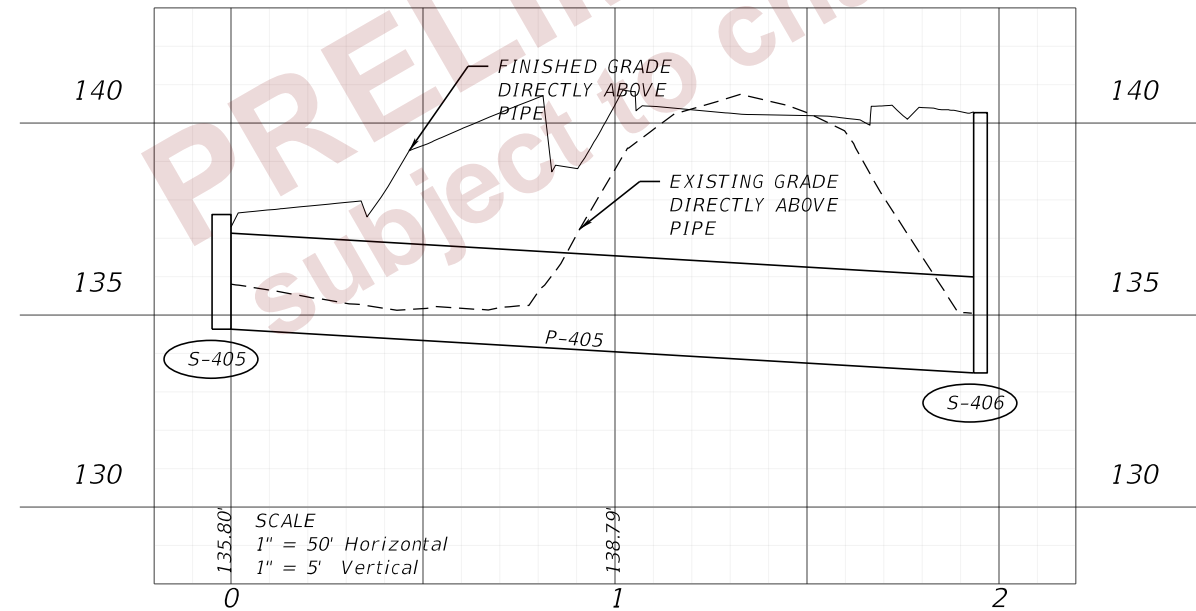
PRELIMINARY
 subject to changes

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PROFILES (04)	SHEET NO. 141
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		

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SD-11A TO SD-11B

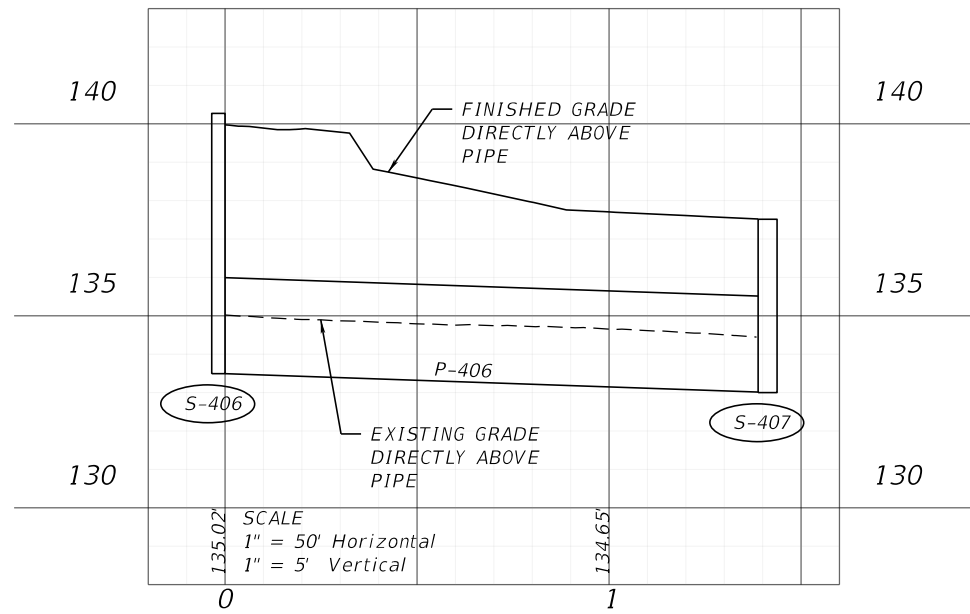


S-405 TO S-406

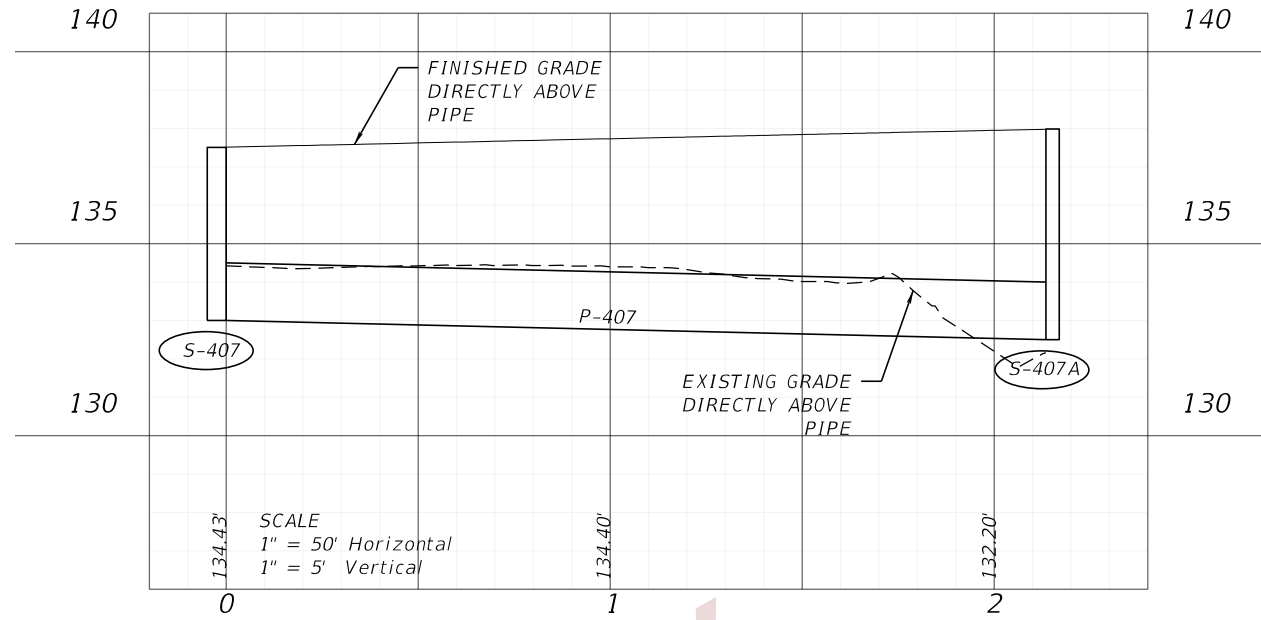
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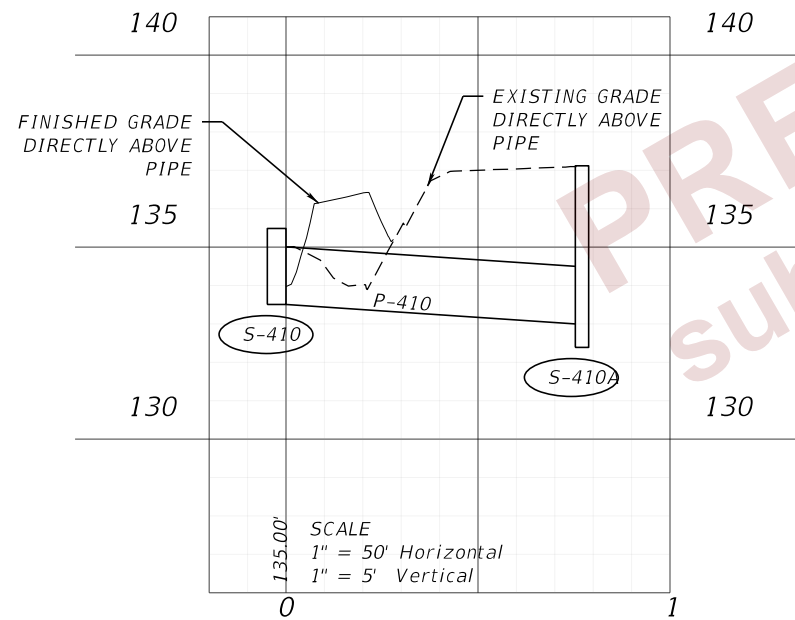
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	142
DRAINAGE PROFILES (05)									



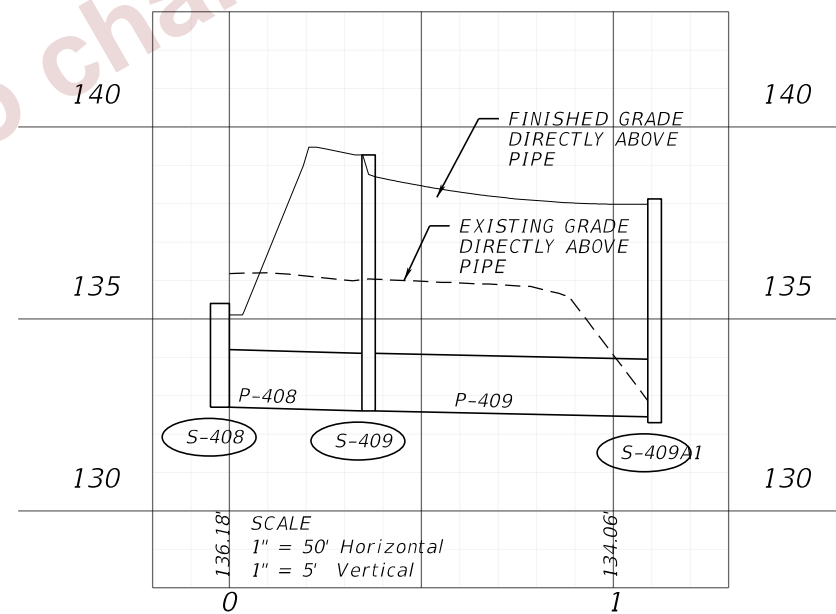
S-406 TO S-407



S-407 TO CD-3



S-410 TO S-410A

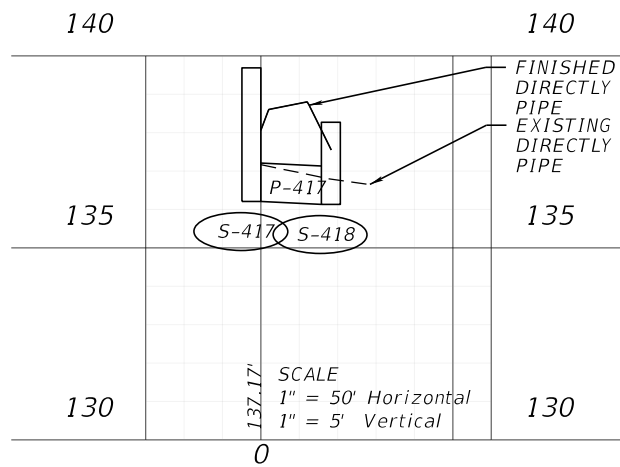


S-408 TO S-409A

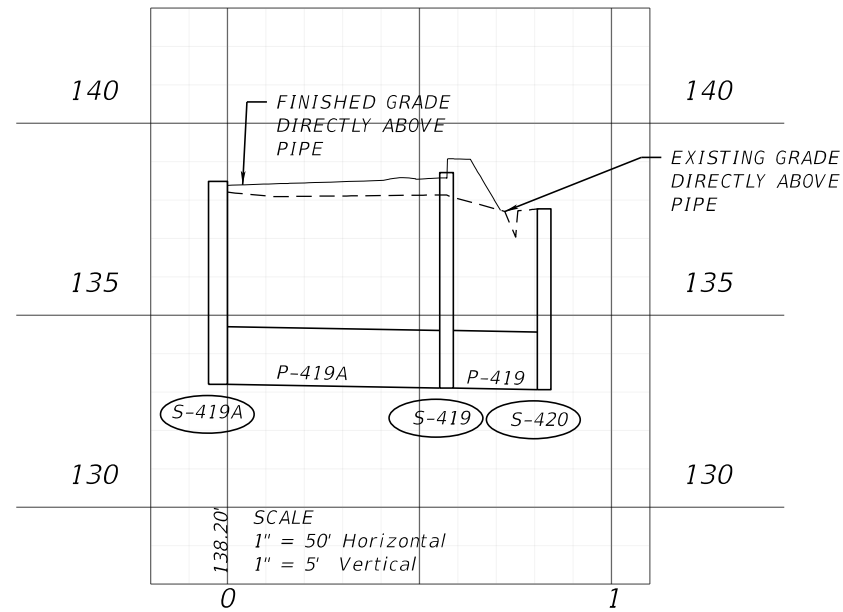
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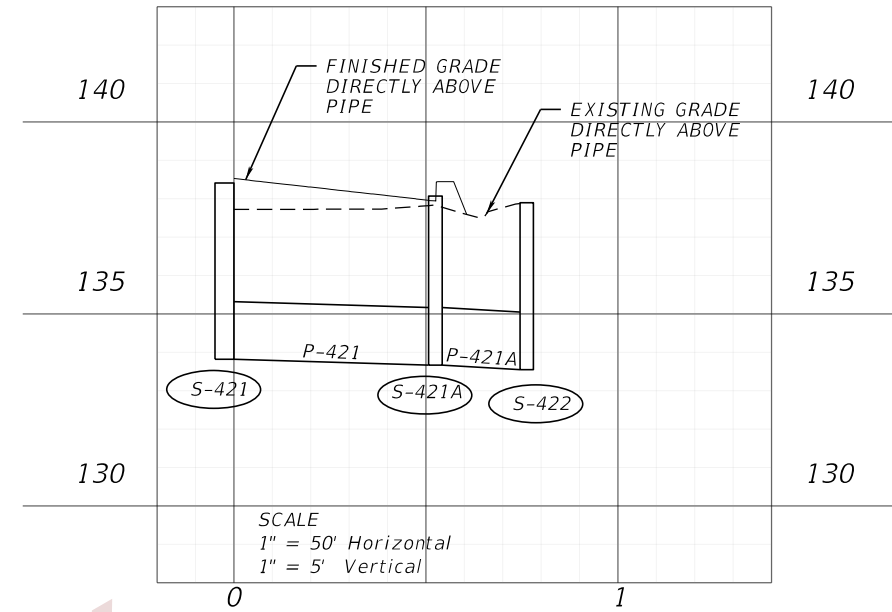
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DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	
							143			



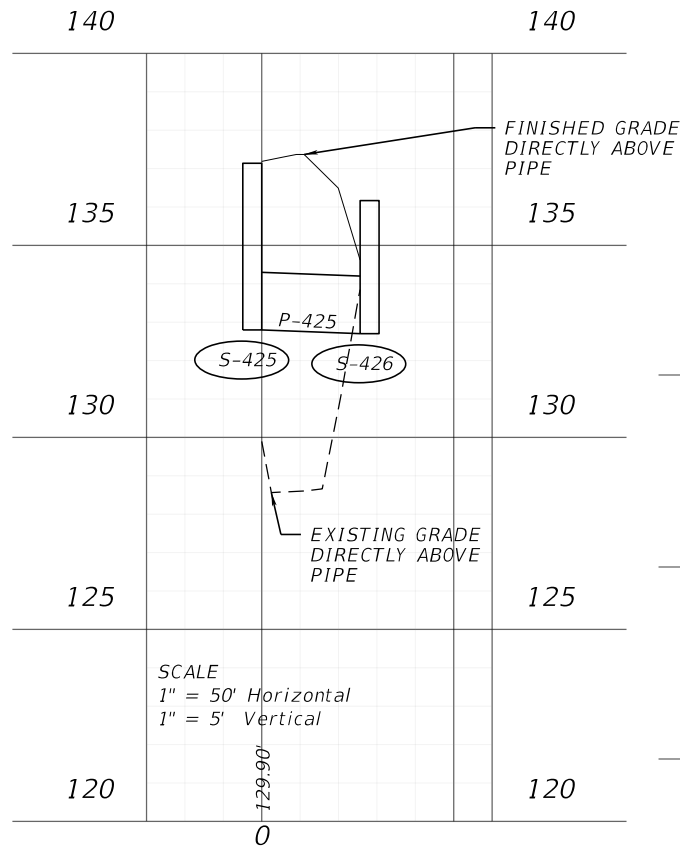
S-417 TO S-418



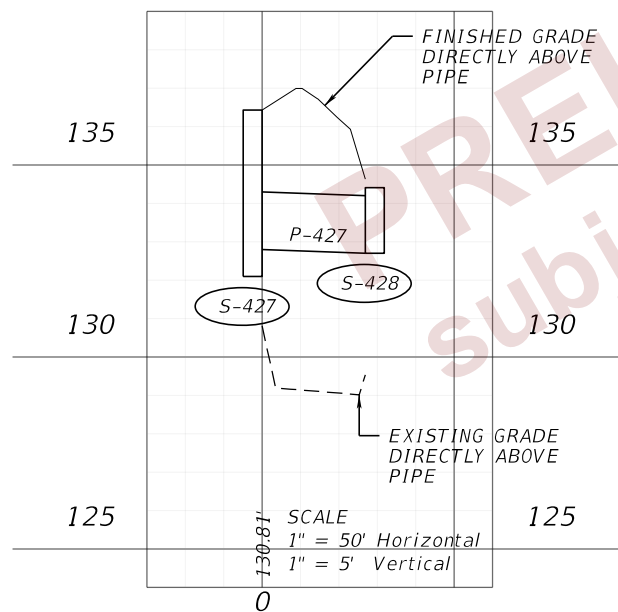
S-419A TO S-420



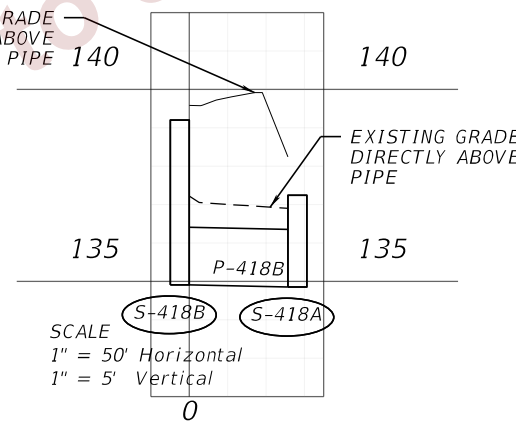
S-421 TO S-422



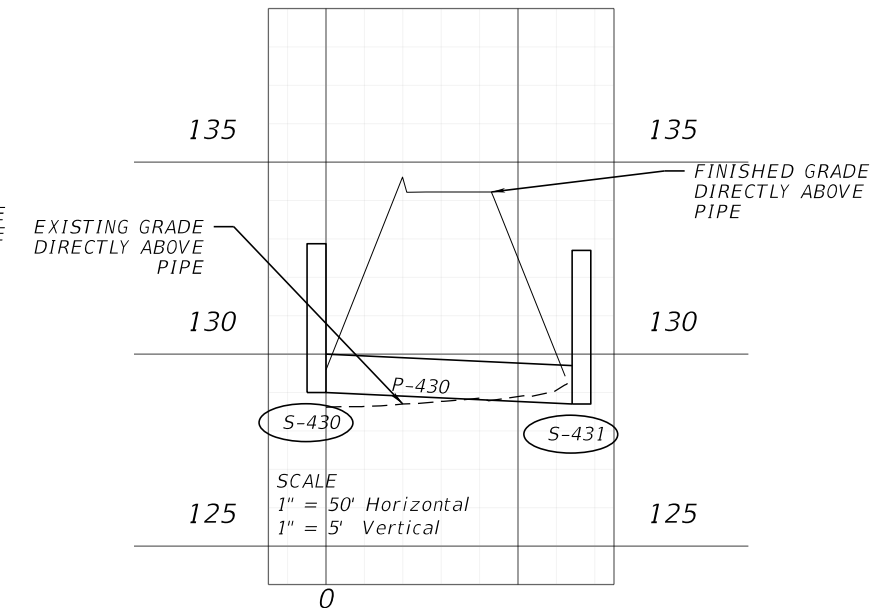
S-425 TO S-426



S-427 TO S-428



S-418B TO S-418A



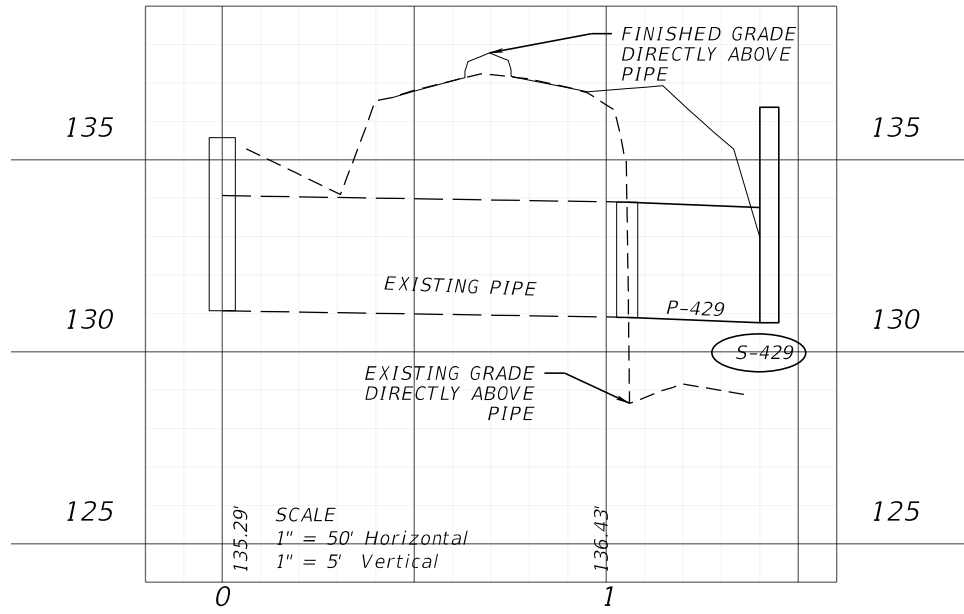
S-430 TO S-431

PRELIMINARY
 Subject to changes

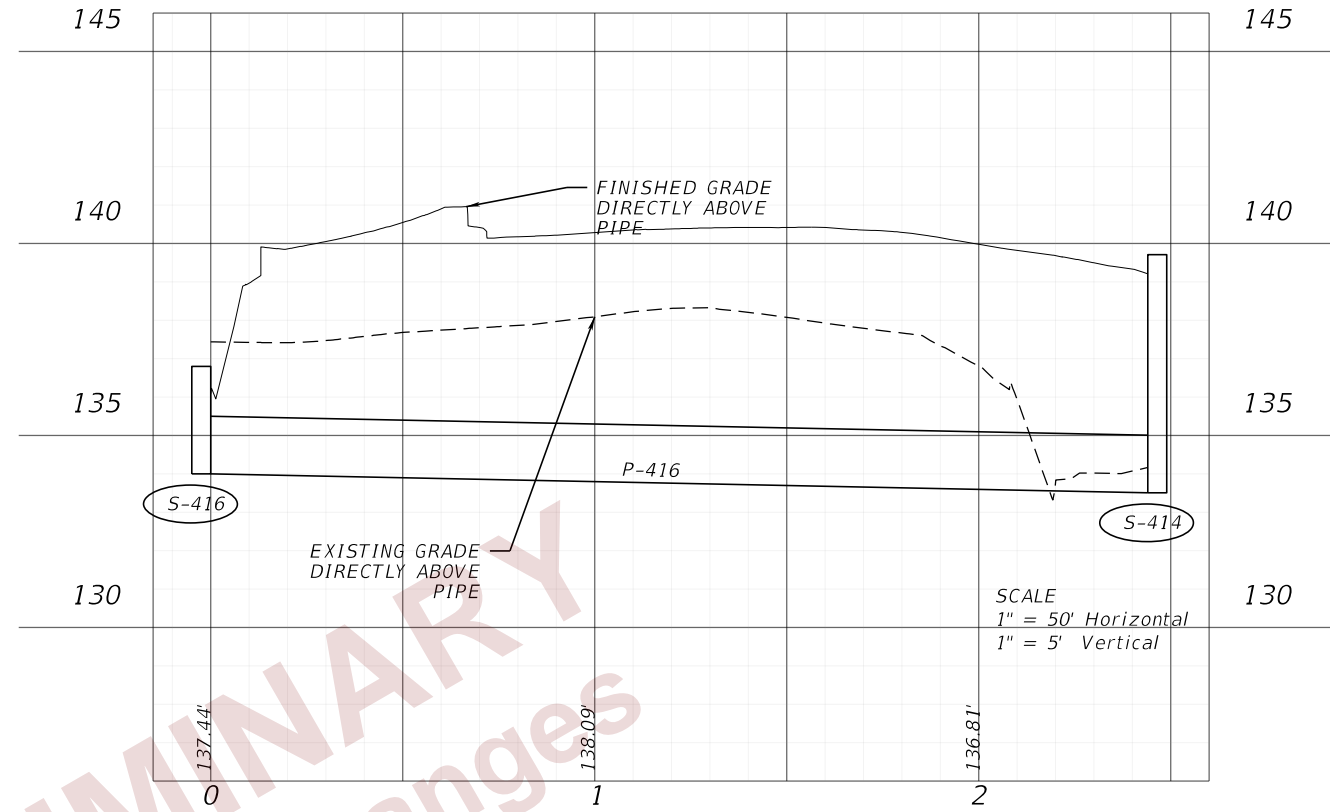
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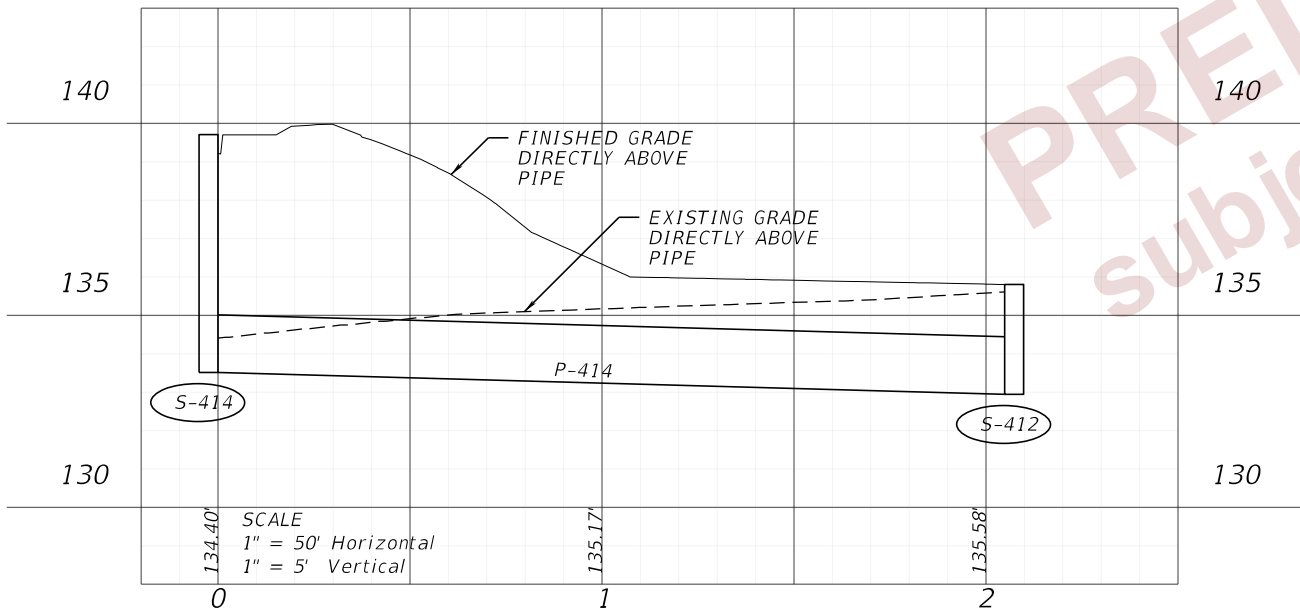
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. DRAINAGE PROFILES (07) 144
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	



EXISTING TO S-429



S-416 TO S-414



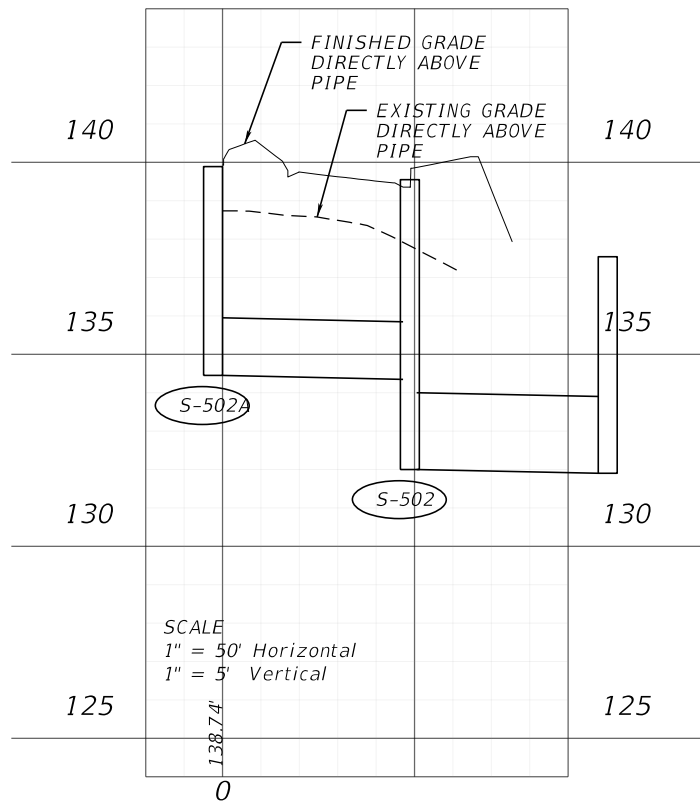
S-414 TO S-412

PRELIMINARY
 subject to changes

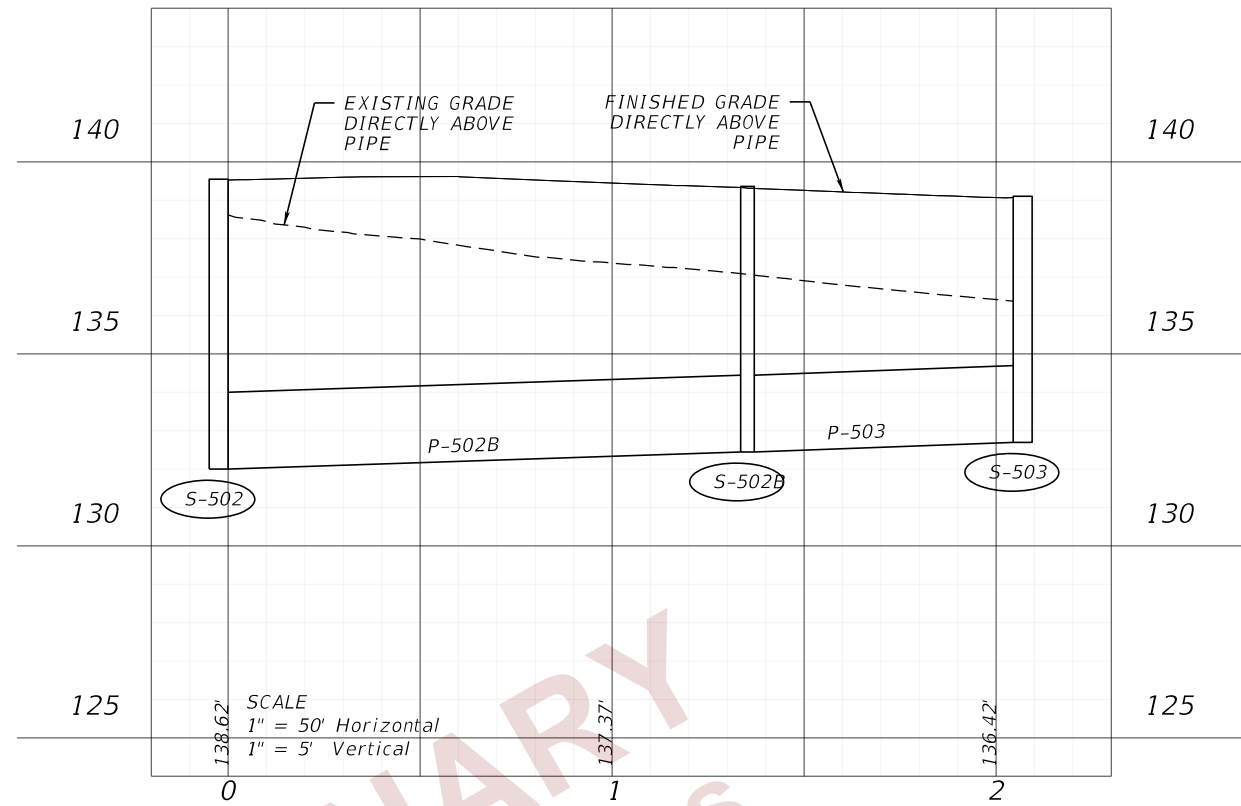
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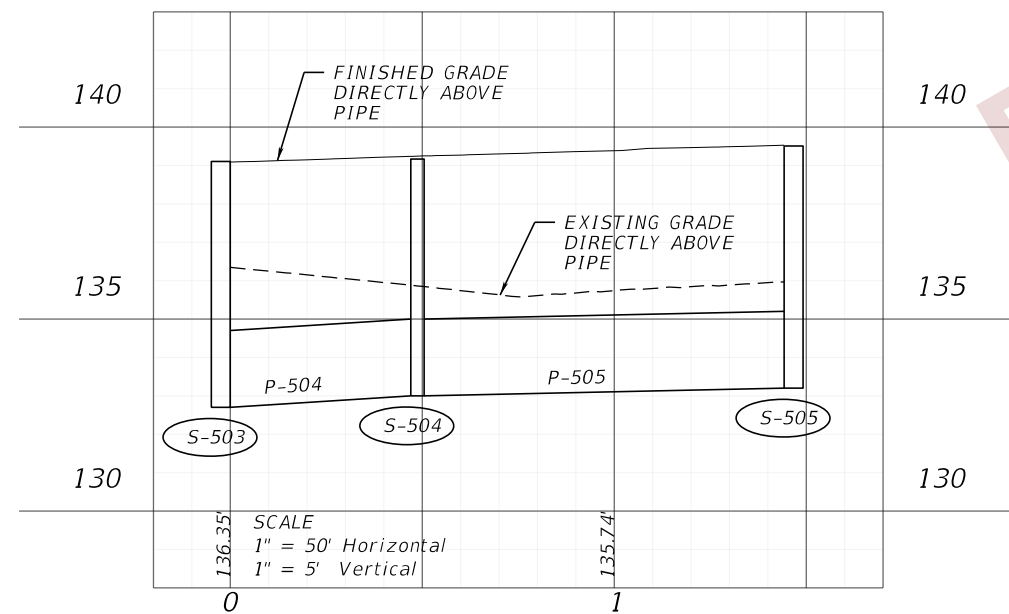
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			SR 33	POLK	430185-4-52-01	DRAINAGE PROFILES (08) 145



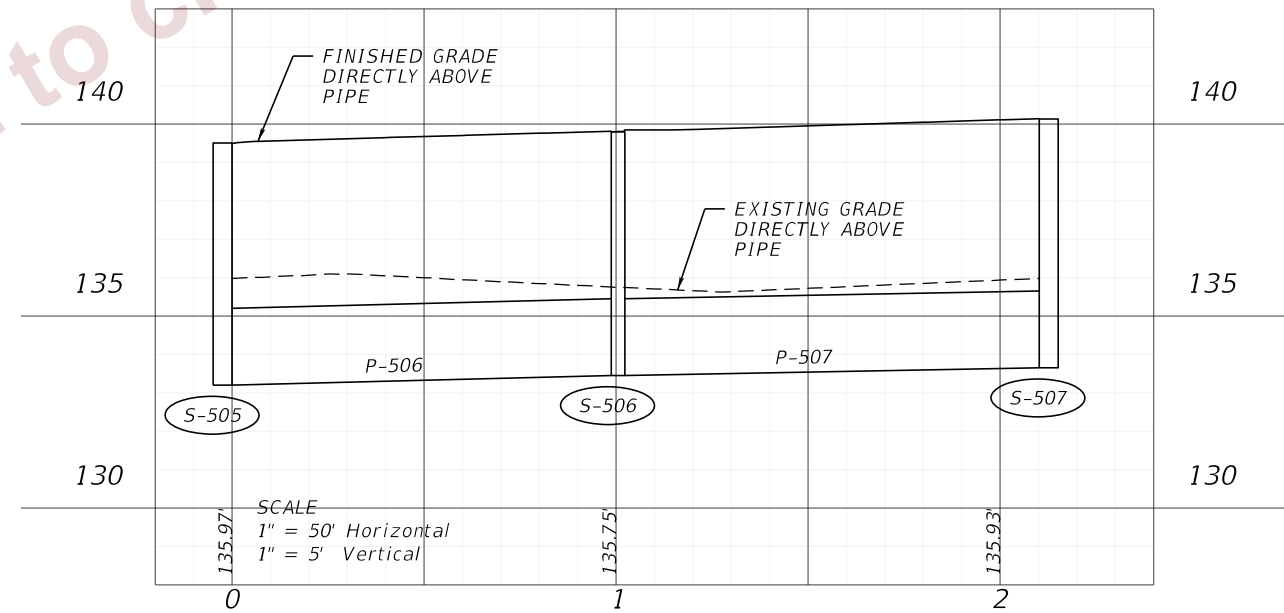
S-502A TO S-501



S-502 TO S-503



S-503 TO S-505



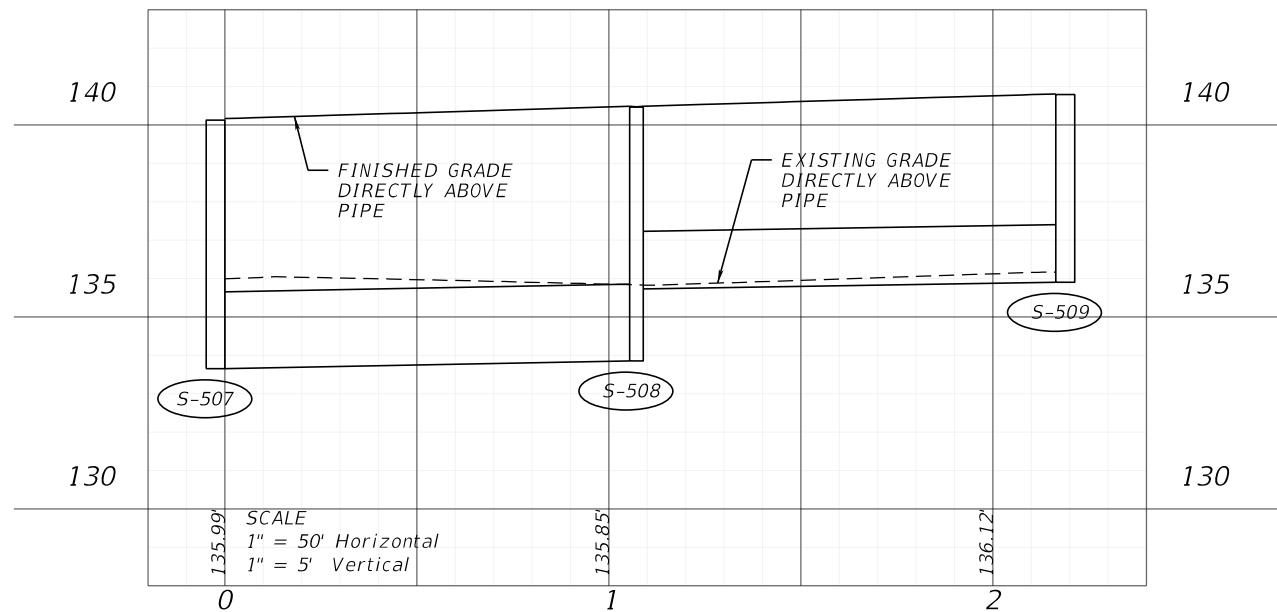
S-505 TO S-507

PRELIMINARY
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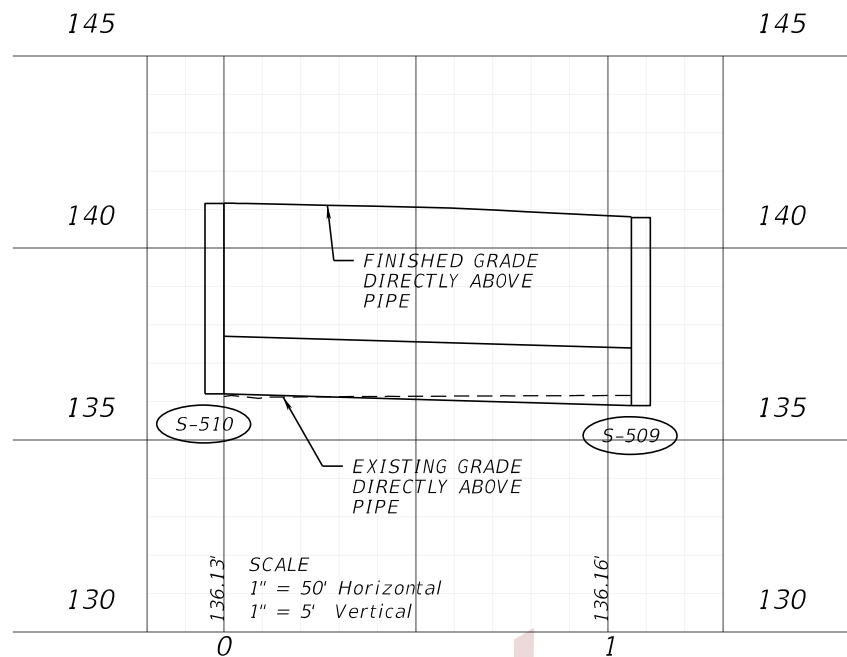
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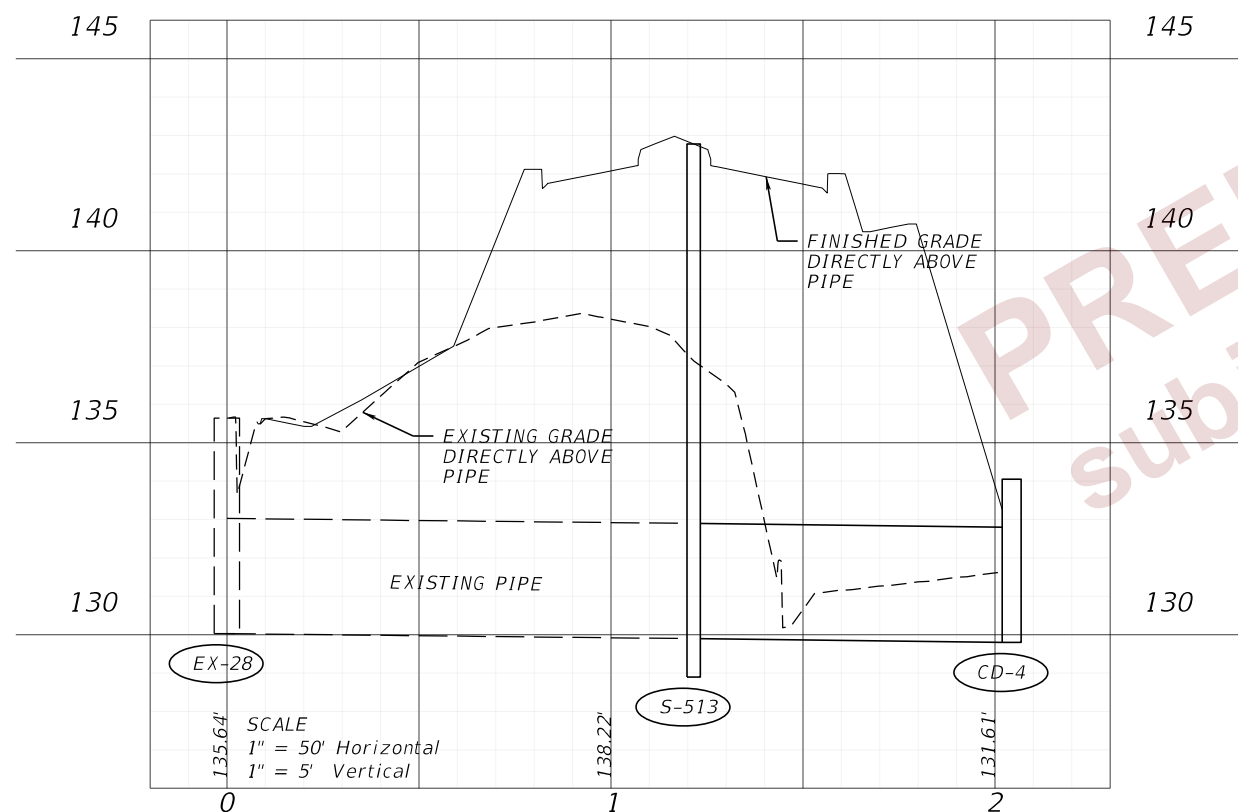
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PROFILES (09)	SHEET NO. 146
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		



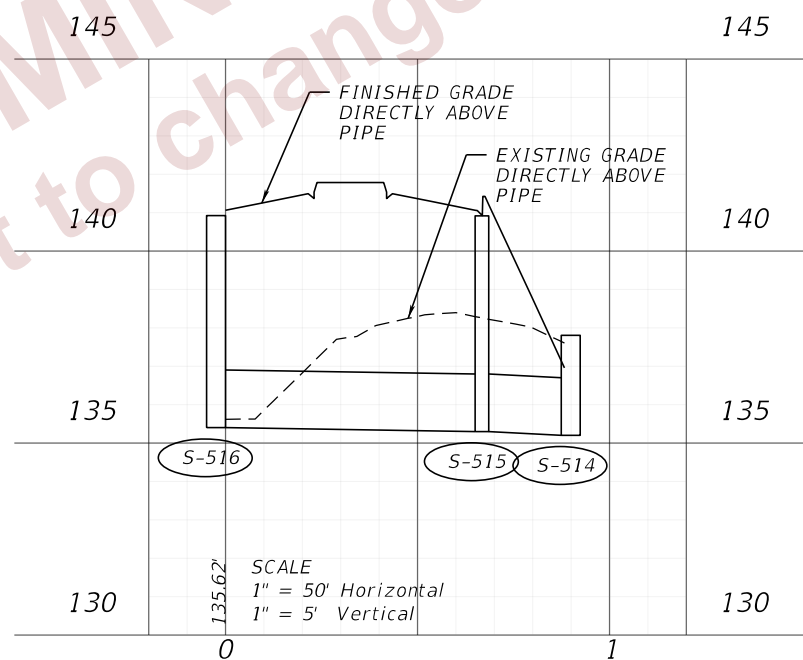
S-507 TO S-509



S-509 TO S-510



EX-28 TO CD-4



S-516 TO S-514

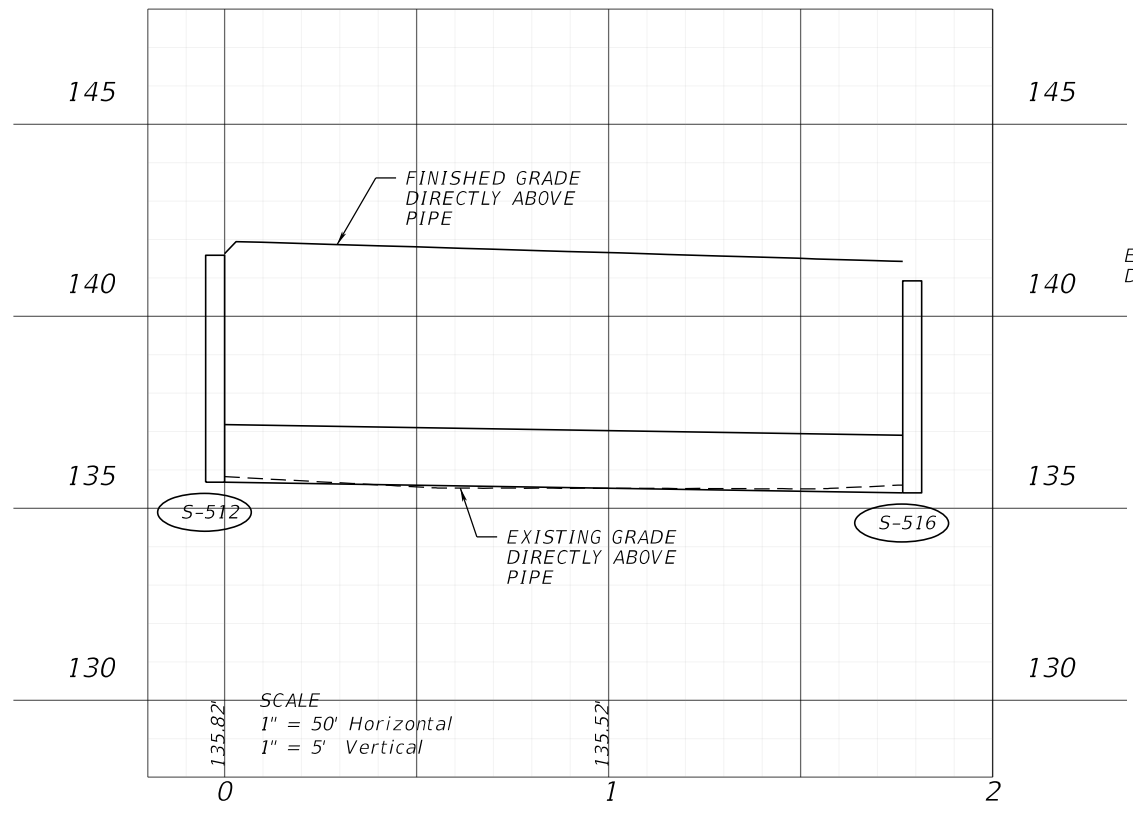
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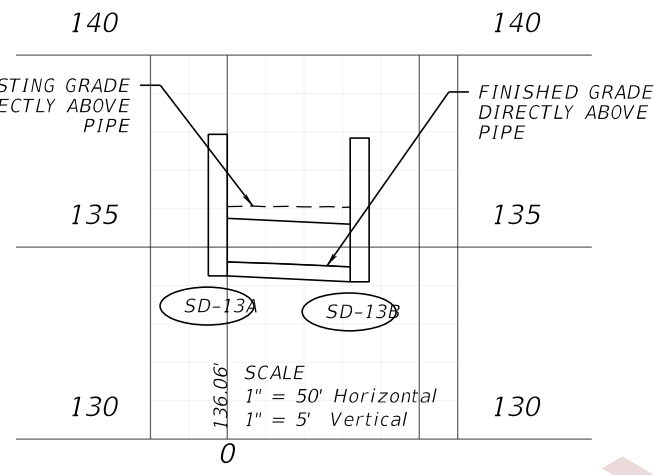
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 147
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-4-52-01	

DRAINAGE PROFILES (10)

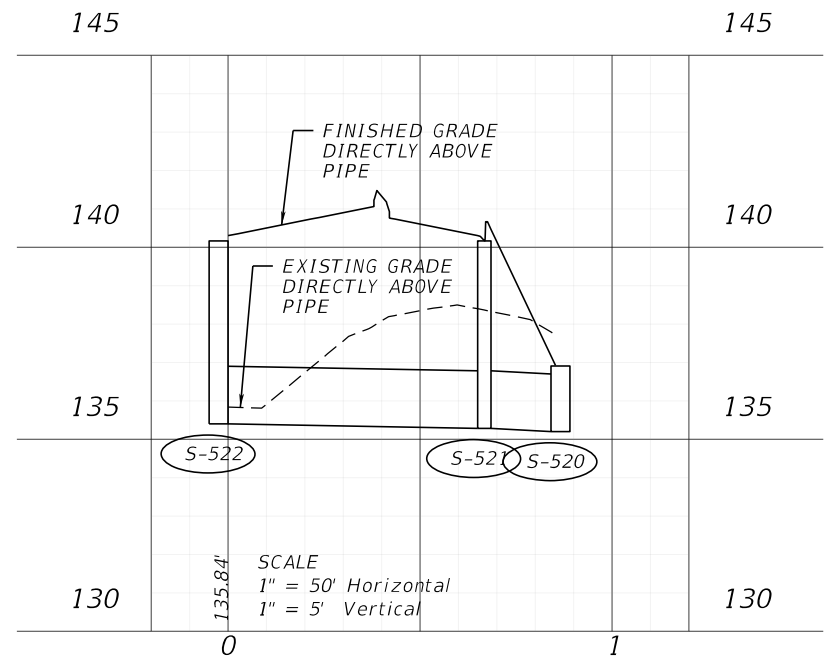
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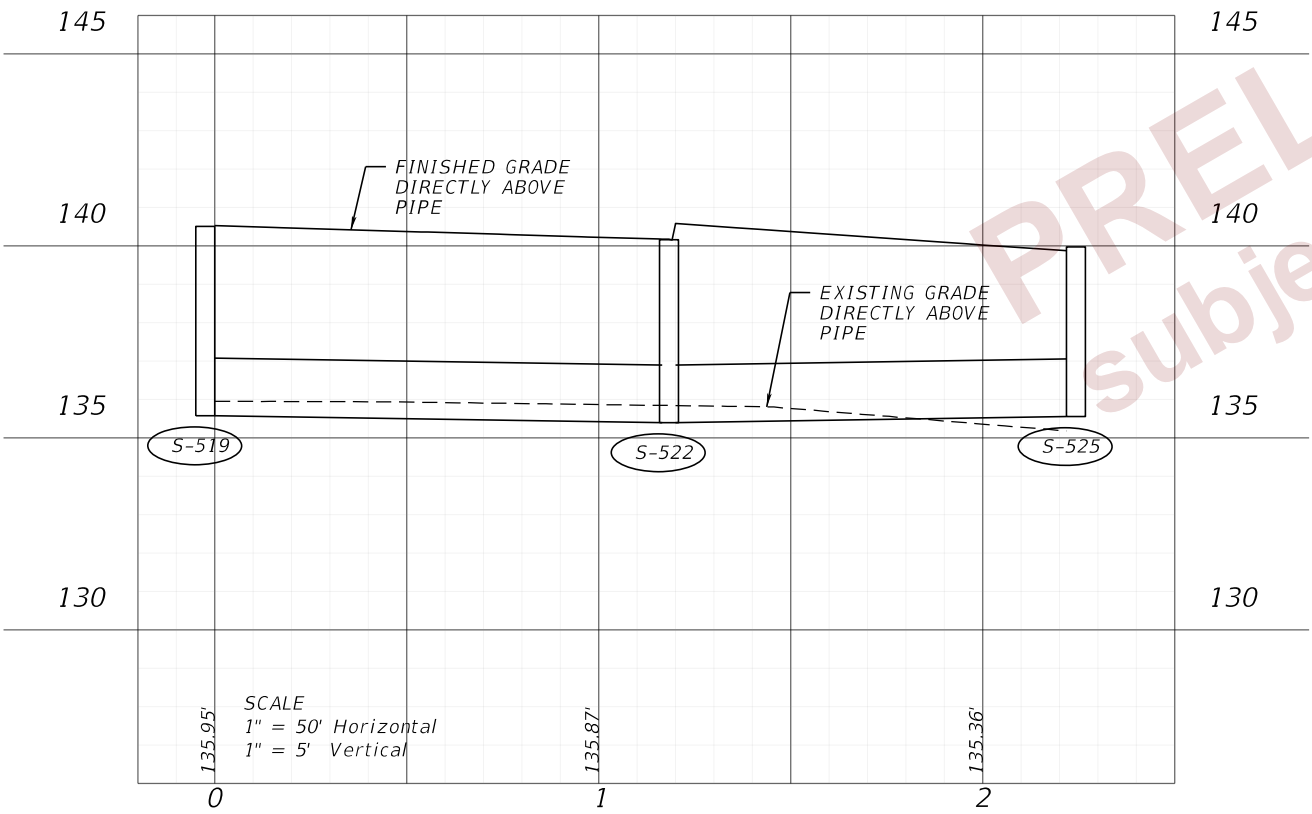
S-512 TO S-516



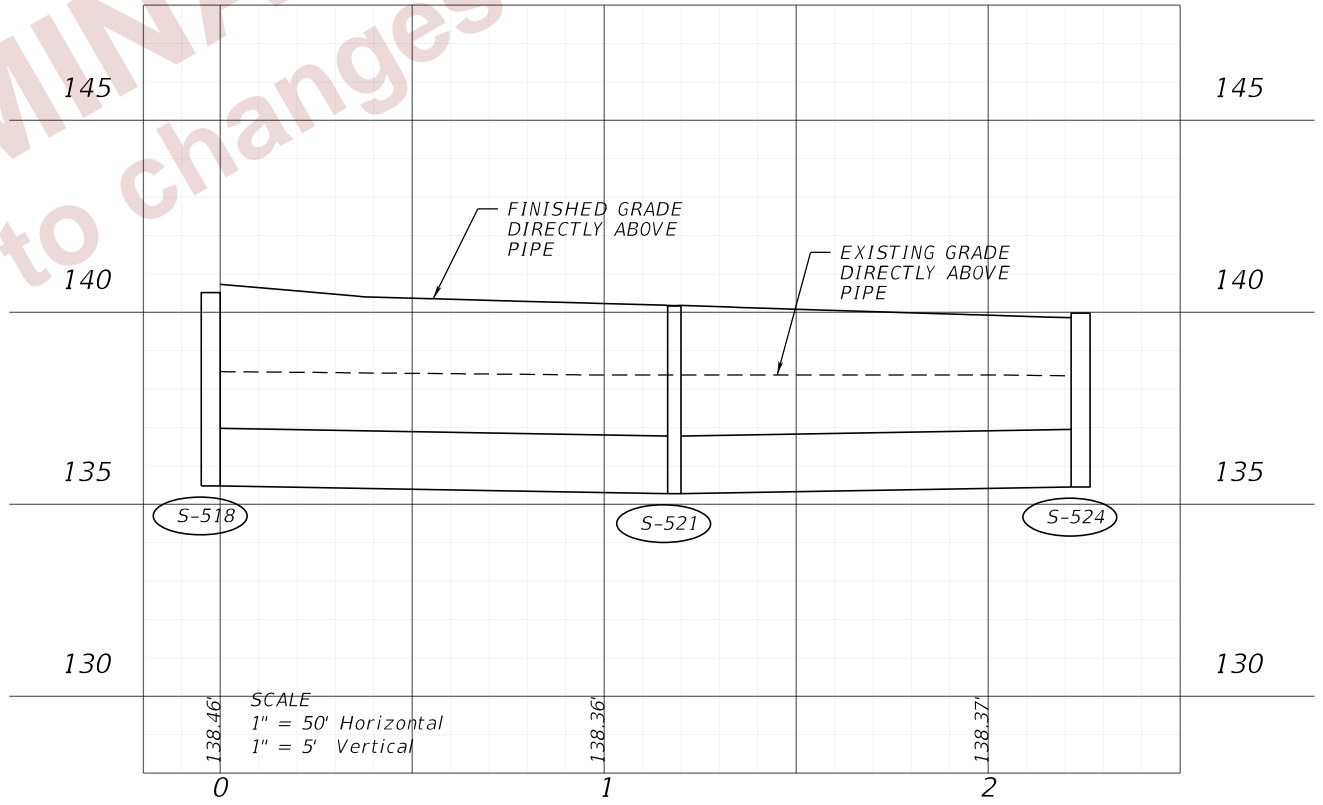
SD-13A TO SD-13B



S-522 TO S-520



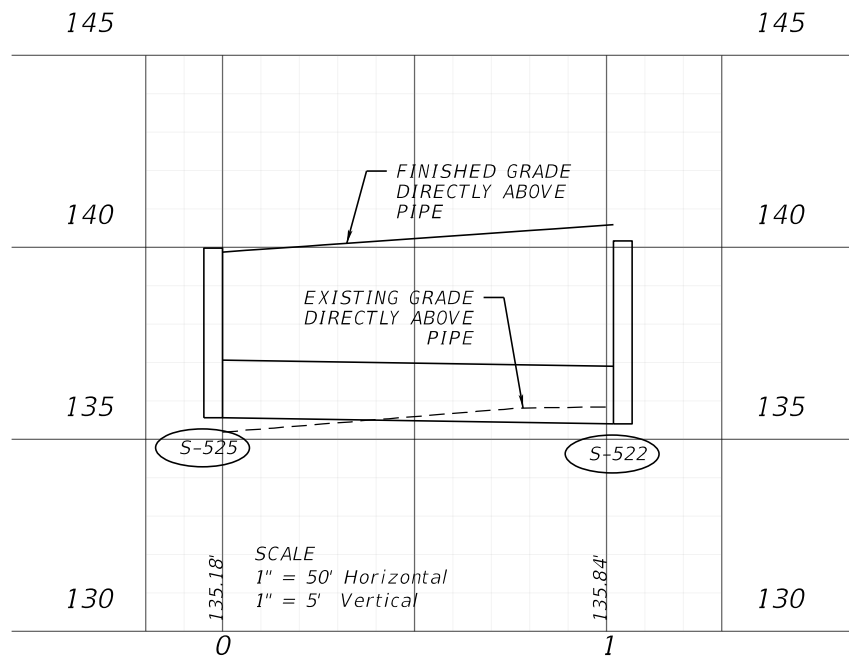
S-519 TO S-525



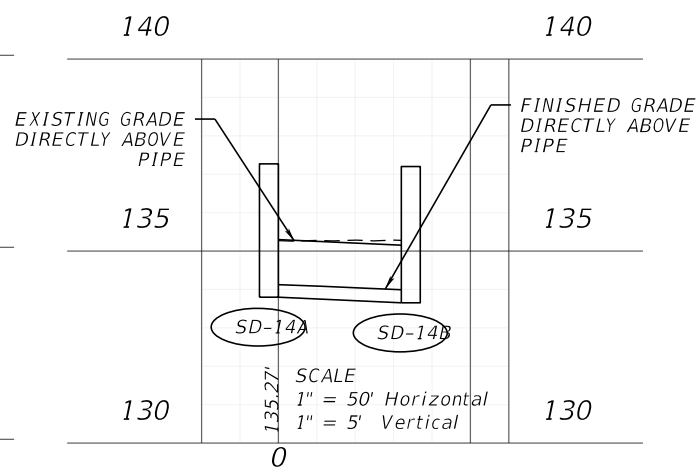
S-518 TO S-524

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 148
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	DRAINAGE PROFILES (11)			

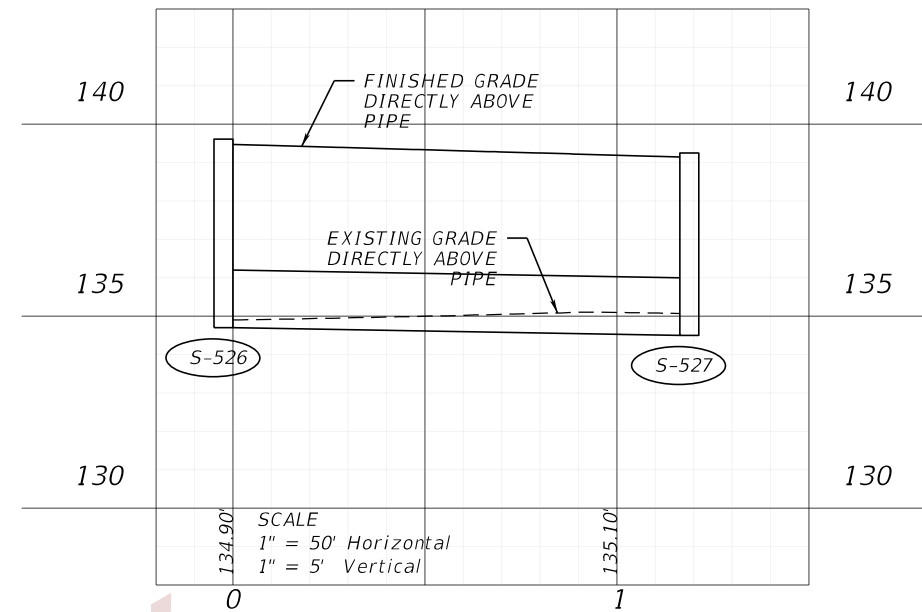
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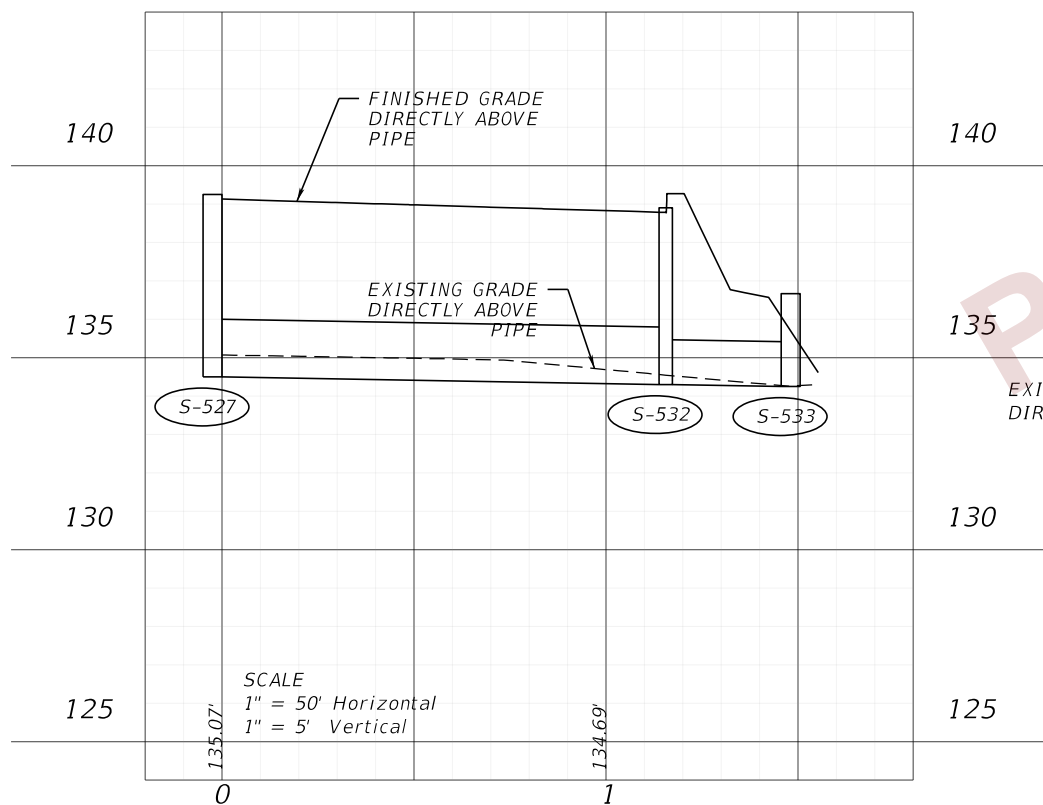
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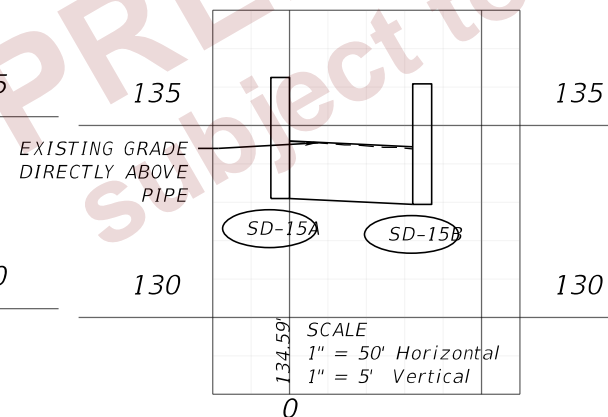
SD-14A TO SD-14B



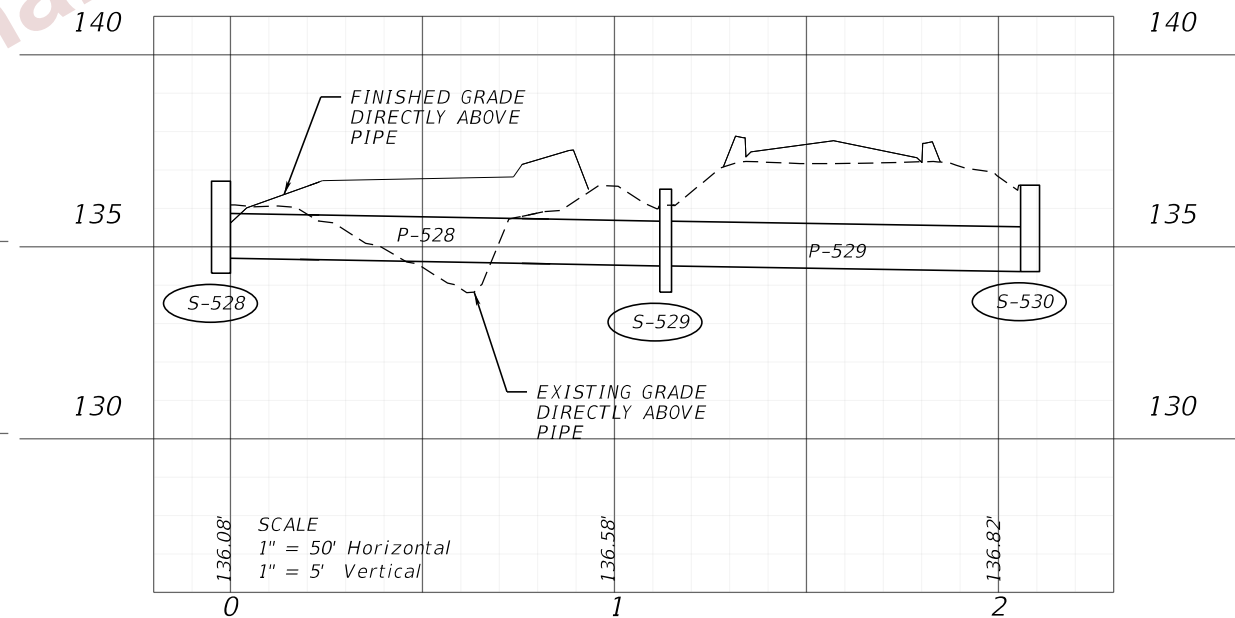
S-526 TO S-527



S-527 TO S-533



SD-15A TO SD-15B

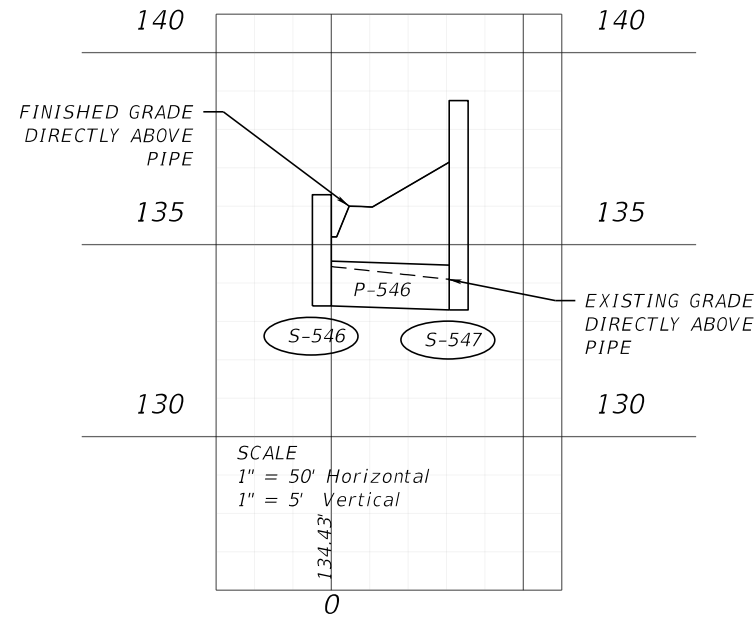


S-528 TO S-530

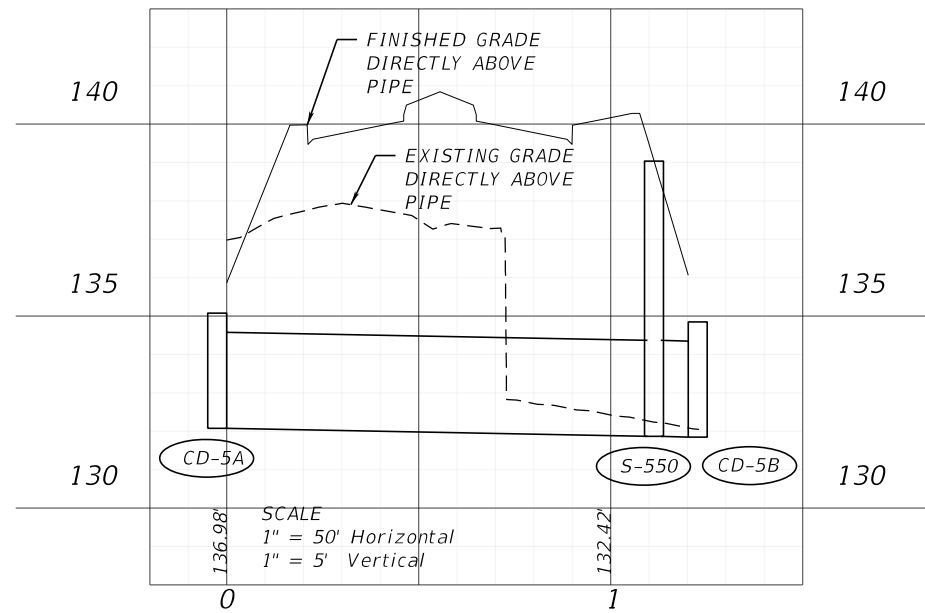
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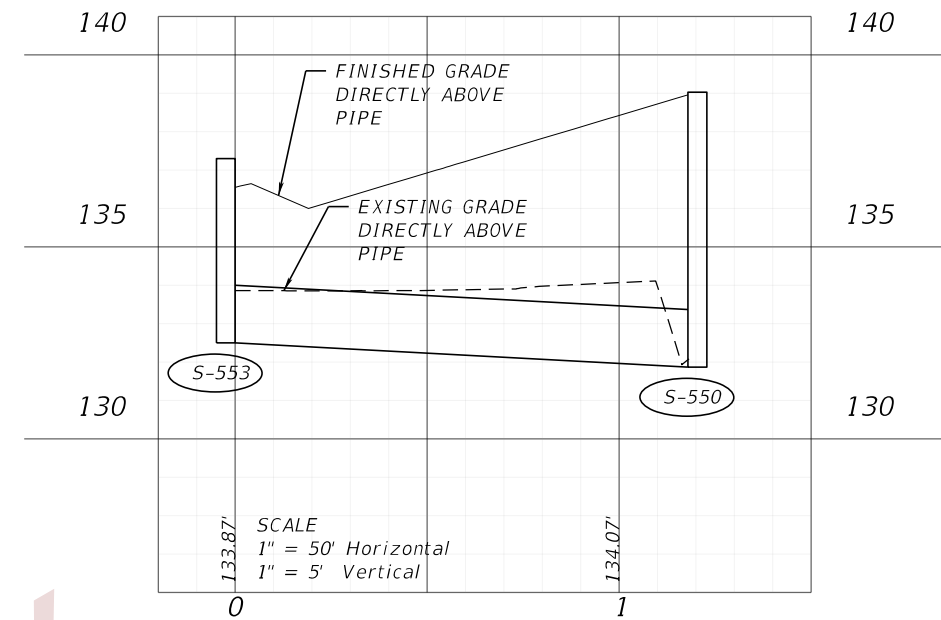
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 149
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	DRAINAGE PROFILES (12)			



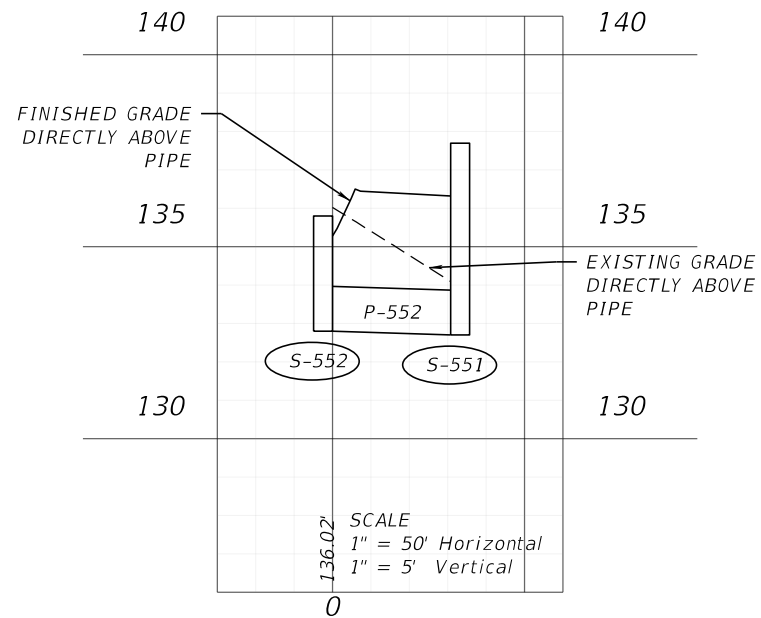
S-546 TO S-547



CD-5A TO CD-5B



S-553 TO S-550



S-552 TO S-551

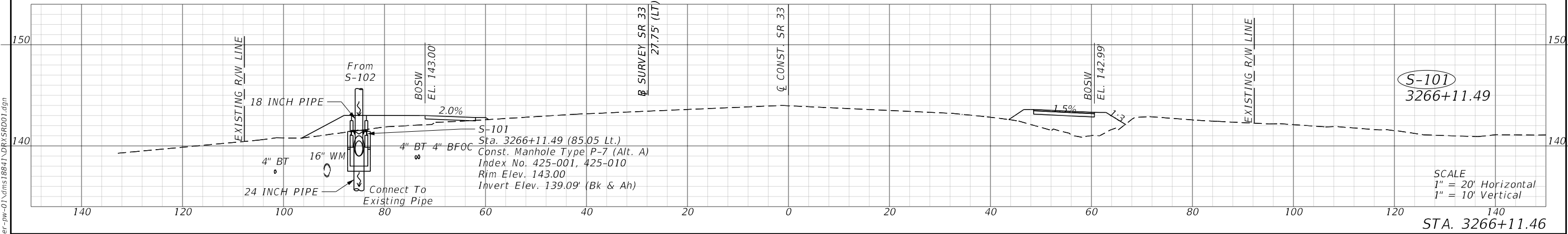
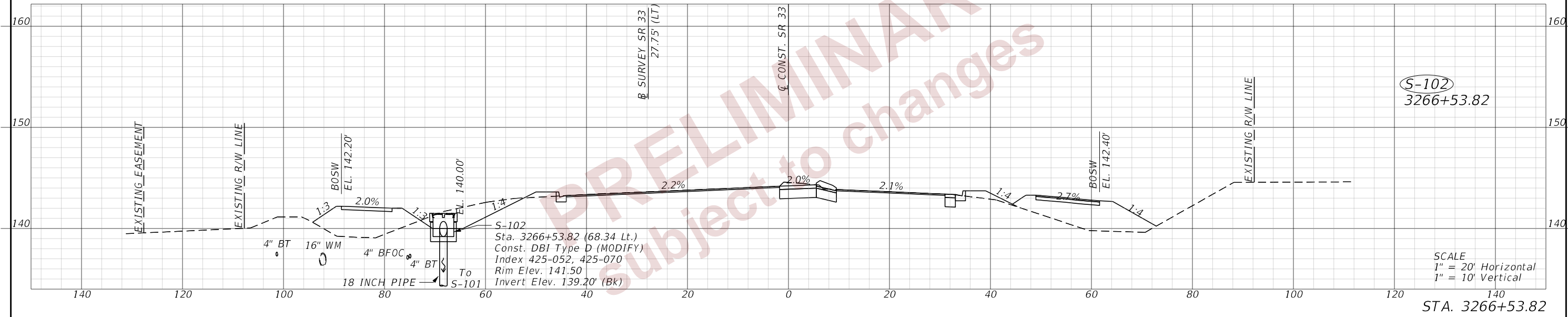
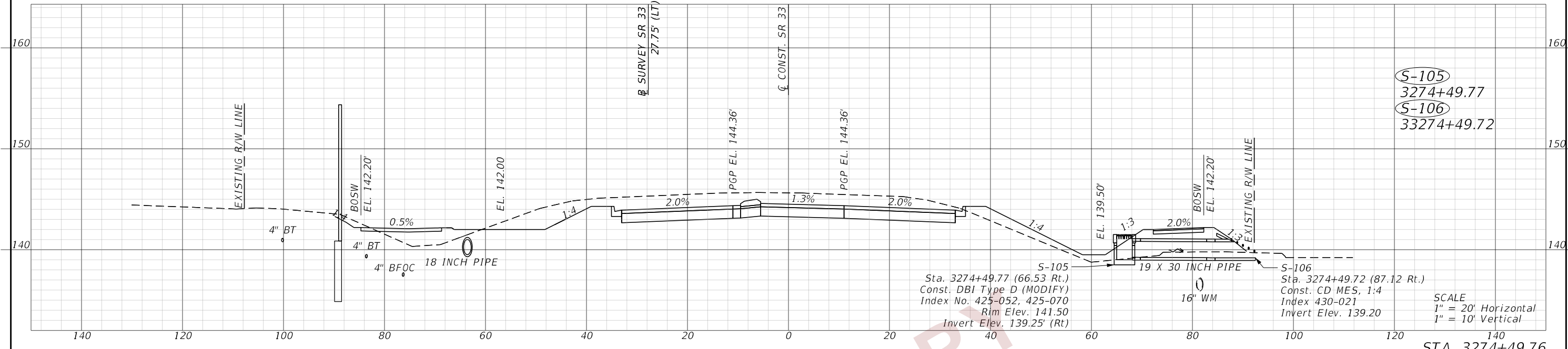
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	DRAINAGE PROFILES (14) 151

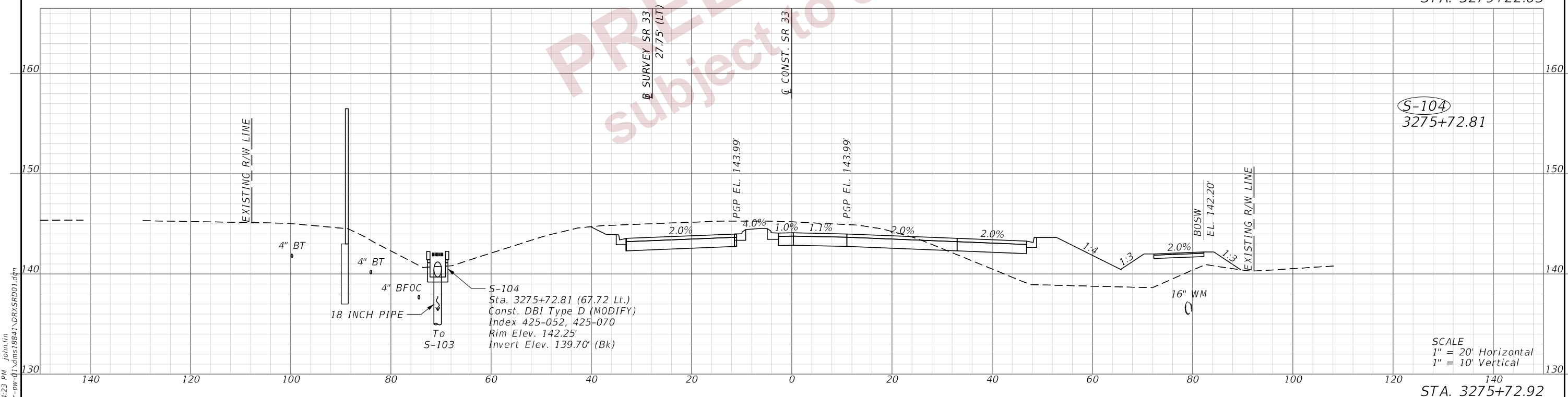
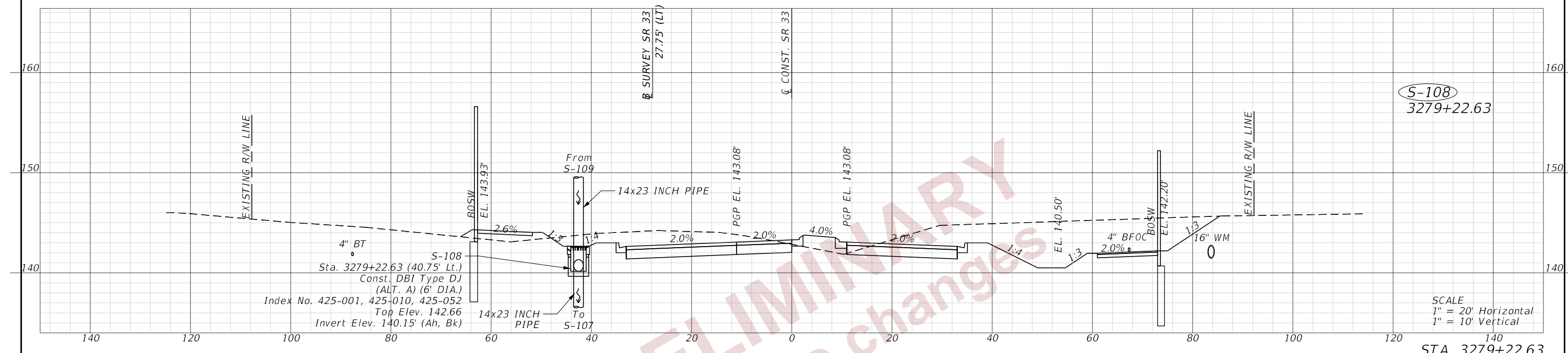
NOTES:
 1. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO STABILIZED PORTIONS OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
 2. ALL DRAINAGE PIPES HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET SHOWS ALL MATERIALS ALLOWED AND INDICATES WHICH MATERIAL IS PLOTTED IN THE PLANS AND USED AS THE BASIS FOR PAY QUANTITIES.



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (1) SR 33	SHEET NO. 152
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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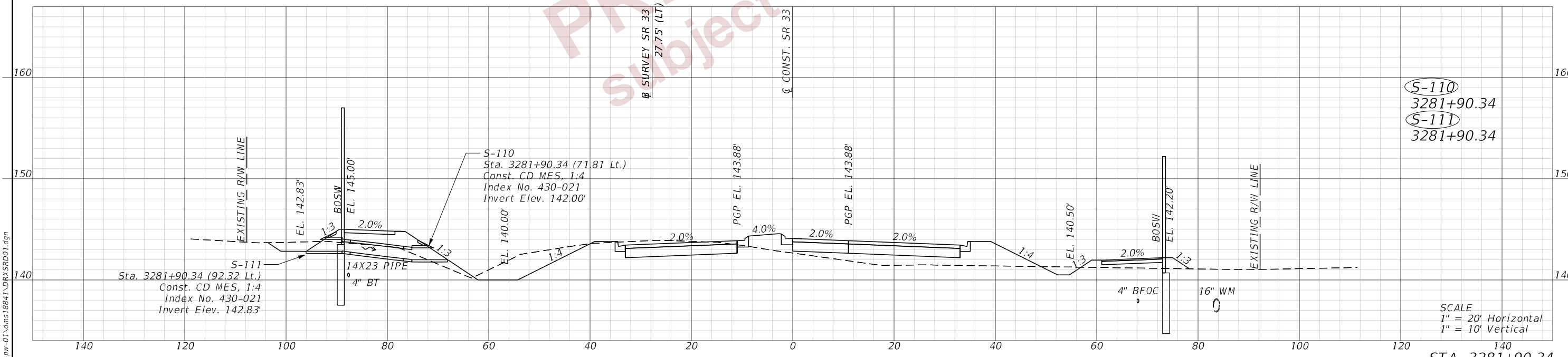


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (2) SR 33	SHEET NO. 153
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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 S-111
 3281+90.34

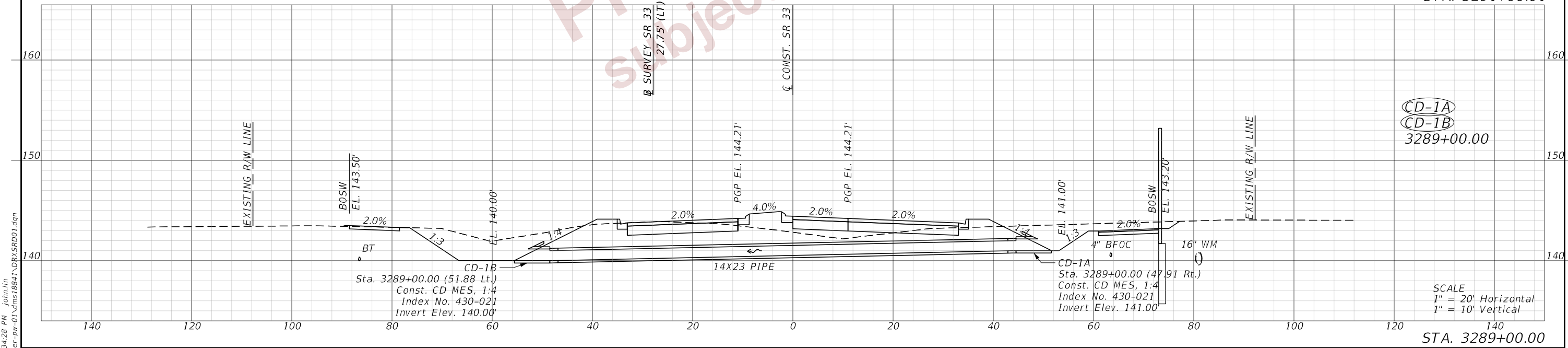
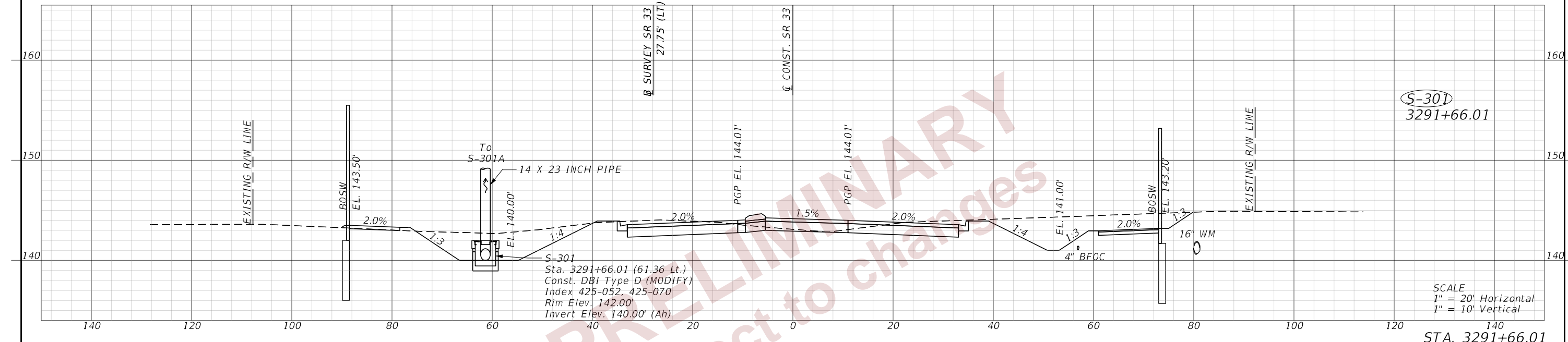
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STA. 3281+90.34

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (3) SR 33	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		154
						SR 33	POLK	430185-4-52-01		

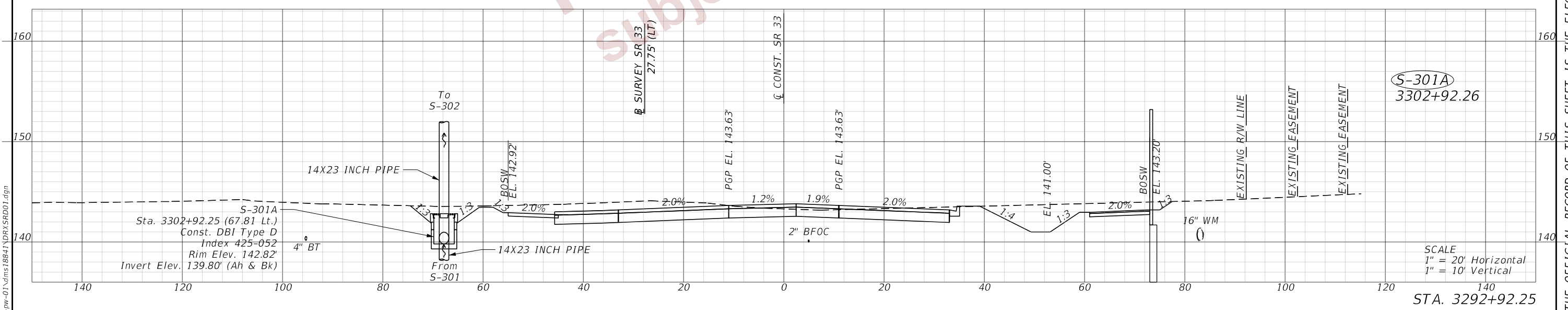


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (4) SR 33	SHEET NO. 155
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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S-301A
3302+92.26

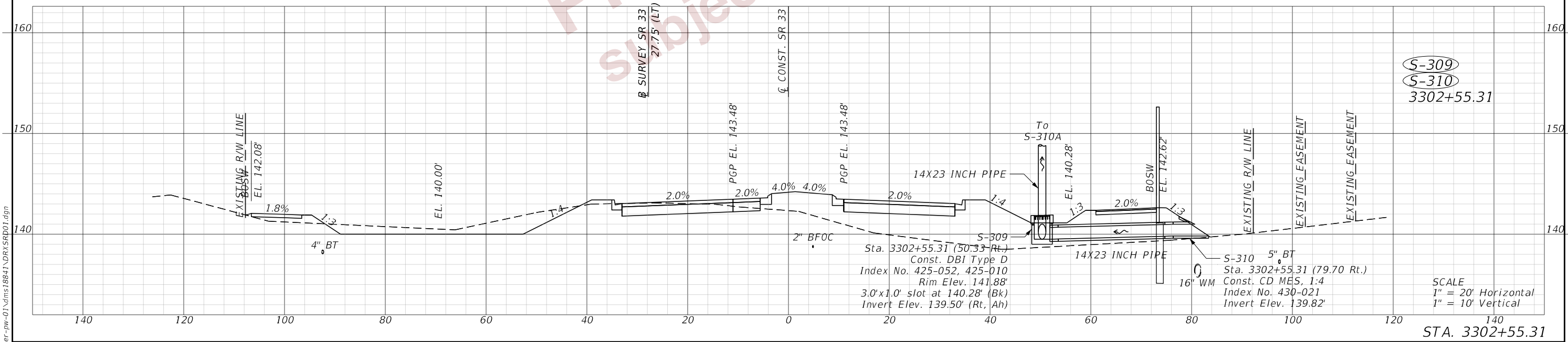
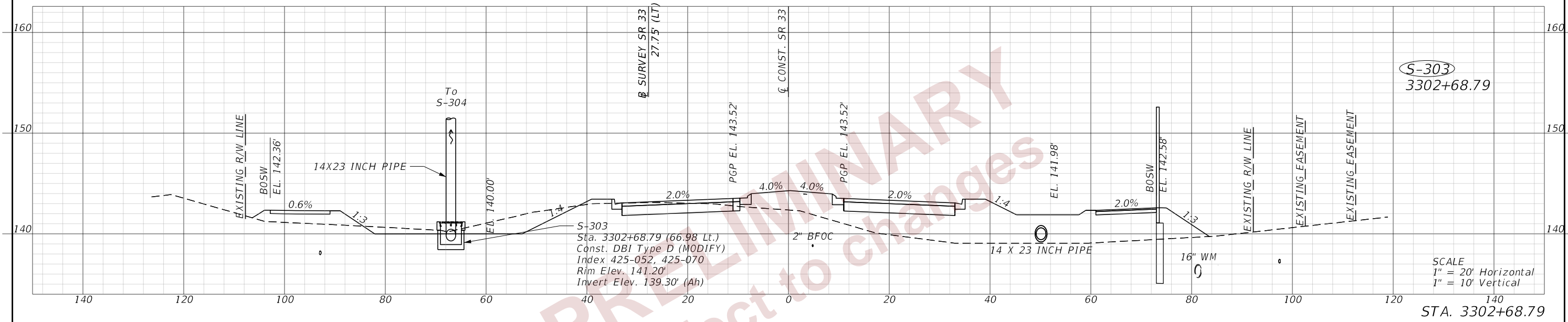
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (5) SR 33	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		156
						SR 33	POLK	430185-4-52-01		

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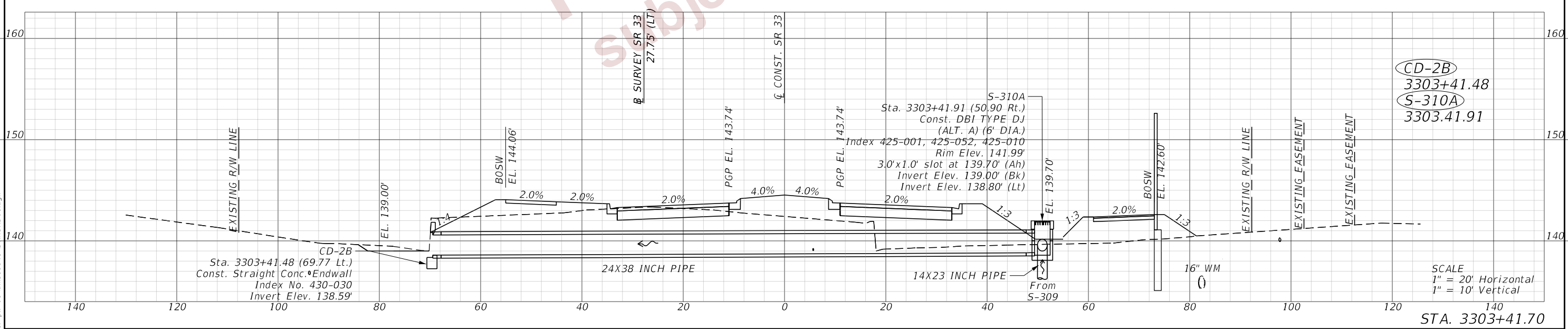
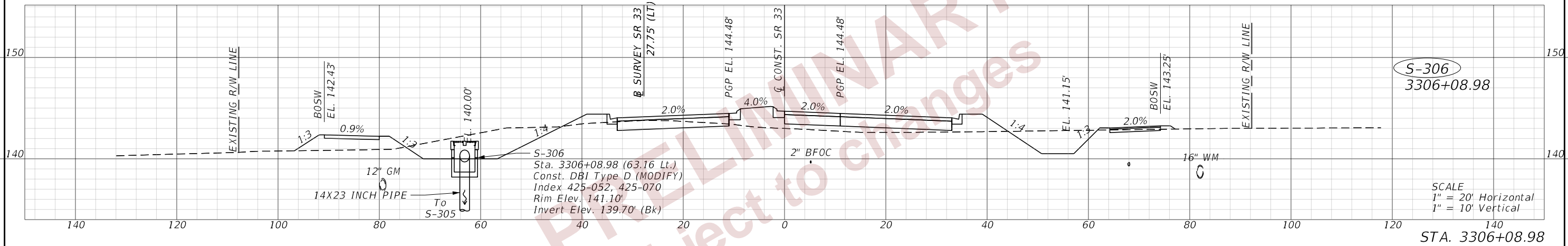
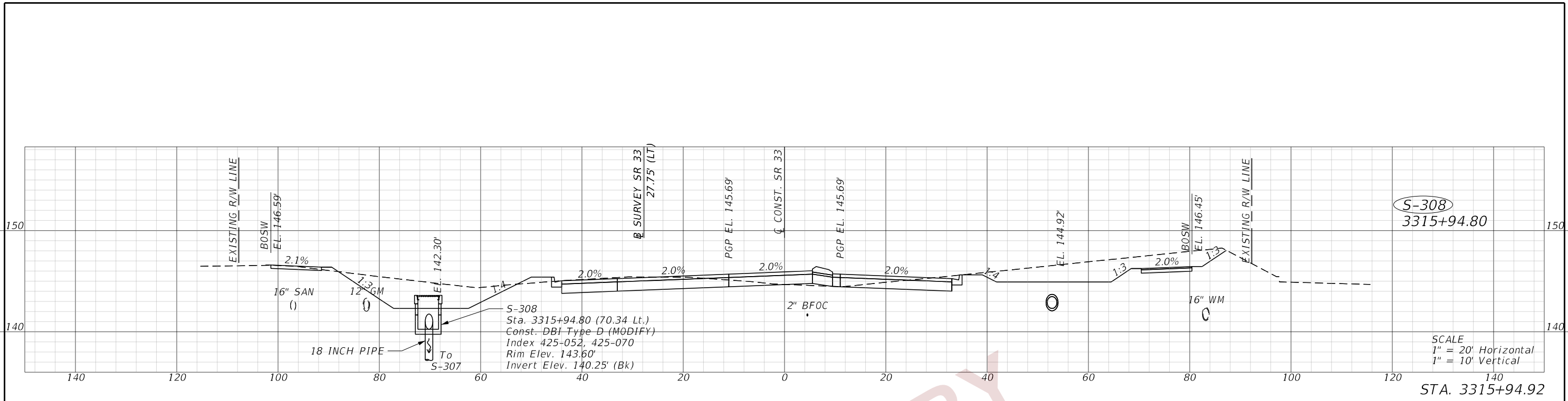
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (6) SR 33	SHEET NO. 157
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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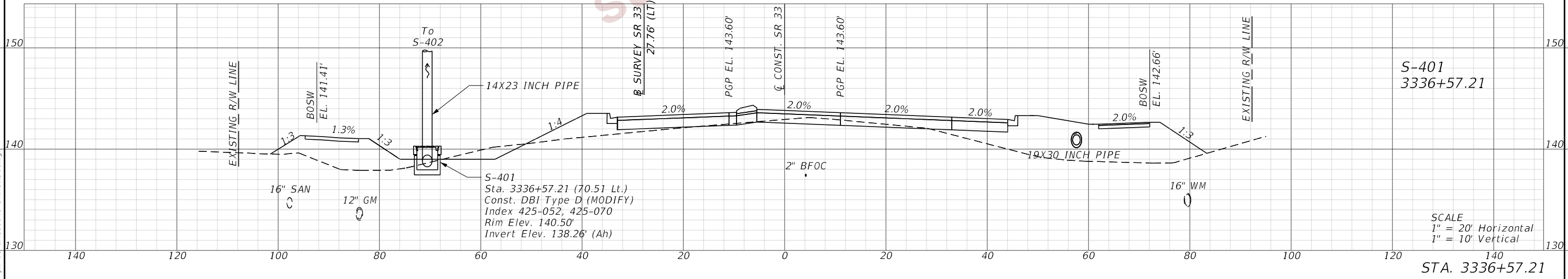
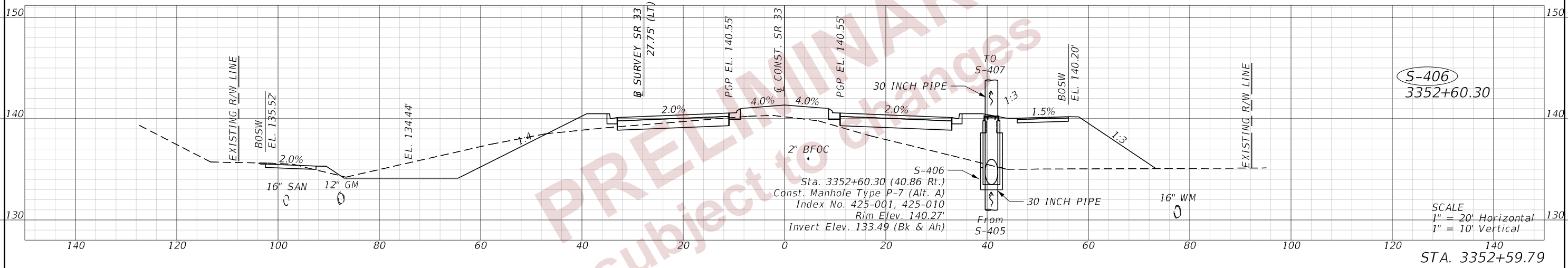


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (7) SR 33	SHEET NO. 158
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		

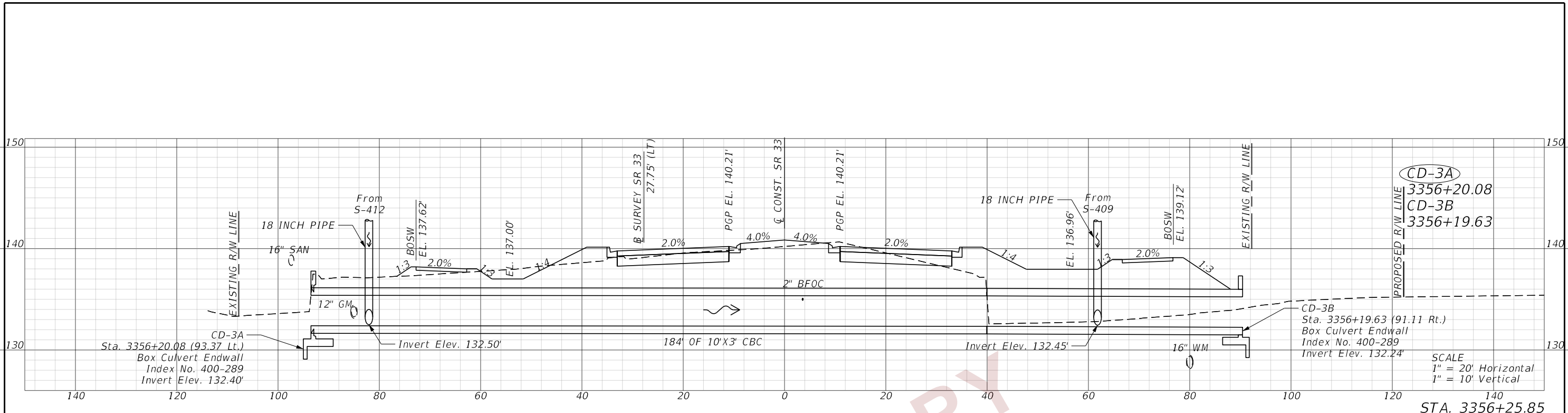
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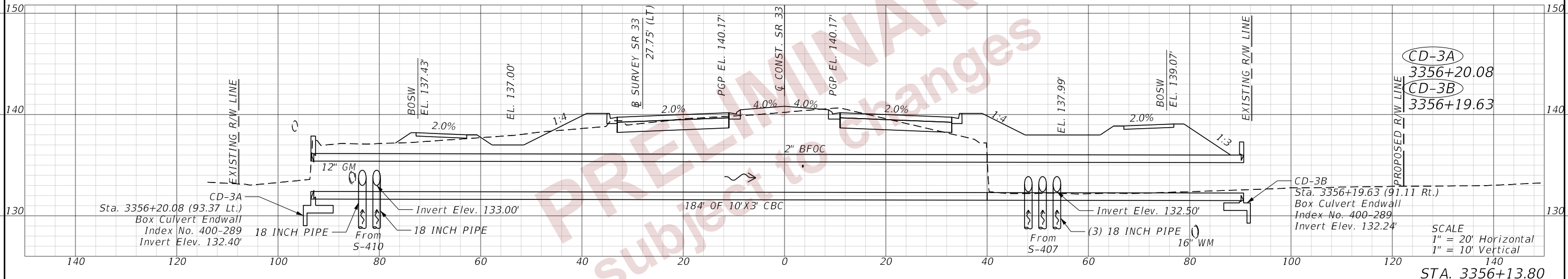


REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (8) SR 33	SHEET NO. 159
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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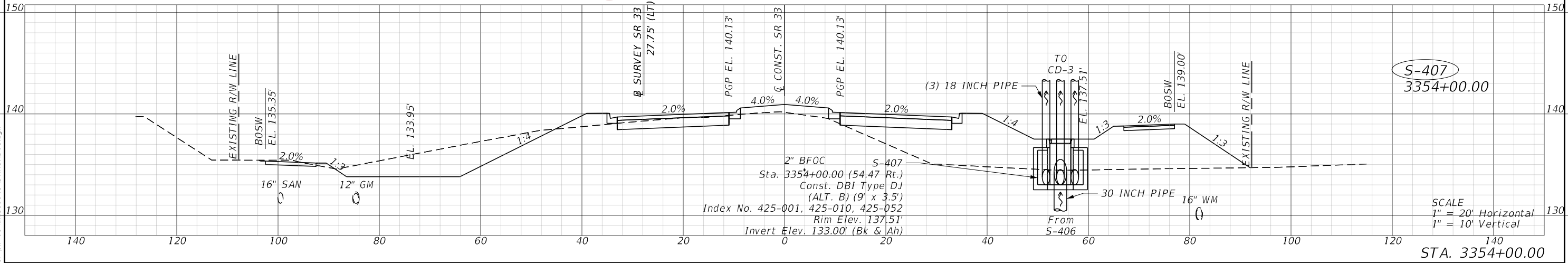
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STA. 3356+25.85



STA. 3356+13.80



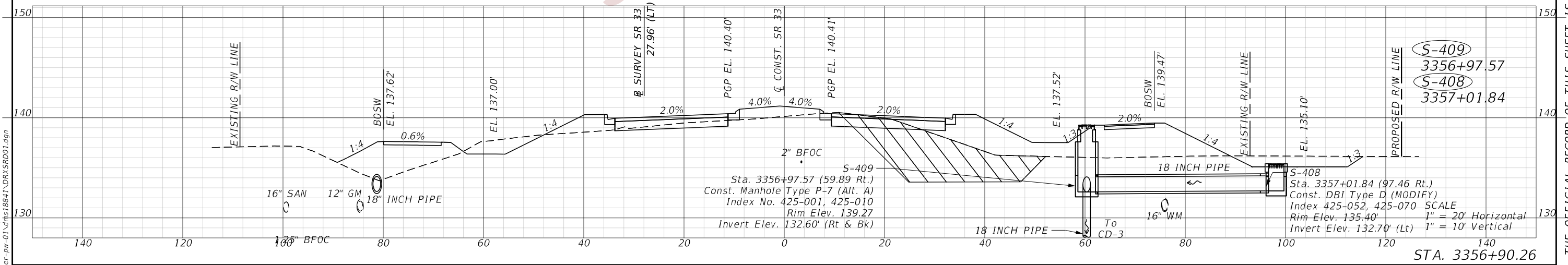
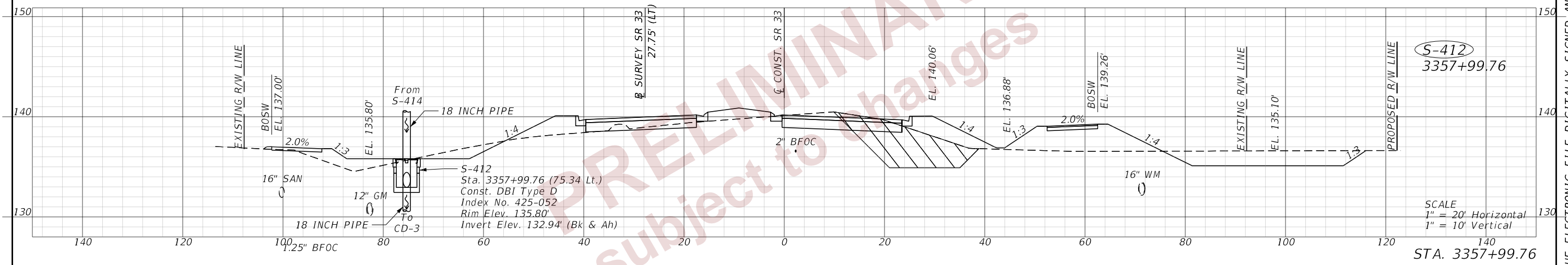
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (9) SR 33	SHEET NO. 160
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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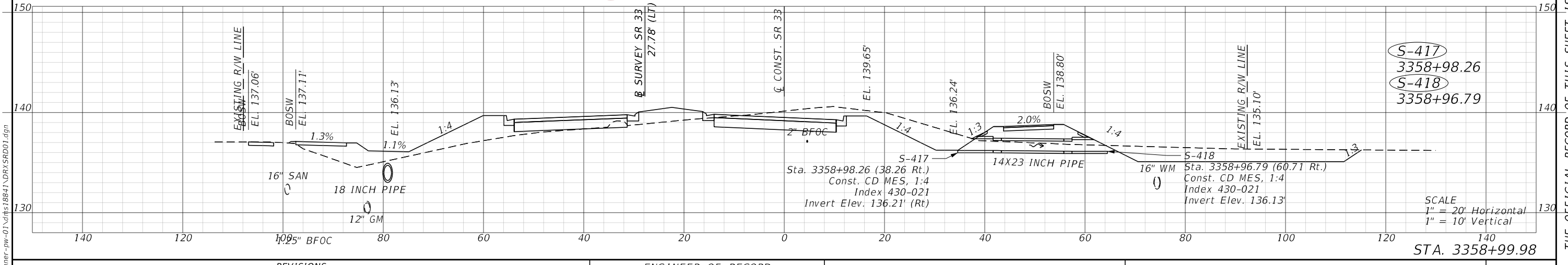
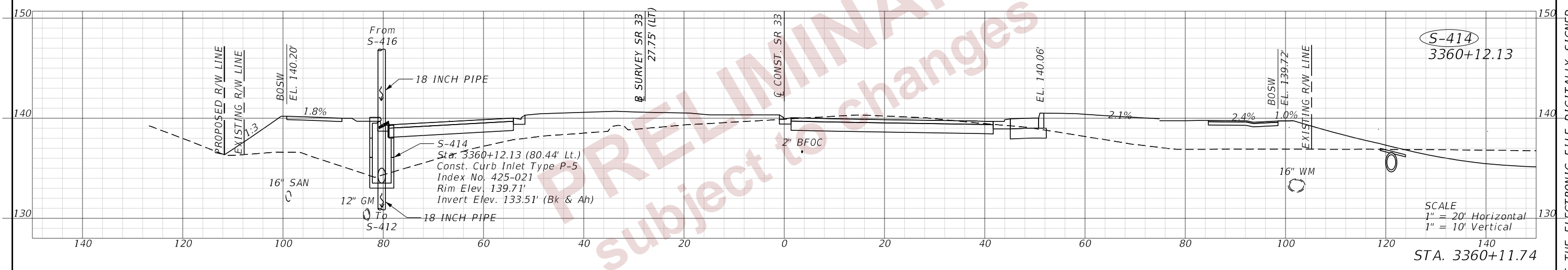


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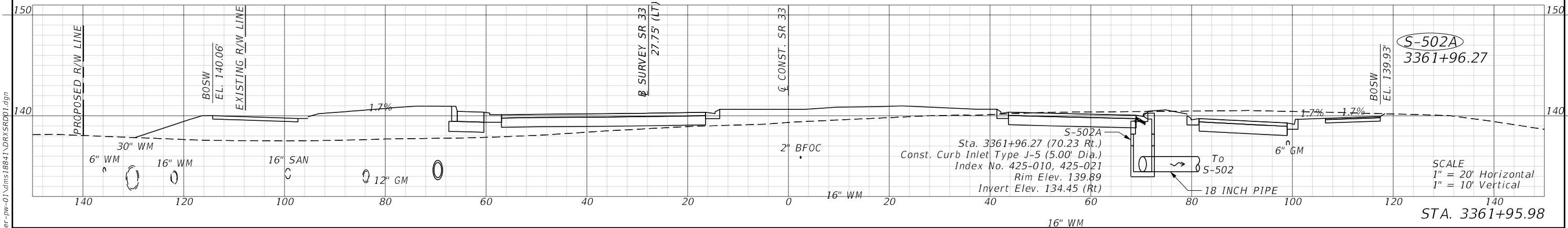
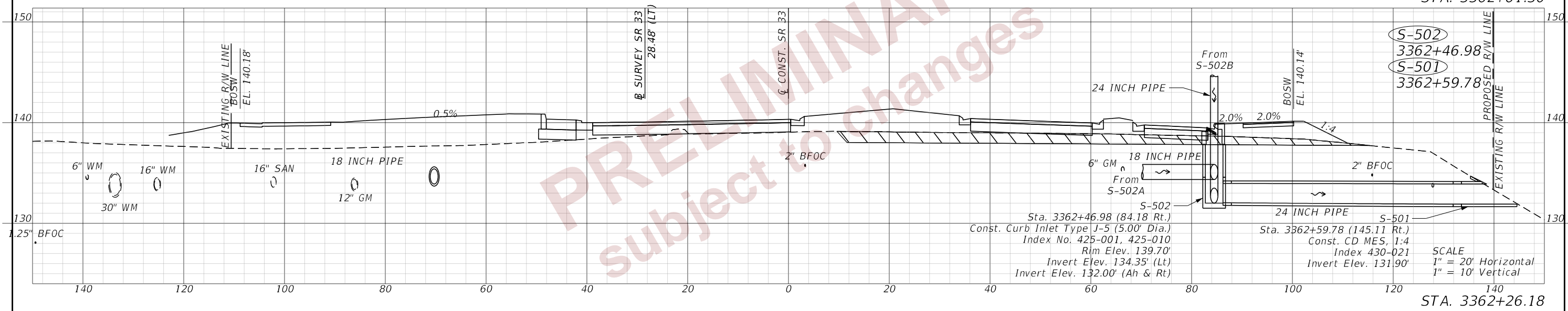
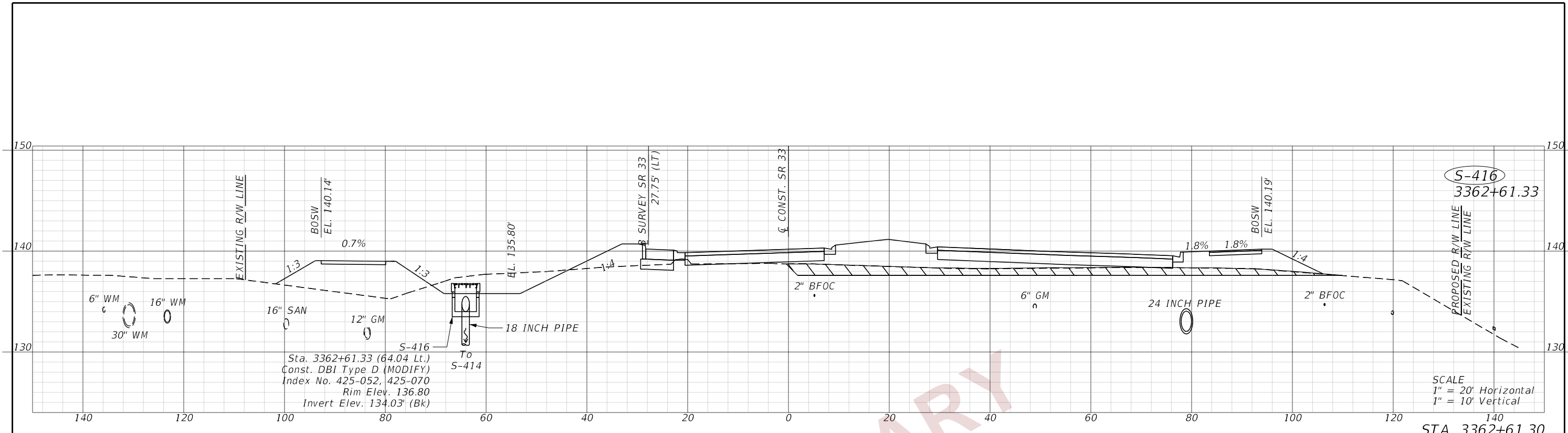
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (10) SR 33	SHEET NO. 161
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (11) SR 33	SHEET NO. 162
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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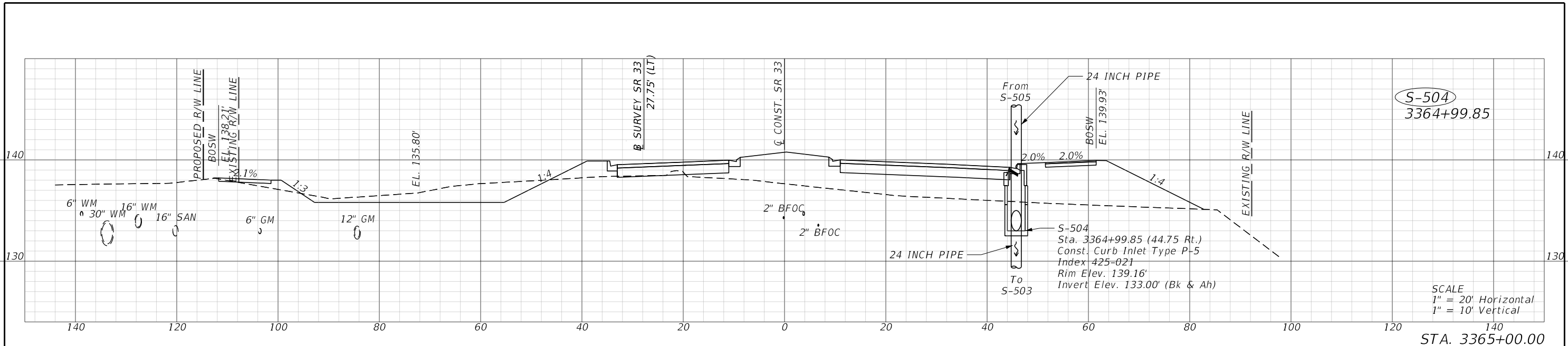
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (12) SR 33	SHEET NO. 163
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

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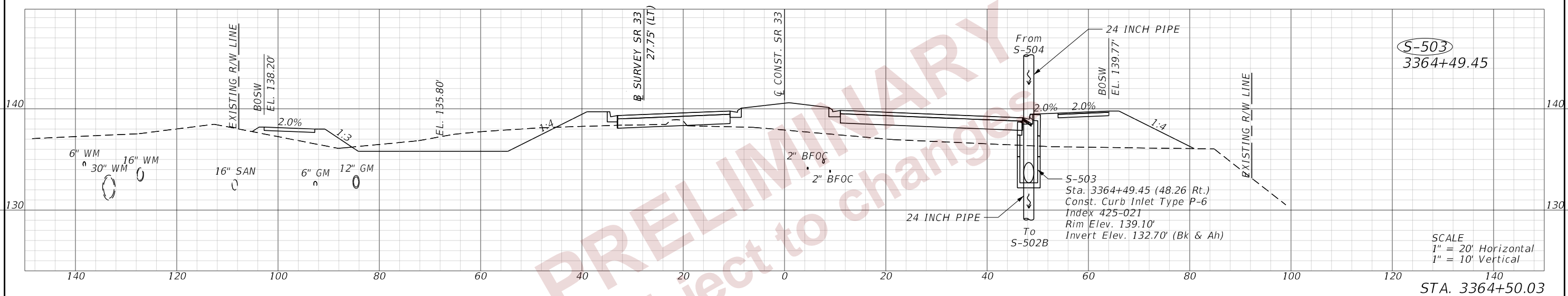
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S-504
3364+99.85

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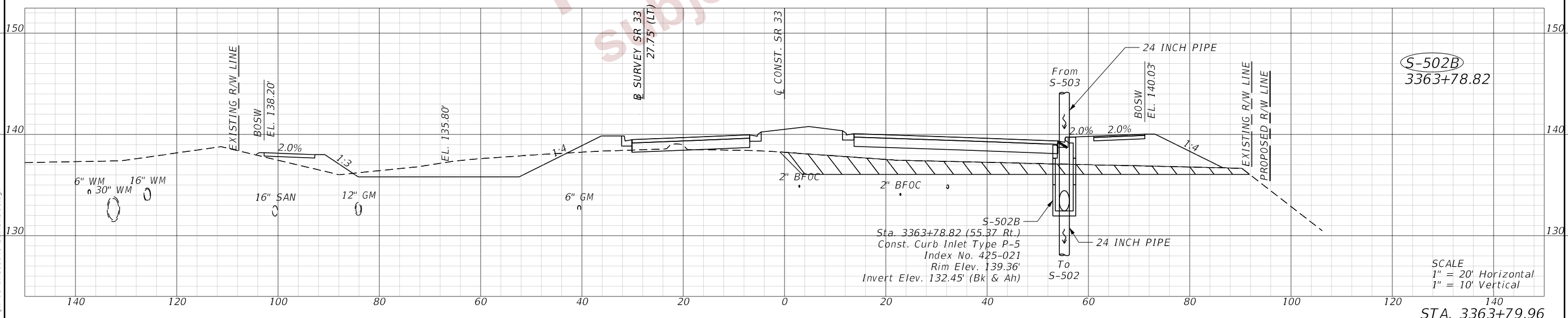
STA. 3365+00.00



S-503
3364+49.45

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STA. 3364+50.03



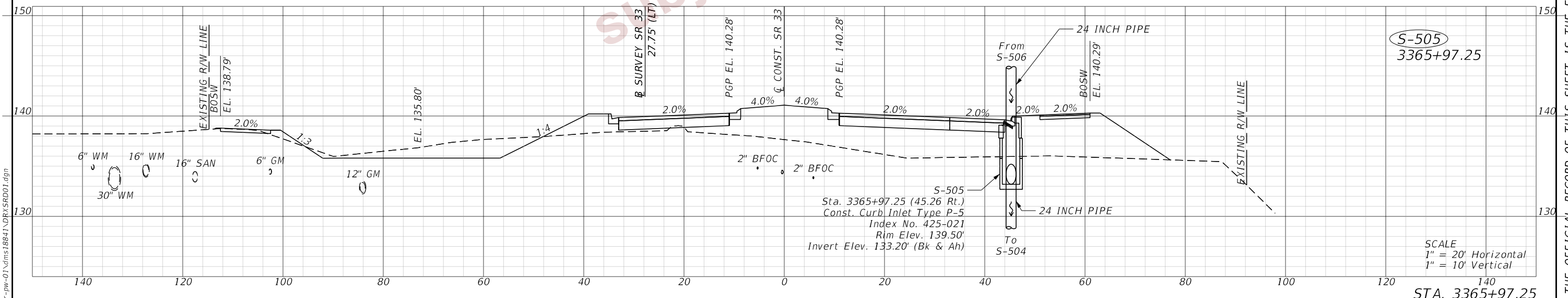
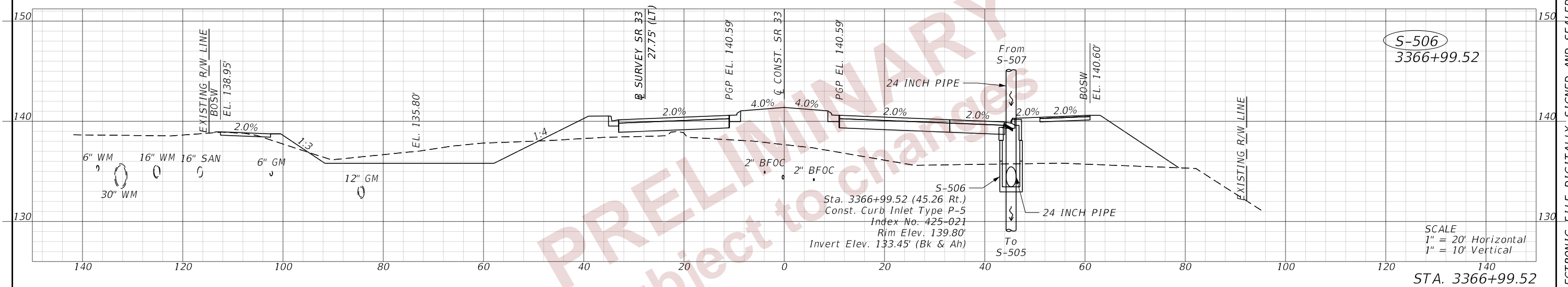
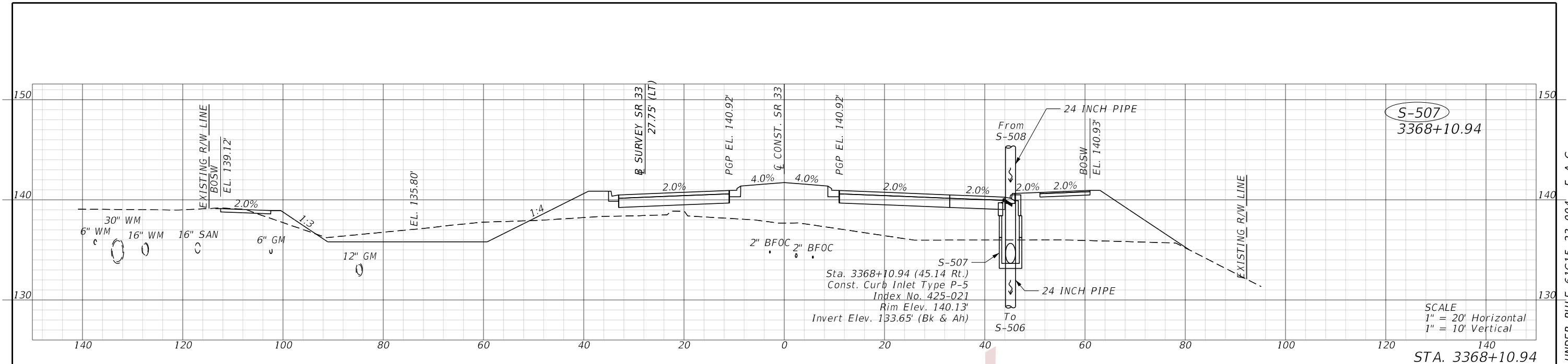
S-502B
3363+78.82

SCALE
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STA. 3363+79.96

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (13) SR 33	SHEET NO. 164
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

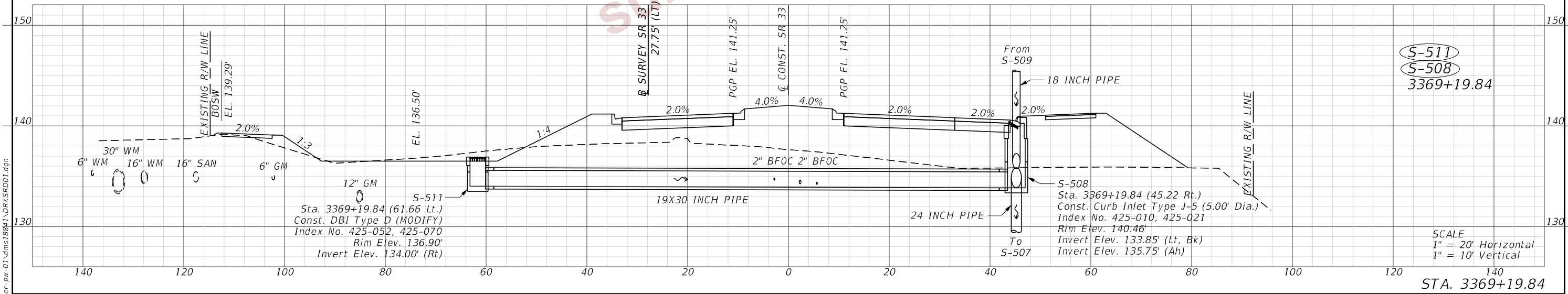
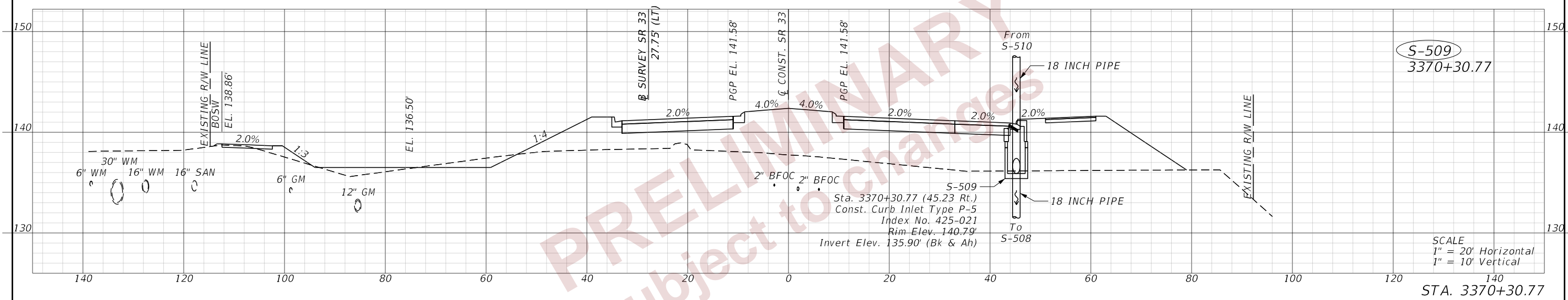
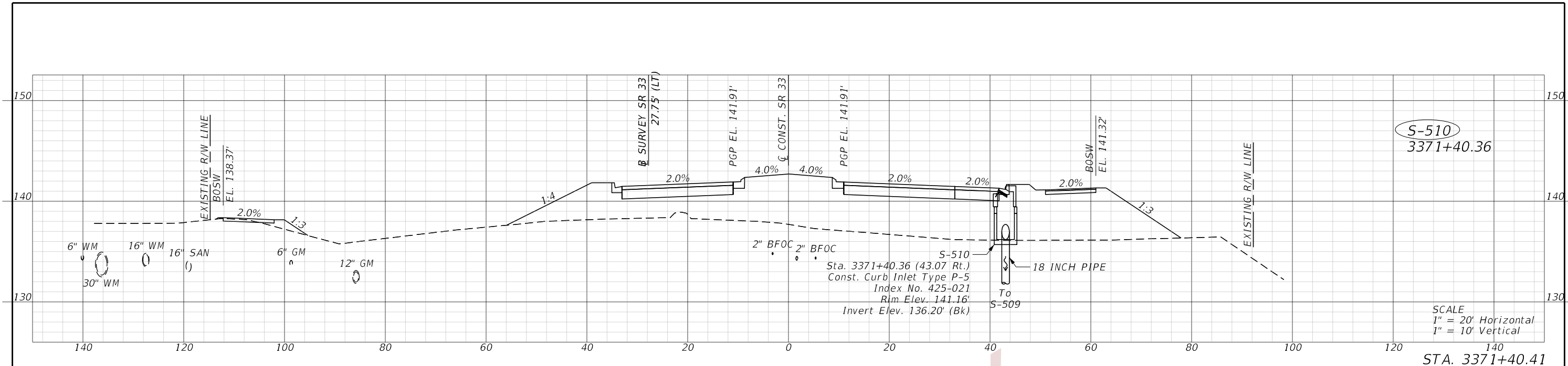
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (14) SR 33	SHEET NO. 165
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

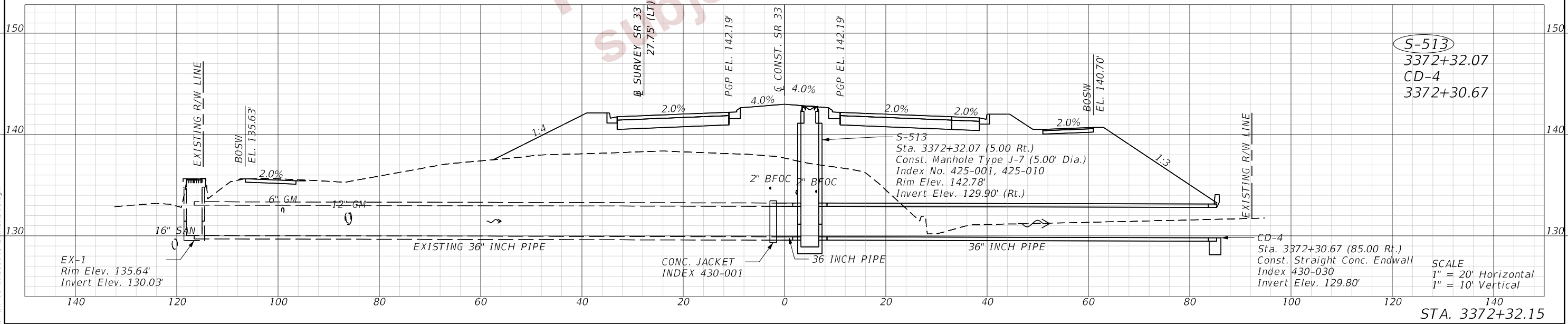
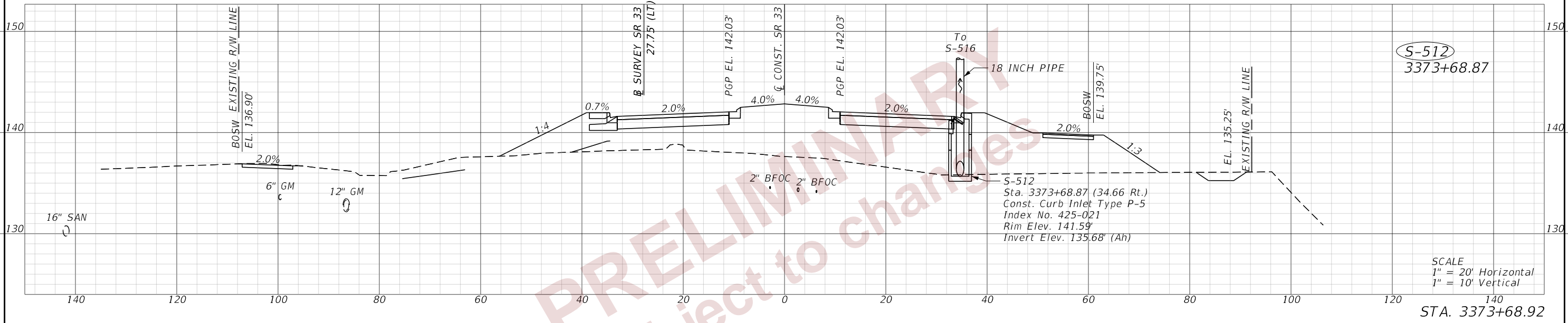


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (15) SR 33	SHEET NO. 166
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

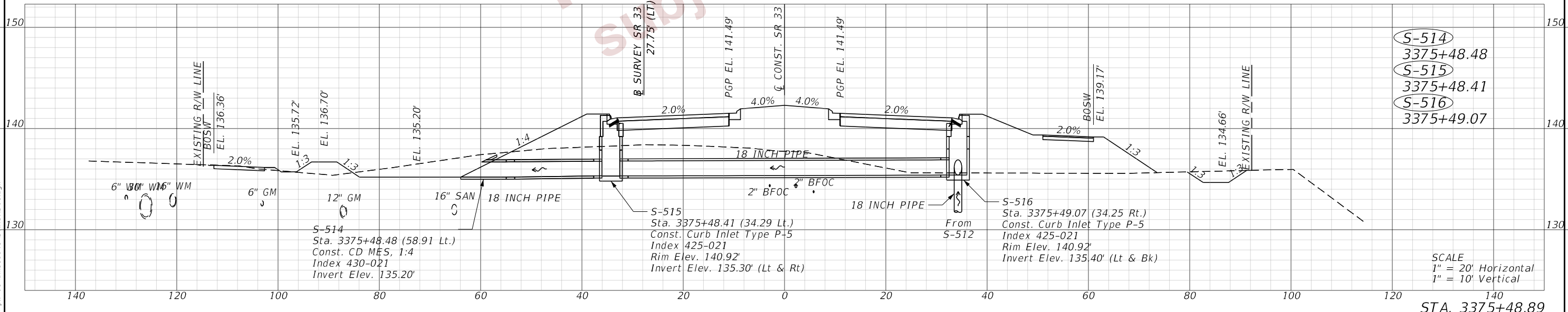
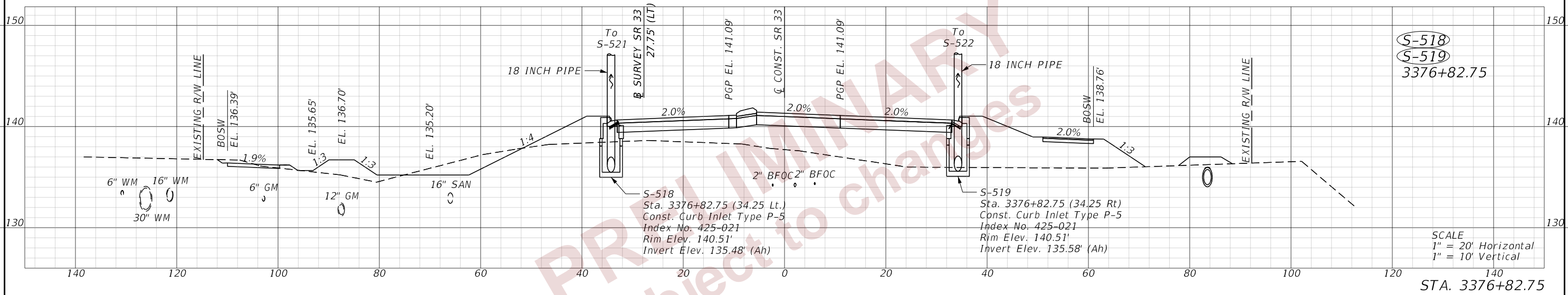
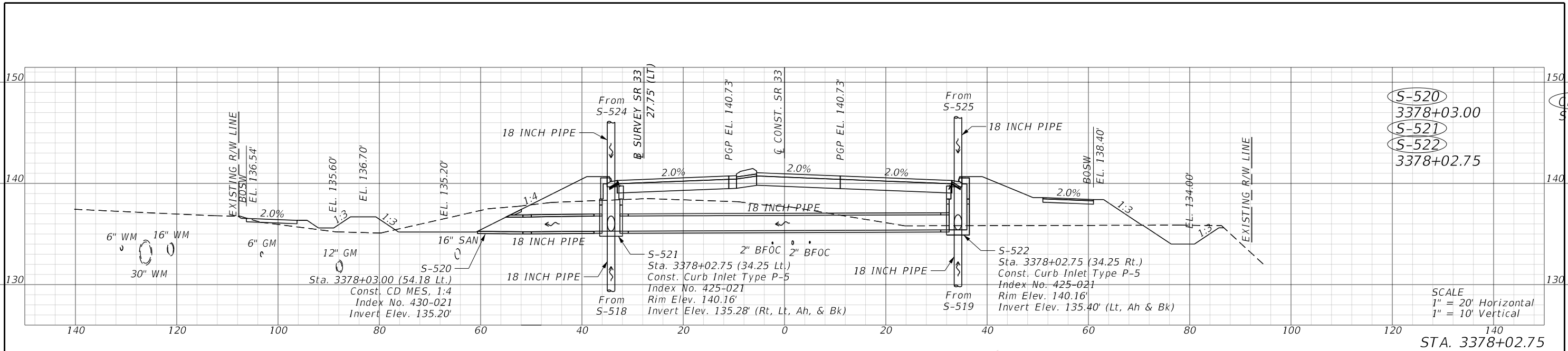
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (16) SR 33	SHEET NO. 167
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

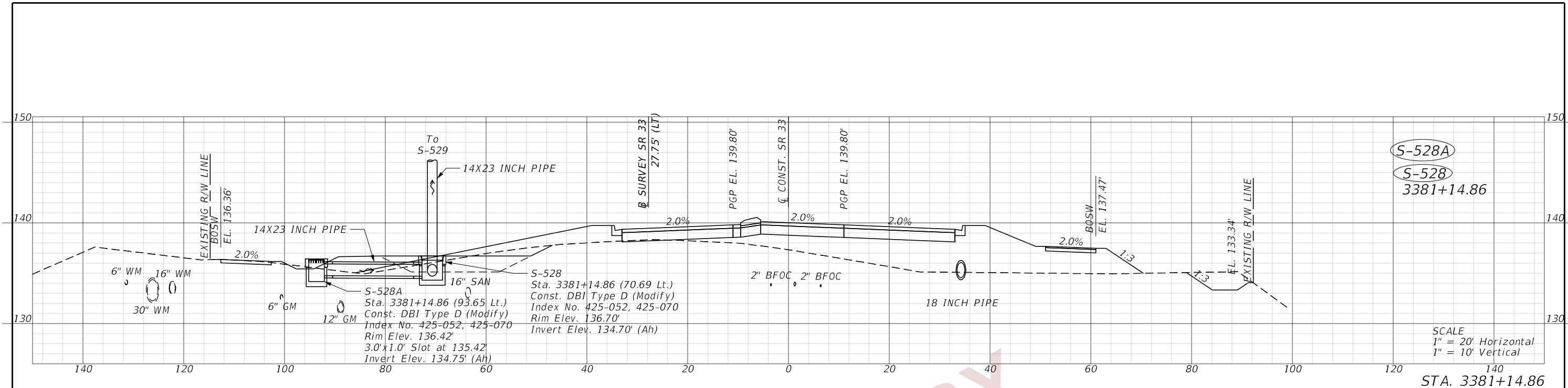


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (17) SR 33	SHEET NO. 168
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		

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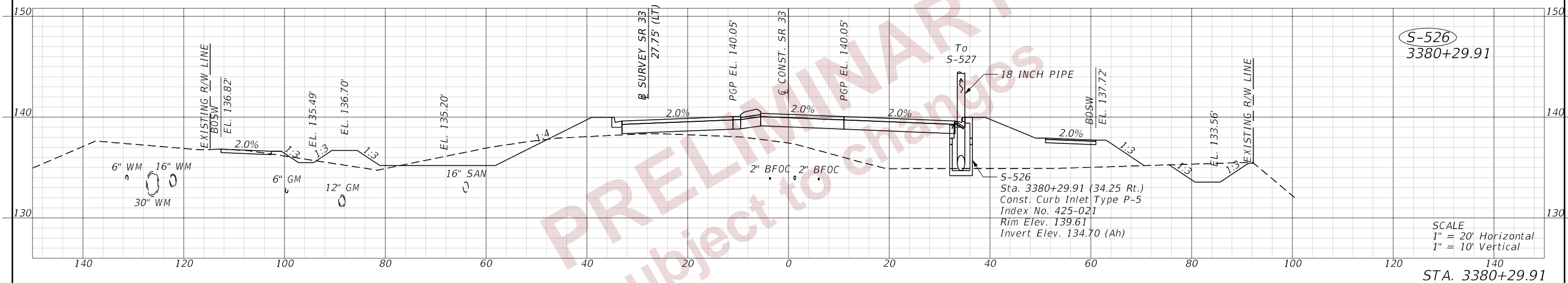
(D-3B)
 Sta. 3356+19



S-528A
S-528
3381+14.86

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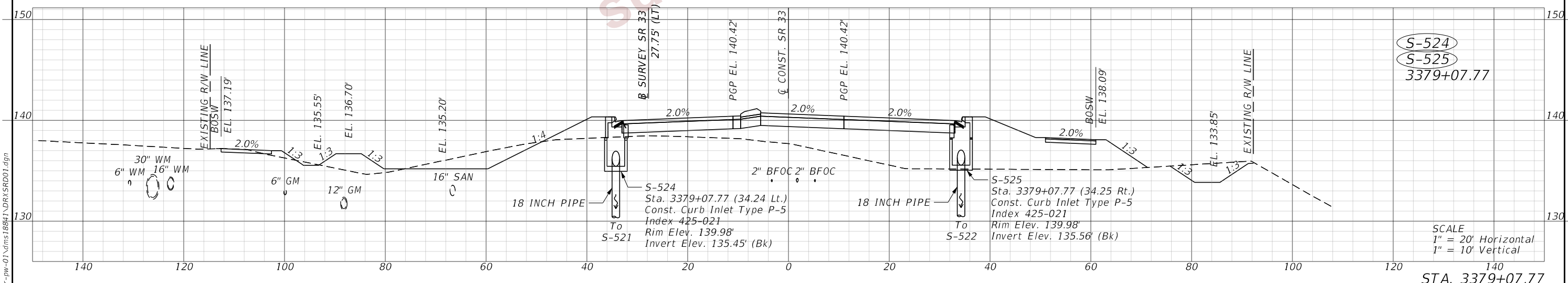
STA. 3381+14.86



S-526
3380+29.91

SCALE
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1" = 10' Vertical

STA. 3380+29.91



S-524
S-525
3379+07.77

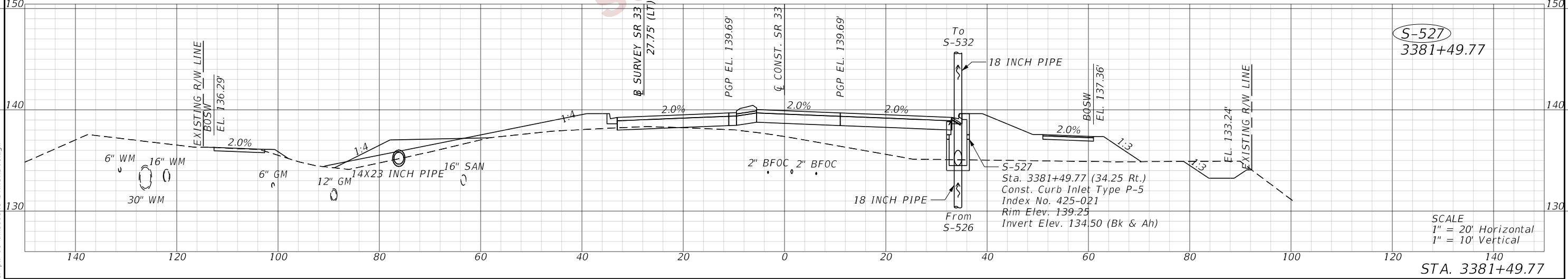
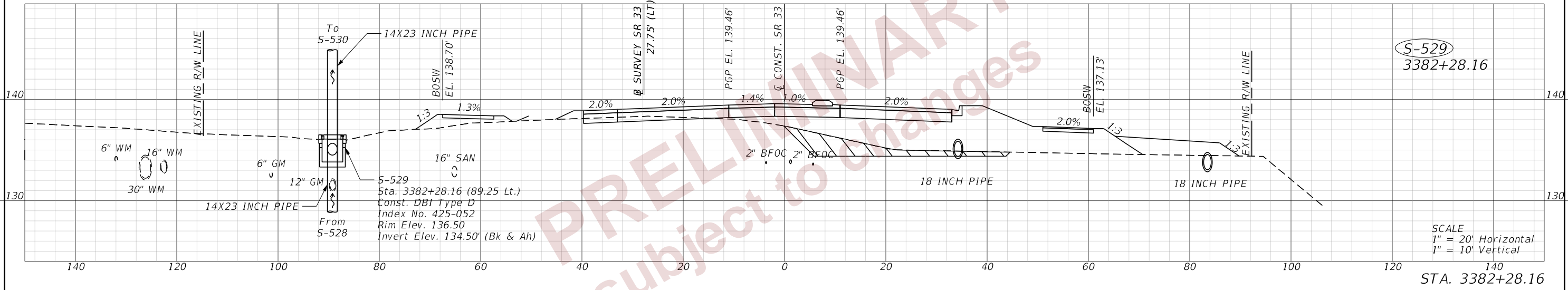
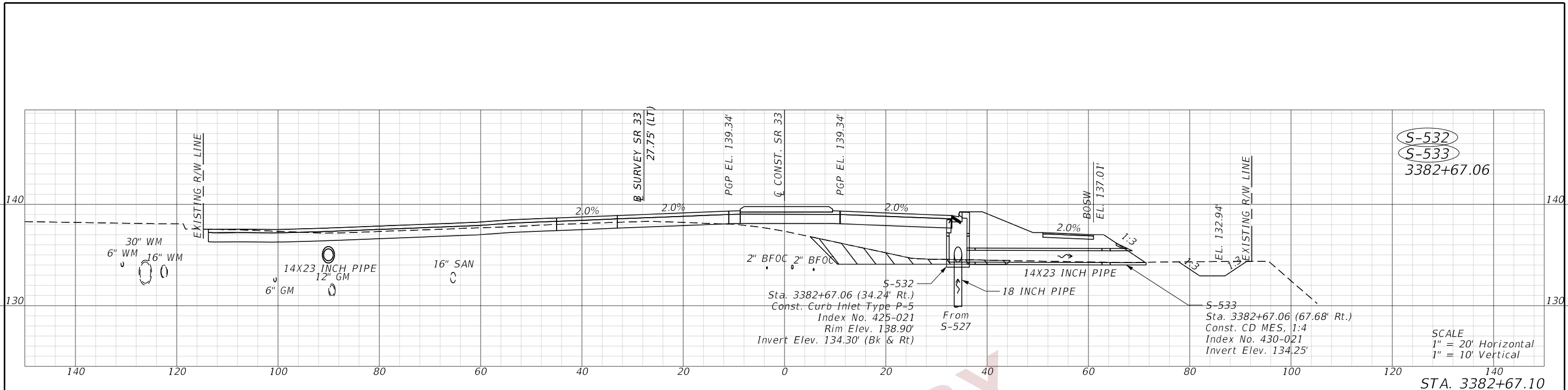
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STA. 3379+07.77

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (18) SR 33	SHEET NO. 169
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

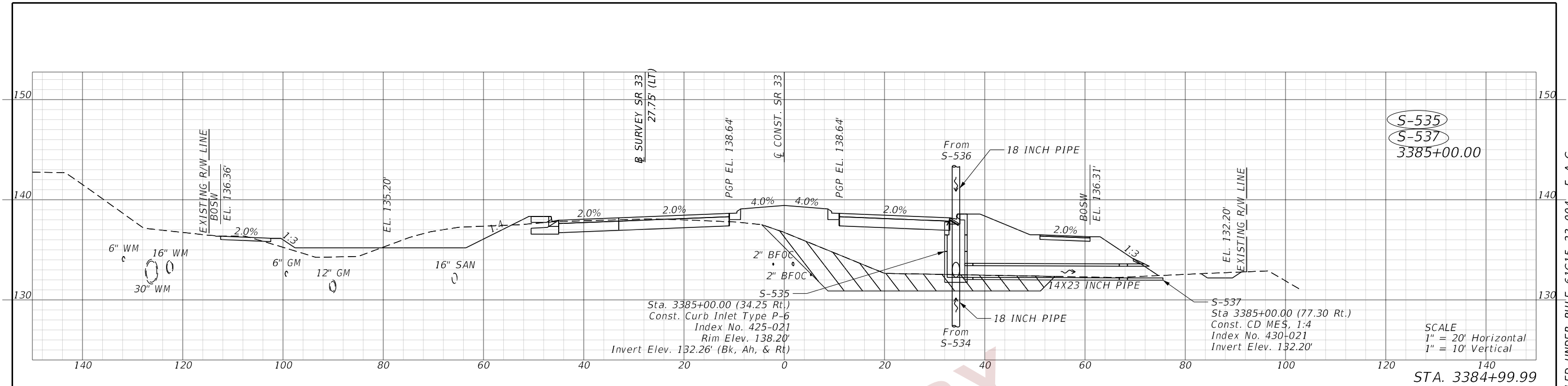
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (19) SR 33	SHEET NO. 170
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

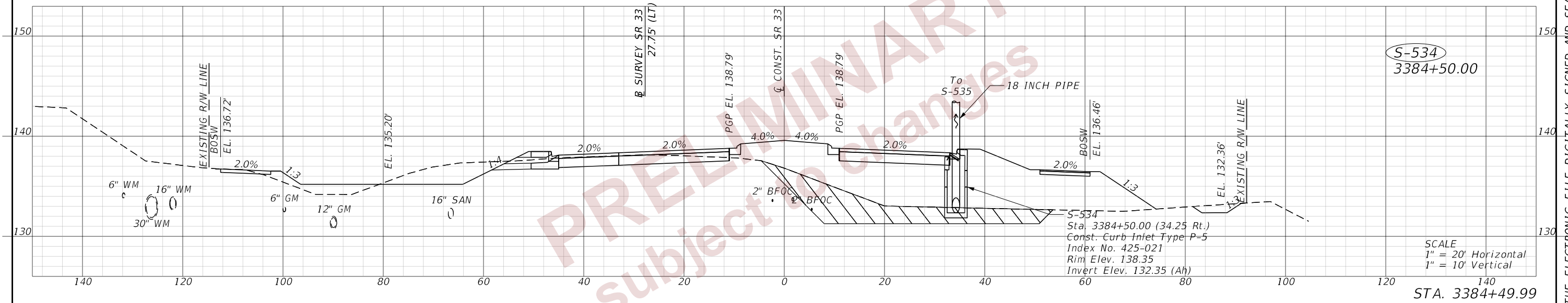
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-535
S-537
3385+00.00

SCALE
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1" = 10' Vertical

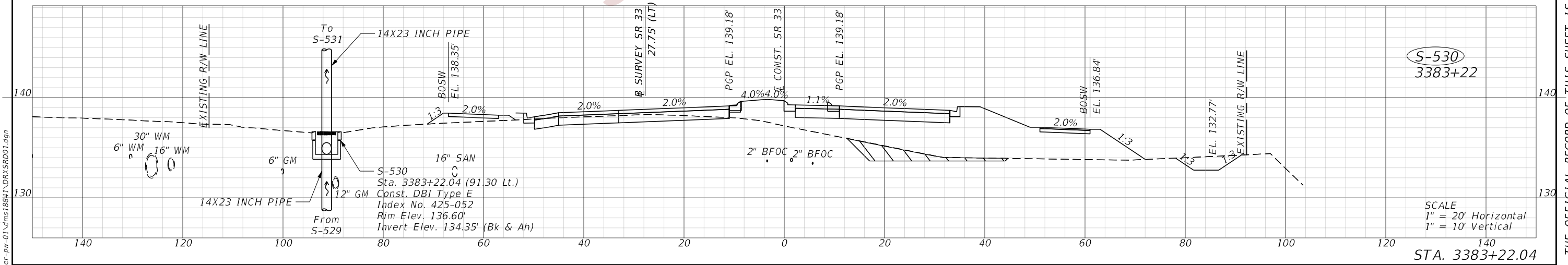
STA. 3384+99.99



S-534
3384+50.00

SCALE
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STA. 3384+49.99



S-530
3383+22

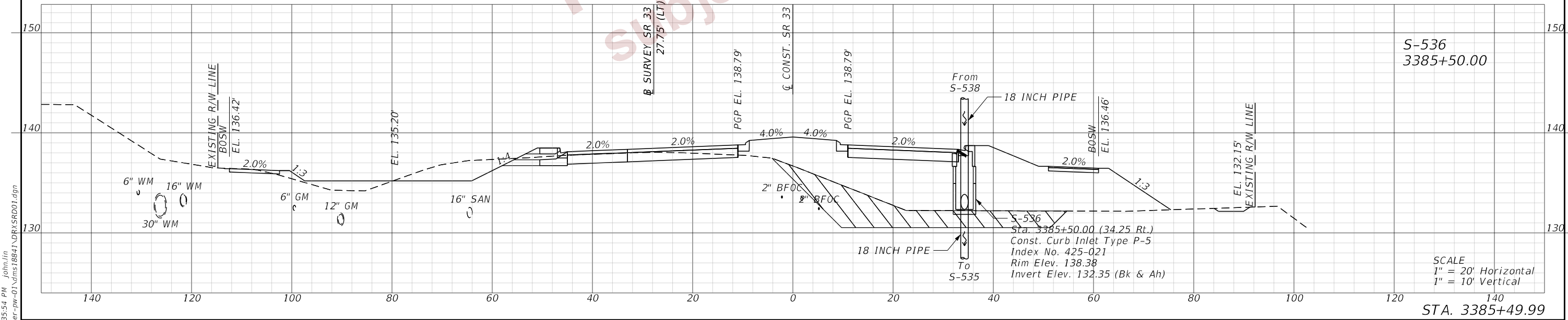
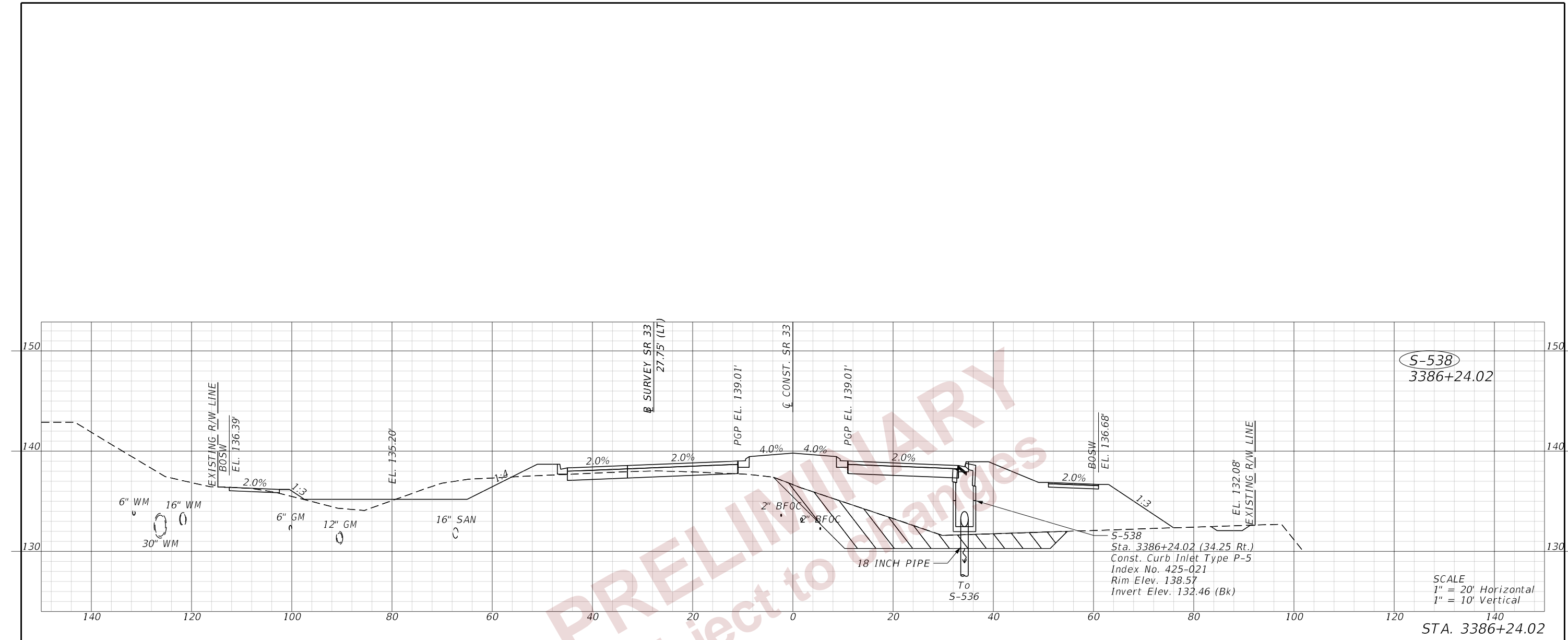
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STA. 3383+22.04

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (20) SR 33	SHEET NO. 171
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

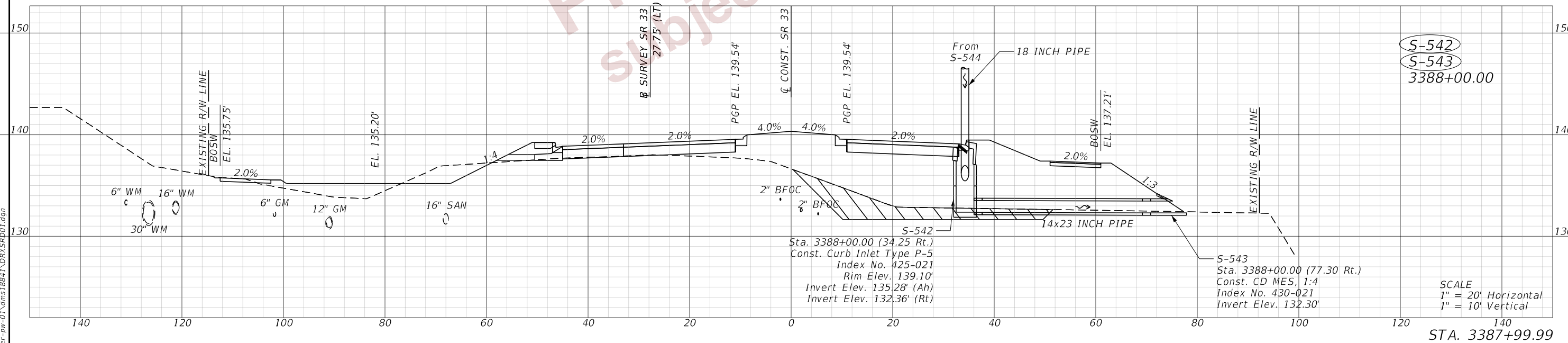
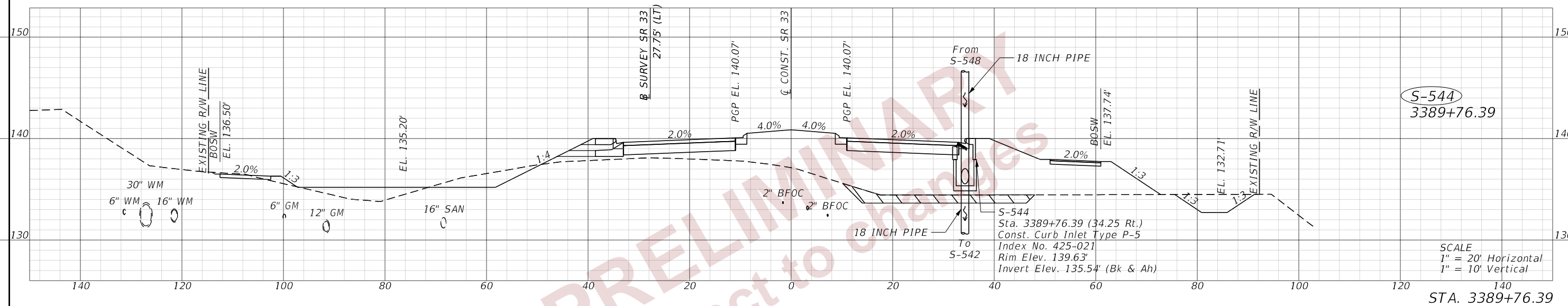


REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (21) SR 33	SHEET NO. 172
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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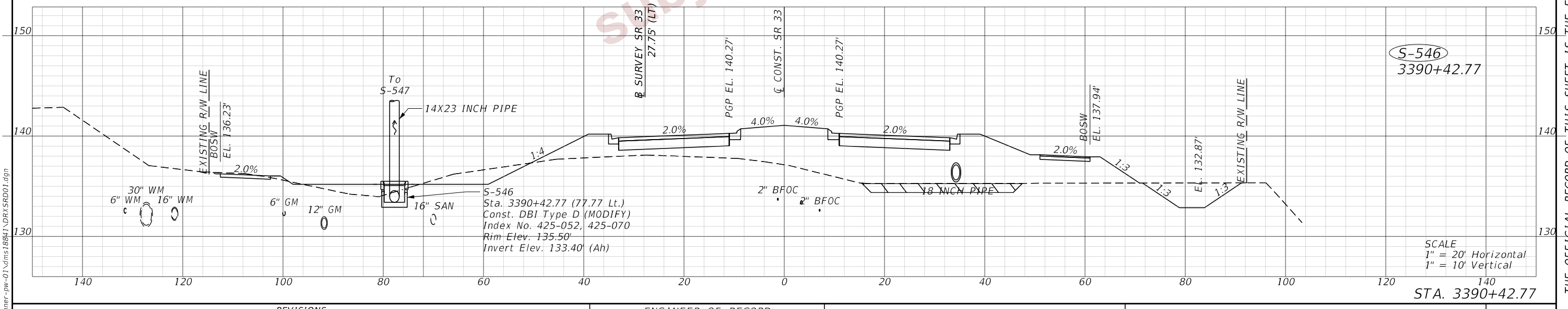
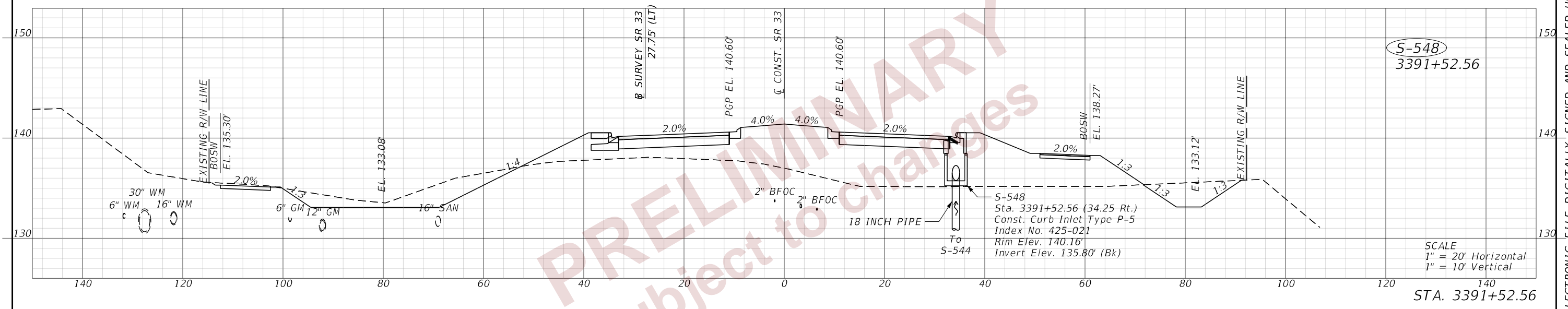
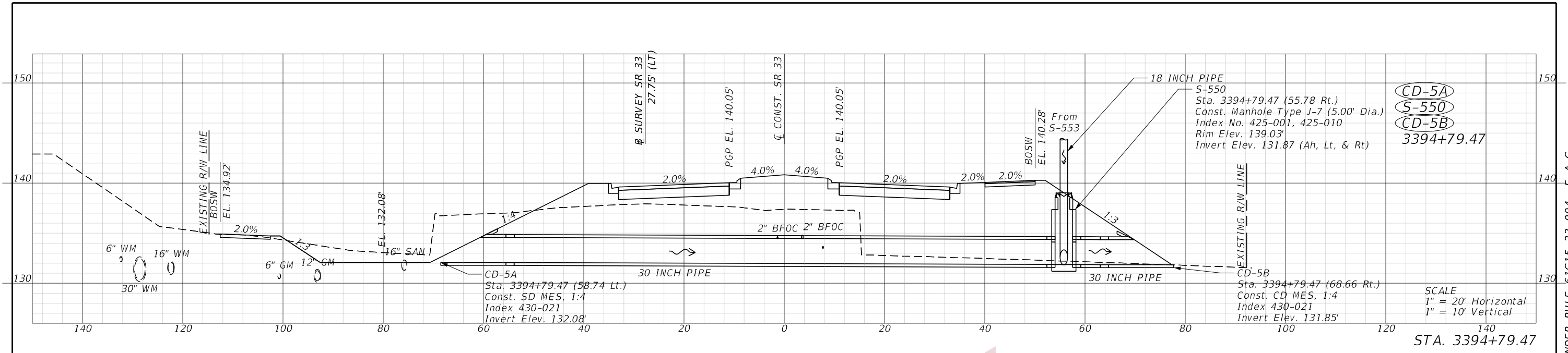
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (22) SR 33	SHEET NO. 173
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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

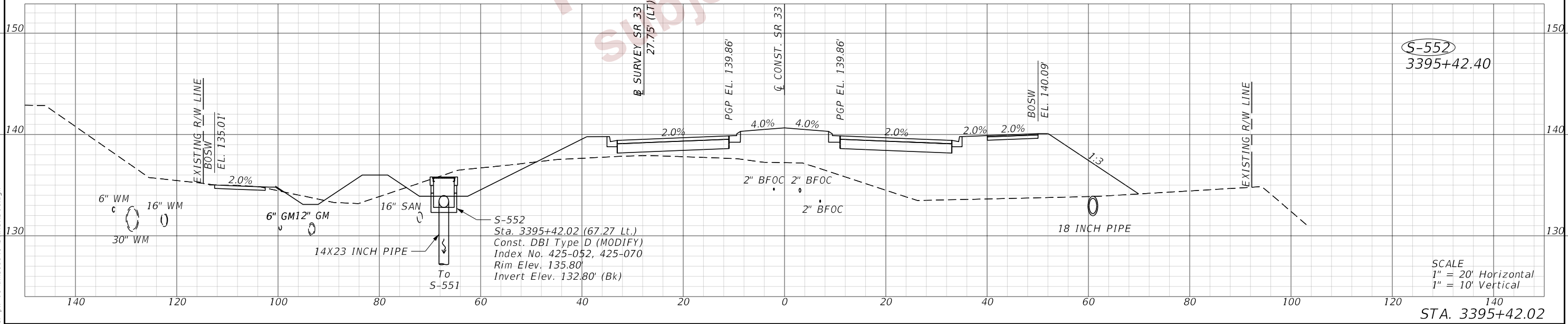
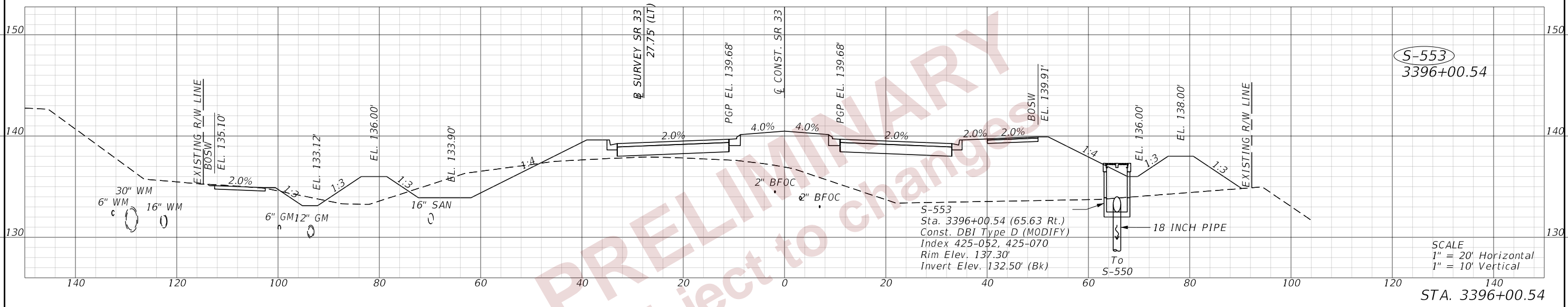


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (23) SR 33	SHEET NO. 174
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

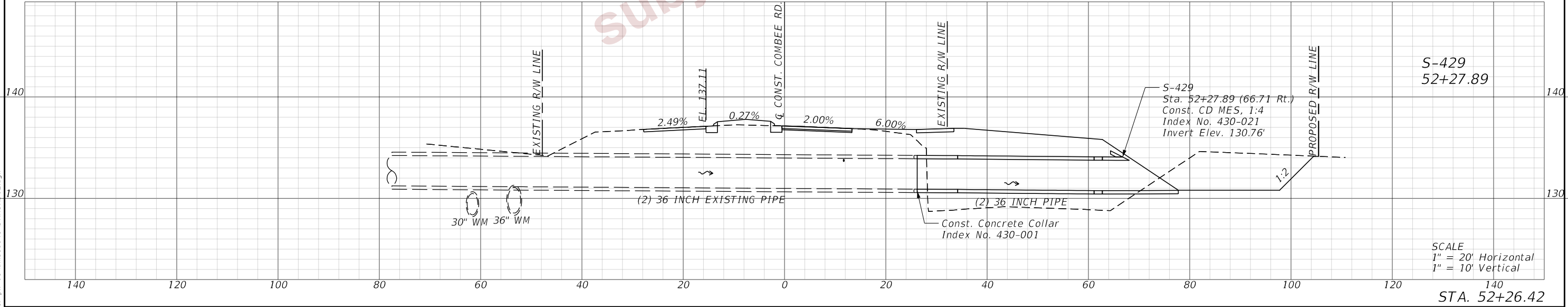
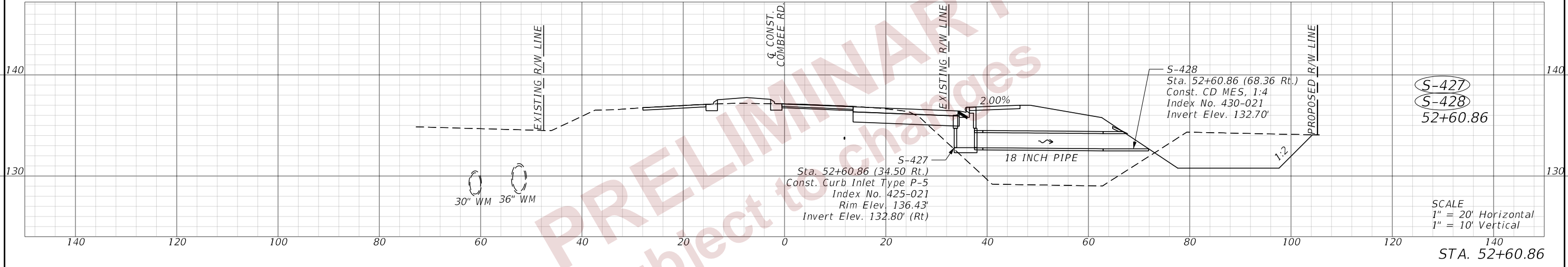
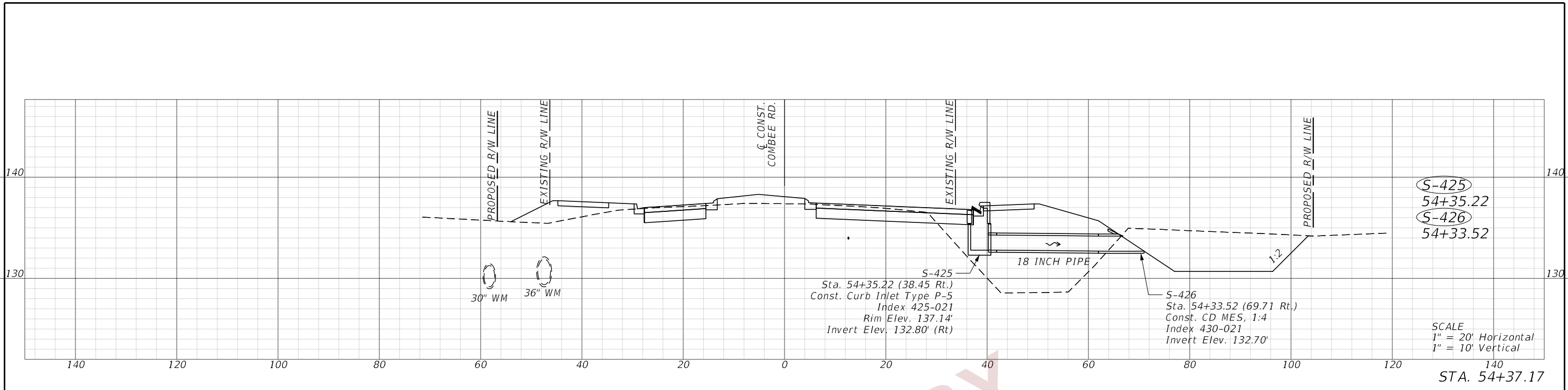
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (24) SR 33	SHEET NO. 175
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

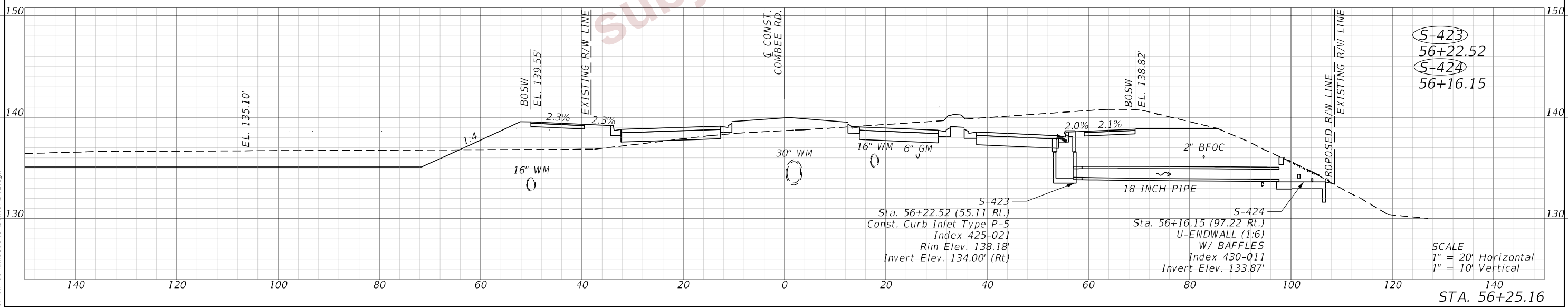
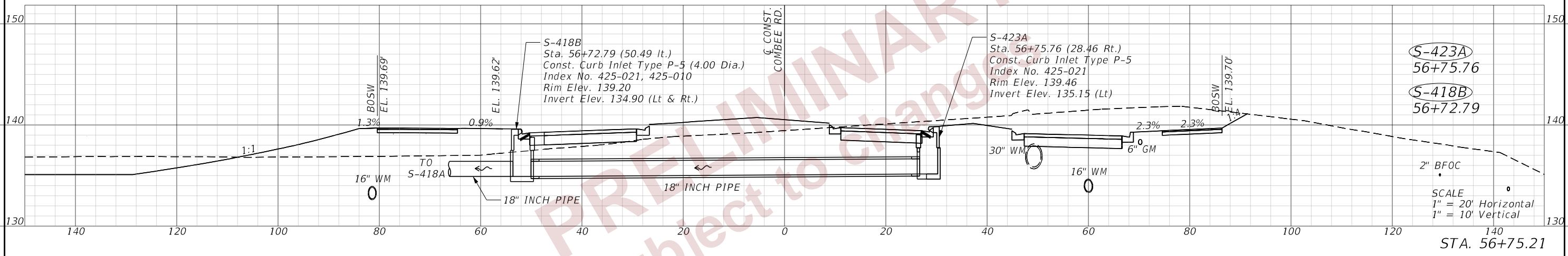
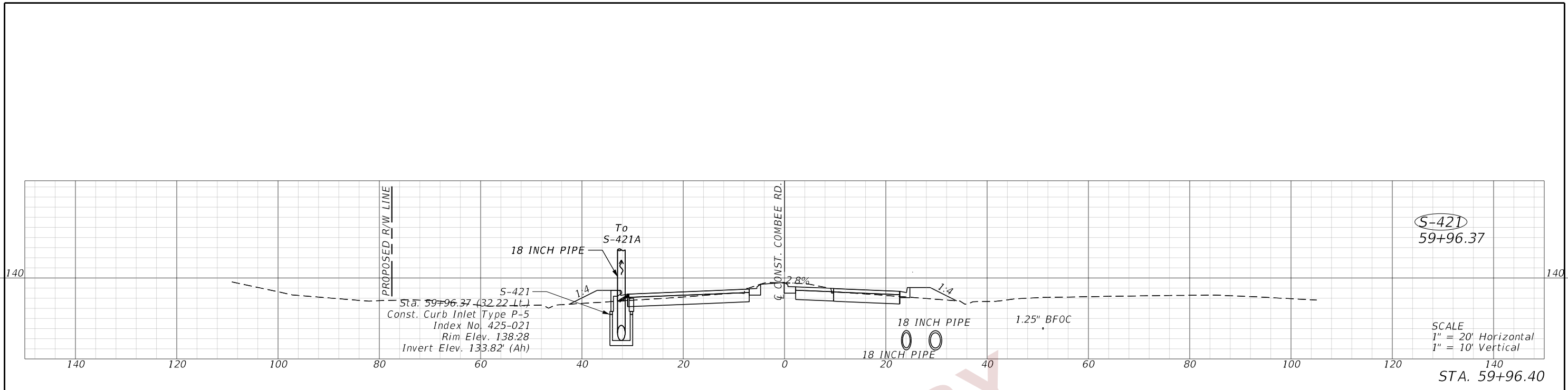
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (25) COMBEE RD	SHEET NO. 176
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		

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

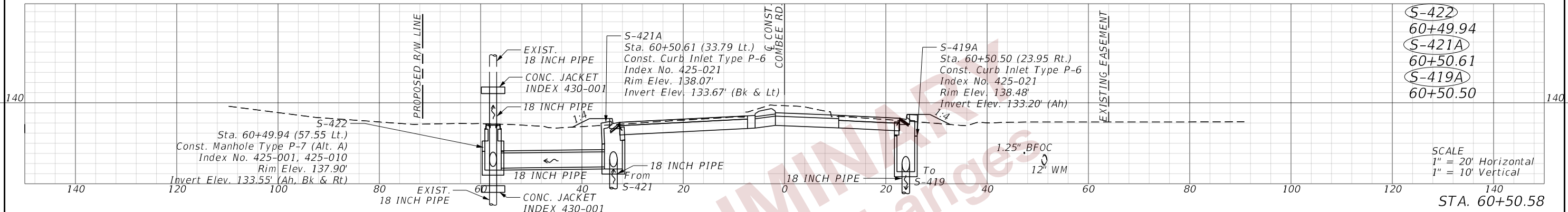


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (26) COMBEE RD	SHEET NO. 177
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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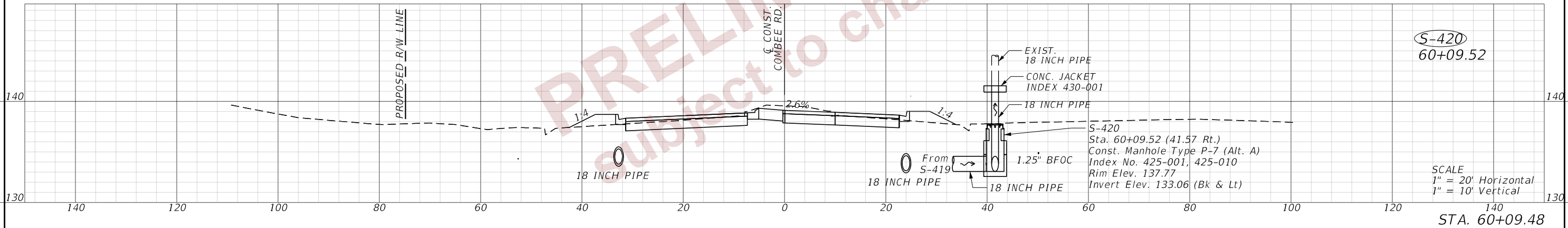
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S-422
60+49.94
S-421A
60+50.61
S-419A
60+50.50

SCALE
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1" = 10' Vertical

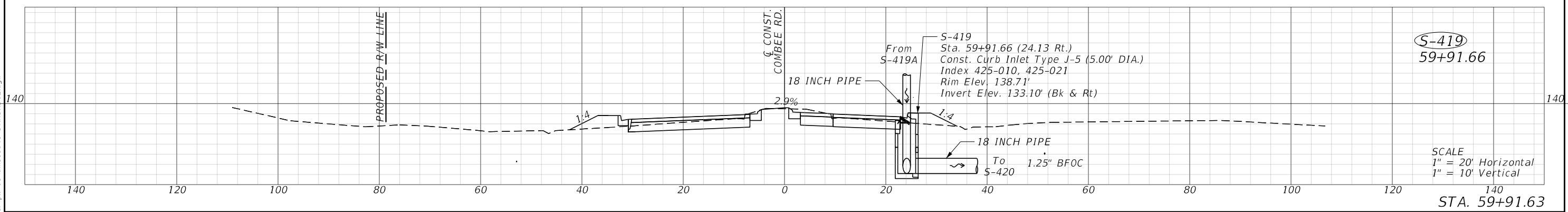
STA. 60+50.58



S-420
60+09.52

SCALE
1" = 20' Horizontal
1" = 10' Vertical

STA. 60+09.48



S-419
59+91.66

SCALE
1" = 20' Horizontal
1" = 10' Vertical

STA. 59+91.63

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES (27) COMBEE RD	SHEET NO. 178
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

2/29/2024 7:30:48 PM CTOMPKINS
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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-101	SR33_CLCONST	3266+11.46	-85.05	MANHOLE TYPE P-7	4.00' DIA.	425-001 425-010	ALTERNATE A	143.00	139.09	(In) P-102 (Out) P-101
S-102	SR33_CLCONST	3266+53.82	-68.34	DBI TYPE D	4.08' x 3.08'	425-052 425-070	MODIFY	141.50	139.20	(Out) P-102
F-101	SR33_CLCONST	3266+50.05	-44.00	OPEN FLUME		520-010	X=16.5	143.50		
F-101A	SR33_CLCONST	3267+40.11	-44.00	OPEN FLUME		520-010	X=14.4'	143.77		
F-102	SR33_CLCONST	3266+81.27	33.06	OPEN FLUME		520-010	X=16.1'	143.81		
F-103	SR33_CLCONST	3268+30.36	-44.01	OPEN FLUME		520-010	X=15.6'	144.04		
F-104	SR33_CLCONST	3268+31.57	33.07	OPEN FLUME		520-010	X=18.5'	144.26		
F-105	SR33_CLCONST	3269+80.40	-33.05	OPEN FLUME		520-010	X=19.9'	144.71		
F-106	SR33_CLCONST	3269+81.51	33.08	OPEN FLUME		520-010	X=17.9'	144.71		
F-107	SR33_CLCONST	3271+30.56	-33.04	OPEN FLUME		520-010	X=20.9'	144.88		
F-108	SR33_CLCONST	3271+31.31	32.50	OPEN FLUME		520-010	X=18.1'	144.89		
F-109	SR33_CLCONST	3272+80.49	-33.07	OPEN FLUME		520-010	X=26.2'	144.43		
F-110	SR33_CLCONST	3272+60.06	33.00	OPEN FLUME		520-010	X=19.5'	144.50		
F-110A	SR33_CLCONST	3273+60.03	33.00	OPEN FLUME		520-010	X=18.3'	144.19		
F-111	SR33_CLCONST	3274+30.74	-33.06	OPEN FLUME		520-010	X=17.3'	143.98		
F-112	SR33_CLCONST	3274+31.45	33.03	OPEN FLUME		520-010	X=17.4'	143.98		
S-105	SR33_CLCONST	3274+49.77	66.53	DBI TYPE D	4.08' x 3.08'	425-052 425-070	MODIFY	141.50	139.25	(Out) P-105
S-104	SR33_CLCONST	3275+72.81	-67.72	DBI TYPE D	4.08' x 3.08'	425-052 425-070	MODIFY	142.25	139.70	(Out) P-104
F-113	SR33_CLCONST	3276+22.45	47.00	OPEN FLUME		520-010	X=4.7'	143.12		
F-114	SR33_CLCONST	3276+59.98	-32.98	CLOSED FLUME		425-061	X=12.1',Y=5.0'	143.29		
F-114A	SR33_CLCONST	3277+60.67	-33.00	CLOSED FLUME		425-061	X=10.9',Y=5.0'	142.99		
F-115	SR33_CLCONST	3278+10.79	-33.00	CLOSED FLUME		425-061	X=10.5',Y=5.0'	142.84		
F-116	SR33_CLCONST	3277+31.61	33.08	OPEN FLUME		520-010	X=9.7'	143.07		
F-116A	SR33_CLCONST	3278+50.00	33.00	OPEN FLUME		520-010	X=8.4'	142.72		
F-117	SR33_CLCONST	3279+00.00	33.00	OPEN FLUME		520-010	X=8.0'	142.57		
F-117A	SR33_CLCONST	3279+50.00	33.00	OPEN FLUME		520-010	X=7.9'	142.72		
F-118	SR33_CLCONST	3279+06.17	-33.00	OPEN FLUME		520-010	X=0.0'	145.59		
F-118A	SR33_CLCONST	3279+50.00	-33.00	OPEN FLUME		520-010	X=39.7'	142.72		
S-108	SR33_CLCONST	3279+22.63	-40.75	DBI TYPE D	6.00' DIA.	425-052 425-010 425-001	J-BOTTOM	142.66	140.15	(In) P-109 (Out) P-108
F-119	SR33_CLCONST	3280+30.92	-33.05	OPEN FLUME		520-010	X=11.4'	142.96		
F-120	SR33_CLCONST	3280+31.59	33.05	OPEN FLUME		520-010	X=8.7'	142.96		
F-121	SR33_CLCONST	3281+80.71	-33.07	OPEN FLUME		520-010	X=13.2'	143.41		
F-122	SR33_CLCONST	3281+81.50	33.03	OPEN FLUME		520-010	X=11.3'	143.41		
F-123	SR33_CLCONST	3284+10.00	-33.00	OPEN FLUME		520-010	X=14.1'	143.44		
F-124	SR33_CLCONST	3284+10.00	33.00	OPEN FLUME		520-010	X=11.3'	143.44		
F-125	SR33_CLCONST	3285+20.00	-33.00	OPEN FLUME		520-010	X=22.4'	143.11		
F-126	SR33_CLCONST	3285+50.00	33.00	OPEN FLUME		520-010	X=9.2'	143.02		
F-127	SR33_CLCONST	3286+00.00	33.00	OPEN FLUME		520-010	X=9.0'	142.87		
F-127A	SR33_CLCONST	3286+50.00	33.00	OPEN FLUME		520-010	X=9.2'	143.02		
F-128	SR33_CLCONST	3287+81.83	33.06	OPEN FLUME		520-010	X=8.8'	143.41		
F-129	SR33_CLCONST	3289+31.81	33.05	OPEN FLUME		520-010	X=11.3'	143.86		
F-130	SR33_CLCONST	3290+81.87	33.31	OPEN FLUME		520-010	X=11.0'	143.80		
F-131	SR33_CLCONST	3291+99.96	33.00	OPEN FLUME		520-010	X=9.0'	143.47		
F-301	SR33_CLCONST	3286+39.96	-33.05	OPEN FLUME		520-010	X=16.4'	142.99		
F-302	SR33_CLCONST	3287+80.81	-33.06	OPEN FLUME		520-010	X=14.8'	143.41		
F-303	SR33_CLCONST	3289+30.85	-33.08	OPEN FLUME		520-010	X=15.0'	143.86		
F-304	SR33_CLCONST	3290+81.03	-33.07	OPEN FLUME		520-010	X=14.8'	143.82		

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (01)	SHEET NO. 179
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-301	SR33_CLCONST	3291+66.01	-61.36	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	142.00	140.00	
S-301A	SR33_CLCONST	3292+92.25	-67.81	DBI TYPE D	4.08' x 3.08'	425-052		142.82	139.80	
						425-070				(Out) P-301
F-304A	SR33_CLCONST	3291+90.00	-33.00	OPEN FLUME		520-010	X=29.3'	143.50		
F-304B	SR33_CLCONST	3293+50.00	-33.00	OPEN FLUME		520-010	X=19.6'	143.02		
F-304C	SR33_CLCONST	3292+82.47	-65.98	CLOSED FLUME		425-061	X=2.5' Y=8.43'	143.15		
F-305	SR33_CLCONST	3294+00.00	-33.00	OPEN FLUME		520-010	X=11.5'	142.87		
F-305A	SR33_CLCONST	3294+50.00	-33.00	OPEN FLUME		520-010	X=12.0'	143.02		
F-306	SR33_CLCONST	3293+50.00	33.00	OPEN FLUME		520-010	X=3.4'	143.02		
F-306A	SR33_CLCONST	3294+00.00	33.00	OPEN FLUME		520-010	X=3.9'	142.87		
F-306B	SR33_CLCONST	3294+50.00	33.00	OPEN FLUME		520-010	X=7.0'	143.02		
F-307	SR33_CLCONST	3295+31.01	-33.00	OPEN FLUME		520-010	X=4.4'	143.26		
F-308	SR33_CLCONST	3295+32.06	33.00	OPEN FLUME		520-010	X=5.3'	143.27		
F-309	SR33_CLCONST	3296+81.10	-33.05	OPEN FLUME		520-010	X=14.5'	143.71		
F-310	SR33_CLCONST	3296+82.08	33.05	OPEN FLUME		520-010	X=6.8'	143.72		
F-310A	SR33_CLCONST	3298+31.02	46.59	OPEN FLUME		520-010	X=0.0'	143.63		
F-310B	SR33_CLCONST	3299+11.83	46.50	OPEN FLUME		520-010	X=0.0'	143.62		
F-311	SR33_CLCONST	3298+31.05	-33.00	OPEN FLUME		520-010	X=15.4'	143.98		
F-312	SR33_CLCONST	3299+81.09	-33.07	OPEN FLUME		520-010	X=13.6'	143.49		
F-313	SR33_CLCONST	3299+82.23	33.10	OPEN FLUME		520-010	X=10.0'	143.52		
F-314	SR33_CLCONST	3301+00.04	-33.00	OPEN FLUME		520-010	X=13.3'	143.17		
F-314A	SR33_CLCONST	3301+49.93	-33.00	OPEN FLUME		520-010	X=12.1'	143.02		
F-314B	SR33_CLCONST	3302+00.00	-33.00	OPEN FLUME		520-010	X=11.9'	142.87		
F-315	SR33_CLCONST	3301+32.06	33.08	OPEN FLUME		520-010	X=9.7'	143.07		
F-315A	SR33_CLCONST	3302+00.00	33.00	OPEN FLUME		520-010	X=9.1'	142.87		
S-303	SR33_CLCONST	3302+68.79	-66.98	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	141.20	139.30	
						425-070				(Out) P-303
F-316	SR33_CLCONST	3302+81.14	-33.05	OPEN FLUME		520-010	X=13.6'	143.06		
F-316A	SR33_CLCONST	3303+80.66	-33.05	CLOSED FLUME		425-061	X=15.2',Y=5.0'	143.41		
F-317	SR33_CLCONST	3302+82.50	33.05	OPEN FLUME		520-010	X=7.5'	143.12		
F-318	SR33_CLCONST	3304+57.34	-33.00	CLOSED FLUME		425-061	X=11.5',Y=5.0'	143.64		
F-319	SR33_CLCONST	3304+32.04	33.13	OPEN FLUME		520-010	X=6.7'	143.56		
F-320	SR33_CLCONST	3305+81.34	-33.06	OPEN FLUME		520-010	X=24.5'	144.01		
F-321	SR33_CLCONST	3305+82.10	33.03	OPEN FLUME		520-010	X=5.9'	144.02		
S-306	SR33_CLCONST	3306+08.98	-63.16	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	141.10	139.70	
						425-070				(Out) P-306
F-322	SR33_CLCONST	3307+31.49	-33.05	OPEN FLUME		520-010	X=14.2'	143.67		
F-322A	SR33_CLCONST	3308+60.00	-33.06	OPEN FLUME		520-010	X=29.8'	143.29		
F-323	SR33_CLCONST	3307+32.29	33.10	OPEN FLUME		520-010	X=10.8'	143.67		
F-323A	SR33_CLCONST	3308+50.00	33.00	OPEN FLUME		520-010	X=9.9'	143.32		
F-324	SR33_CLCONST	3309+00.00	-33.05	OPEN FLUME		520-010	X=13.2'	143.17		
F-324A	SR33_CLCONST	3309+50.00	-33.00	OPEN FLUME		520-010	X=13.2'	143.32		
F-325	SR33_CLCONST	3309+00.00	33.05	OPEN FLUME		520-010	X=9.9'	143.17		
F-325A	SR33_CLCONST	3309+74.37	44.00	OPEN FLUME		520-010	X=6.5'	143.17		
F-326	SR33_CLCONST	3310+30.73	-33.07	OPEN FLUME		520-010	X=14.1'	143.56		
F-327	SR33_CLCONST	3310+59.86	44.01	OPEN FLUME		520-010	X=6.6'	143.43		
F-328	SR33_CLCONST	3311+78.09	-33.08	OPEN FLUME		520-010	X=15.7'	144.00		
F-329	SR33_CLCONST	3311+70.06	43.99	OPEN FLUME		520-010	X=6.6'	143.76		
F-329A	SR33_CLCONST	3312+59.96	44.00	OPEN FLUME		520-010	X=6.7'	144.03		
F-340	SR33_CLCONST	3313+25.58	-33.06	OPEN FLUME		520-010	X=17.3'	144.45		
F-340A	SR33_CLCONST	3314+59.63	-50.88	OPEN FLUME		520-010	X=36.8'	144.50		
F-340B	SR33_CLCONST	3315+57.95	-45.05	OPEN FLUME		520-010	X=32.1'	144.90		
F-340C	SR33_CLCONST	3316+10.32	-44.06	OPEN FLUME		520-010	X=10.6'	145.08		

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (02)	SHEET NO. 180
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-308	SR33_CLCONST	3315+94.80	-70.34	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	143.60	140.25	
						425-070				(Out) P-308
S-309	SR33_CLCONST	3302+55.31	50.33	DBI TYPE D	4.08' x 3.08'	425-052	SLOT (3'x1')	141.88	139.50	
						425-010				(In) P-310 (Out) P-309
S-310A	SR33_CLCONST	3303+41.91	50.90	DBI TYPE D	6.00' DIA.	425-052	J-BOTTOM	141.99	138.80	
						425-010	SLOT (3'x1')			(In) P-309 (Out) CD-2
F-341	SR33_CLCONST	3313+26.58	44.00	OPEN FLUME		520-010	X=6.8'	144.23		
F-341A	SR33_CLCONST	3313+89.91	44.09	OPEN FLUME		520-010	X=0.0'	144.41		
F-341B	SR33_CLCONST	3314+55.58	48.22	OPEN FLUME		520-010	X=0.0'	144.64		
F-341C	SR33_CLCONST	3315+30.15	44.32	OPEN FLUME		520-010	X=0.0'	144.76		
F-342	SR33_CLCONST	3316+80.08	-43.98	OPEN FLUME		520-010	X=11.4'	145.29		
F-343	SR33_CLCONST	3316+03.92	33.00	OPEN FLUME		520-010	X=13.8'	145.28		
F-344	SR33_CLCONST	3317+90.07	-43.94	OPEN FLUME		520-010	X=12.7'	145.62		
F-345	SR33_CLCONST	3317+52.20	33.00	OPEN FLUME		520-010	X=5.2'	145.73		
F-346	SR33_CLCONST	3318+99.23	-44.00	OPEN FLUME		520-010	X=14.0'	145.95		
F-347	SR33_CLCONST	3319+00.22	33.00	OPEN FLUME		520-010	X=5.9'	146.17		
F-348	SR33_CLCONST	3320+10.00	-44.00	OPEN FLUME		520-010	X=15.4'	146.28		
F-349	SR33_CLCONST	3320+19.10	33.00	OPEN FLUME		520-010	X=6.5'	146.53		
F-403	SR33_CLCONST	3322+76.73	-33.00	OPEN FLUME		520-010	X=11.8'	146.54		
F-404	SR33_CLCONST	3322+77.32	33.00	OPEN FLUME		520-010	X=8.3'	146.54		
F-405	SR33_CLCONST	3324+04.19	-33.00	OPEN FLUME		520-010	X=13.3'	146.16		
F-406	SR33_CLCONST	3324+03.80	33.05	OPEN FLUME		520-010	X=5.8'	146.16		
F-407	SR33_CLCONST	3325+35.54	-33.00	OPEN FLUME		520-010	X=11.9'	145.70		
F-408	SR33_CLCONST	3325+35.05	33.00	OPEN FLUME		520-010	X=3.9'	145.71		
F-409	SR33_CLCONST	3326+66.85	-33.00	OPEN FLUME		520-010	X=22.9'	144.80		
F-410	SR33_CLCONST	3326+66.31	33.00	OPEN FLUME		520-010	X=3.0'	144.80		
F-411	SR33_CLCONST	3327+97.81	-33.00	OPEN FLUME		520-010	X=20.5'	143.89		
F-411A	SR33_CLCONST	3328+99.61	-33.00	OPEN FLUME		520-010	X=18.9'	143.30		
F-412	SR33_CLCONST	3327+96.99	32.99	OPEN FLUME		520-010	X=3.0'	143.90		
F-412A	SR33_CLCONST	3329+00.38	33.00	OPEN FLUME		520-010	X=4.0'	143.30		
F-413	SR33_CLCONST	3329+50.04	-33.00	OPEN FLUME		520-010	X=18.2'	143.15		
F-413A	SR33_CLCONST	3330+00.48	-33.00	OPEN FLUME		520-010	X=17.6'	143.10		
F-414	SR33_CLCONST	3329+49.96	33.00	OPEN FLUME		520-010	X=4.7'	143.15		
F-414A	SR33_CLCONST	3329+99.52	33.00	OPEN FLUME		520-010	X=5.6'	143.10		
F-415	SR33_CLCONST	3330+60.00	-33.00	OPEN FLUME		520-010	X=17.0'	143.18		
F-416	SR33_CLCONST	3330+59.48	33.00	OPEN FLUME		520-010	X=7.0'	143.18		
F-417	SR33_CLCONST	3331+91.28	-33.00	OPEN FLUME		520-010	X=15.8'	143.57		
F-418	SR33_CLCONST	3331+90.58	39.72	OPEN FLUME		520-010	X=5.6'	143.43		
F-419	SR33_CLCONST	3333+21.64	-33.00	OPEN FLUME		520-010	X=15.1'	143.53		
F-420	SR33_CLCONST	3333+21.51	44.00	OPEN FLUME		520-010	X=3.4'	143.31		
F-421	SR33_CLCONST	3334+52.71	-33.00	OPEN FLUME		520-010	X=14.8'	143.14		
F-421A	SR33_CLCONST	3334+99.61	-33.00	OPEN FLUME		520-010	X=14.8'	142.99		
F-422	SR33_CLCONST	3334+08.35	44.00	OPEN FLUME		520-010	X=4.2'	143.05		
F-422A	SR33_CLCONST	3335+00.51	44.00	OPEN FLUME		520-010	X=5.1'	142.77		
S-401	SR33_CLCONST	3336+57.21	-70.51	DBI TYPE D	4.08' x 3.08'	425-070	MODIFY	140.50	138.26	
F-423	SR33_CLCONST	3335+50.04	-33.00	OPEN FLUME		520-010	X=14.7'	142.84		
F-423A	SR33_CLCONST	3336+00.48	-33.00	OPEN FLUME		520-010	X=13.6'	142.99		
F-423B	SR33_CLCONST	3337+16.83	-92.33	OPEN FLUME		520-010	X=0.0'	140.66		
F-423C	SR33_CLCONST	3337+53.81	-92.20	OPEN FLUME		520-010	X=0.0'	140.55		
F-424	SR33_CLCONST	3335+49.94	44.00	OPEN FLUME		520-010	X=5.8'	142.62		
F-424A	SR33_CLCONST	3335+99.38	44.00	OPEN FLUME		520-010	X=6.6'	142.77		
F-424B	SR33_CLCONST	3337+17.54	87.68	CLOSED FLUME		425-061	X=0.0',Y=22.87'	141.48		

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (03)	SHEET NO. 181
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		

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

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
F-424C	SR33_CLCONST	3337+51.81	87.75	OPEN FLUME		520-010	X=0.0'	141.43		
F-425	SR33_CLCONST	3338+60.86	-44.00	OPEN FLUME		520-010	X=24.4'	143.56		
F-426	SR33_CLCONST	3338+60.40	33.00	OPEN FLUME		520-010	X=5.8'	143.77		
F-427	SR33_CLCONST	3339+81.10	-43.70	OPEN FLUME		520-010	X=24.5'	143.74		
F-428	SR33_CLCONST	3340+10.72	33.00	OPEN FLUME		520-010	X=6.6'	143.86		
F-429	SR33_CLCONST	3341+00.86	-43.97	OPEN FLUME		520-010	X=23.8'	143.37		
F-429A	SR33_CLCONST	3342+46.53	-44.00	OPEN FLUME		520-010	X=21.9'	142.93		
F-430	SR33_CLCONST	3341+61.58	33.00	OPEN FLUME		520-010	X=7.4'	143.41		
F-431	SR33_CLCONST	3343+03.25	-33.00	OPEN FLUME		520-010	X=26.0'	142.98		
F-432	SR33_CLCONST	3343+12.38	33.00	OPEN FLUME		520-010	X=8.4'	142.96		
F-433	SR33_CLCONST	3344+62.71	-33.00	OPEN FLUME		520-010	X=9.8'	142.51		
F-434	SR33_CLCONST	3344+62.27	33.00	OPEN FLUME		520-010	X=9.5'	142.51		
F-435	SR33_CLCONST	3346+12.54	-33.00	OPEN FLUME		520-010	X=12.5'	142.06		
F-436	SR33_CLCONST	3346+12.21	33.00	OPEN FLUME		520-010	X=10.7'	142.24		
F-437	SR33_CLCONST	3347+64.05	-33.00	OPEN FLUME		520-010	X=14.6'	142.03		
F-438	SR33_CLCONST	3347+63.35	33.00	OPEN FLUME		520-010	X=11.9'	141.60		
F-439	SR33_CLCONST	3349+14.83	-33.00	OPEN FLUME		520-010	X=16.1'	141.57		
F-440	SR33_CLCONST	3349+14.14	33.00	OPEN FLUME		520-010	X=13.3'	141.15		
F-441	SR33_CLCONST	3350+64.89	-33.00	OPEN FLUME		520-010	X=17.1'	140.70		
F-442	SR33_CLCONST	3350+64.50	33.00	OPEN FLUME		520-010	X=23.5'	140.70		
F-442A	SR33_CLCONST	3351+60.15	38.75	OPEN FLUME		520-010	X=0.0'	140.05		
F-442B	SR33_CLCONST	3352+37.38	38.70	OPEN FLUME		520-010	X=0.0'	140.29		
F-443	SR33_CLCONST	3352+21.89	-33.00	OPEN FLUME		520-010	X=17.4'	140.95		
S-406	SR33_CLCONST	3352+60.30	40.86	MANHOLE TYPE P-7	4.00' DIA.	425-001 425-010	ALTERNATE A	140.27	133.49	(In) P-405 (Out) P-406
F-444	SR33_CLCONST	3353+79.05	-33.00	OPEN FLUME		520-010	X=17.1'	140.48		
F-445	SR33_CLCONST	3353+78.16	33.00	OPEN FLUME		520-010	X=9.6'	139.99		
S-407	SR33_CLCONST	3354+00.00	54.47	DBI TYPE D	9.00' x 3.50'	425-052 425-010 425-001	J-BOTTOM	137.51	133.00	(In) P-406 (Out) P-407
F-444A	SR33_CLCONST	3354+49.57	-33.00	OPEN FLUME		520-010	X=16.8'	139.54		
F-445A	SR33_CLCONST	3354+50.42	33.00	OPEN FLUME		520-010	X=4.2'	139.54		
F-446	SR33_CLCONST	3355+00.00	-33.00	OPEN FLUME		520-010	X=16.4'	139.39		
F-446A	SR33_CLCONST	3355+50.43	-33.00	OPEN FLUME		520-010	X=13.7'	139.54		
F-447	SR33_CLCONST	3355+00.00	33.00	OPEN FLUME		520-010	X=3.0'	139.39		
F-447A	SR33_CLCONST	3355+49.58	33.00	OPEN FLUME		520-010	X=2.3'	139.54		
F-448	SR33_CLCONST	3356+67.16	-33.00	OPEN FLUME		520-010	X=8.9'	139.89		
F-449	SR33_CLCONST	3356+70.33	32.64	OPEN FLUME		520-010	X=3.4'	139.89		
S-408	SR33_CLCONST	3357+01.84	97.46	DBI TYPE D	4.08' x 3.08'	425-052 425-070	MODIFY	135.40	132.70	(Out) P-408
S-409	SR33_CLCONST	3356+97.57	59.89	MANHOLE TYPE P-7	4.00' DIA.	425-001 425-010	ALTERNATE A	139.27	132.60	(In) P-408 (Out) P-409
S-412	SR33_CLCONST	3357+99.76	-75.34	DBI TYPE D	4.08' x 3.08'	425-052		135.80	132.94	(In) P-414 (Out) P-412
F-450	SR33_CLCONST	3358+24.22	-42.24	OPEN FLUME		520-010	X=24.0'	139.62		
F-450A	SR33_CLCONST	3358+96.15	-52.69	OPEN FLUME		520-010	X=18.1'	139.34		
F-451	SR33_CLCONST	3358+33.48	19.08	OPEN FLUME		520-010	X=7.0'	139.54		
F-452	SR33_CLCONST	3358+96.16	10.75	OPEN FLUME		520-010	X=6.4'	139.28		
S-414	SR33_CLCONST	3360+12.13	-80.44	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.71	133.51	(In) P-416 (Out) P-414

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (04)	SHEET NO. 182
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-416	SR33_CLCONST	3362+61.33	-64.04	DBI TYPE D	4.08' x 3.08'	425-052 425-070	MODIFY	136.80	134.03	(Out) P-416
S-418B	CL_CONST_COMBEE	56+72.79	-50.49	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.20	134.90	(In) P-423A (Out) P-418B
S-419	CL_CONST_COMBEE	59+91.66	33.79	CURB INLET TYPE J-5	8.00' DIA	425-021 425-010		138.71	133.10	(In) P-419A (Out) P-419
S-419A	CL_CONST_COMBEE	60+50.50	23.95	CURB INLET TYPE P-6	3.50' x 3.50'	425-021		138.48	133.20	
S-420	CL_CONST_COMBEE	60+09.52	41.57	MANHOLE TYPE P-7	4.00' DIA.	425-001 425-010	ALTERNATE A	137.77	133.06	(In) P-419
S-421	CL_CONST_COMBEE	59+96.37	-32.22	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		138.28	133.82	(Out) P-421
S-421A	CL_CONST_COMBEE	60+50.61	-33.79	CURB INLET TYPE P-6	3.50' x 3.50'	425-021		138.07	133.67	(In) P-421
S-422	CL_CONST_COMBEE	60+49.94	-57.55	MANHOLE TYPE P-7	4.00' DIA.	425-001 425-010	ALTERNATE A	137.90	133.55	(Out) P-421A
S-423	CL_CONST_COMBEE	56+22.52	55.11	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		138.18	134.00	(Out) P-423
S-423A	CL_CONST_COMBEE	56+75.76	28.46	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.46	135.15	(Out) P-423A
S-425	CL_CONST_COMBEE	54+35.22	38.45	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		137.14	132.80	(Out) P-425
S-427	CL_CONST_COMBEE	52+60.86	34.50	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		136.43	132.80	(Out) P-427
F-456	CL_CONST_COMBEE	55+77.26	-28.66	CLOSED FLUME		425-061	X=15.0',Y=5.0'	138.28		
F-456A	CL_CONST_COMBEE	54+42.09	-27.66	CLOSED FLUME		425-061	X=0.0',Y=15.47'	137.03		
F-457	SR33_CLCONST	3363+03.05	-21.49	OPEN FLUME		520-010	X=18.5'	139.89		
F-457A	SR33_CLCONST	3363+67.63	-28.98	OPEN FLUME		520-010	X=14.4'	139.52		
F-458	SR33_CLCONST	3364+40.57	-32.88	OPEN FLUME		520-010	X=13.4'	139.32		
F-458A	SR33_CLCONST	3364+90.59	-33.00	OPEN FLUME		520-010	X=13.9'	139.48		
S-502	SR33_CLCONST	3362+46.98	84.42	CURB INLET TYPE J-5	5.00' DIA.	425-021 425-010		139.70	132.00	(In) P-502B (In) P-502A (Out) P-502
S-502A	SR33_CLCONST	3361+96.27	70.23	CURB INLET TYPE J-5	5.00' DIA.	425-021 425-010		139.89	134.45	
S-502B	SR33_CLCONST	3363+78.82	55.37	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.36	132.45	(Out) P-502A (Out) P-502B
S-503	SR33_CLCONST	3364+49.45	48.26	CURB INLET TYPE P-6	3.50' x 3.50'	425-021		139.01	132.70	(In) P-504 (Out) P-503
S-504	SR33_CLCONST	3364+99.85	45.75	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.16	133.00	(In) P-505 (Out) P-504
S-505	SR33_CLCONST	3365+97.25	45.26	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.50	133.20	(In) P-506 (Out) P-505
F-459	SR33_CLCONST	3366+49.20	-33.05	OPEN FLUME		520-010	X=13.9'	140.00		

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (05)	SHEET NO. 183
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-506	SR33_CLCONST	3366+99.52	45.26	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.80	133.45	(In) P-507 (Out) P-506
S-507	SR33_CLCONST	3368+10.94	45.14	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.13	133.65	(In) P-508 (Out) P-507
F-460	SR33_CLCONST	3368+29.57	-33.03	OPEN FLUME		520-010	X=18.4'	140.54		
S-511	SR33_CLCONST	3369+19.84	-61.66	DBI TYPE D	4.08' x 3.08'	425-052 425-070	MODIFY	136.90	134.00	(Out) P-511
S-508	SR33_CLCONST	3369+19.84	45.22	CURB INLET TYPE J-5	5.00' DIA.	425-021 425-010		140.46	133.85	(In) P-509 (In) P-511 (Out) P-508
F-506	SR33_CLCONST	3370+09.24	-33.05	OPEN FLUME		520-010	X=17.8'	141.08		
S-509	SR33_CLCONST	3370+30.77	45.23	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.79	135.90	(In) P-510 (Out) P-509
S-510	SR33_CLCONST	3371+40.36	43.07	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		141.16	136.20	(Out) P-510
F-508	SR33_CLCONST	3371+89.17	-33.05	OPEN FLUME		520-010	X=22.6'	141.62		
S-513	SR33_CLCONST	3372+32.07	5.00	MANHOLE TYPE J-7	5.00' DIA.	425-001 425-010	> 10' DEEP	142.78	129.90	(In) ExP-1 (Out) P-513
F-510	SR33_CLCONST	3373+68.89	-33.02	OPEN FLUME		520-010	X=26.1'	141.59		
S-515	SR33_CLCONST	3375+48.41	-34.29	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.92	135.30	(In) P-516 (Out) P-515
S-516	SR33_CLCONST	3375+49.07	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.92	135.40	(Out) P-516
S-518	SR33_CLCONST	3376+82.75	-34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.51	135.48	(Out) P-518
S-519	SR33_CLCONST	3376+82.75	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.51	135.58	(Out) P-519
S-521	SR33_CLCONST	3378+02.75	-34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.16	135.28	(In) P-518 (In) P-524 (In) P-522 (Out) P-521
S-522	SR33_CLCONST	3378+02.75	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.16	135.40	(In) P-519 (In) P-525 (Out) P-522
S-524	SR33_CLCONST	3379+07.77	-34.24	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.98	135.45	(Out) P-524
S-525	SR33_CLCONST	3379+07.77	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.98	135.56	(Out) P-525
F-518	SR33_CLCONST	3380+86.83	-38.00	OPEN FLUME		520-010	X=16.5'	139.44		
F-518A	SR33_CLCONST	3381+96.22	-38.00	OPEN FLUME		520-010	X=0.0'	139.11		
F-518B	SR33_CLCONST	3382+45.37	-109.55	OPEN FLUME		520-010	X=0.0'	137.68		
F-518C	SR33_CLCONST	3382+98.30	-109.55	OPEN FLUME		520-010	X=0.0'	137.46		
S-526	SR33_CLCONST	3380+29.91	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.61	134.70	(Out) P-526

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (06)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		184

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-528	SR33_CLCONST	3381+14.86	-70.69	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	136.70	134.70	(In) P-528A (Out) P-528
S-528A	SR33_CLCONST	3381+14.86	-93.65	DBI TYPE D	4.08' x 3.08'	425-052	SLOT (3'x1')	136.42	134.75	(Out) P-528A
S-529	SR33_CLCONST	3382+28.16	-89.25	DBI TYPE D	4.08' x 3.08'	425-052		136.50	134.50	(In) P-528 (Out) P-529
S-532	SR33_CLCONST	3382+67.06	34.24	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		138.90	134.30	(In) P-527 (Out) P-532
S-530	SR33_CLCONST	3383+22.04	-91.30	DBI TYPE E	3.00' x 4.50'	425-052		136.60	134.35	(In) P-529 (Out) P-530
F-521	SR33_CLCONST	3384+50.00	-45.00	OPEN FLUME		520-010	X=11.9'	138.11		
S-512	SR33_CLCONST	3373+68.87	34.66	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		141.59	135.68	(Out) P-512
S-527	SR33_CLCONST	3381+49.77	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.25	134.50	(In) P-526 (Out) P-527
F-521A	SR33_CLCONST	3385+00.00	-45.00	OPEN FLUME		520-010	X=11.9'	137.96		
F-521B	SR33_CLCONST	3385+50.00	-45.00	OPEN FLUME		520-010	X=11.9'	138.11		
S-534	SR33_CLCONST	3384+50.00	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		138.35	132.35	(Out) P-534
S-536	SR33_CLCONST	3385+50.00	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		138.38	132.35	(In) P-538 (Out) P-536
S-538	SR33_CLCONST	3386+24.02	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		138.57	132.46	(Out) P-538
S-535	SR33_CLCONST	3385+00.00	34.25	CURB INLET TYPE P-6	3.50' x 3.50'	425-021		138.20	132.26	(In) P-534 (In) P-536 (Out) P-535
F-523	SR33_CLCONST	3386+67.36	-45.01	OPEN FLUME		520-010	X=13.1'	138.46		
F-525	SR33_CLCONST	3388+00.00	-45.00	OPEN FLUME		520-010	X=13.9'	138.86		
S-542	SR33_CLCONST	3388+00.00	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.10	132.36	(Out) P-542
F-527	SR33_CLCONST	3389+75.77	-33.08	OPEN FLUME		520-010	X=17.2'	139.62		
S-544	SR33_CLCONST	3389+76.39	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		139.63	135.54	(In) P-548 (Out) P-544
S-546	SR33_CLCONST	3390+42.77	-77.77	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	136.30	133.40	(Out) P-546
F-529	SR33_CLCONST	3391+52.27	-33.04	OPEN FLUME		520-010	X=16.9'	140.16		
S-548	SR33_CLCONST	3391+52.56	34.25	CURB INLET TYPE P-5	3.50' x 3.50'	425-021		140.16	135.80	(Out) P-548
F-531		3393+79.84	-33.05	OPEN FLUME		520-010	X=18.3'	139.91		
F-532	SR33_CLCONST	3393+80.56	33.06	CLOSED FLUME		425-061	X=15.0',Y=5.0'	139.90		
S-550	SR33_CLCONST	3394+79.47	55.78	MANHOLE TYPE J-7	5.00' DIA.	425-001		139.03	131.87	(In) P-553 (In) CD-5A (Out) P-550
F-533	SR33_CLCONST	3395+10.00	-33.00	OPEN FLUME		520-010	X=18.0'	139.52		

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (07)	SHEET NO. 185
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
F-534	SR33_CLCONST	3395+10.00	33.05	CLOSED FLUME		425-061	X=15.0',Y=5.0'	139.51		
S-552	SR33_CLCONST	3395+42.02	-67.27	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	135.80	132.80	
						425-070				(Out) P-552
S-553	SR33_CLCONST	3396+00.54	65.63	DBI TYPE D	4.08' x 3.08'	425-052	MODIFY	137.30	132.50	
						425-070				(Out) P-553
F-535	SR33_CLCONST	3396+30.00	-33.00	OPEN FLUME		520-010	X=20.5'	139.16		
F-536	SR33_CLCONST	3396+30.00	33.00	CLOSED FLUME		425-061	X=18.2',Y=5.0'	139.16		
F-537	SR33_CLCONST	3397+49.98	-33.00	OPEN FLUME		520-010	X=19.1'	138.80		
F-538	SR33_CLCONST	3397+50.00	33.05	CLOSED FLUME		425-061	X=7.3',Y=5.0'	138.79		
F-539	SR33_CLCONST	3398+69.79	-33.05	OPEN FLUME		520-010	X=17.6'	138.43		
F-540	SR33_CLCONST	3398+70.08	33.06	CLOSED FLUME		425-061	X=6.3',Y=5.0'	138.43		
F-541	SR33_CLCONST	3399+60.00	-33.00	OPEN FLUME		520-010	X=16.6'	138.17		
F-542	SR33_CLCONST	3399+60.00	33.05	CLOSED FLUME		425-061	X=5.5',Y=5.0'	138.16		

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES <i>(08)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		POLK

ENDWALL & MES DATA							
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Elevation (Invert) (ft)	FDOT Standard Plans (400 Index Series) Notes	Remarks
S-531	SR33_CLCONST	3384+08.13	-81.29	CD MES, 1:4	134.20	430-022	
S-537	SR33_CLCONST	3385+00.00	77.30	CD MES, 1:4	132.20	430-021	
S-543	SR33_CLCONST	3388+00.00	77.30	CD MES, 1:4	132.30	430-021	
S-547	SR33_CLCONST	3390+78.30	-80.07	CD MES, 1:4	133.30	430-022	
CD-5A	SR33_CLCONST	3394+79.47	-58.74	SD MES, 1:4	132.08	430-021	
CD-5B	SR33_CLCONST	3394+79.47	68.66	CD MES, 1:4	131.85	430-021	
S-551	SR33_CLCONST	3395+09.63	-81.06	CD MES, 1:4	132.70	430-022	

PRELIMINARY
subject to changes

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

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES <i>(09)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		187
						SR 33	POLK	430185-4-52-01		

ENDWALL & MES DATA							
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Elevation (Invert) (ft)	FDOT Standard Plans (400 Index Series) Notes	Remarks
SD-2A	SR33_CLCONST	3272+88.66	-63.57	SD MES, 1:4	139.50	430-022	
SD-2B	SR33_CLCONST	3271+41.77	-65.07	SD MES, 1:4	139.50	430-022	
S-103	SR33_CLCONST	3274+37.64	-62.86	CD MES, 1:4	139.50	430-022	
S-106	SR33_CLCONST	3274+49.72	87.12	CD MES, 1:4	139.20	430-021	
S-107	SR33_CLCONST	3278+21.92	-67.51	CD MES, 1:4	140.00	430-022	
S-109	SR33_CLCONST	3279+77.61	-55.09	SD MES, 1:4	140.25	430-022	
S-110	SR33_CLCONST	3281+90.34	-71.81	CD MES, 1:4	142.00	430-021	
S-111	SR33_CLCONST	3281+90.34	-92.32	CD MES, 1:4	142.83	430-021	
SD-3A	SR33_CLCONST	3287+86.73	-60.38	SD MES, 1:4	140.00	430-022	
SD-3B	SR33_CLCONST	3288+25.25	-60.76	SD MES, 1:4	140.00	430-022	
S-302	SR33_CLCONST	3293+55.09	-56.95	CD MES, 1:4	139.70	430-022	
CD-3A	SR33_CLCONST	3356+20.08	-93.37	BOX CULVERT ENDWALL	132.40	400-289	
CD-3B	SR33_CLCONST	3356+19.63	91.11	BOX CULVERT ENDWALL	132.24	400-289	
SD-4A	SR33_CLCONST	3297+27.49	52.18	SD MES, 1:4	140.80	430-022	
SD-4B	SR33_CLCONST	3299+61.83	51.87	SD MES, 1:4	140.50	430-022	
CD-2B	SR33_CLCONST	3303+41.48	-69.77	STRAIGHT CONC. ENDWALL	138.59	430-030	
S-304	SR33_CLCONST	3303+27.98	-79.41	CD MES, 1:4	139.20	430-022	
S-305	SR33_CLCONST	3304+86.59	-71.93	CD MES, 1:4	139.42	430-022	
SD-7A	SR33_CLCONST	3308+73.17	-58.50	SD MES, 1:4	140.00	430-022	
SD-7B	SR33_CLCONST	3308+01.81	-59.93	SD MES, 1:4	139.90	430-022	
SD-8A	SR33_CLCONST	3308+06.56	58.33	SD MES, 1:4	140.80	430-022	
SD-8B	SR33_CLCONST	3307+65.55	58.32	SD MES, 1:4	140.70	430-022	
SD-10A	SR33_CLCONST	3316+09.42	52.29	SD MES, 1:4	142.35	430-022	
SD-10B	SR33_CLCONST	3313+70.60	58.71	SD MES, 1:4	141.30	430-022	
S-307	SR33_CLCONST	3314+24.28	-67.10	CD MES, 1:4	140.00	430-022	
S-310	SR33_CLCONST	3302+55.31	79.70	CD MES, 1:4	139.82	430-021	
SD-11A	SR33_CLCONST	3336+17.85	59.29	SD MES, 1:4	140.65	430-022	
SD-11B	SR33_CLCONST	3338+48.12	54.39	SD MES, 1:4	139.10	430-022	
S-402	SR33_CLCONST	3338+39.28	-80.45	CD MES, 1:4	138.00	430-022	
S-405	SR33_CLCONST	3350+64.98	62.69	SD MES, 1:4	134.63	430-022	
S-410	SR33_CLCONST	3355+31.78	-79.78	SD MES, 1:4	133.51	430-022	DOUBLE PIPE
S-417	SR33_CLCONST	3358+98.26	38.26	CD MES, 1:4	136.21	430-021	
S-418	SR33_CLCONST	3358+96.79	60.71	CD MES, 1:4	136.13	430-021	
S-418A	CL_CONST_COMBEE	56+51.57	-74.82	CD MES, 1:4	134.85	430-021	
S-424	CL_CONST_COMBEE	56+16.15	97.22	U-ENDWALL, 1:6	133.87	430-011	BAFFLES
S-426	CL_CONST_COMBEE	54+33.52	69.71	CD MES, 1:4	132.70	430-021	
S-428	CL_CONST_COMBEE	52+60.86	68.36	CD MES, 1:4	132.70	430-021	DOUBLE PIPE
S-429	CL_CONST_COMBEE	52+27.89	66.71	CD MES, 1:4	130.76	430-021	
S-430	CL_CONST_COMBEE	51+30.76	74.31	CD MES, 1:2	129.49	430-022	
S-431	CL_CONST_COMBEE	50+62.22	88.70	CD MES, 1:2	129.62	430-022	
S-501	SR33_CLCONST	3362+59.78	145.11	CD MES, 1:4	131.90	430-021	
CD-4	SR33_CLCONST	3372+30.67	85.00	STRAIGHT CONC. ENDWALL	129.80	430-030	
S-514	SR33_CLCONST	3375+48.48	-58.91	CD MES, 1:4	135.20	430-021	
CD-1A	SR33_CLCONST	3289+00.00	47.91	CD MES, 1:4	141.00	430-021	
CD-1B	SR33_CLCONST	3289+00.00	-51.88	CD MES, 1:4	140.00	430-021	
SD-13A	SR33_CLCONST	3376+82.50	83.50	SD MES, 1:4	134.65	430-022	
SD-13B	SR33_CLCONST	3377+22.50	83.50	SD MES, 1:4	134.45	430-022	
S-520	SR33_CLCONST	3378+03.00	-55.59	CD MES, 1:4	135.20	430-021	
SD-14A	SR33_CLCONST	3379+47.28	83.50	SD MES, 1:4	134.16	430-022	
SD-14B	SR33_CLCONST	3379+87.28	83.50	SD MES, 1:4	133.95	430-022	
SD-15A	SR33_CLCONST	3382+14.77	83.50	SD MES, 1:4	132.77	430-022	
SD-15B	SR33_CLCONST	3382+54.77	83.50	SD MES, 1:4	132.62	430-022	
S-533	SR33_CLCONST	3382+67.06	67.68	CD MES, 1:4	134.25	430-021	

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (10)	SHEET NO. 188
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

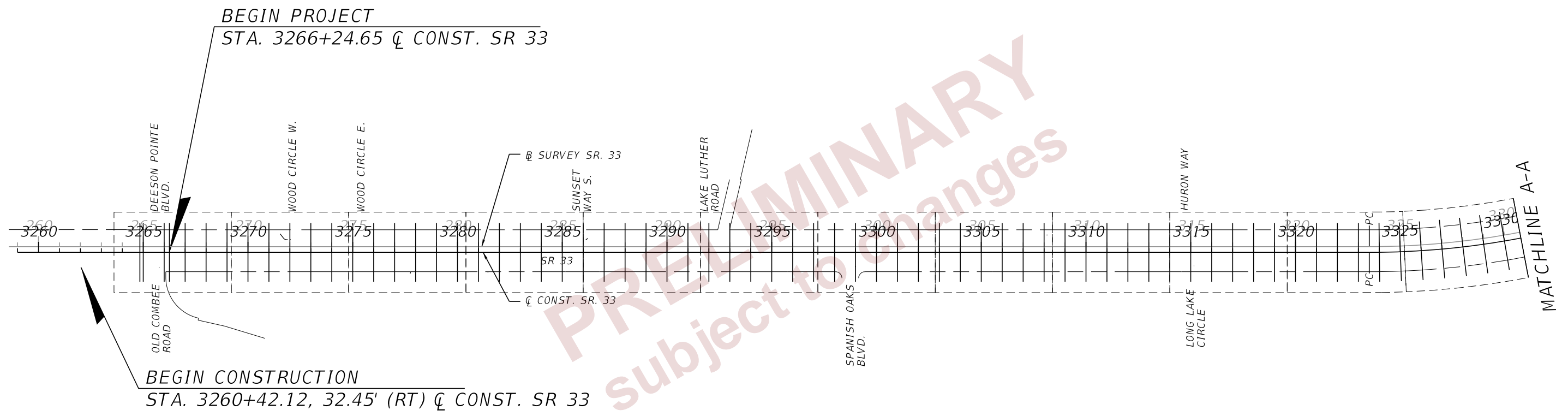
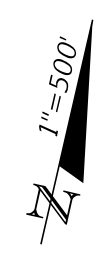
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PIPE DATA								
Label	Group Number	Number of Barrels	Length (ft)	Size (in)	Start Node (Upper)	Start Invert (ft)	Stop Node (Lower)	Stop Invert (ft)
CD-1	3	1	94.1	14x23 inch	CD-1A	141.00	CD-1B	140.00
P-102	1	1	42.3	18 inch	S-102	139.20	S-101	139.09
P-104	1	1	129.9	18 inch	S-104	139.70	S-103	139.50
P-105	3	1	15.0	19x30 inch	S-105	139.25	S-106	139.20
P-108	3	1	96.8	14x23 inch	S-108	140.15	S-107	140.00
P-109	3	1	49.7	14x23 inch	S-109	140.25	S-108	140.15
P-111	3	1	19.3	14x23 inch	S-111	142.83	S-110	142.00
P-301	3	1	123.3	14x23 inch	S-301	140.00	S-301A	139.80
P-301A	3	1	57.8	14x23 inch	S-301A	139.80	S-302	139.70
SD-2	1	1	139.0	18 inch	SD-2A	139.80	SD-2B	139.50
SD-3	1	1	30.6	14x23 inch	SD-3A	140.00	SD-3B	140.00
SD-4	3	1	229.1	19x30 inch	SD-4A	140.80	SD-4B	140.50
P-303	3	1	56.6	14x23 inch	S-303	139.30	S-304	139.20
P-306	3	1	118.8	14x23 inch	S-306	139.70	S-305	139.42
P-308	1	1	162.0	18 inch	S-308	140.25	S-307	140.00
P-309	3	1	83.0	14x23 inch	S-309	139.50	S-310A	139.00
P-310	3	1	24.3	14x23 inch	S-310	139.82	S-309	139.50
SD-7	3	1	63.4	14x23 inch	SD-7A	140.00	SD-7B	139.90
SD-8	3	1	35.7	19x30 inch	SD-8A	140.80	SD-8B	140.70
SD-10	3	1	233.9	14x23 inch	SD-10A	142.35	SD-10B	141.30
CD-2	-	1	117.8	24x38 inch	S-310A	138.80	CD-2B	138.59
CD-3	-	2	184.0	10'x3'	CD-3A	132.40	CD-3B	132.24
P-401	3	1	173.3	14x23 inch	S-401	138.26	S-402	138.00
P-405	2	1	193.2	30 inch	S-405	134.63	S-406	133.49
P-406	2	1	138.6	30 inch	S-406	133.49	S-407	133.00
P-407	1	3	210.3	18 inch	S-407	133.00	CD-3	132.50
P-408	1	1	34.3	18 inch	S-408	132.70	S-409	132.60
P-409	1	1	66.2	18 inch	S-409	132.60	CD-3	132.45
P-410	1	2	73.5	18 inch	S-410	133.51	CD-3	133.00
P-412	1	1	163.7	18 inch	S-412	132.94	CD-3	132.5
P-414	1	1	204.6	18 inch	S-414	133.51	S-412	132.94
P-416	1	1	243.7	18 inch	S-416	134.03	S-414	133.51
P-417	3	1	16.9	14x23 inch	S-417	136.21	S-418	136.13
P-418B	1	1	26.4	18 inch	S-418B	134.90	S-418A	134.85
P-419	1	1	19.2	18 inch	S-419	133.10	S-420	133.06
P-419A	1	1	53.2	18 inch	S-419A	133.20	S-419	133.10
P-421	1	1	50.7	18 inch	S-421	133.82	S-421A	133.67
P-421A	1	1	20.0	18 inch	S-421A	133.67	S-422	133.55
P-423	1	1	39.8	18 inch	S-423	134.00	S-424	133.87
P-423A	1	1	75.4	18 inch	S-423A	135.15	S-418B	134.90
P-425	1	1	25.6	18 inch	S-425	132.80	S-426	132.70
P-427	1	1	26.9	18 inch	S-427	132.80	S-428	132.70
P-429	2	2	32.0	36 inch	E-413	130.90	S-429	130.76
P-430	2	2	45.0	42 inch	S-430	129.00	S-431	128.70
SD-11	3	1	228.4	19x30 inch	SD-11A	140.65	SD-11B	139.10
CD-5A	2	1	110.7	30 inch	CD-5A	132.08	S-550	131.87
P-550	2	1	12.7	30 inch	S-550	131.87	CD-5B	131.85
P-502	2	1	58.8	24 inch	S-502	132.00	S-501	131.90
P-502A	1	1	44.0	18 inch	S-502A	134.45	S-502	134.35
P-502B	2	1	133.5	24 inch	S-502B	132.45	S-502	132.00
P-503	2	1	67.4	24 inch	S-503	132.70		132.45

PIPE DATA								
Label	Group Number	Number of Barrels	Length (ft)	Size (in)	Start Node (Upper)	Start Invert (ft)	Stop Node (Lower)	Stop Invert (ft)
P-420		1	6.0	18 inch	S-420	132.80	EX. PIPE	MATCH EX.
P-422A		1	6.0	18 inch	S-422	133.55	EX. PIPE	MATCH EX.
P-504	2	1	46.9	24 inch	S-504	133.00	S-503	132.70
P-505	2	1	93.9	24 inch	S-505	133.20	S-504	133.00
P-506	2	1	98.8	24 inch	S-506	133.45	S-505	133.20
P-507	2	1	107.9	24 inch	S-507	133.65	S-506	133.45
P-508	2	1	104.7	24 inch	S-508	133.85	S-507	133.65
P-509	1	1	106.7	18 inch	S-509	135.90	S-508	135.75
P-510	1	1	106.2	18 inch	S-510	136.20	S-509	135.90
P-511	3	1	102.8	19x30 inch	S-511	134.00	S-508	133.85
P-513	2	1	77.5	36 inch	S-513	129.90	CD-4	129.80
P-515	1	1	19.8	18 inch	S-515	135.30	S-514	135.20
P-516	1	1	65.0	18 inch	S-516	135.40	S-515	135.30
P-518	1	1	116.5	18 inch	S-518	135.48	S-521	135.28
P-519	1	1	116.5	18 inch	S-519	135.58	S-522	135.40
P-521	1	1	16.7	18 inch	S-521	135.28	S-520	135.20
P-522	1	1	65.0	18 inch	S-522	135.40	S-521	135.28
P-524	1	1	101.5	18 inch	S-524	135.45	S-521	135.28
P-525	1	1	101.5	18 inch	S-525	135.56	S-522	135.40
P-526	1	1	116.4	18 inch	S-526	134.70	S-527	134.50
P-527	1	1	113.8	18 inch	S-527	134.50	S-532	134.30
P-528	3	1	111.8	14x23 inch	S-528	134.70	S-529	134.50
P-528A	3	1	19.4	14x23 inch	S-528A	134.75	S-528	134.70
P-529	3	1	90.9	14x23 inch	S-529	134.50	S-530	134.35
P-530	3	1	81.3	14x23 inch	S-530	134.35	S-531	134.20
P-532	3	1	28.3	14x23 inch	S-532	134.30	S-533	134.25
P-534	1	1	46.5	18 inch	S-534	132.35	S-535	132.26
P-536	1	1	46.5	18 inch	S-536	132.35	S-535	132.26
P-538	1	1	70.5	18 inch	S-538	132.46	S-536	132.35
P-535	3	1	32.5	14x23 inch	S-535	132.26	S-537	132.20
P-544	1	1	172.9	18 inch	S-544	135.54	S-542	135.28
P-546	3	1	30.7	14x23 inch	S-546	133.40	S-547	133.30
P-548	1	1	172.7	18 inch	S-548	135.80	S-544	135.54
P-552	3	1	30.8	14x23 inch	S-552	132.80	S-551	132.70
P-553	1	1	117.4	18 inch	S-553	132.50	S-550	131.87
SD-15	1	1	32.1	18 inch	SD-15A	132.77	SD-15B	132.62
SD-13	1	1	32.1	18 inch	SD-13A	134.65	SD-13B	134.45
SD-14	1	1	32.1	18 inch	SD-14A	134.16	SD-14B	133.95
P-512	1	1	176.6	18 inch	S-512	135.68	S-516	135.40
P-542	3	1	35.9	14x23 inch	S-542	132.36	S-543	132.30
P-513A		1	6.0	36 inch	S-513	129.90	EX. PIPE	MATCH EX.
P-101		1	6.0	24 inch	EX. PIPE	MATCH EX.	S-101	139.09

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES (11)	SHEET NO. 189
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01				

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



BEGIN PROJECT
STA. 3266+24.65 \bar{C} CONST. SR 33

BEGIN CONSTRUCTION
STA. 3260+42.12, 32.45' (RT) \bar{C} CONST. SR 33

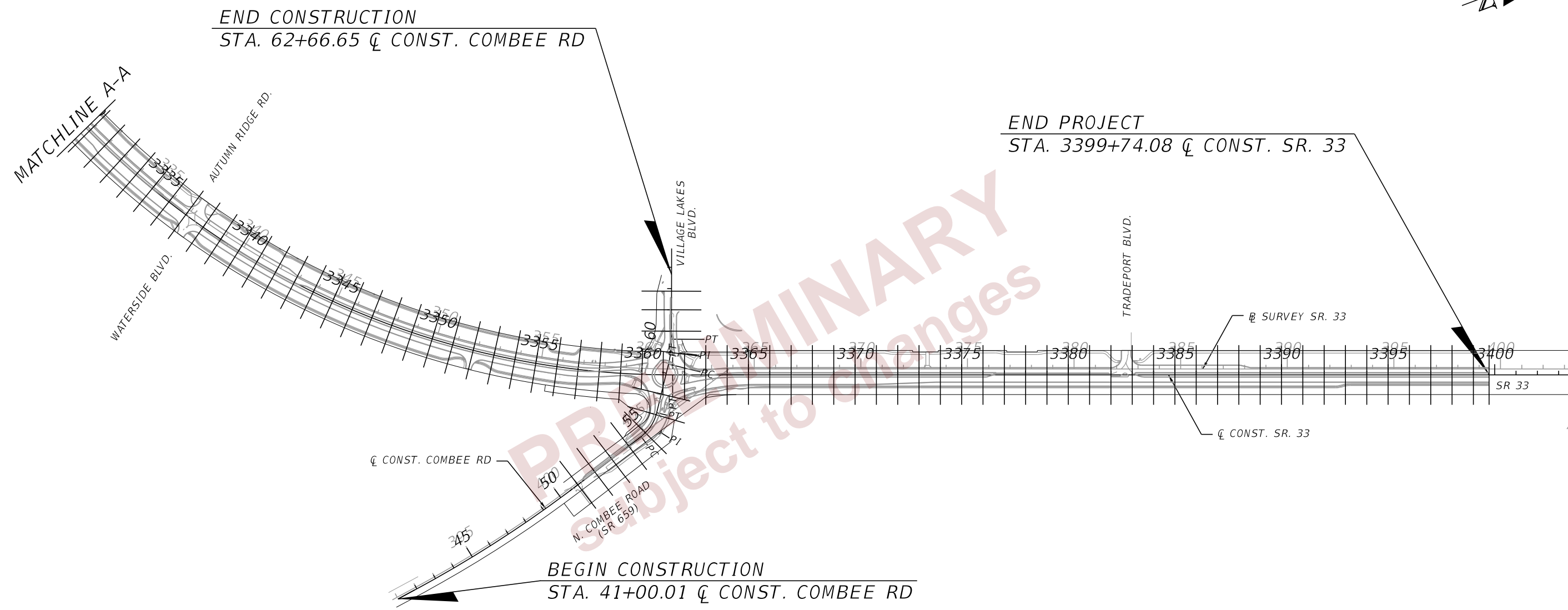
MATCHLINE A-A

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
CROSS SECTION PATTERNS (01)									190

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

1"=500'



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
CROSS SECTION PATTERNS (02)									191

DATE OF SURVEY: NOVEMBER 2012 TO JUNE 2022
 SURVEY MADE BY: TIERRA, INC.
 SUBMITTED BY: LAWRENCE P. MOORE, P.E.

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 MATERIALS AND RESEARCH

DISTRICT: ONE
 ROAD NO.: SR 33
 COUNTY: POLK

FINANCIAL PROJECT ID : 430185-4-52-01
 PROJECT NAME: STATE ROAD NO. SR 33 FROM OLD COMBEE ROAD TO UNIVERSITY BLVD

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 3266+24.65 SURVEY ENDS STA. : 3399+74.08

REFERENCE: CENTERLINE CONSTRUCTION OF SR 33

STRATUM NO.	NO. OF TESTS	ORGANIC %	MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)				DESCRIPTION	CORROSION TEST RESULTS					
			NO. OF TESTS	MOISTURE CONTENT	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP		NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH	
1	1	3	2	23	50	100	91-97	52-77	15-46	1-14	--	--	--	A-3/A-2-4	GRAY TO BROWN FINE SAND TO SAND WITH SILT	6	13,000-61,000	15-30	<5	5.4-7.7
2	1	3	1	58	21	100	84-96	61-76	33-50	15-28	--	--	--	A-2-4	GRAY TO BROWN SILTY SAND TO SILTY-CLAYEY SAND	7	4,500-34,000	15-45	<5-309	4.5-6.0
3	--	--	12	13-34	15	100	76-97	45-82	31-61	18-34	12	15-32	2-18	A-2-4/A-2-6	GRAY TO BROWN SILTY SAND TO CLAYEY SAND WITH CLAY NODULES, OCCASIONALLY WITH LIMESTONE FRAGMENTS	1	8,100	30	31	5.5
4	--	--	19	14-27	20	100	94-97	70-81	50-65	36-50	19	23-47	10-33	A-4/A-6/A-7-5/A-7-6	GRAY TO BROWN CLAYEY SAND TO SANDY CLAY	8	3,500-14,000	15-45	<5-50	3.9-5.8
5	--	--	1	78	1	--	--	--	--	54	1	156	100	A-7-5	GRAY TO BROWN CLAYEY SAND TO CLAY	1	15,000	30	<5	4.0
6	31	5-35	31	14-357	31	100	90-95	64-71	38-54	11-41	--	--	--	A-8	DARK GRAY SILTY SAND WITH ORGANICS TO MUCK	1	5,300	30	155	5.3

NOTES:

- THE MATERIAL FROM STRATUM 1 (A-3/A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
- THE MATERIAL FROM STRATUM 2 (A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.
- THE MATERIAL FROM STRATUM 3 (A-2-4/A-2-6) AND STRATUM 4 (A-4/A-6/A-7-5/A-7-6) IS PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-002 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001. IT MAY REMAIN IN PLACE ABOVE THE EXISTING WATER LEVEL (AT THE TIME OF CONSTRUCTION)
- THE MATERIAL FROM STRATUM 5 (A-7-5) IS HIGH PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-002 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
- THE MATERIAL FROM STRATUM 6 (A-8) IS ORGANIC TO HIGHLY ORGANIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-002 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001. THE REMOVAL LIMITS ARE SHOWN ON THE ORGANIC DELINEATION PLAN SHEETS AND ON THE ROADWAY CROSS-SECTIONS.

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

- ▼ - WATER TABLE ENCOUNTERED
- GNE - GROUNDWATER NOT ENCOUNTERED
- GNA - GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID
- ▽⁺ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE AT OR ABOVE EXISTING GROUND SURFACE
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

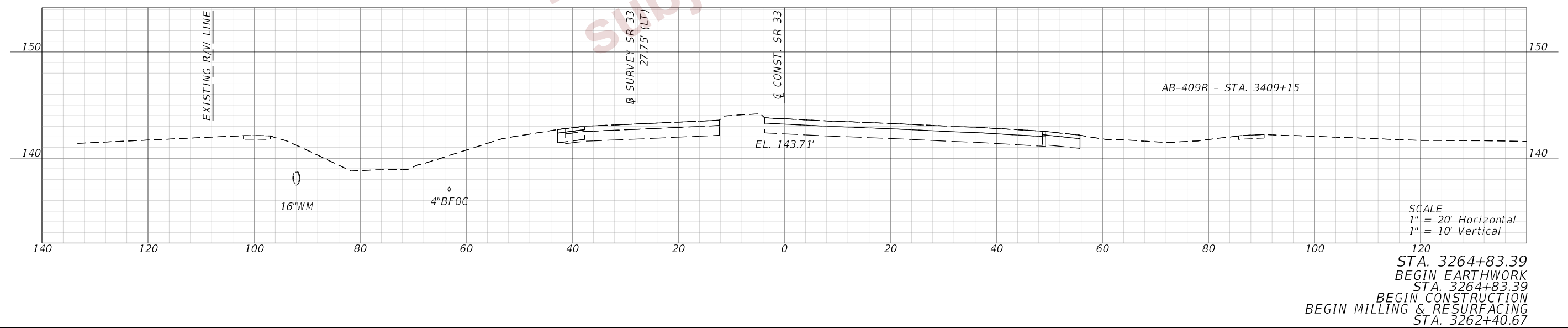
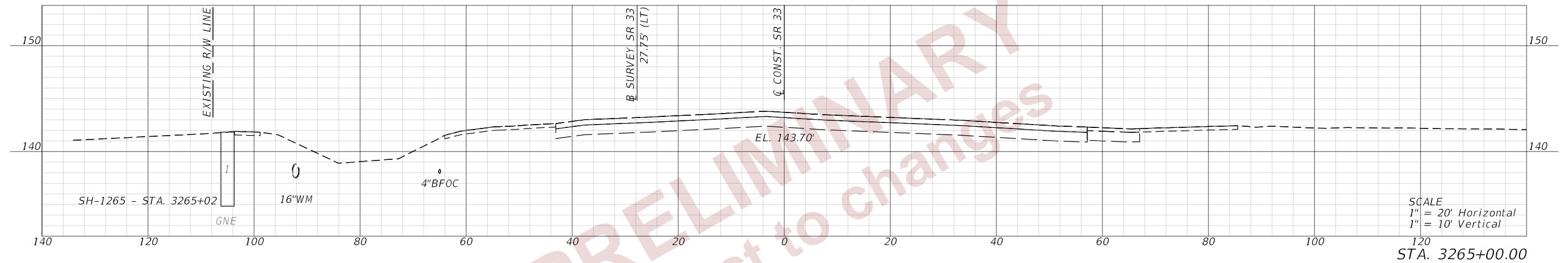
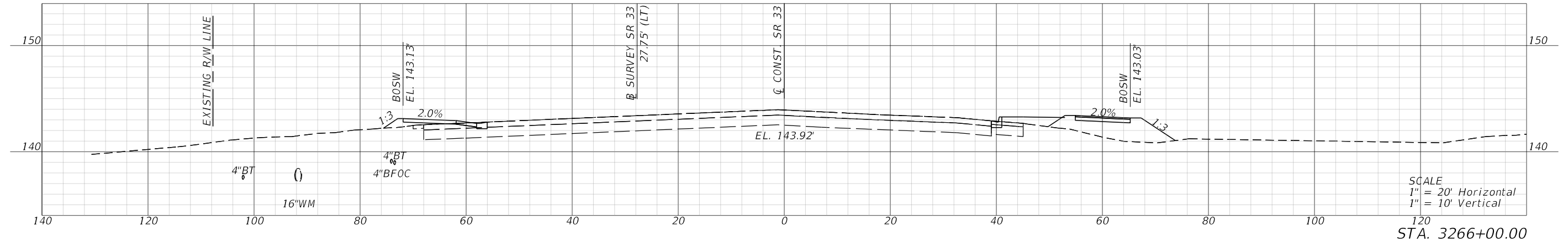
- THE PARAMETERS PRESENTED ON THIS ROADWAY SOIL SURVEY INCLUDE DATA FROM FINANCIAL PROJECT ID'S 430185-4-52-01 AND 430185-7-52-01.
- THE "--" INDICATES AN UNMEASURED PARAMETER

8/19/2022 9:12:18 AM bgarcia J:\6511\2014 Files\6511-14-074 SR 33 at I-4\430185-4-52-01\Geotechnical\SSUVRD01.dgn

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REVISIONS				LAWRENCE P. MOORE, P.E. P.E. LICENSE NUMBER 47673 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 33	POLK	430185-4-52-01		

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

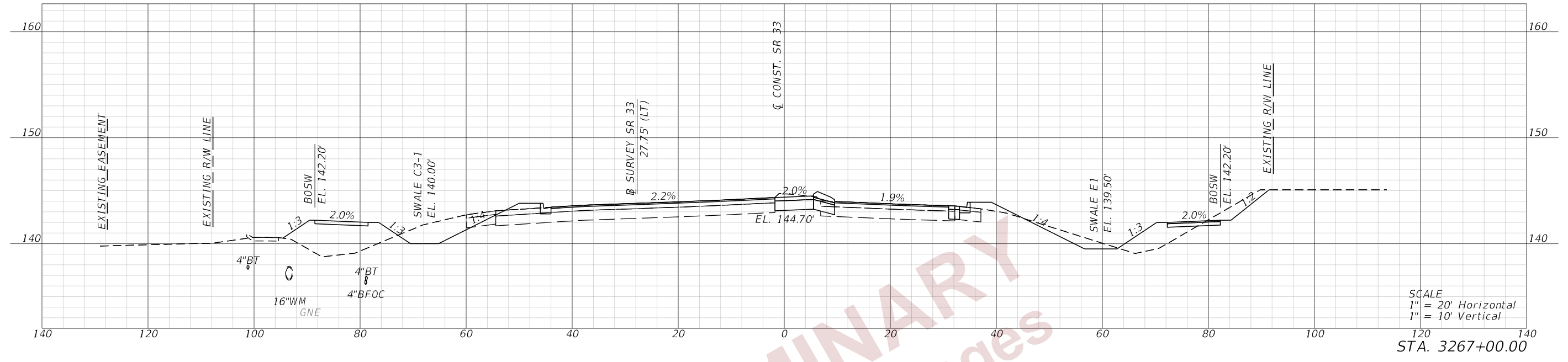


PRELIMINARY
Subject to changes

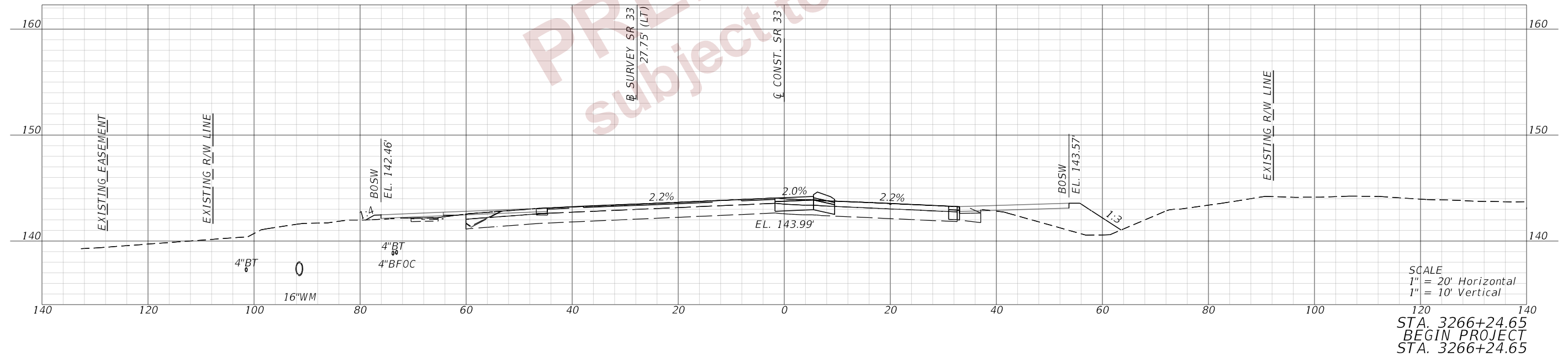
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (01) SR 33	SHEET NO. 193
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4350 W. CYPRESS STREET, SUITE 800 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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 1" = 10' Vertical
 STA. 3267+00.00



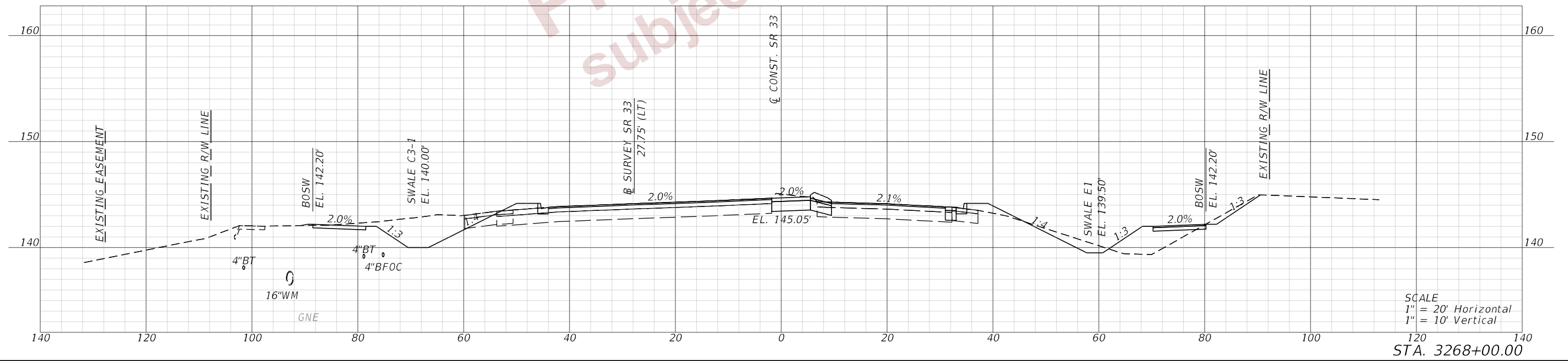
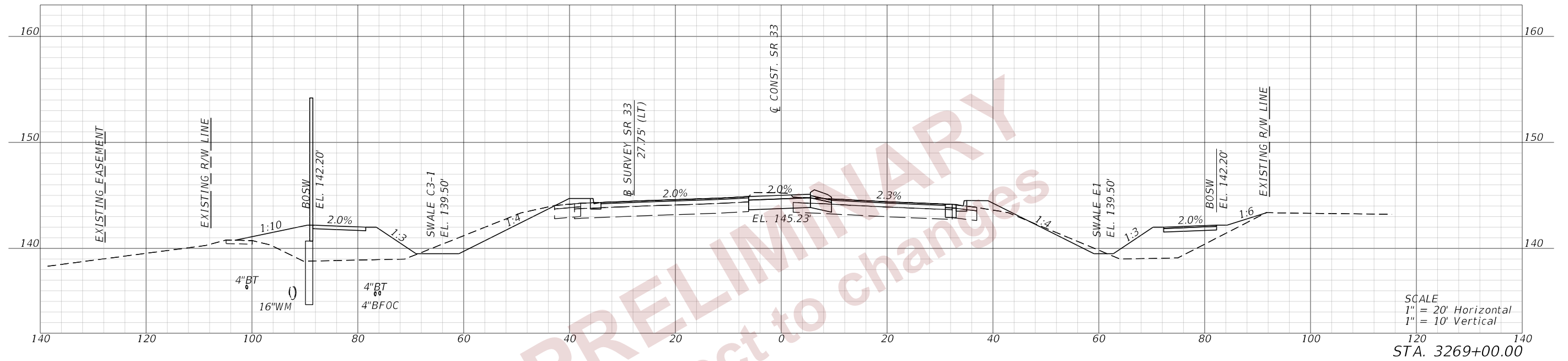
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PRELIMINARY
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (02) SR 33	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		194
							SR 33	POLK	430185-4-52-01		

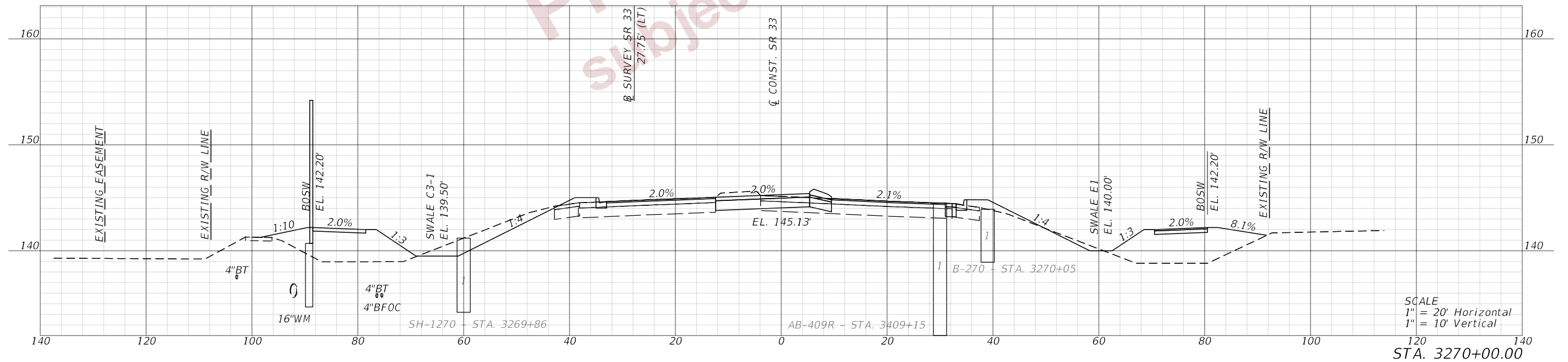
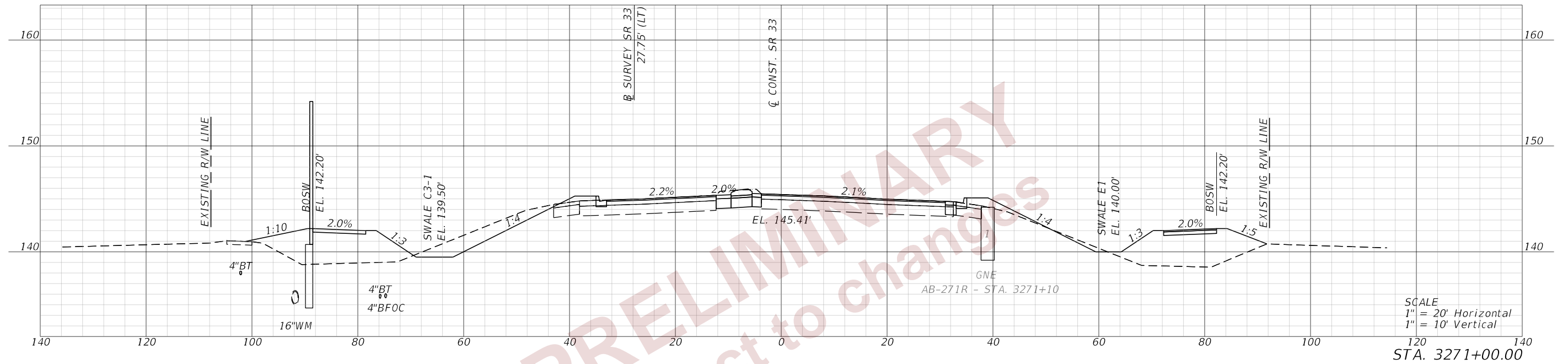
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (03) SR 33	SHEET NO. 195
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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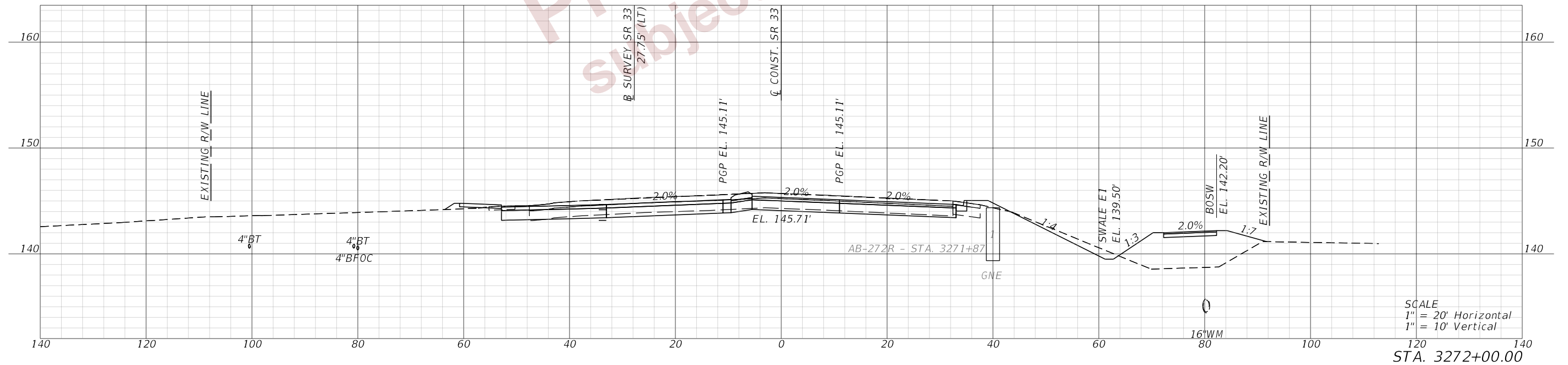
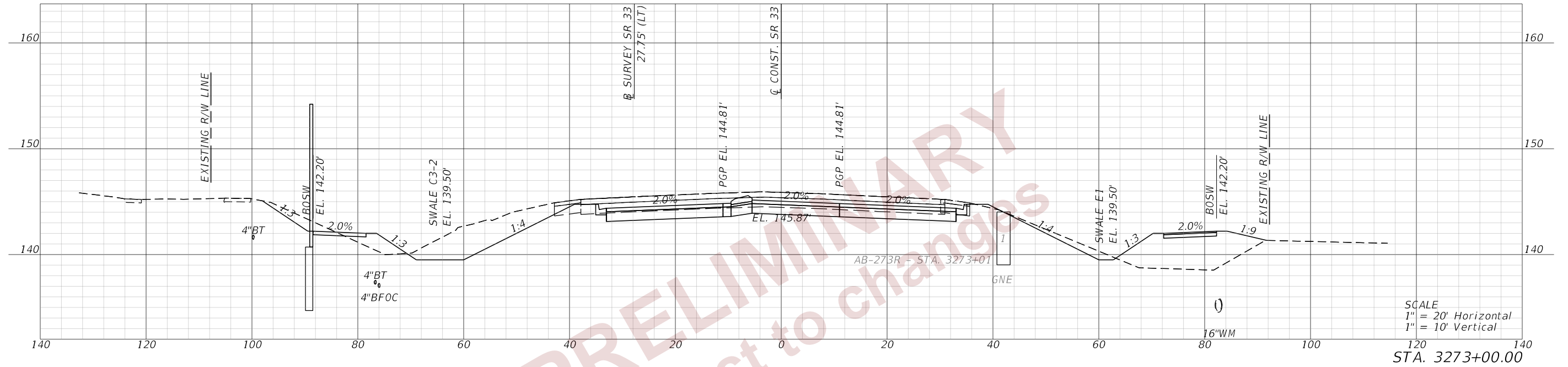
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (04) SR 33	SHEET NO. 196
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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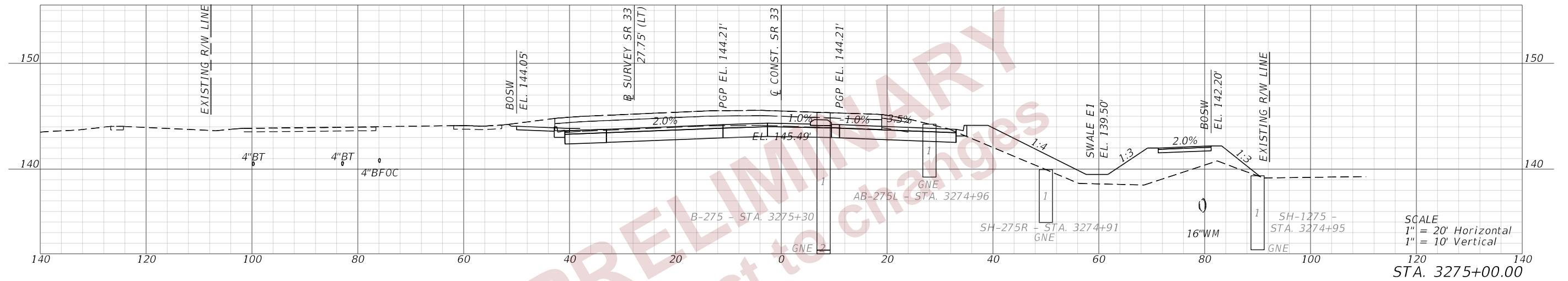
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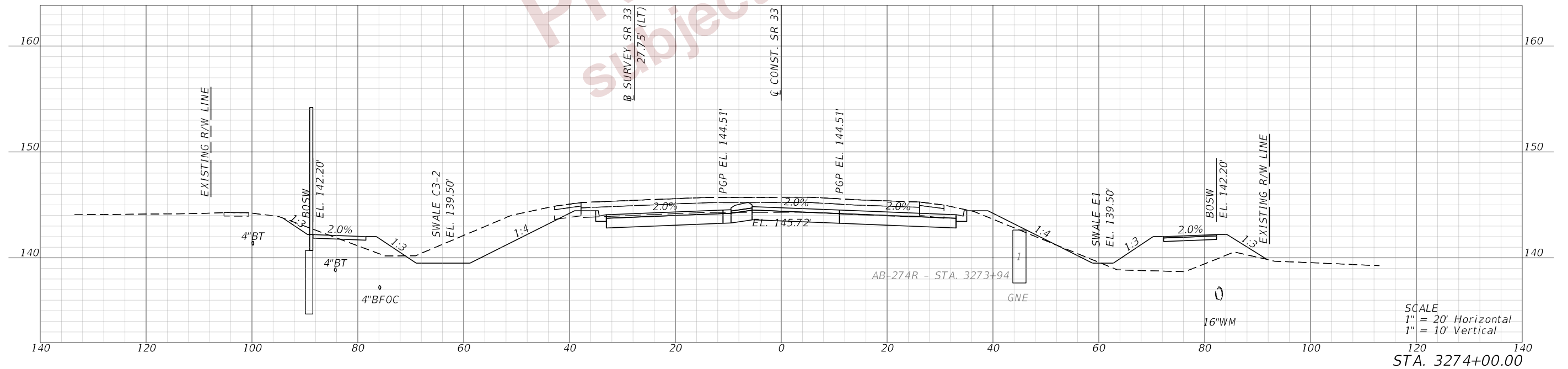
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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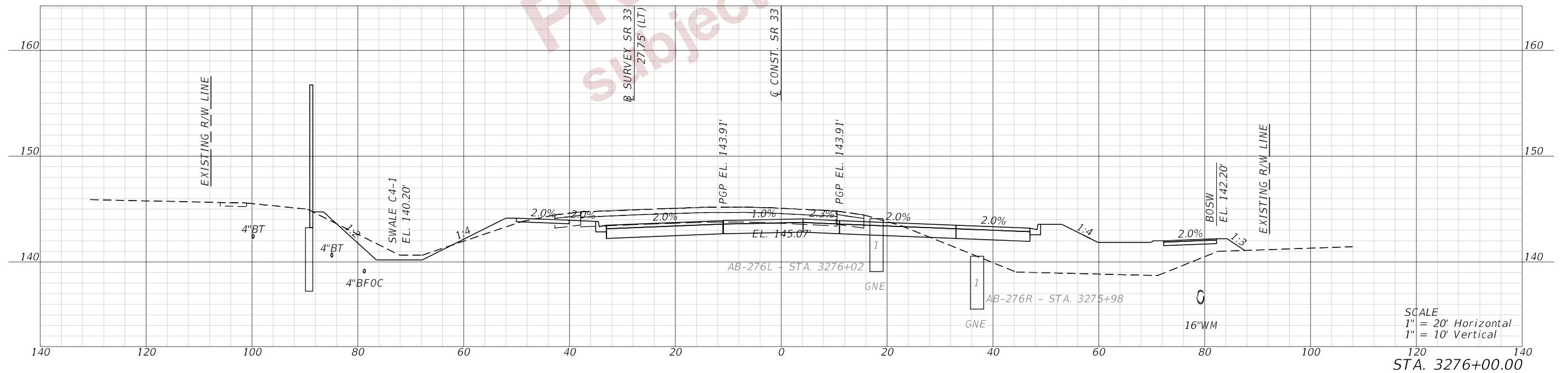
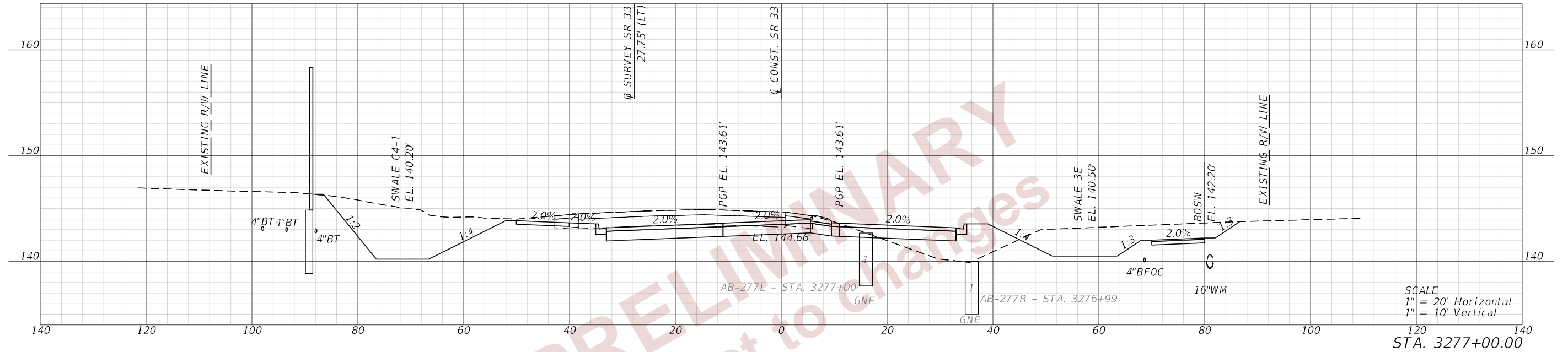


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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (06) SR 33	SHEET NO. 198
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		

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

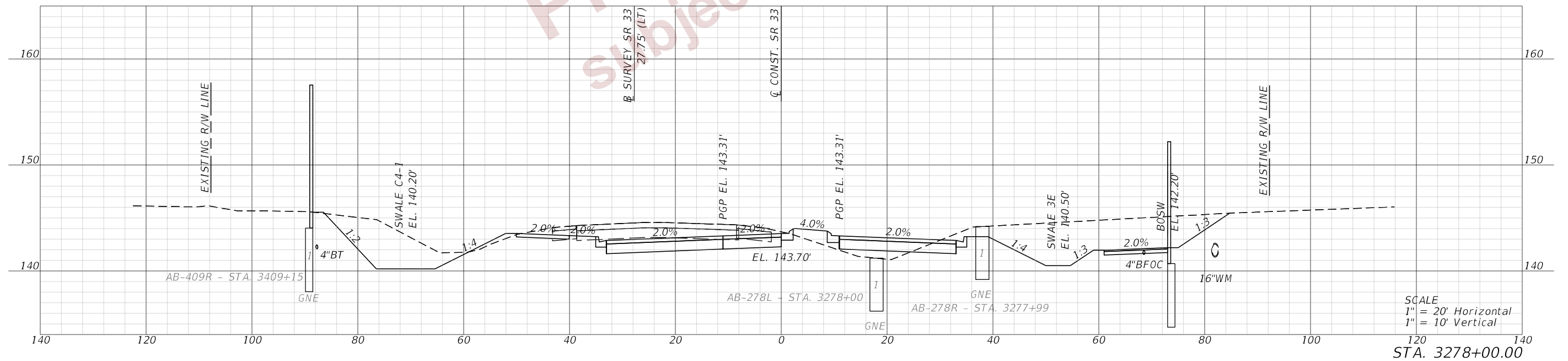
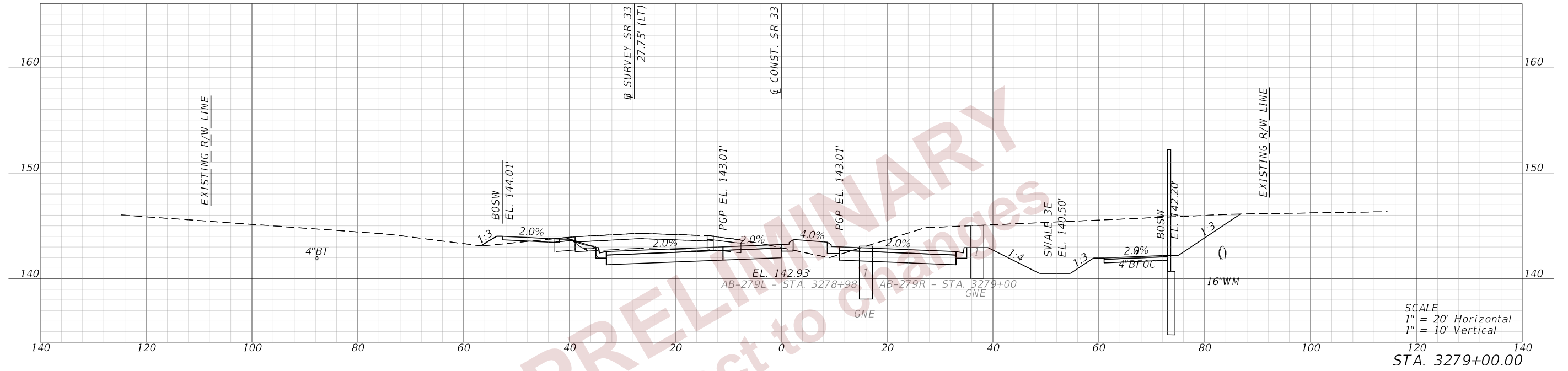
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (07) SR 33	SHEET NO. 199
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		

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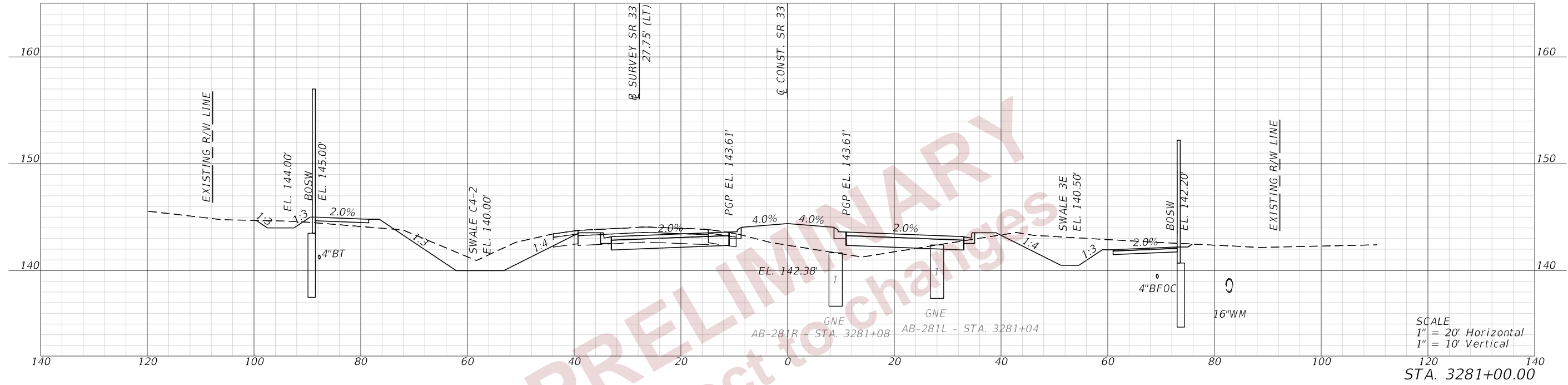
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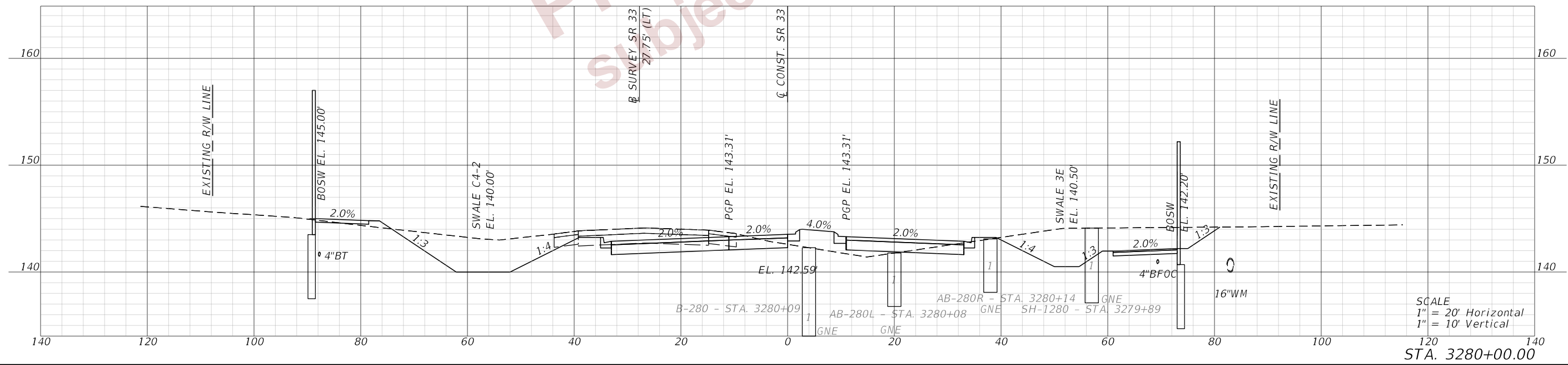
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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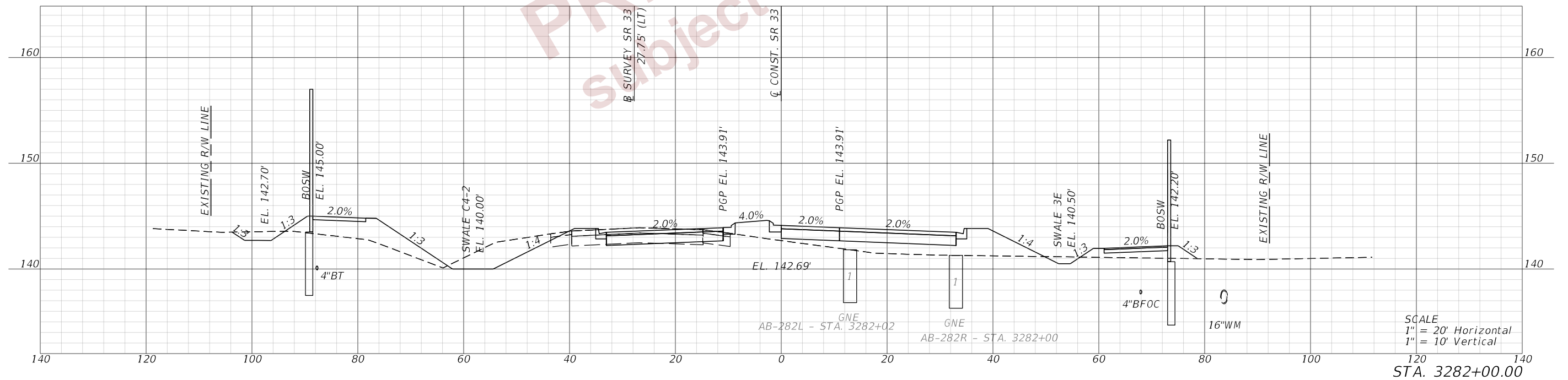
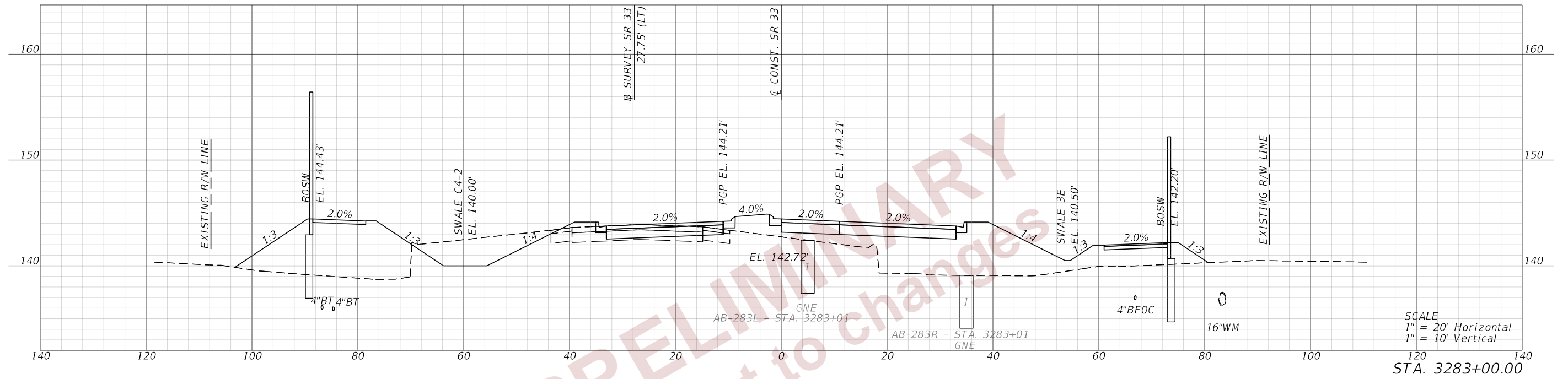


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (09) SR 33	SHEET NO. 201
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		

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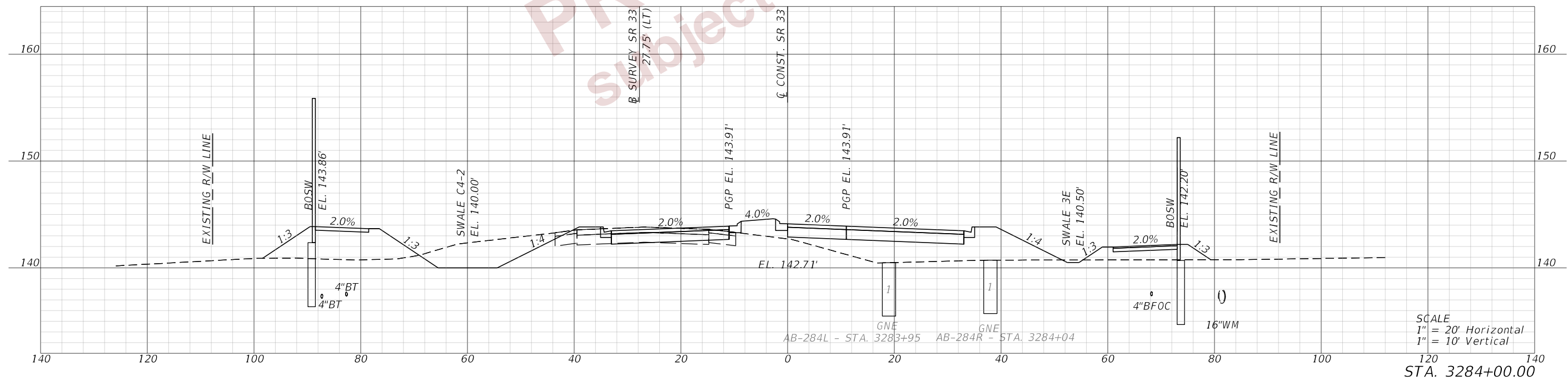
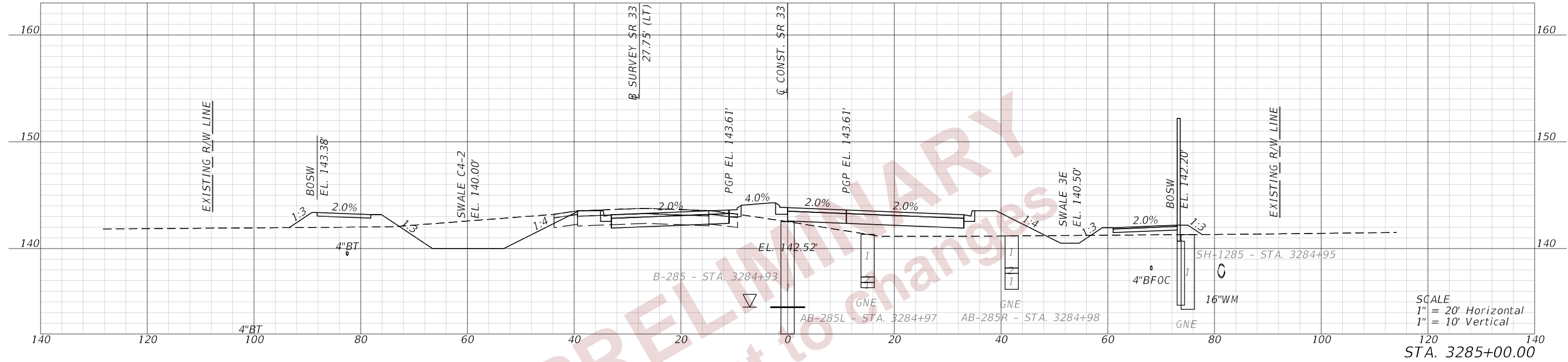
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (10) SR 33	SHEET NO. 202
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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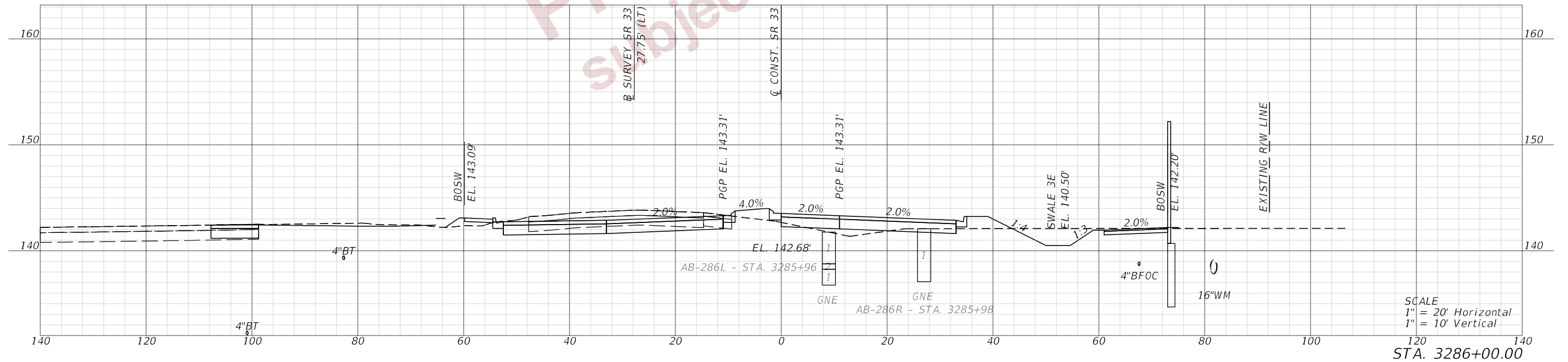
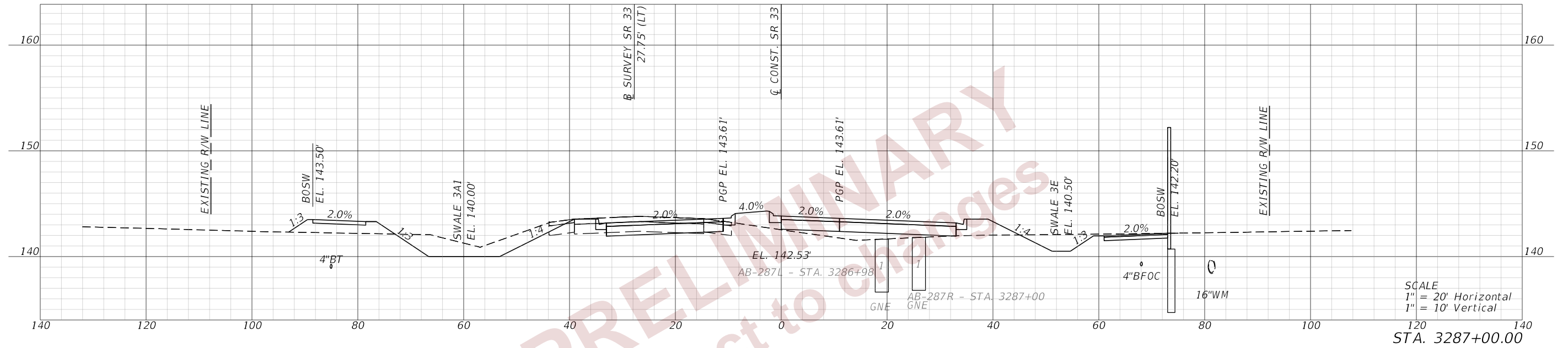
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (11) SR 33	SHEET NO. 203
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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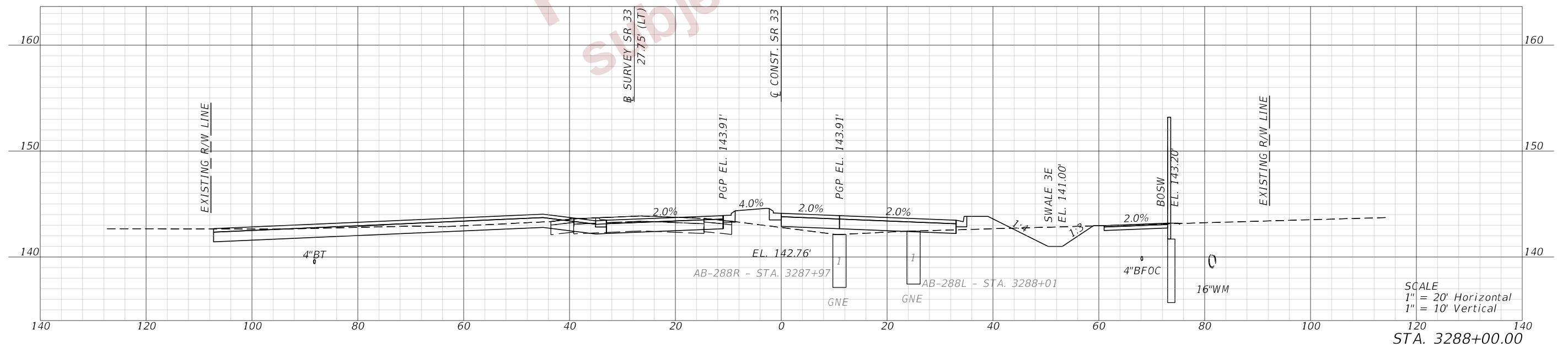
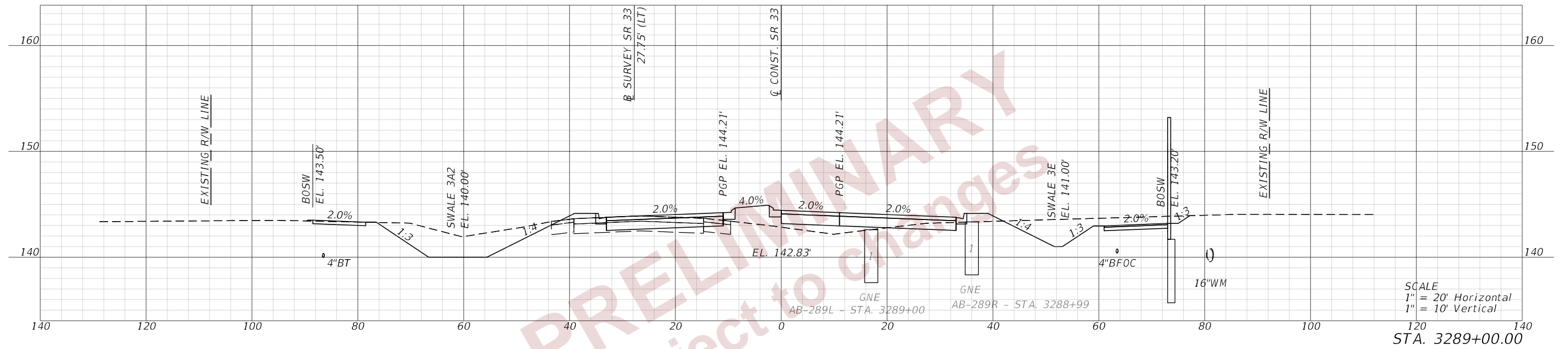
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (12) SR 33	SHEET NO. 204
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

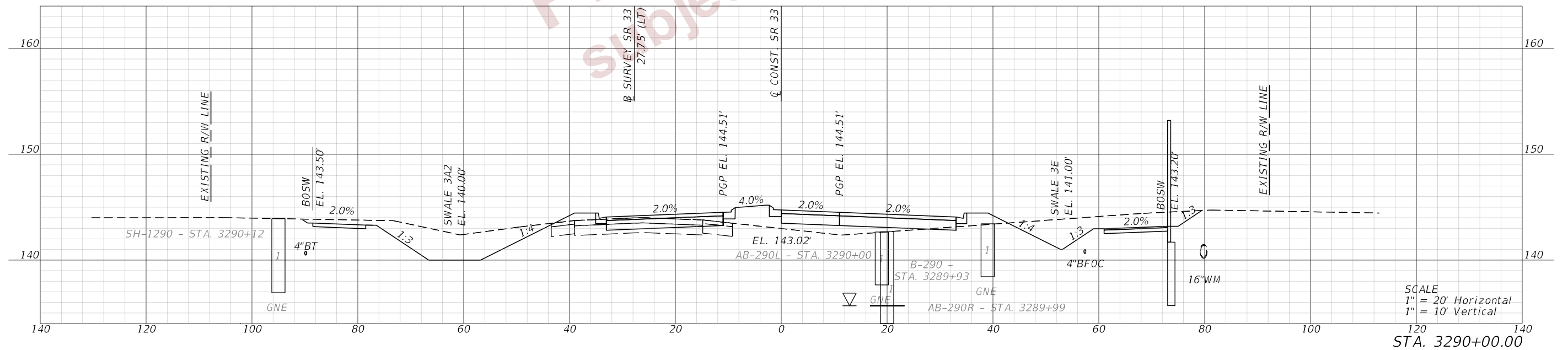
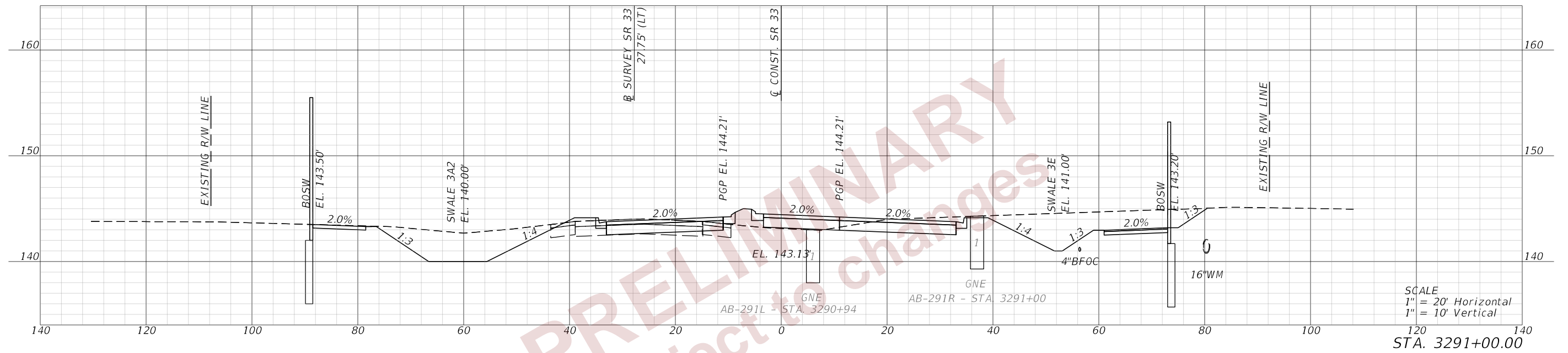
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (13) SR 33	SHEET NO. 205
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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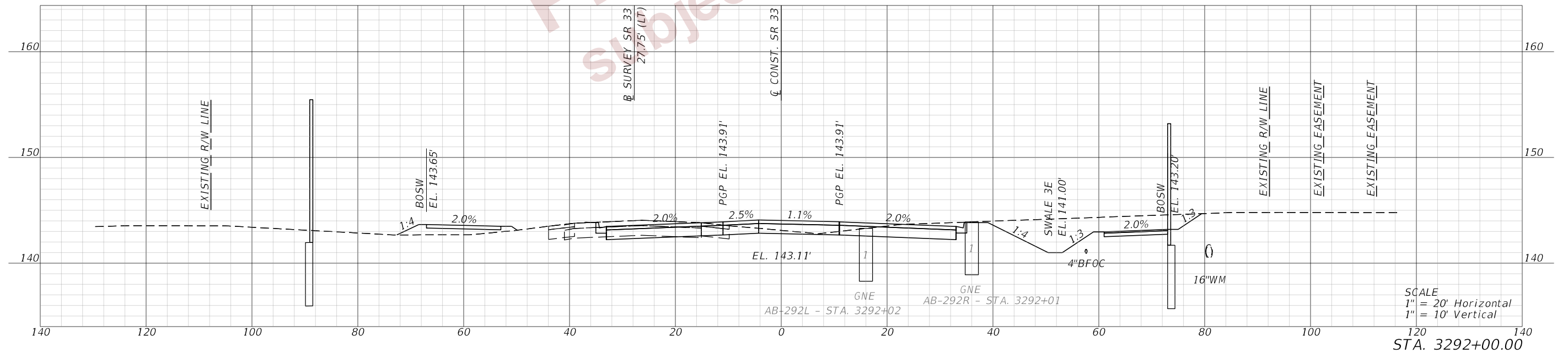
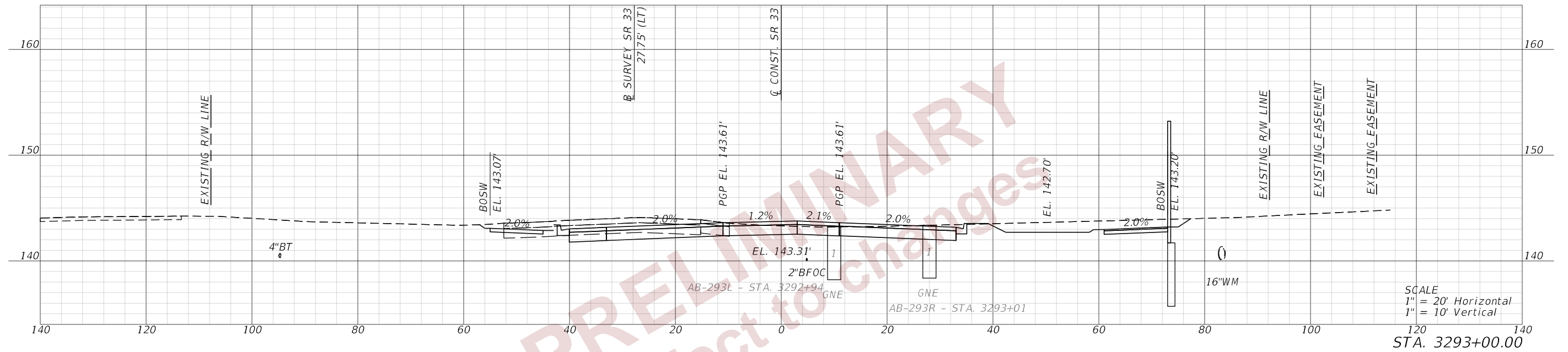
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (14) SR 33	SHEET NO. 206
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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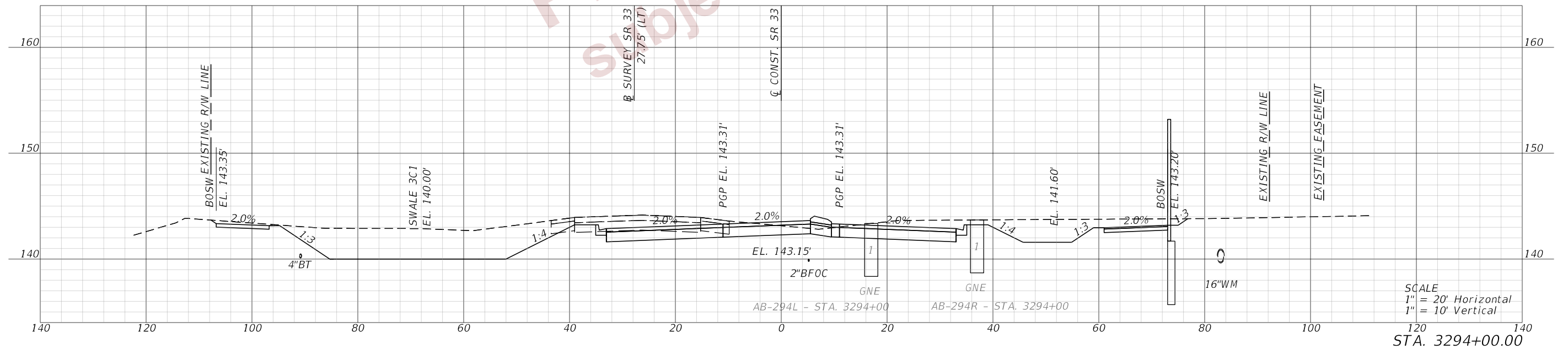
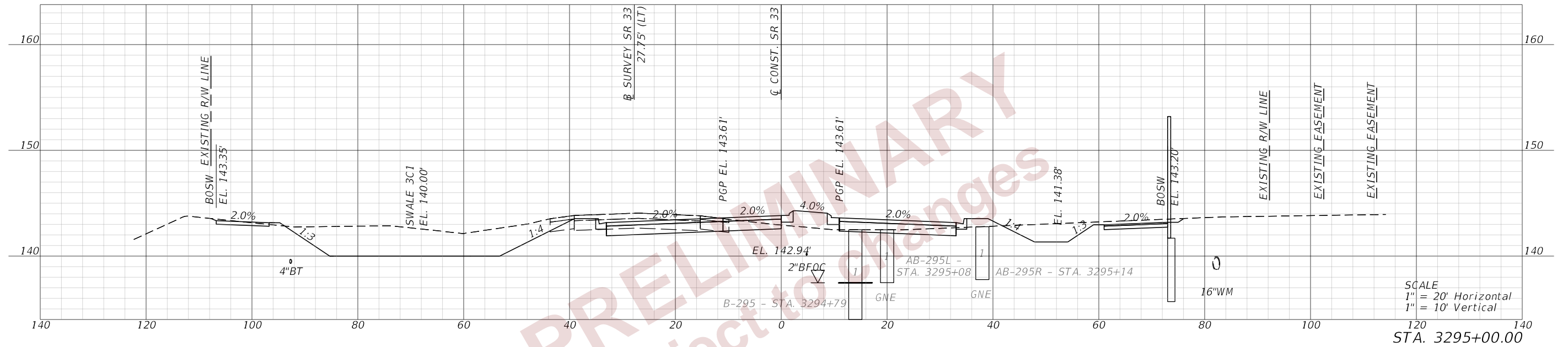
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (15) SR 33	SHEET NO. 207
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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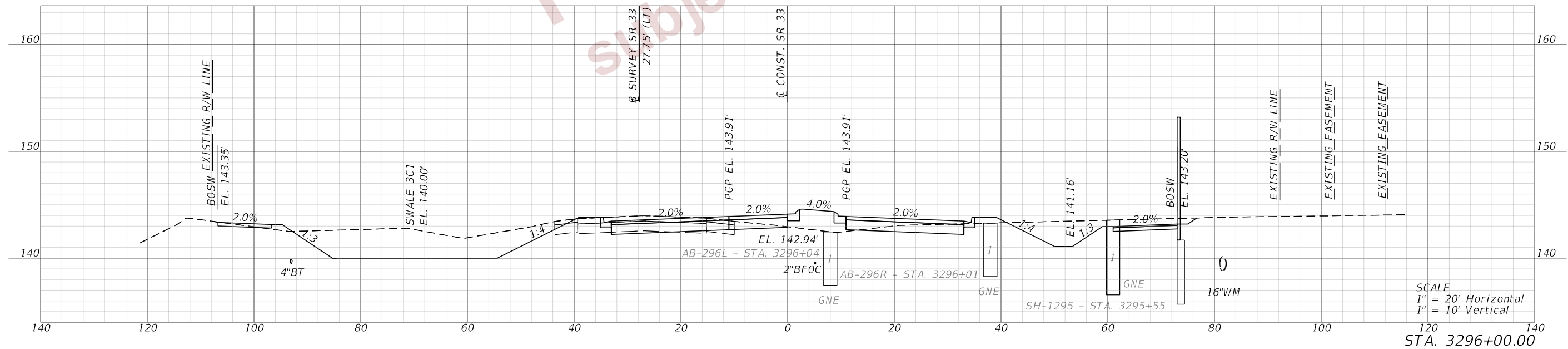
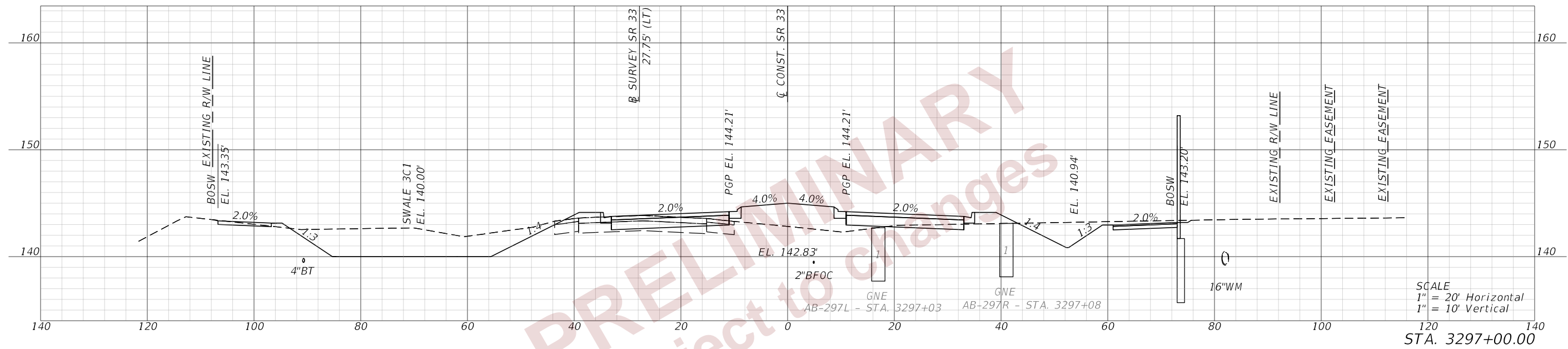
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (16) SR 33	SHEET NO. 208
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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

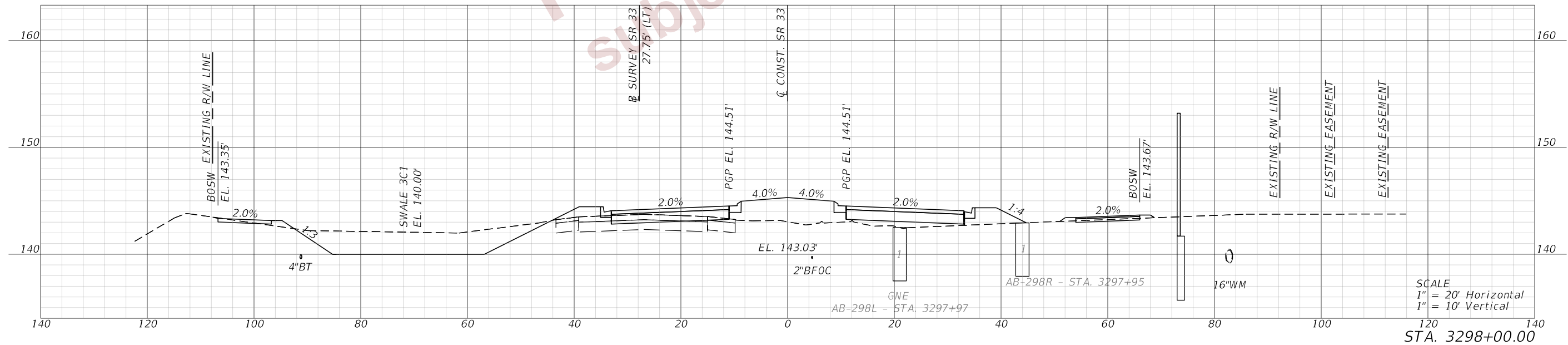
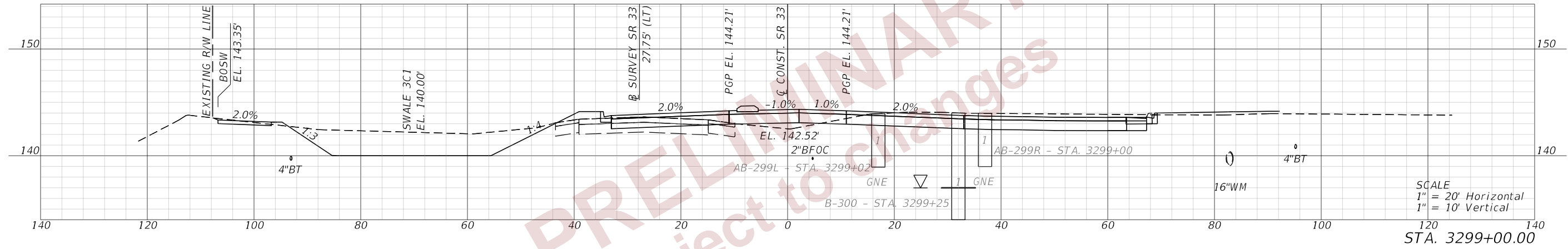
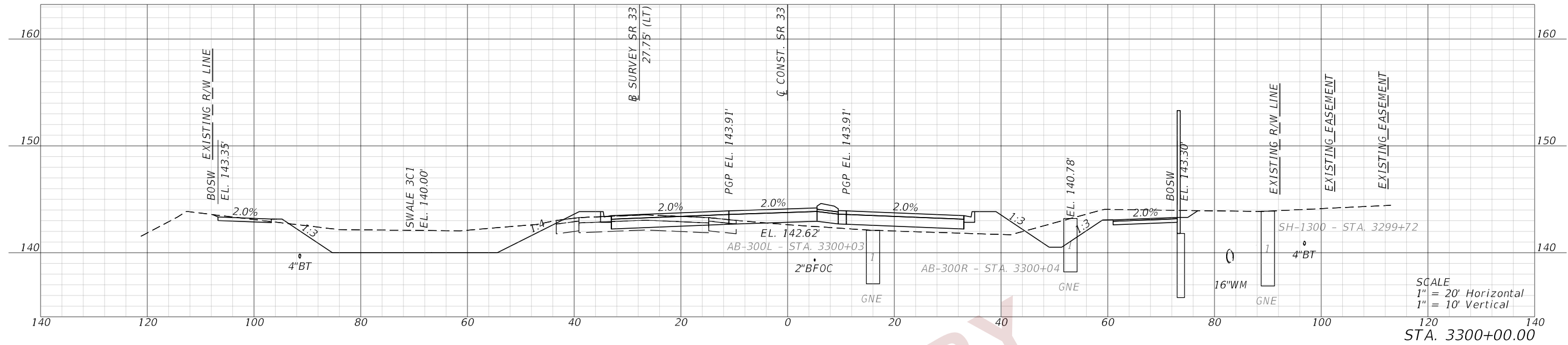
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (17) SR 33	SHEET NO. 209
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

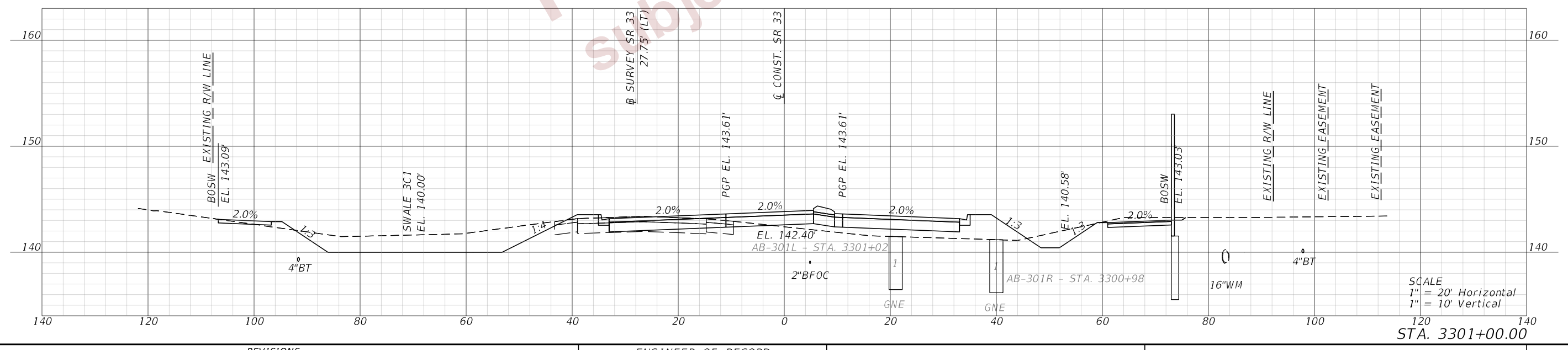
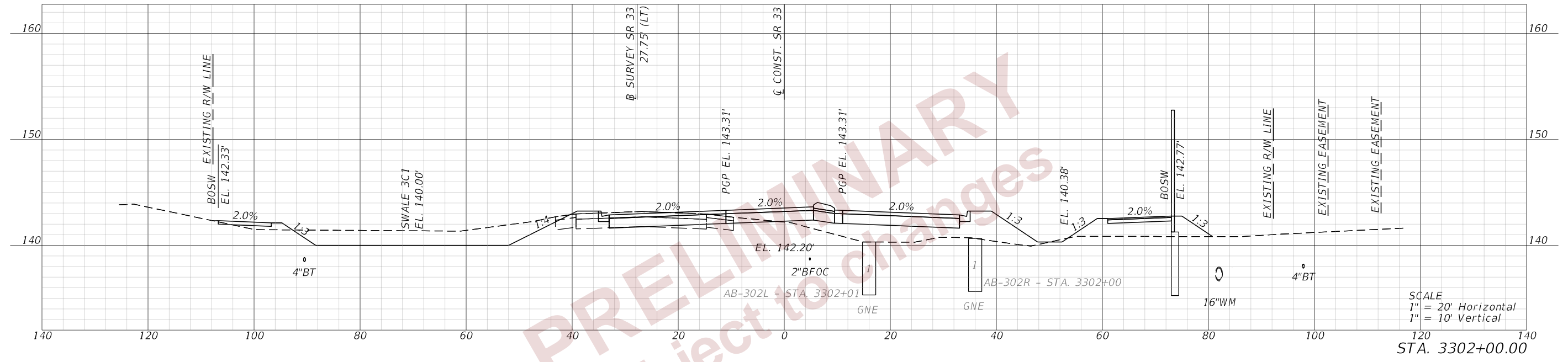
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (18) SR 33	SHEET NO. 210
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

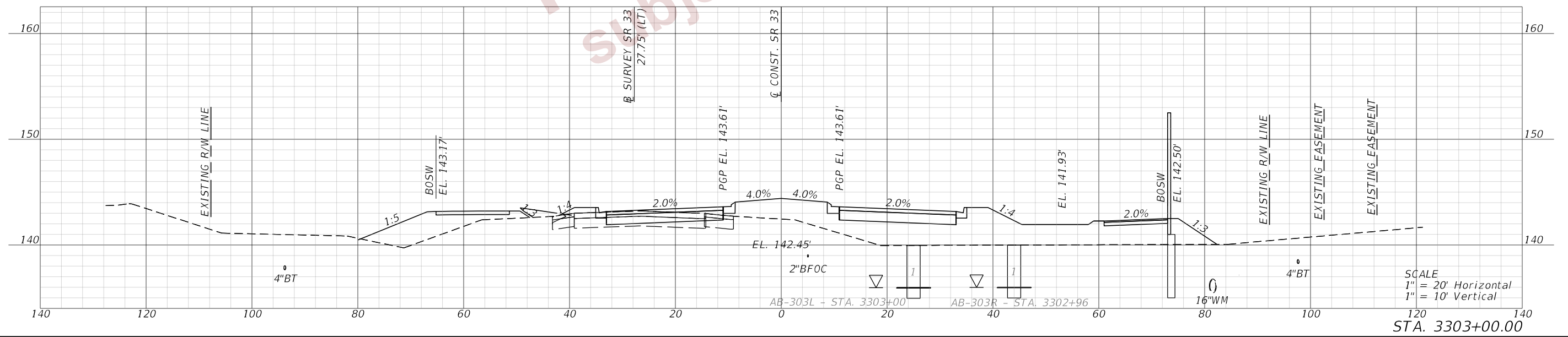
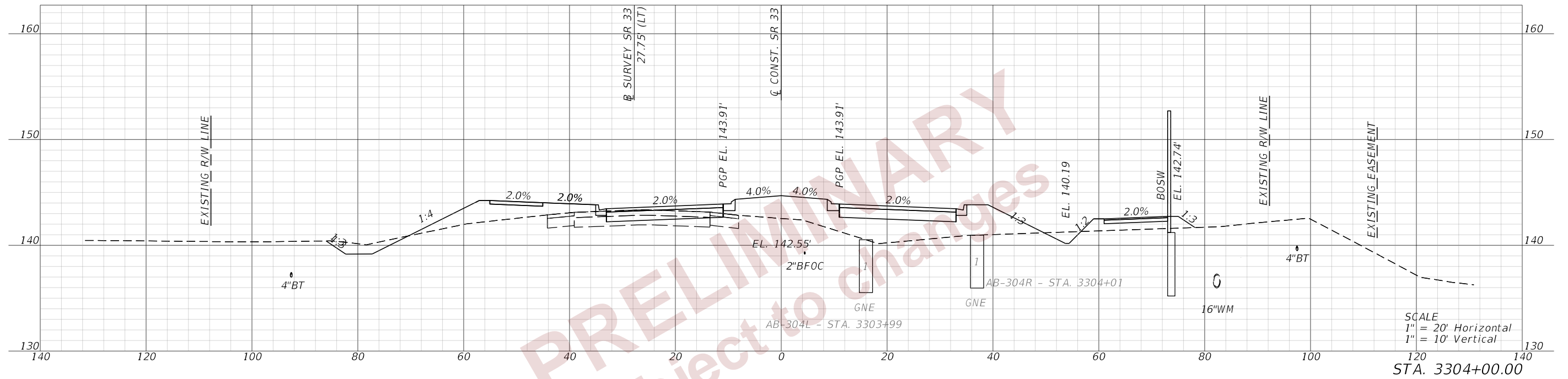
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (19) SR 33	SHEET NO. 211
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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

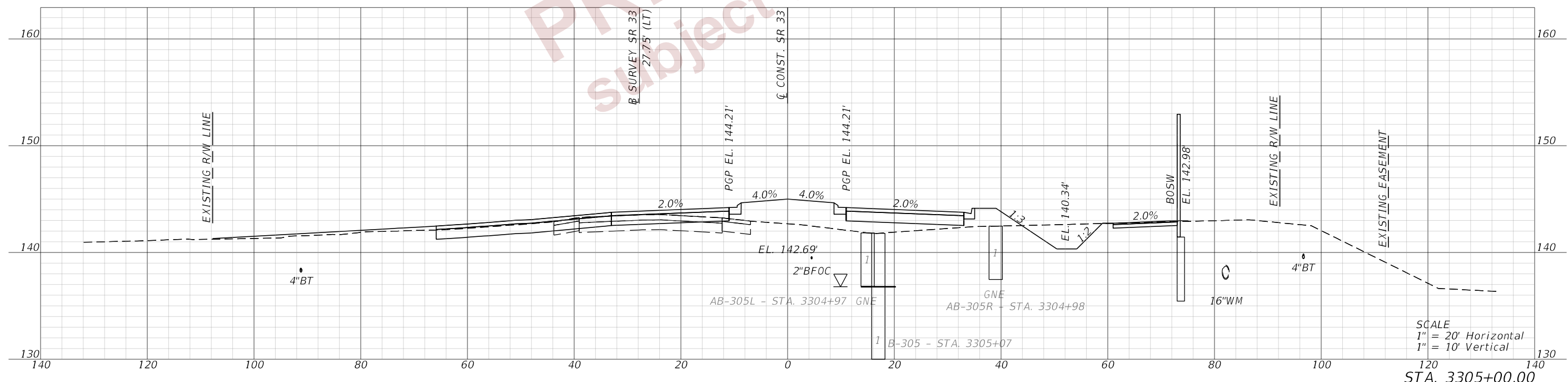
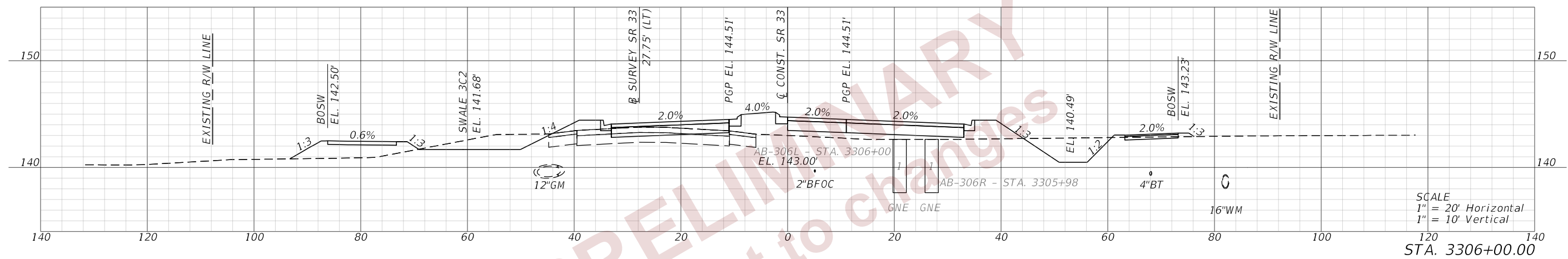
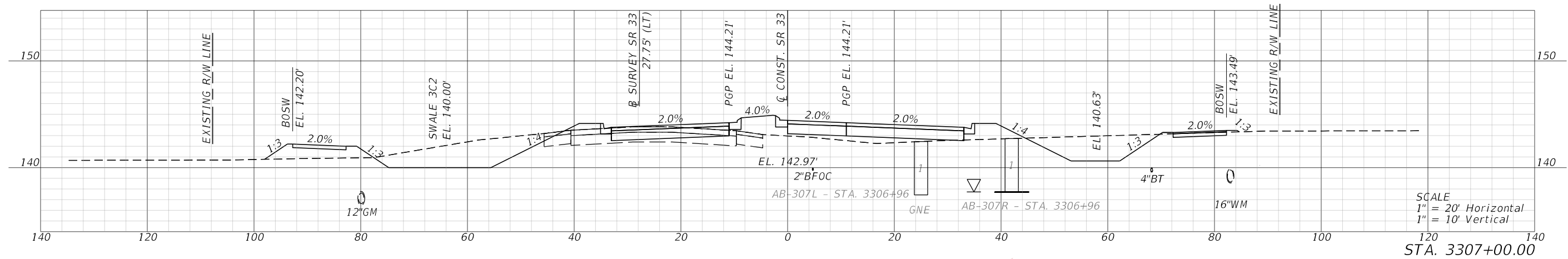
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (20) SR 33	SHEET NO. 212
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

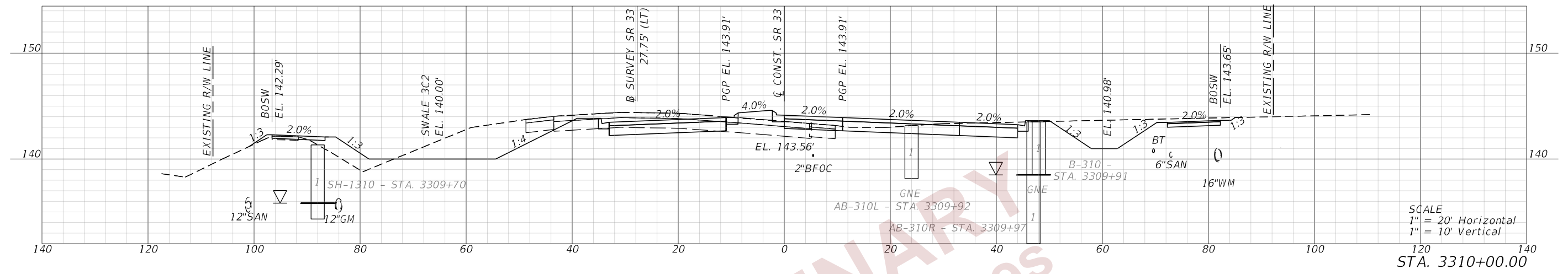
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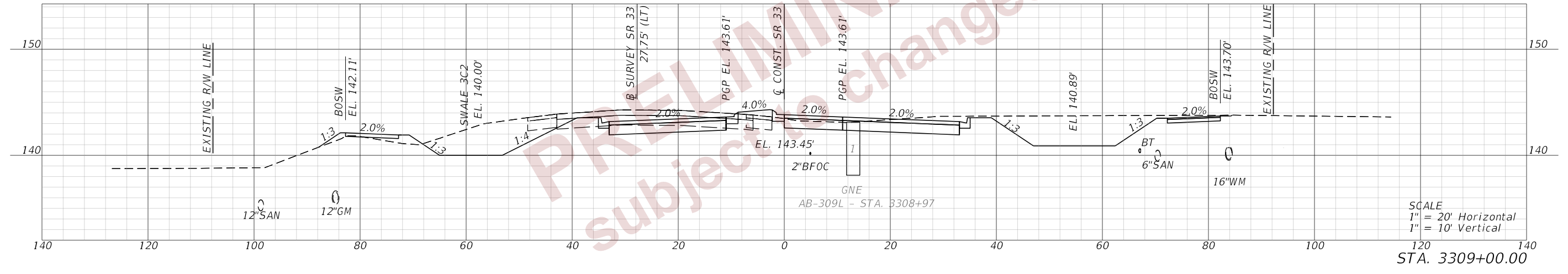
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

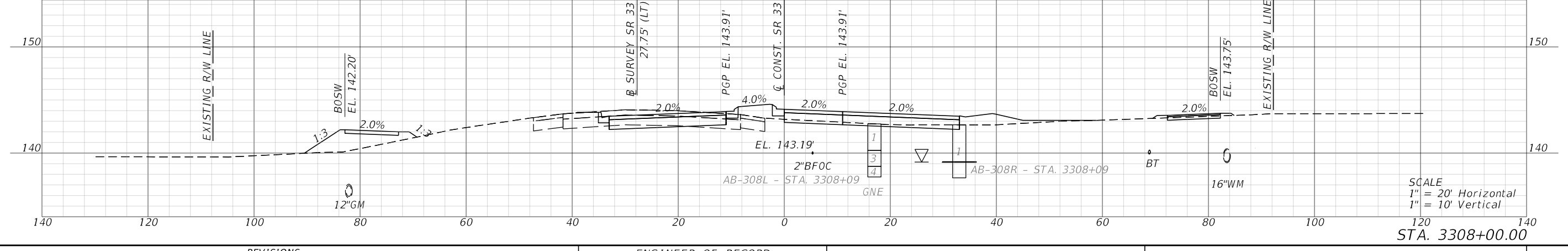
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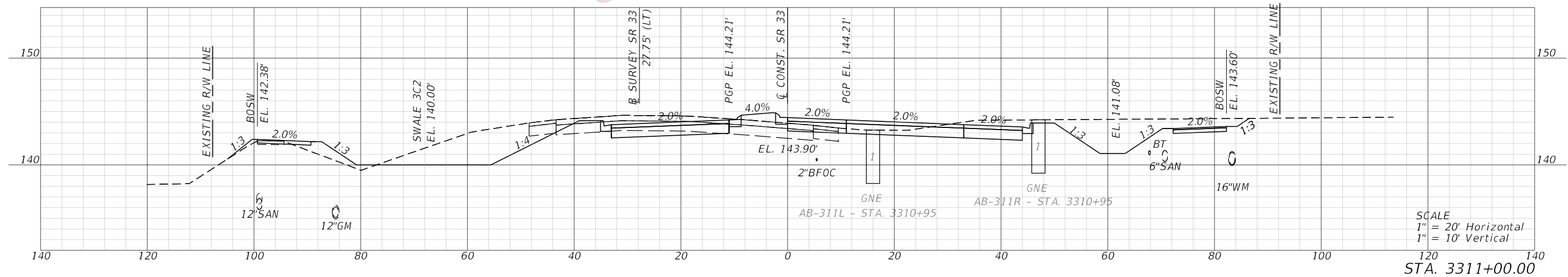
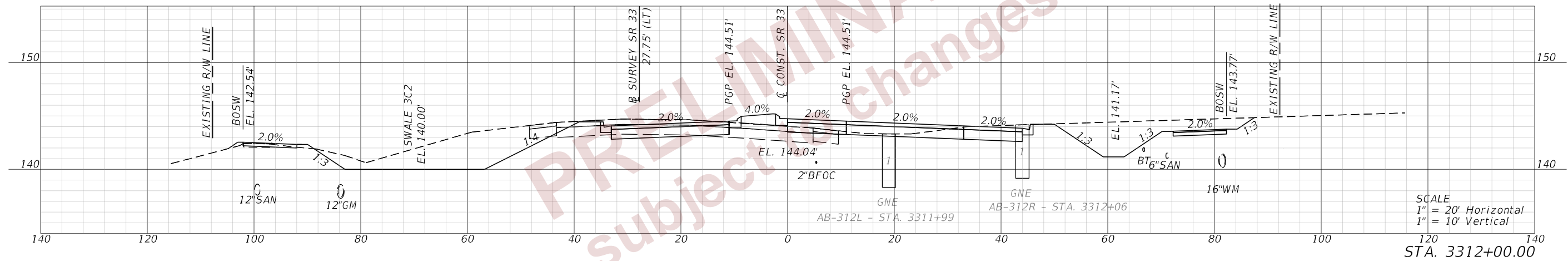
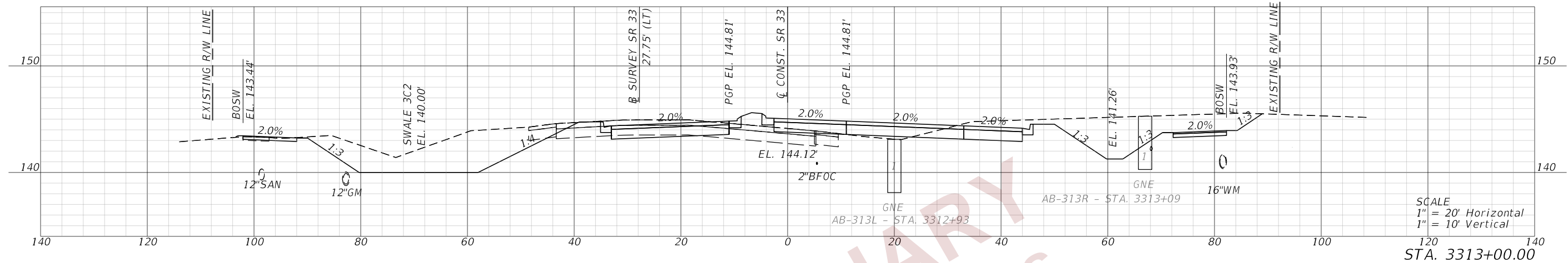


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (22) SR 33	SHEET NO. 214
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

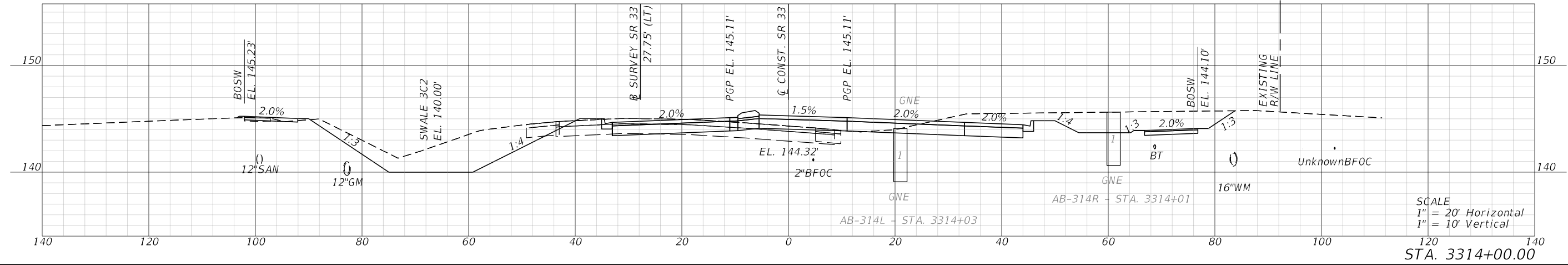
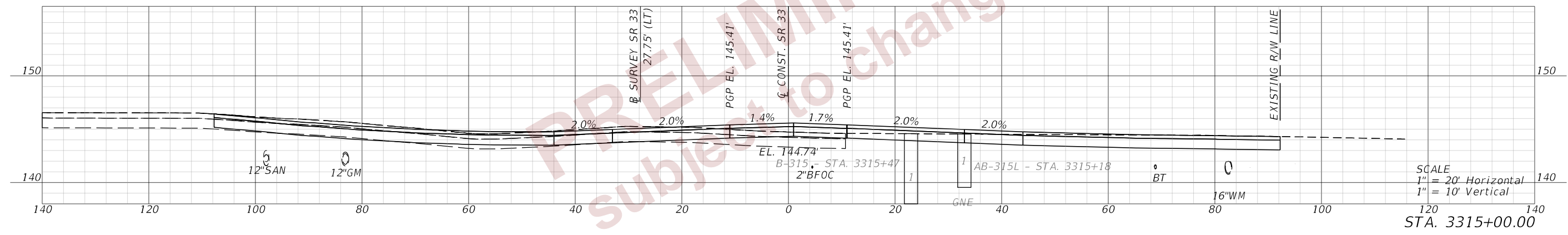
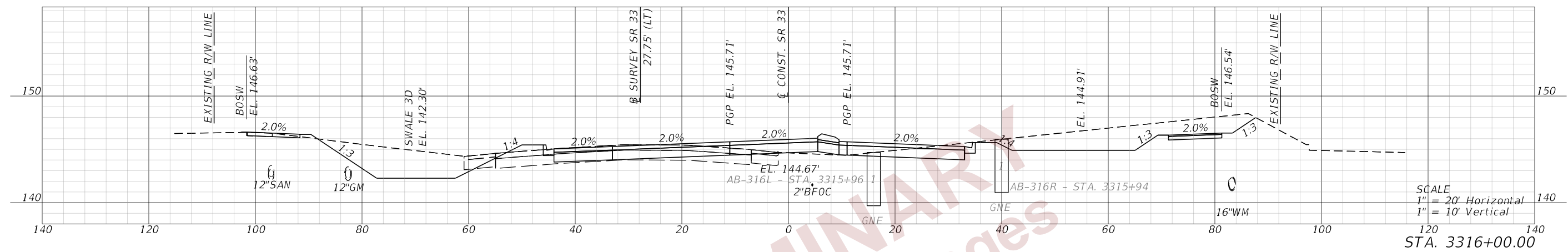
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (23) SR 33	SHEET NO. 215
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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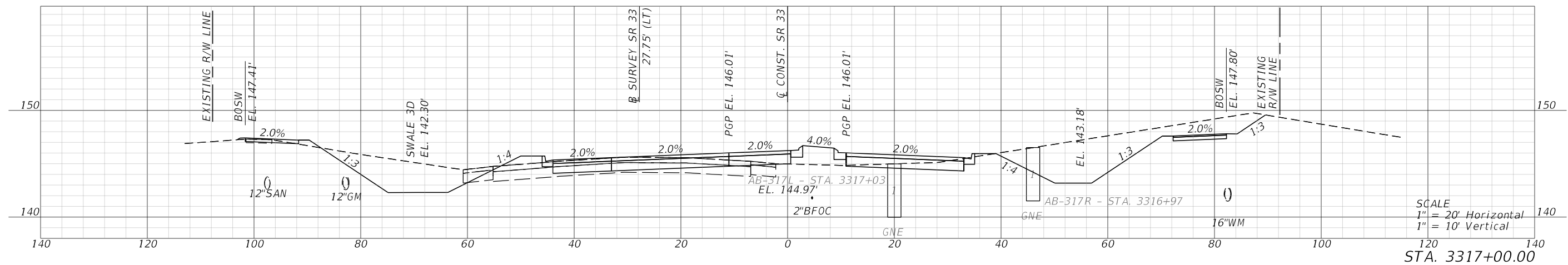
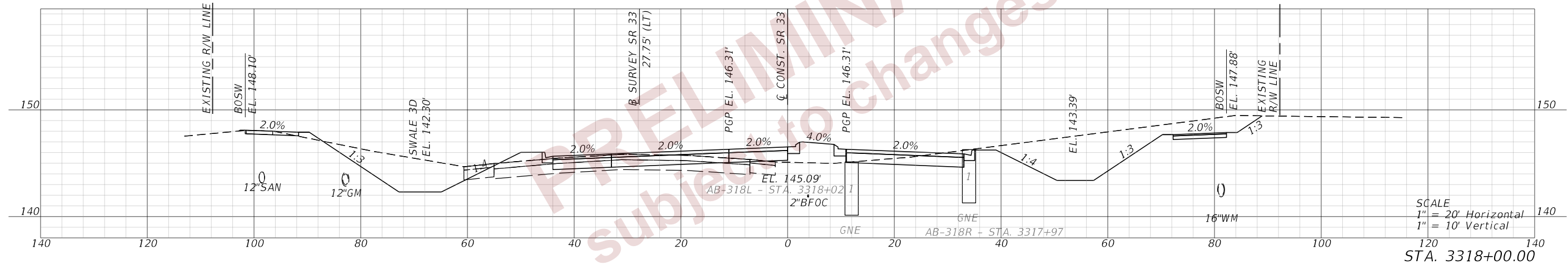
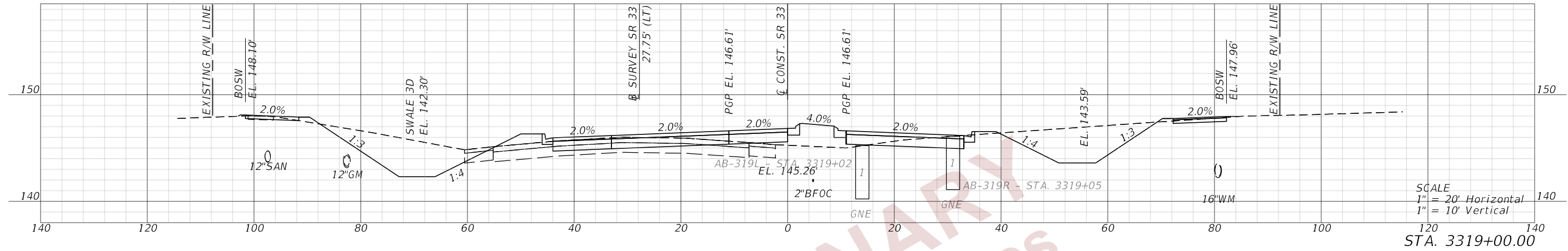
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (24) SR 33	SHEET NO. 216
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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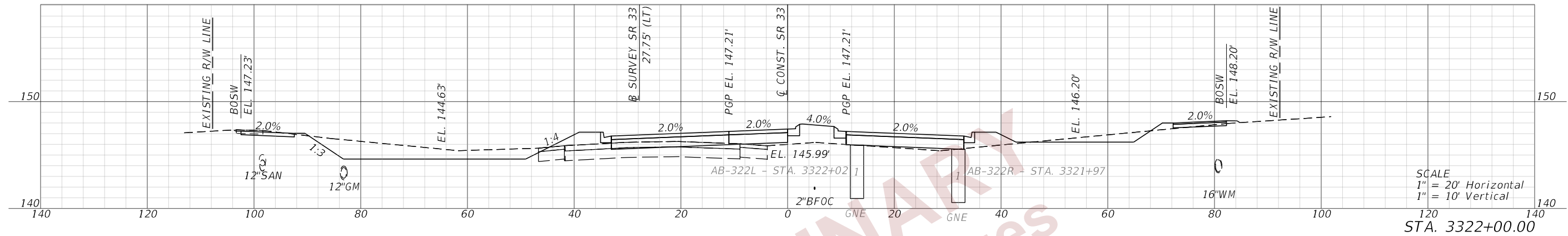
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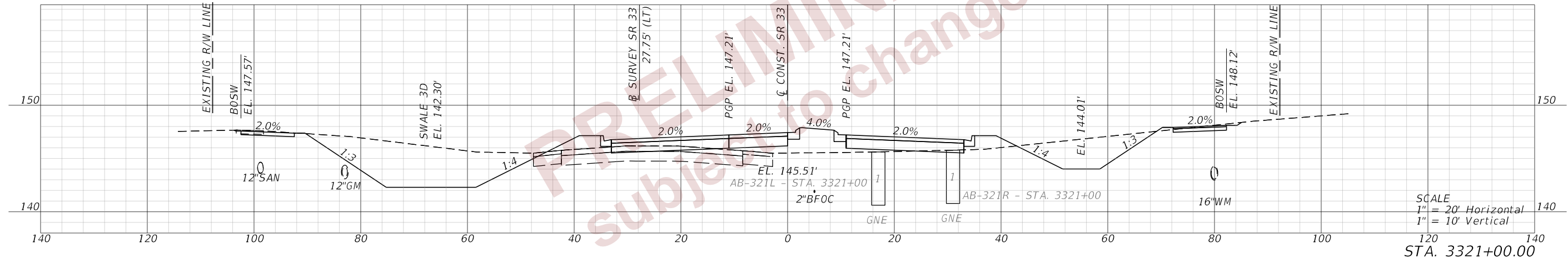
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DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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

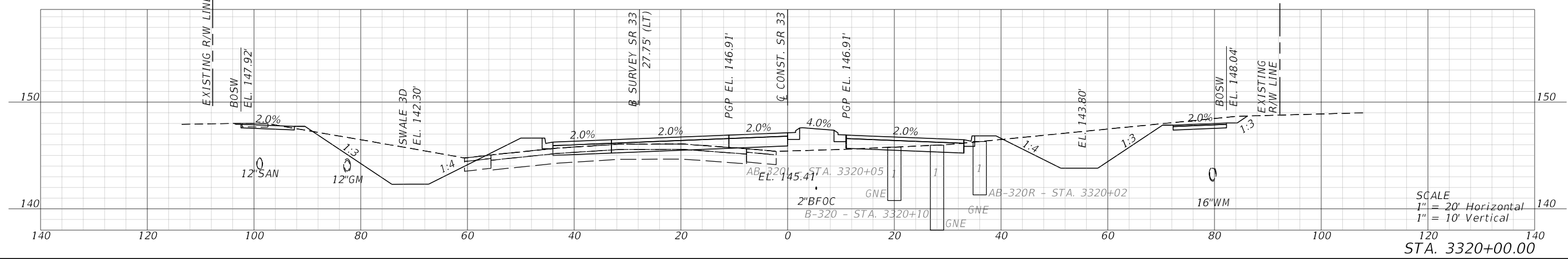
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SCALE
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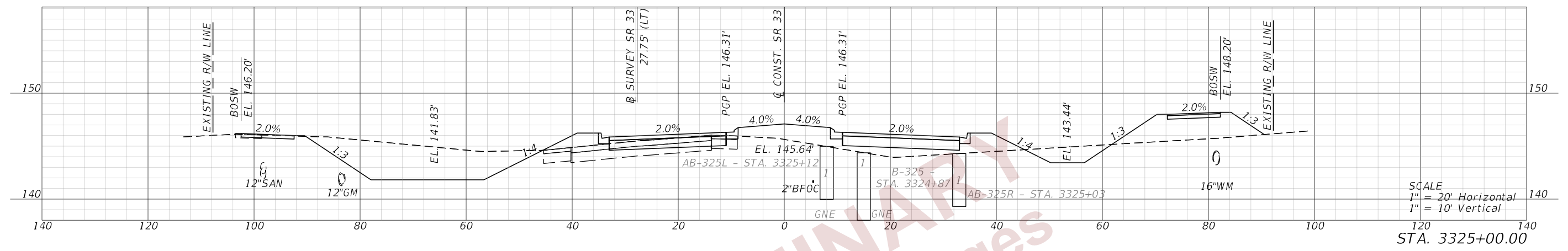


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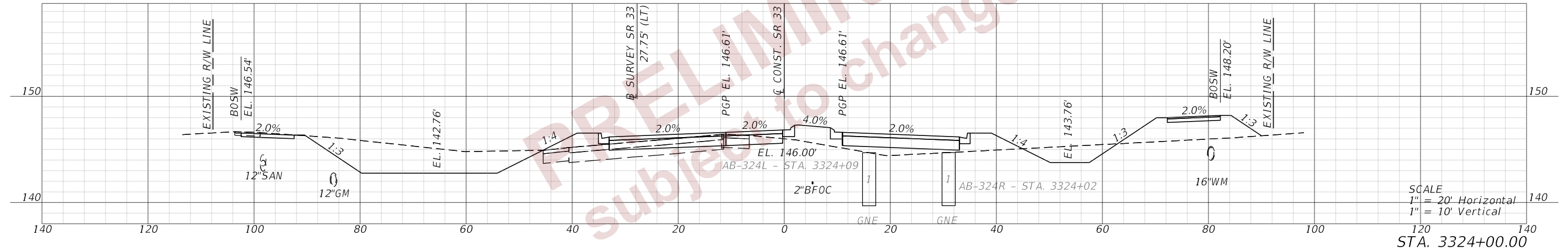
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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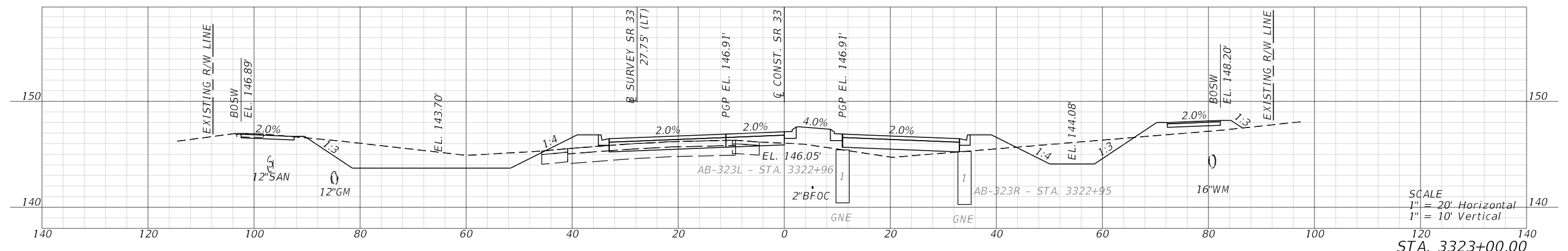
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 STA. 3325+00.00



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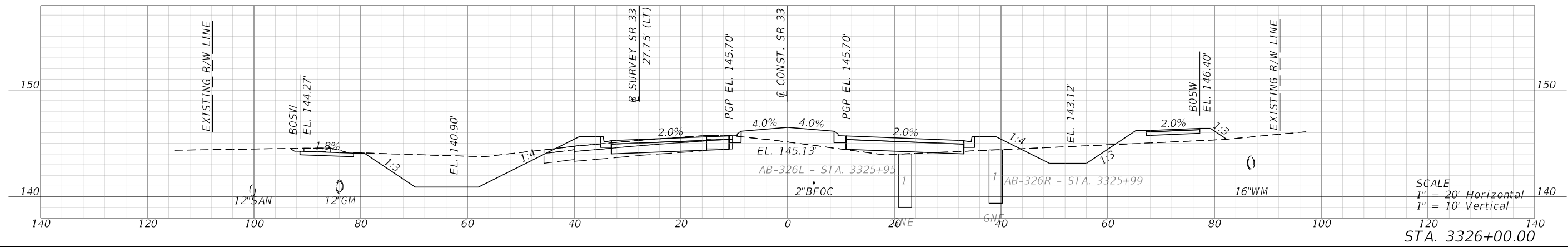
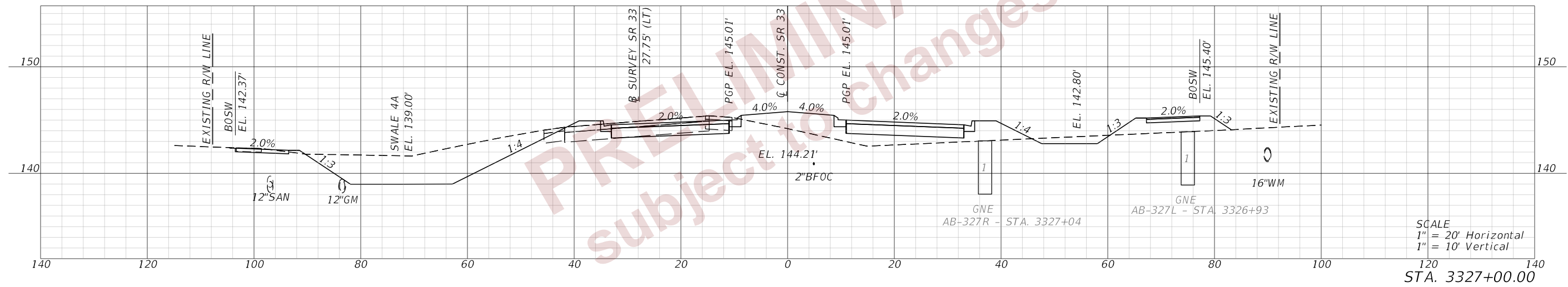
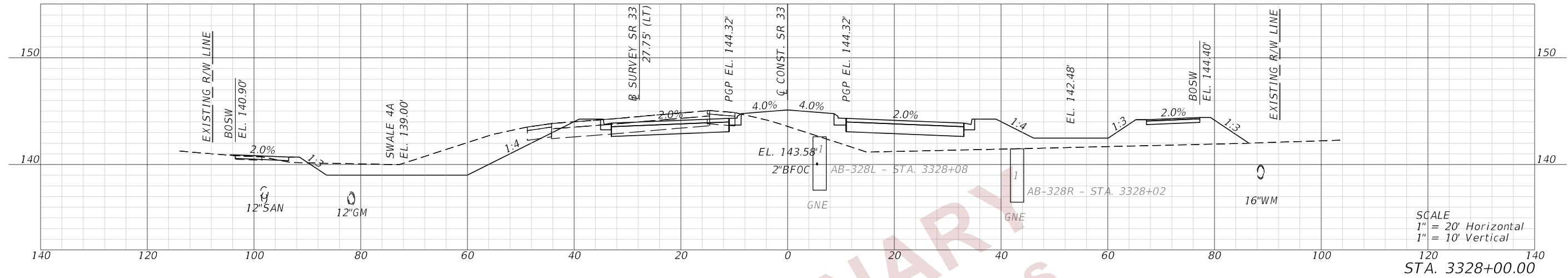


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 STA. 3323+00.00

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (27) SR 33	SHEET NO. 219
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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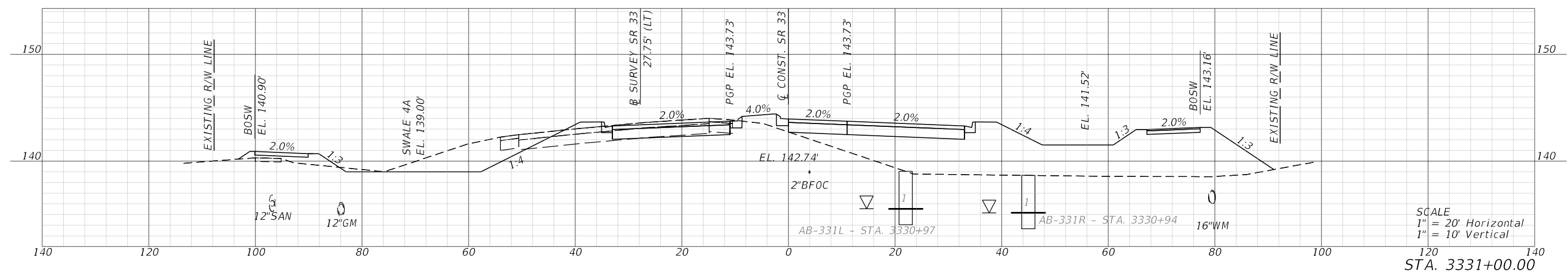
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (28) SR 33	SHEET NO. 220
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

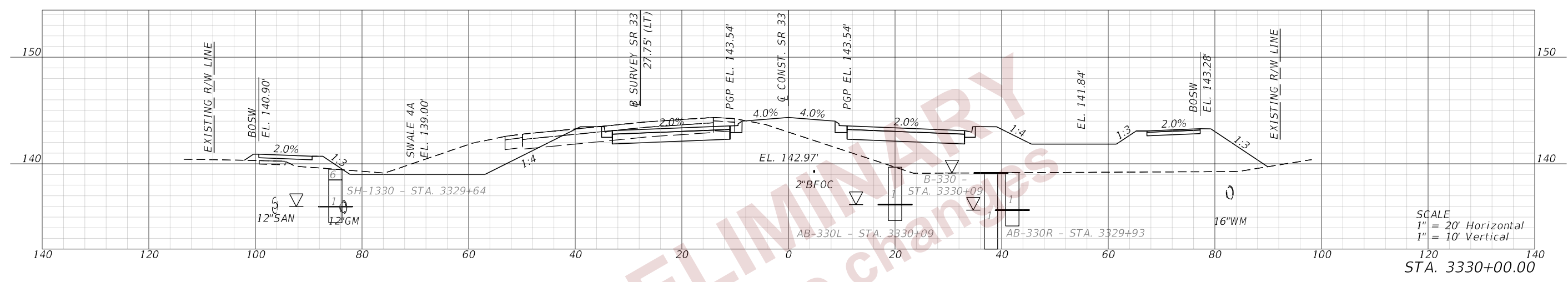
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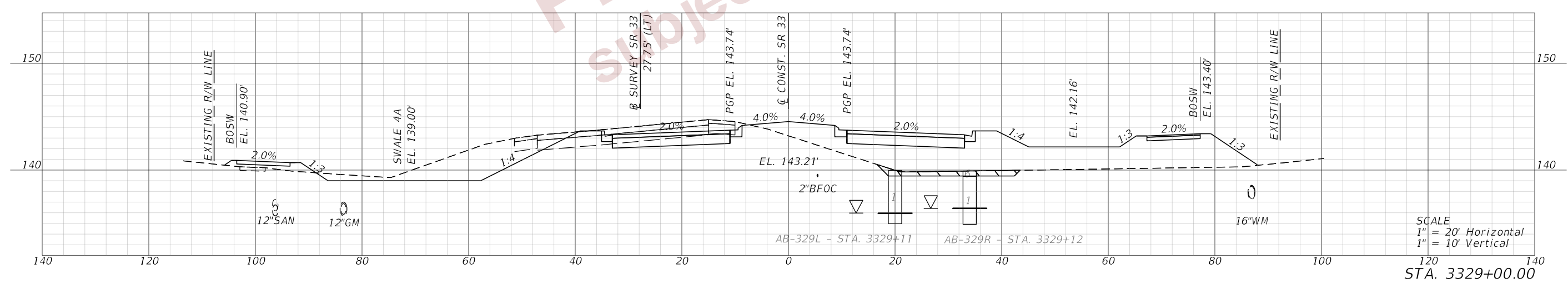
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STA. 3330+00.00

END SUBSOIL EXCAVATION
STA. 3329+50.00



SCALE
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STA. 3329+00.00

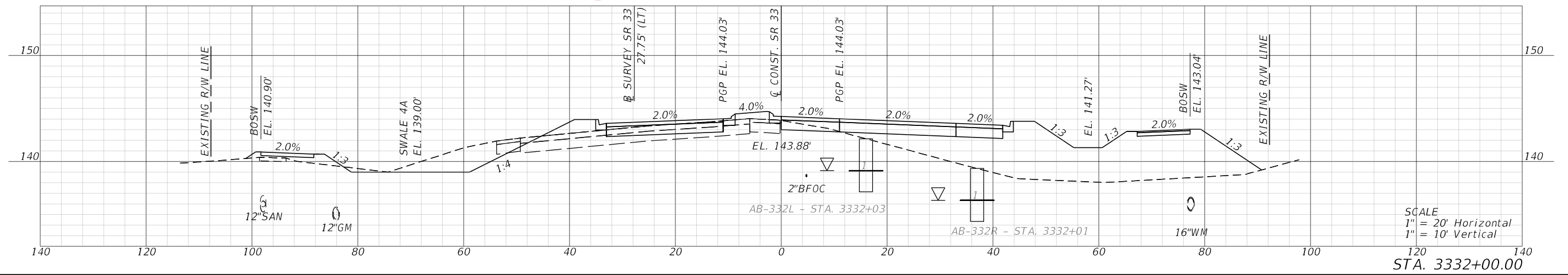
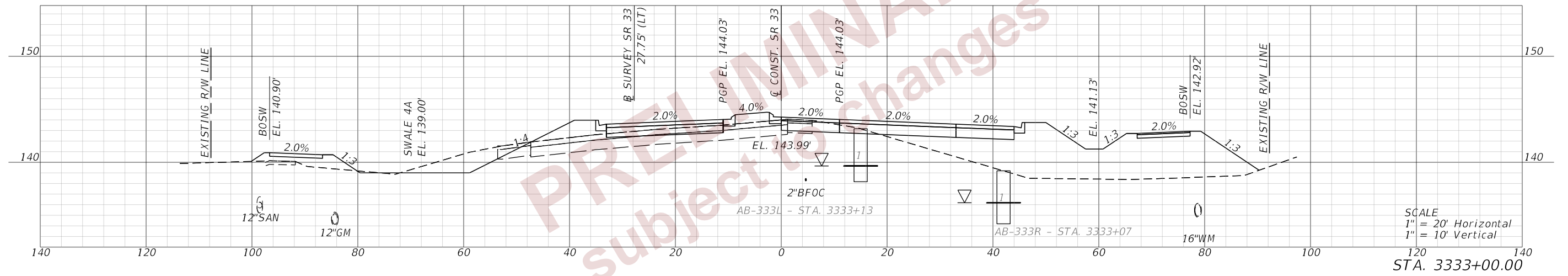
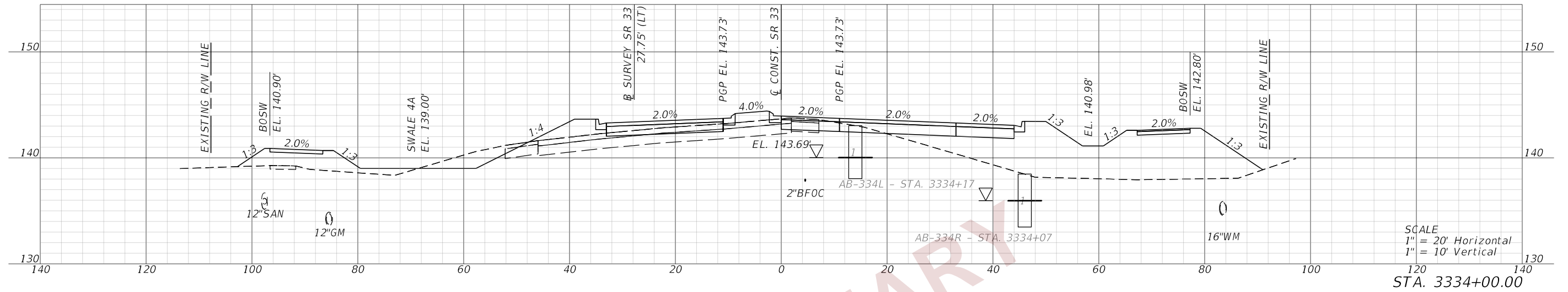
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STA. 3328+50.00

PRELIMINARY
Subject to changes

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (29) SR 33	SHEET NO. 221
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

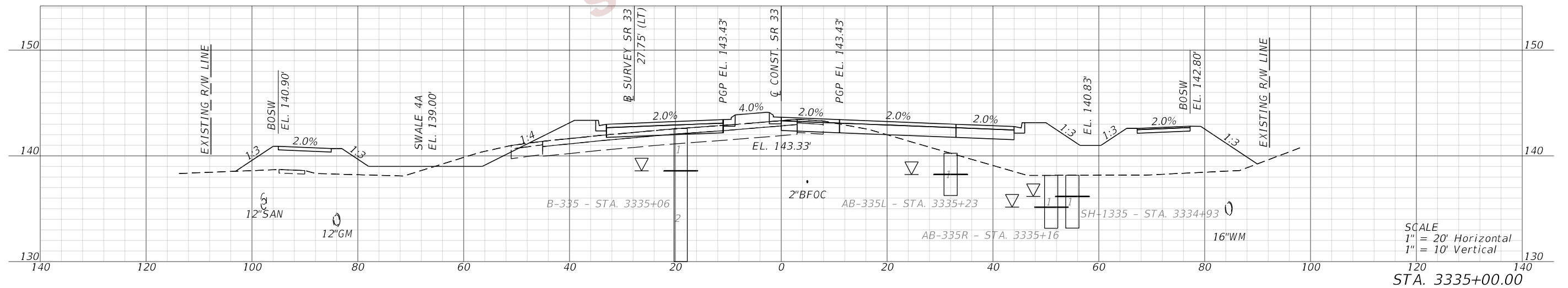
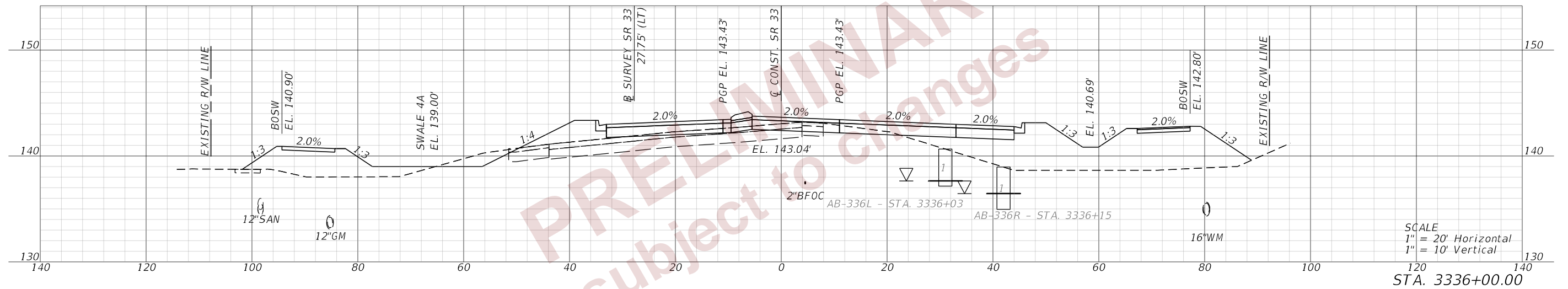
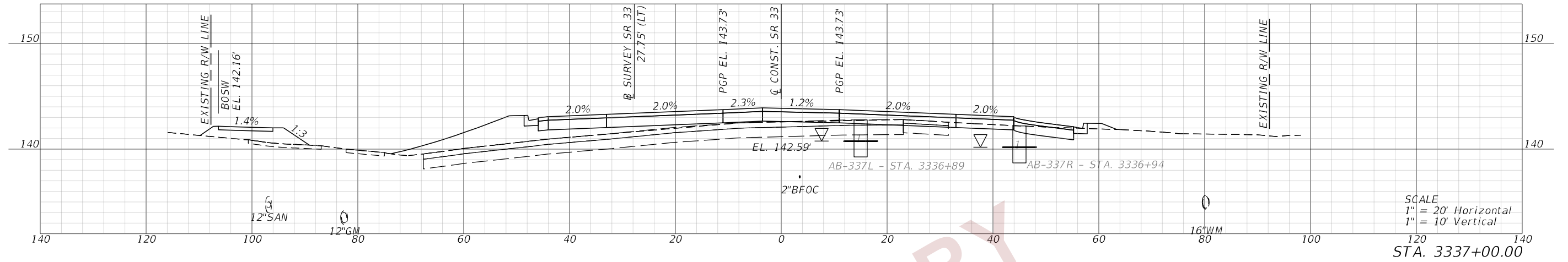
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (30) SR 33	SHEET NO. 222
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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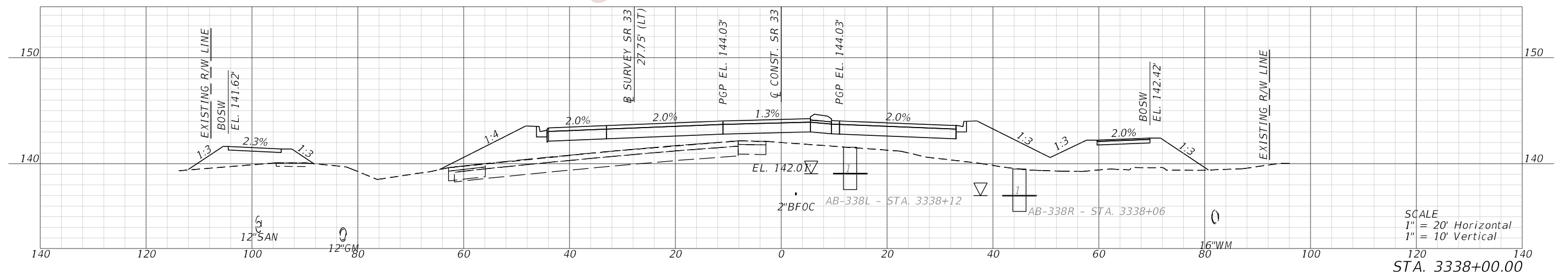
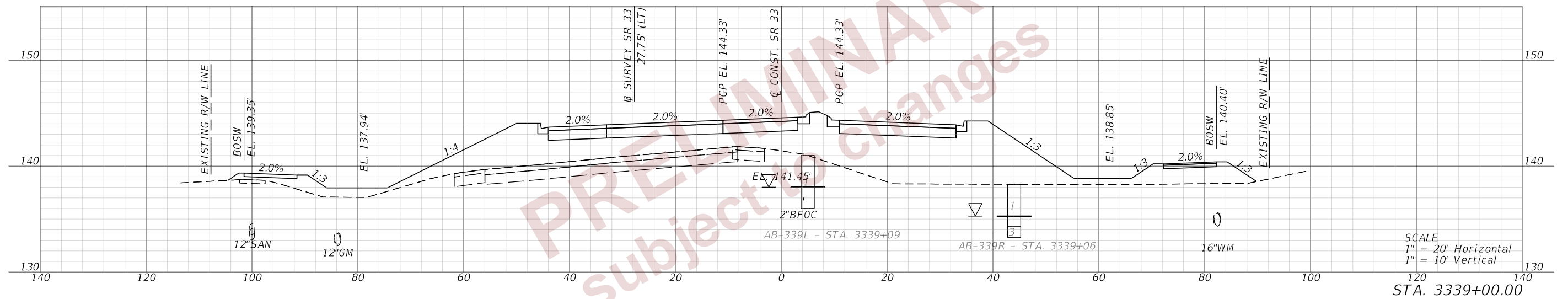
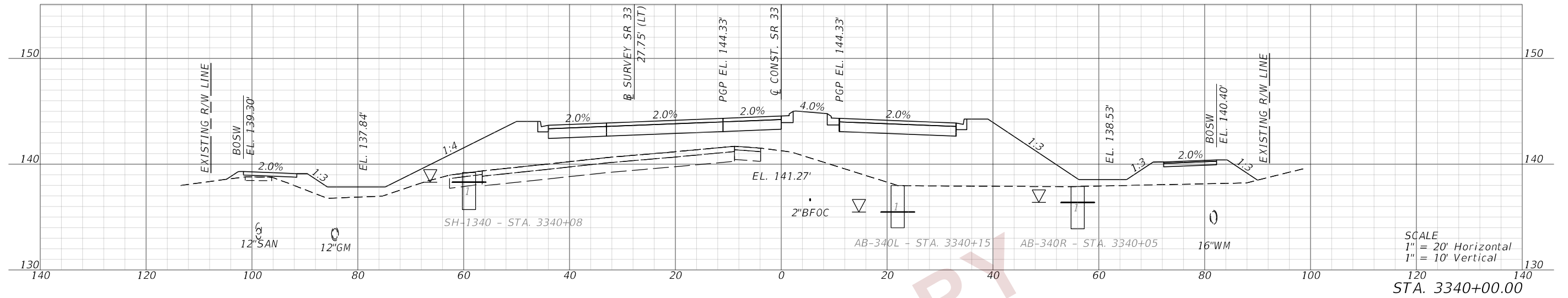
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (31) SR 33	SHEET NO. 223
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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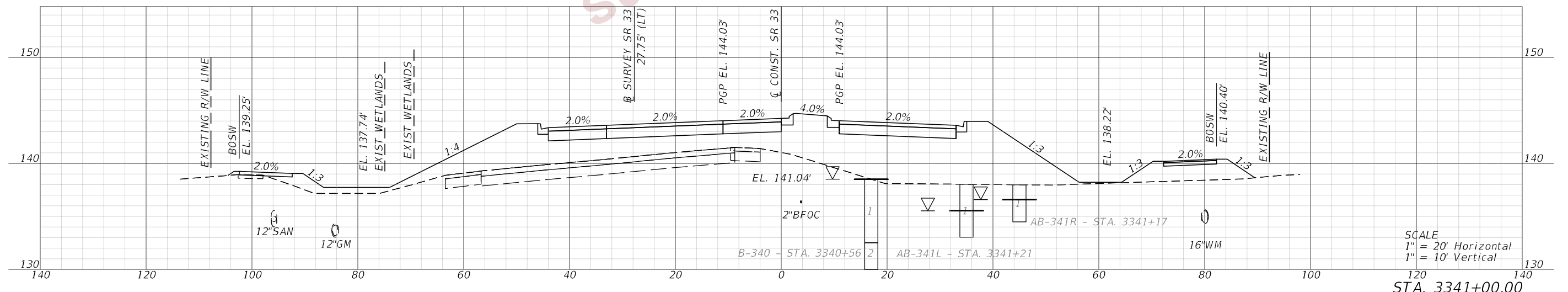
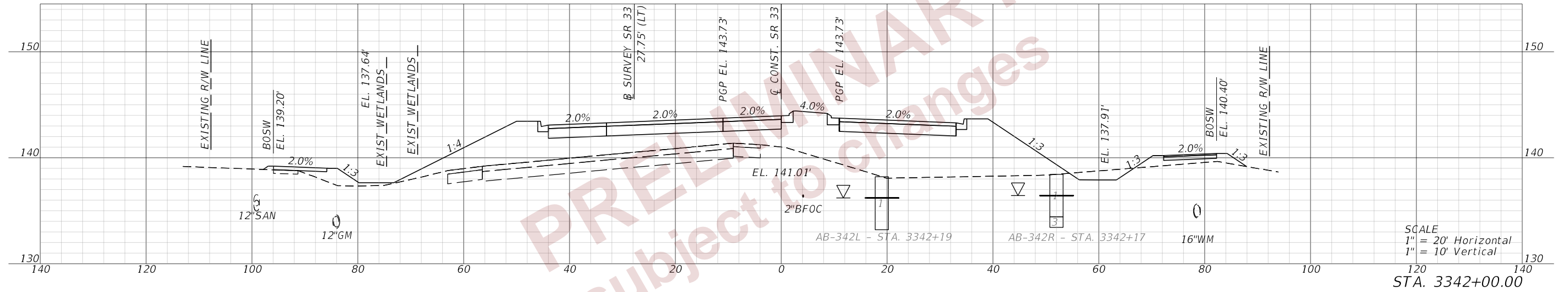
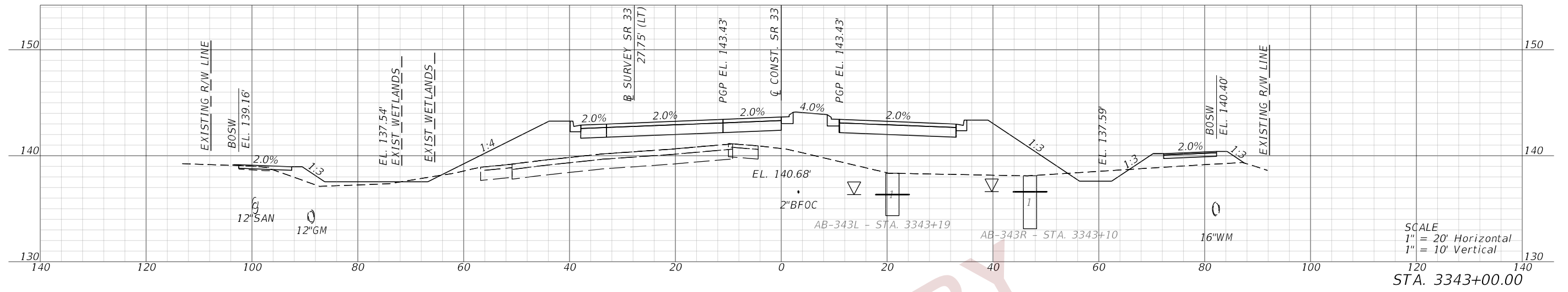
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (32) SR 33	SHEET NO. 224
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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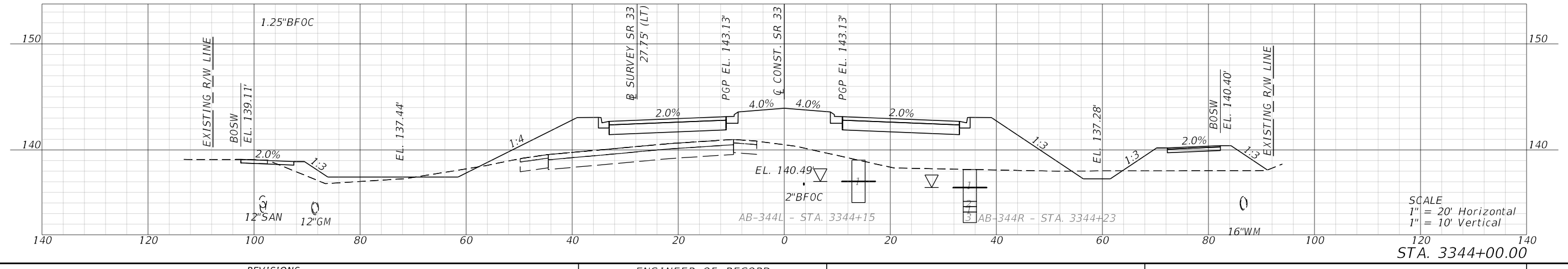
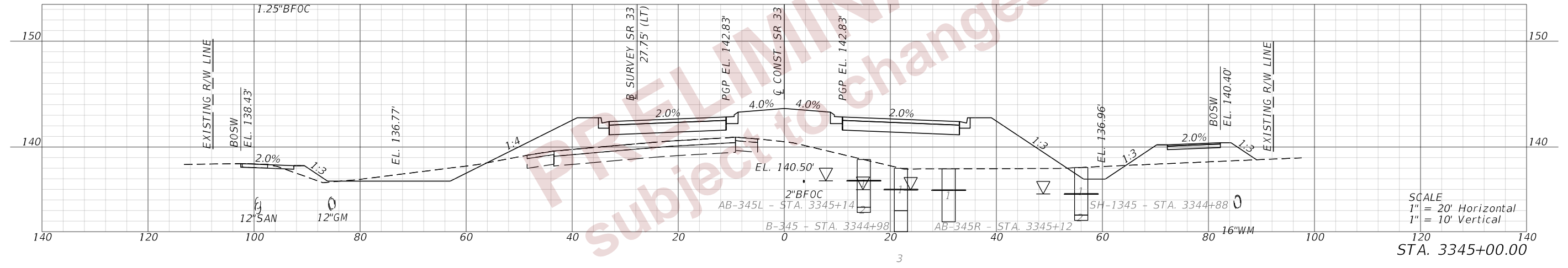
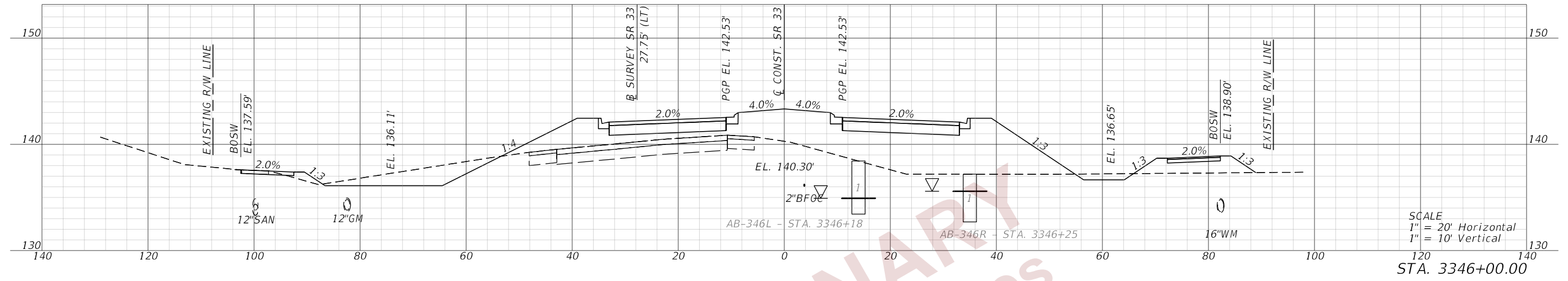
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (33) SR 33	SHEET NO. 225
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

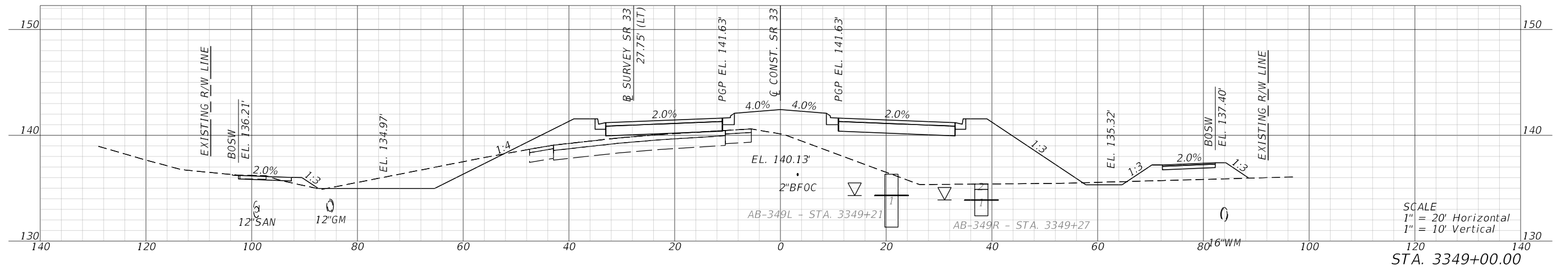
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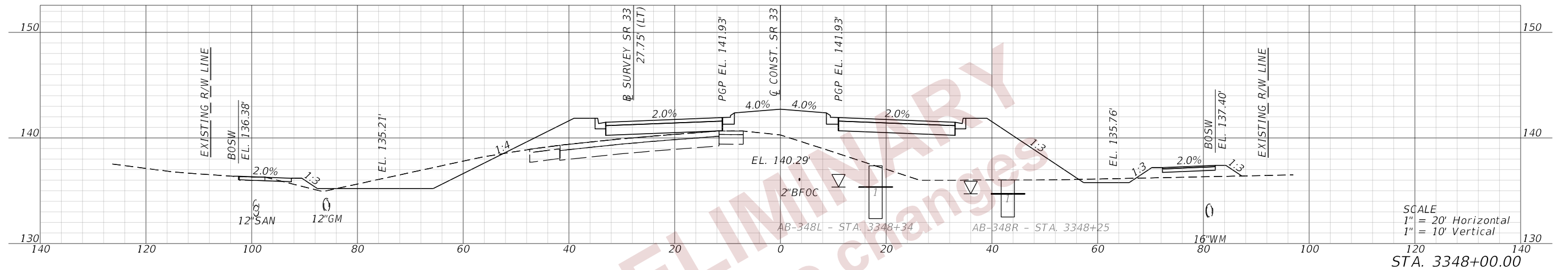
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DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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

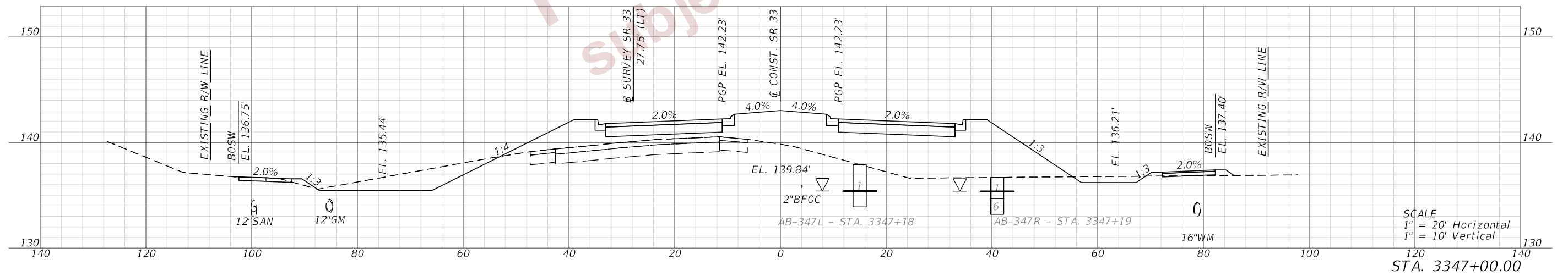
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 STA. 3349+00.00



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 STA. 3348+00.00



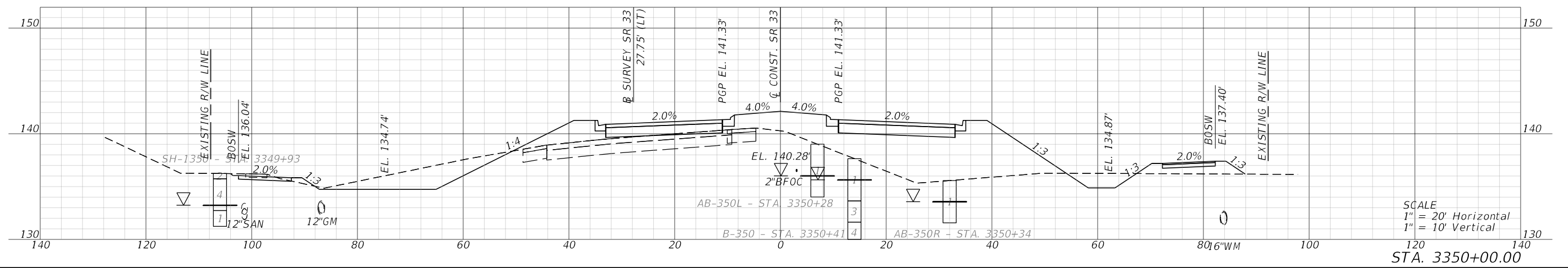
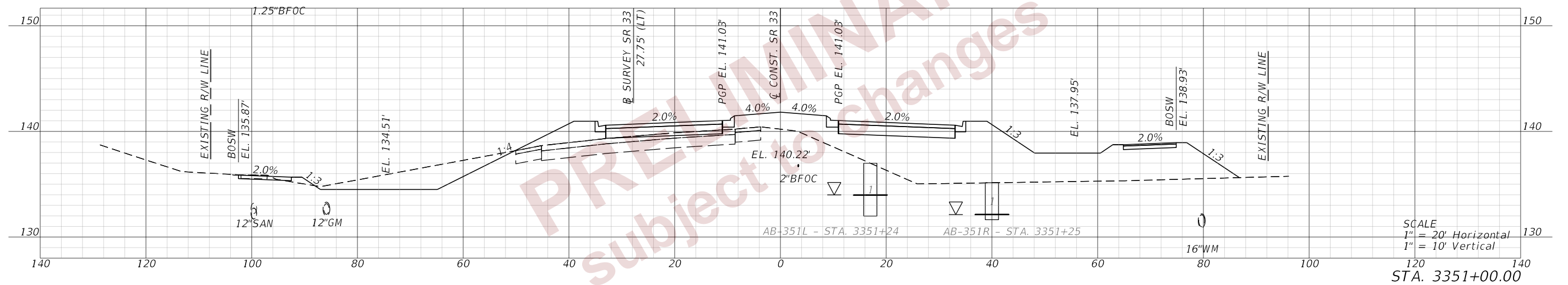
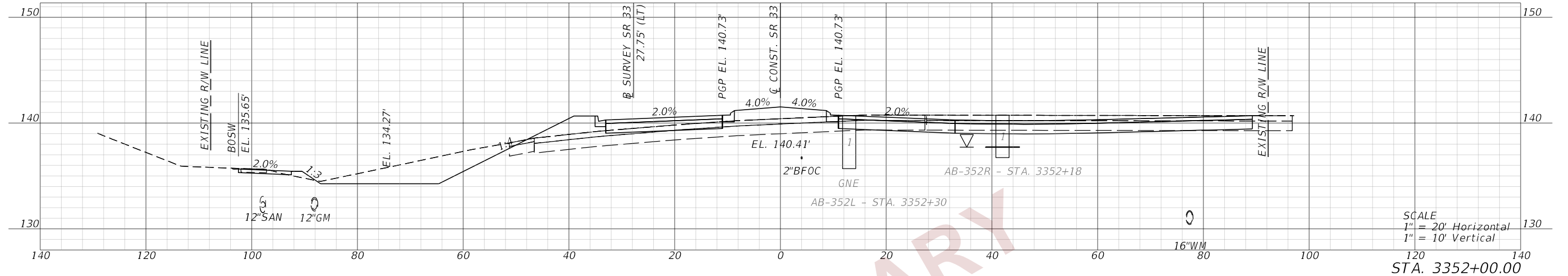
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 STA. 3347+00.00

PRELIMINARY
 Subject to changes

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (35) SR 33	SHEET NO. 227
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

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

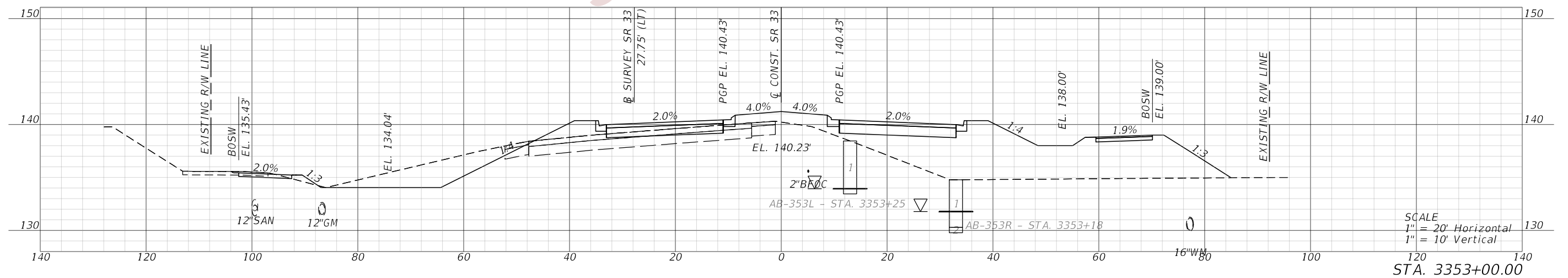
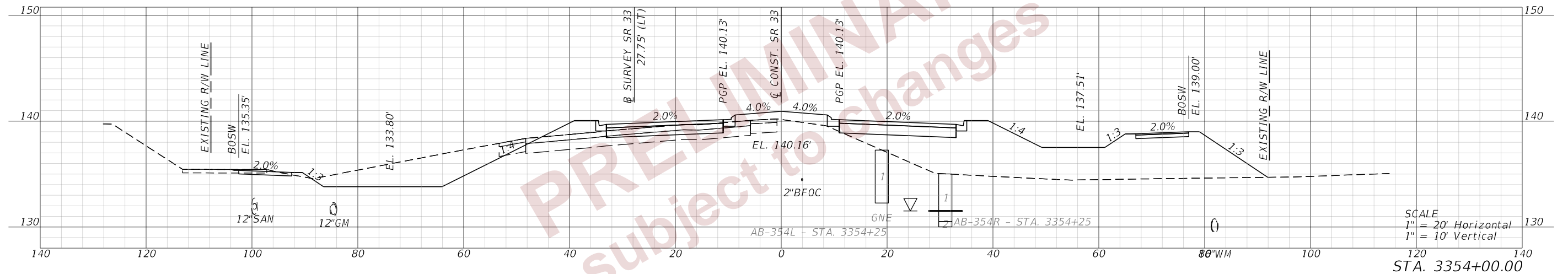
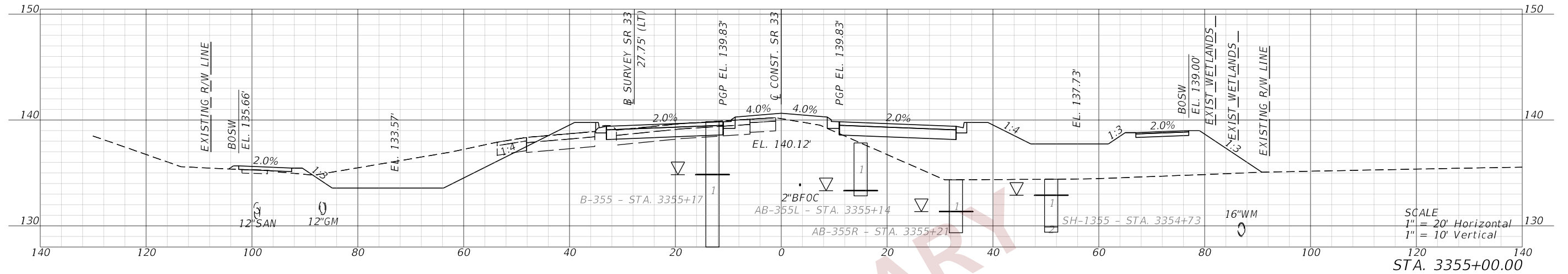
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (36) SR 33	SHEET NO. 228
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

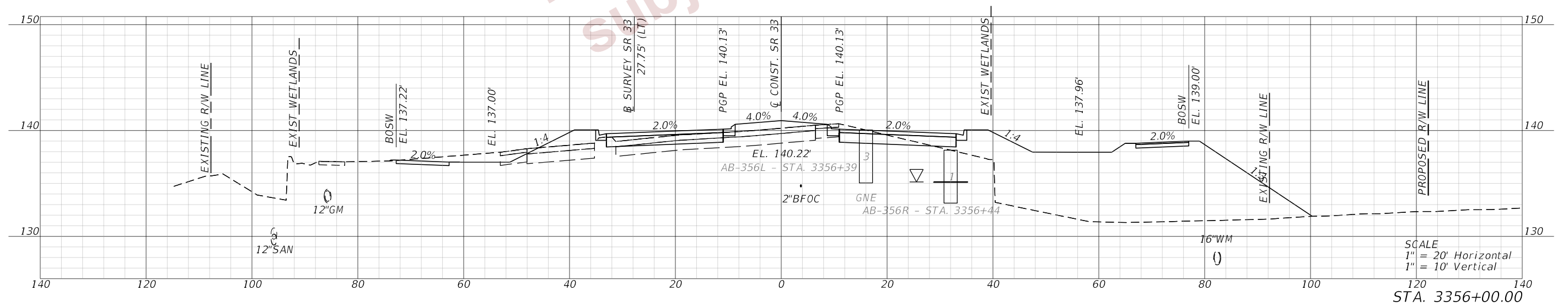
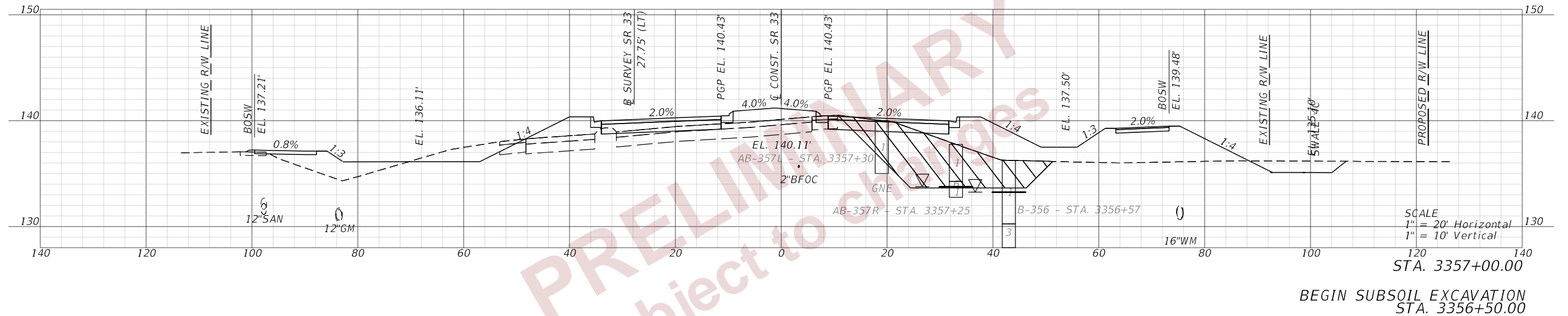
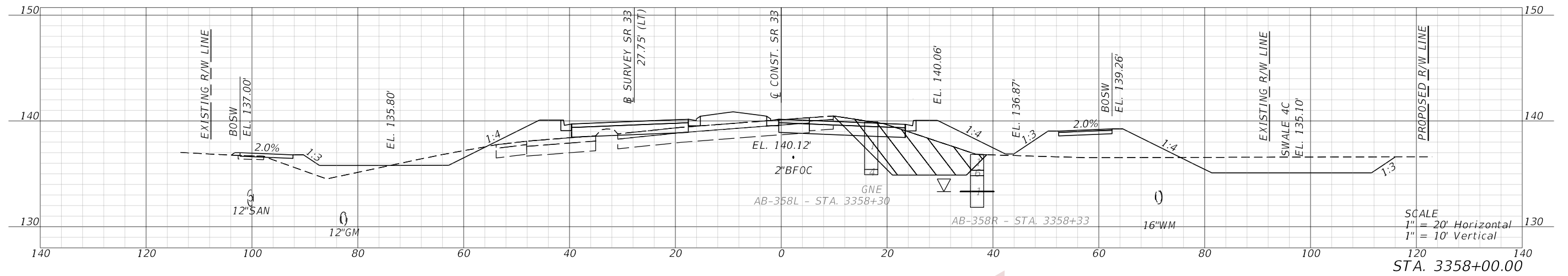
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (37) SR 33	SHEET NO. 229
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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END SUBSOIL EXCAVATION
STA. 3358+50.00



PRELIMINARY
 Subject to changes

2/28/2024 1:36:56 PM JTAGLIAFERRO
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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

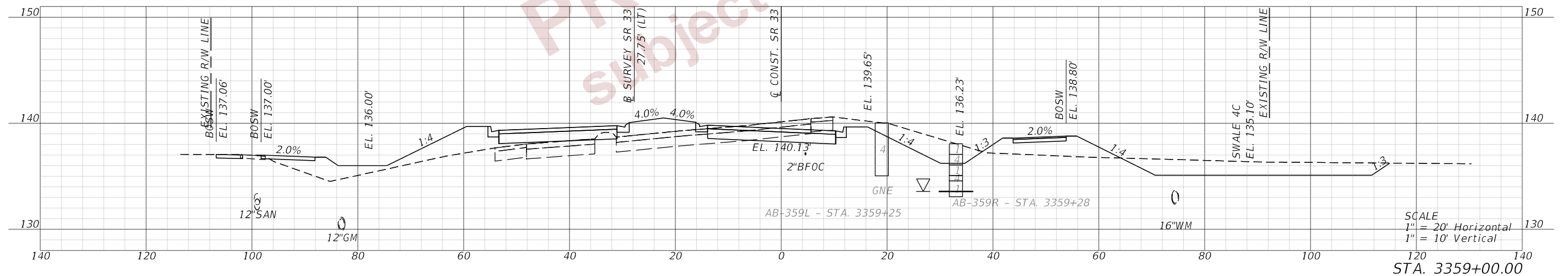
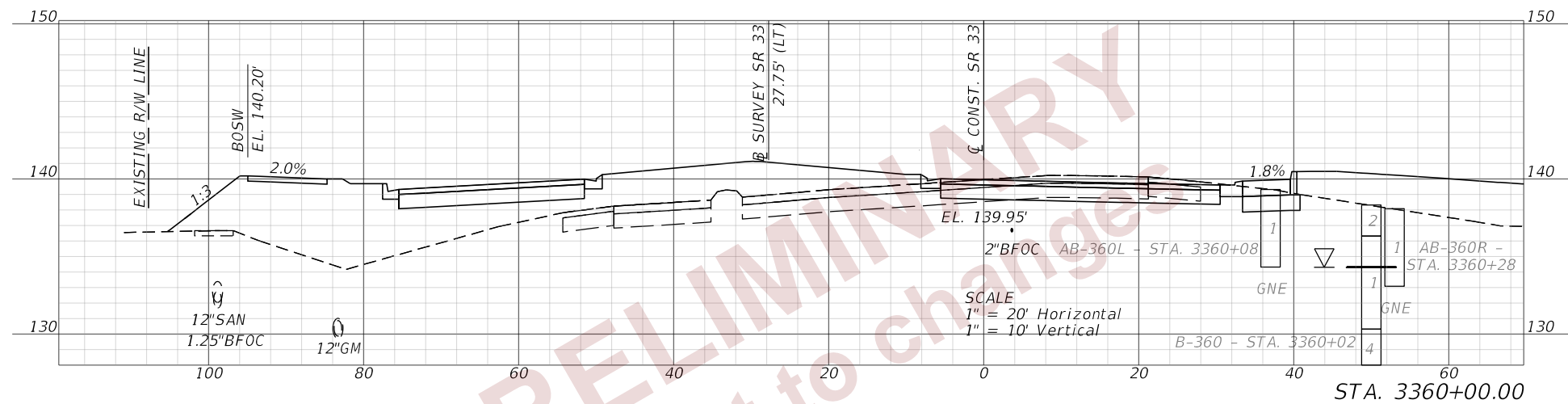
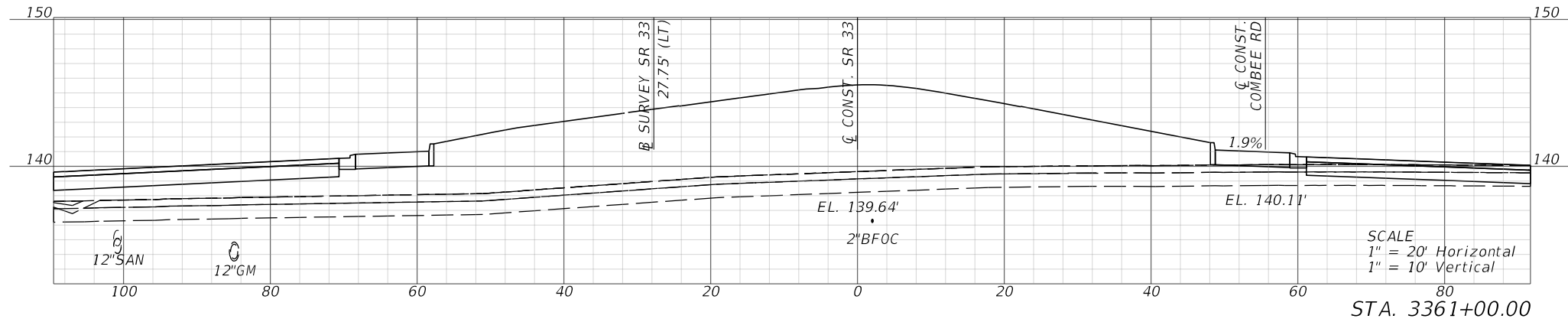
ENGINEER OF RECORD
 DEBANANDA PANIGRAHI, P.E.
 LICENSE NUMBER 68318
 H. W. LOCHNER
 4300 W. CYPRESS STREET, SUITE 500
 TAMPA, FLORIDA 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

CROSS SECTIONS (38)
SR 33

SHEET
 NO.
230

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



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STA. 3358+90.00
BEGIN SUBSOIL (PLASTIC) EXCAVATION
STA. 3358+50.00

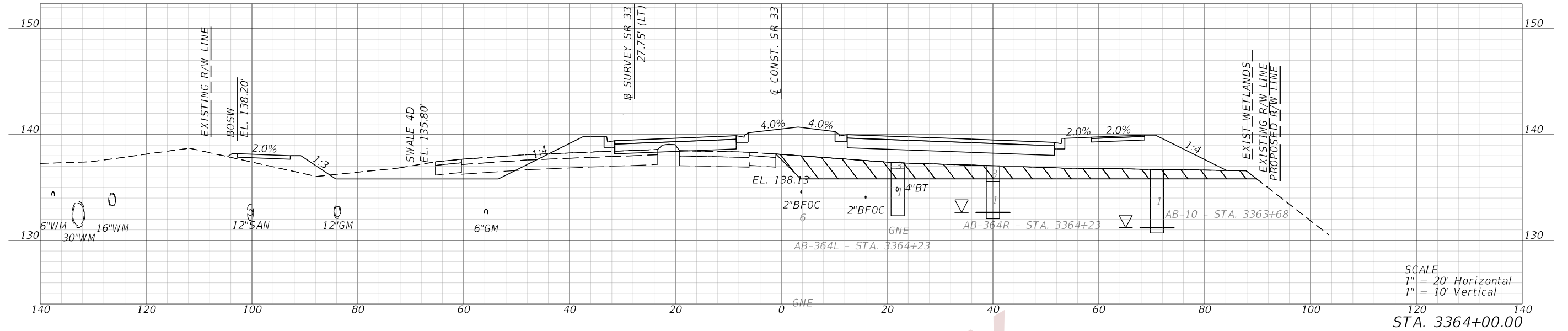
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (39) SR 33	SHEET NO. 231
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01		

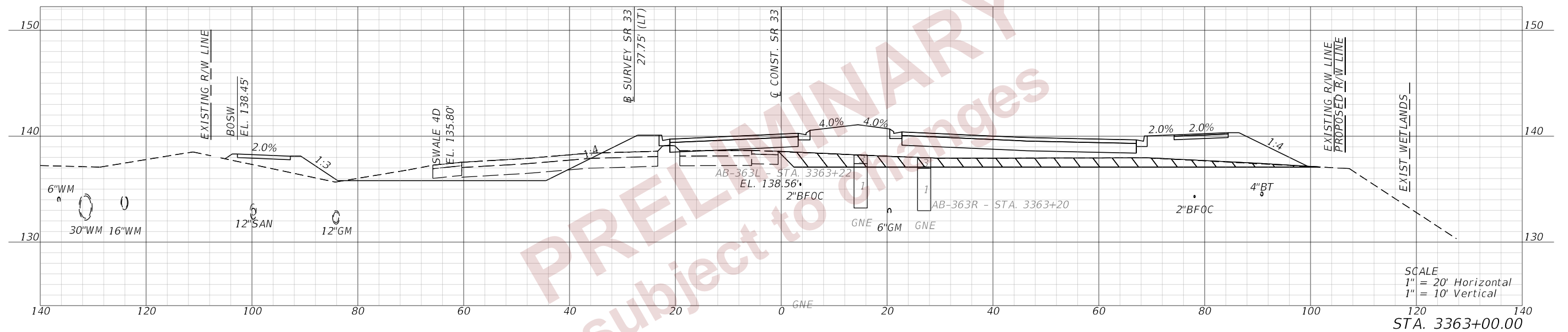
PRELIMINARY
Subject to change

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END SUBSOIL (PLASTIC) EXCAVATION
STA. 3364+50.00

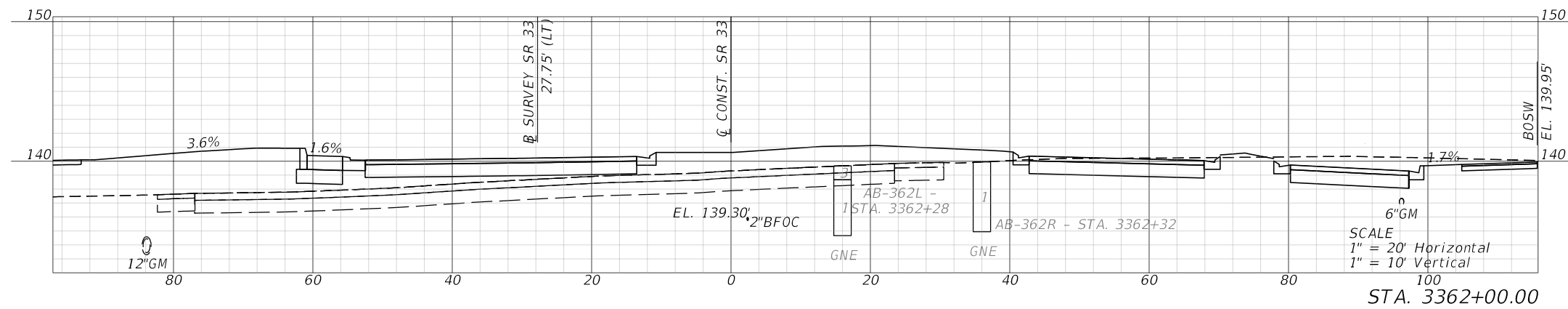


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STA. 3364+00.00



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STA. 3363+00.00

BEGIN SUBSOIL (PLASTIC) EXCAVATION
STA. 3362+10.00



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STA. 3362+00.00

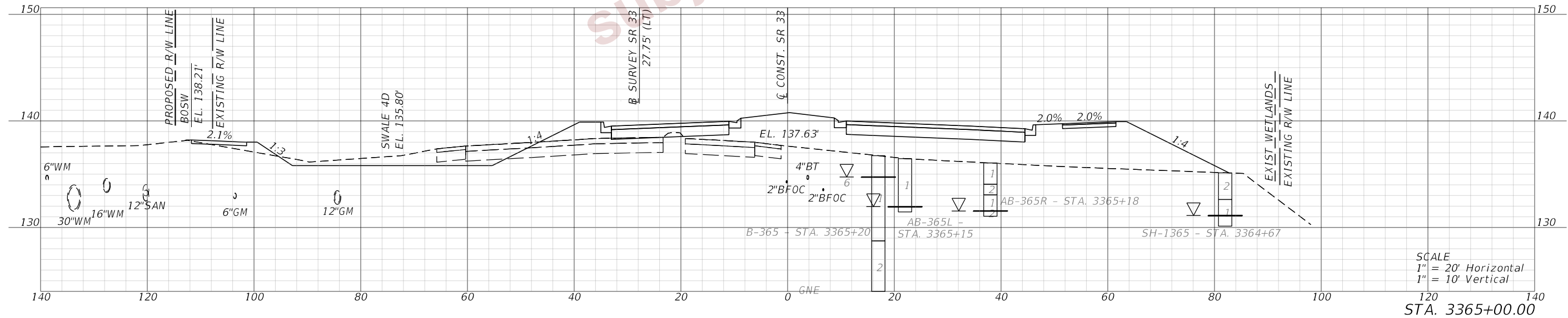
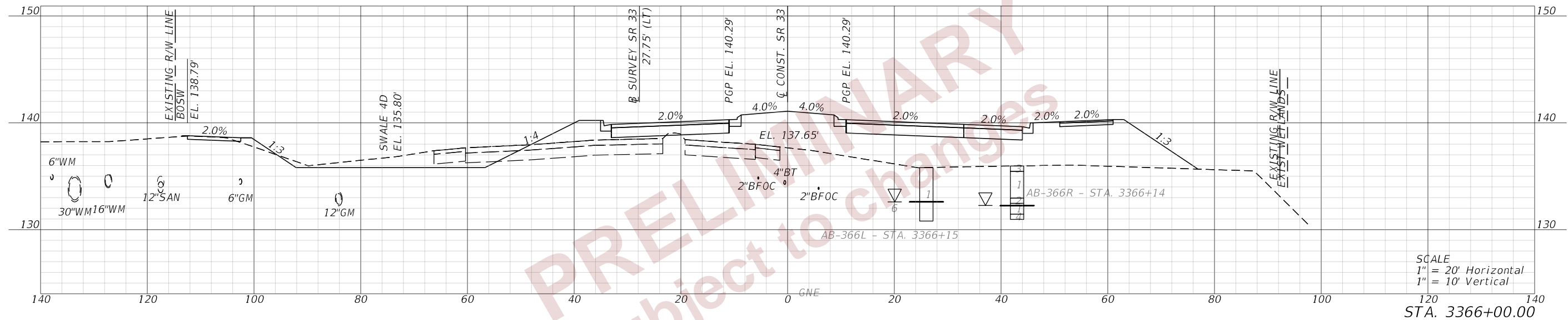
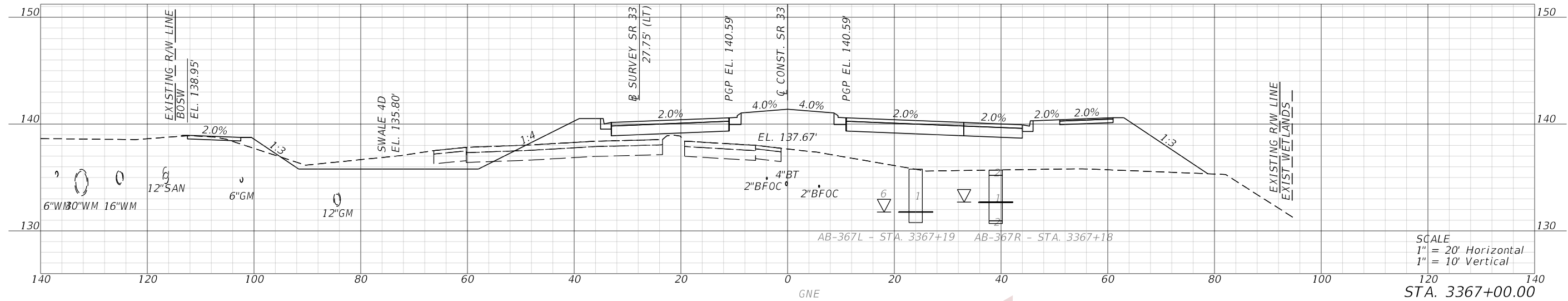
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REVISIONS			ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (40) SR 33	SHEET NO. 232
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				SR 33	POLK	430185-4-52-01			

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

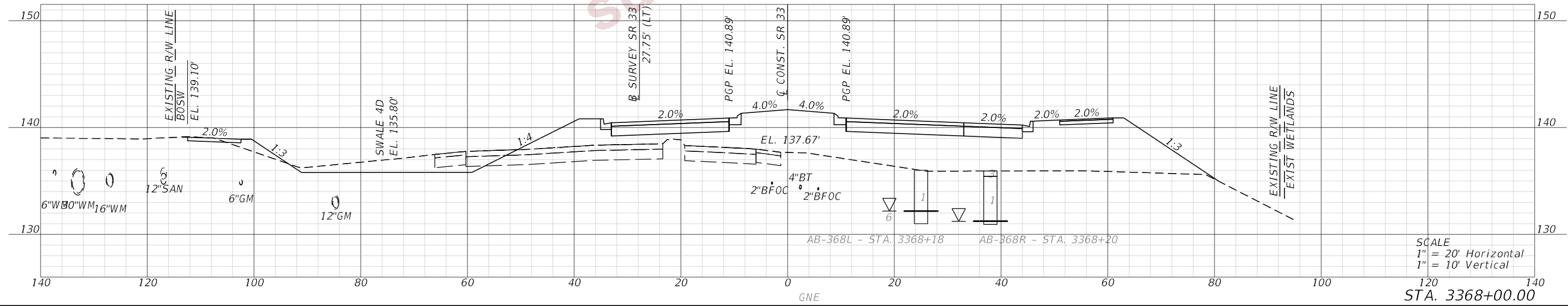
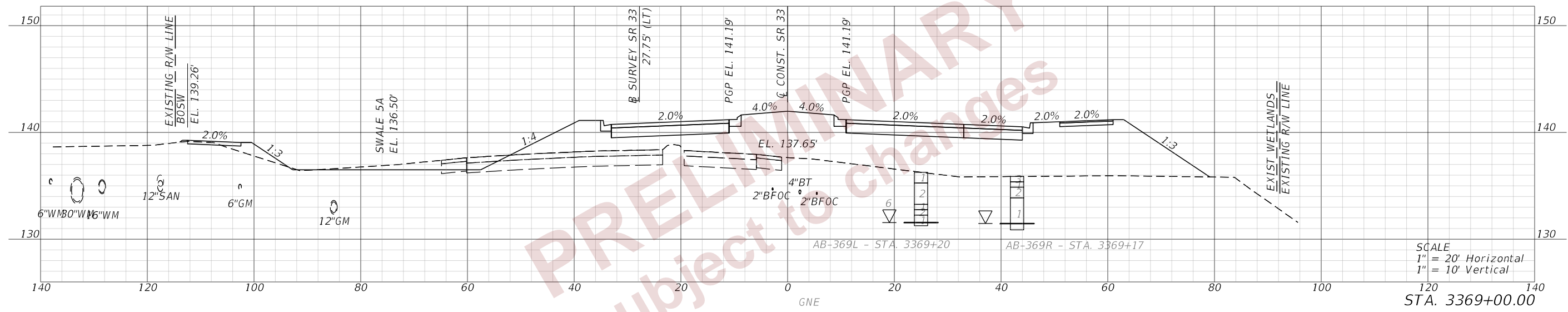
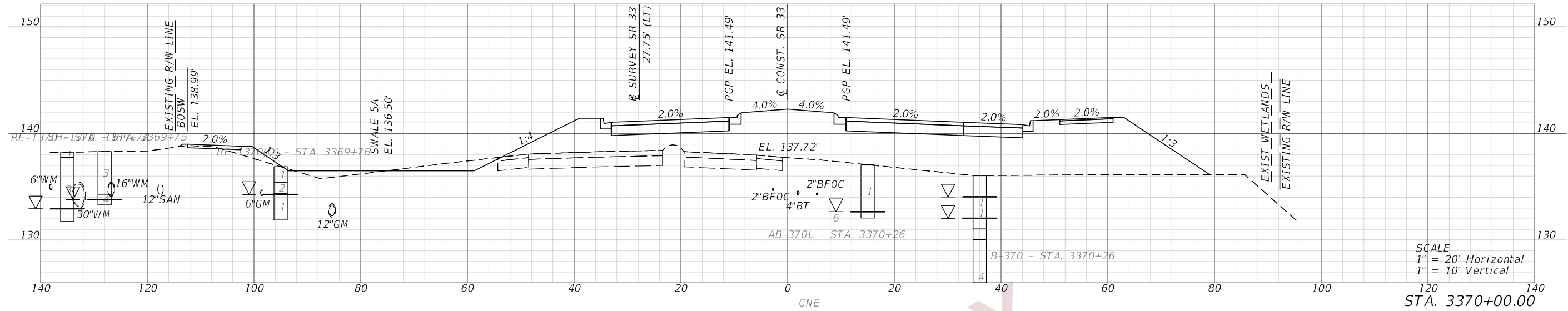
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (41) SR 33	SHEET NO. 233
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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

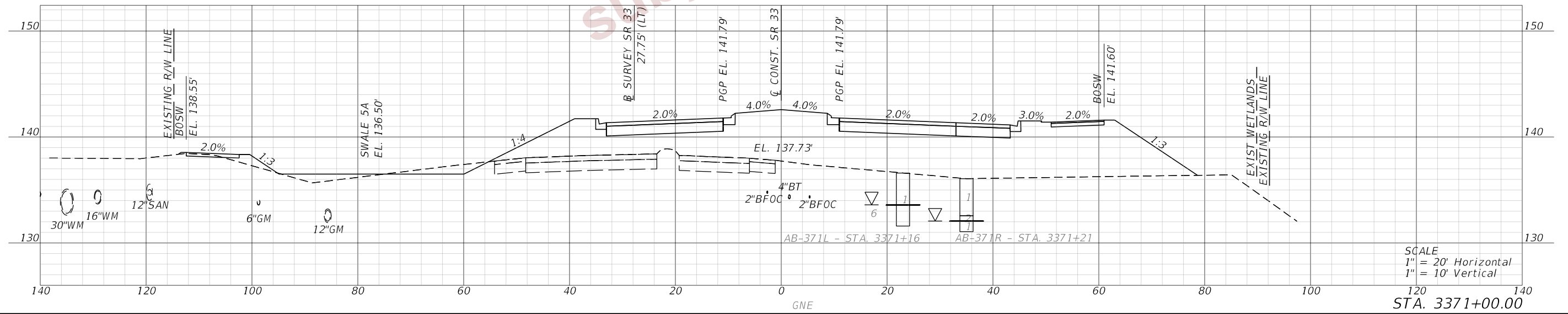
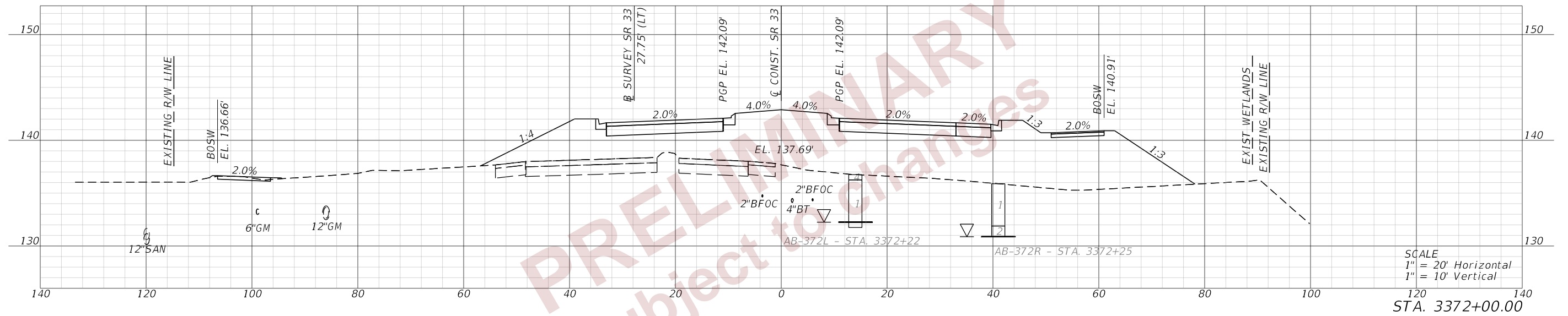
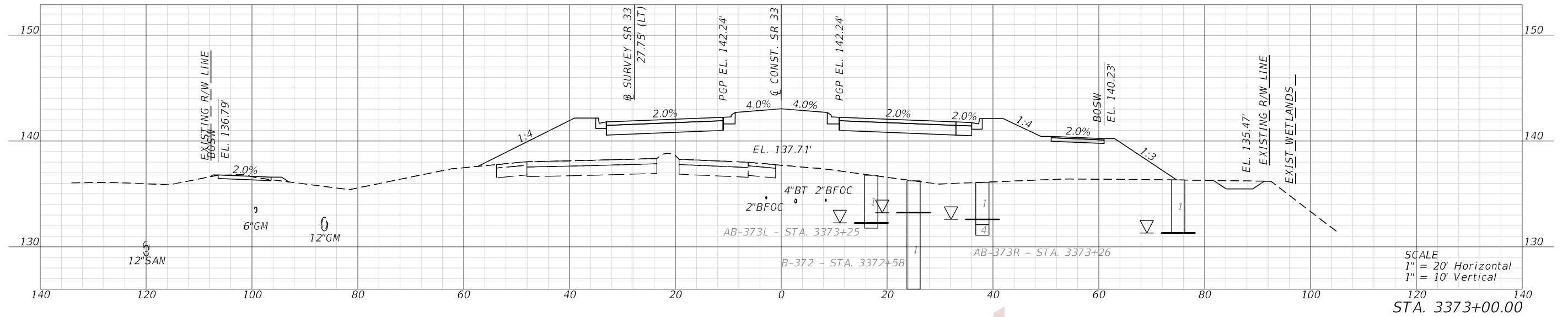
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (42) SR 33	SHEET NO. 234
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

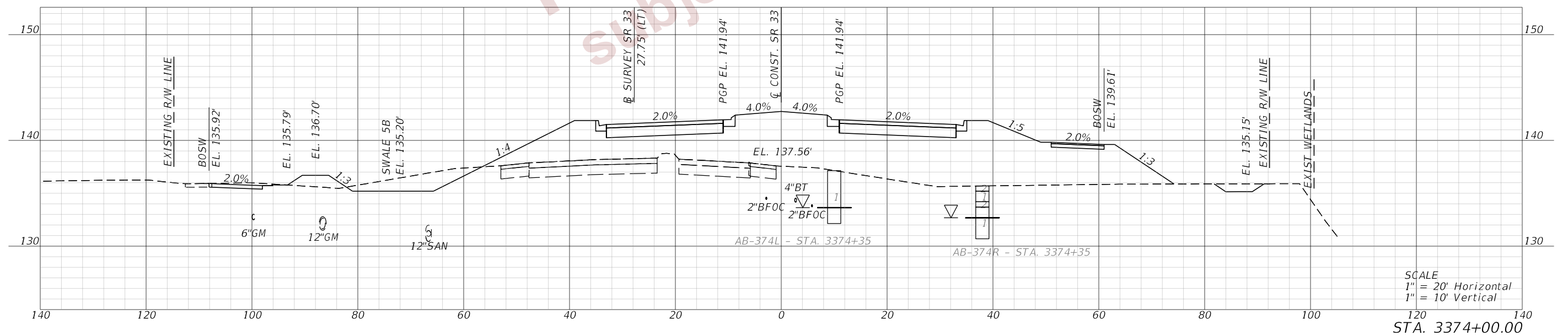
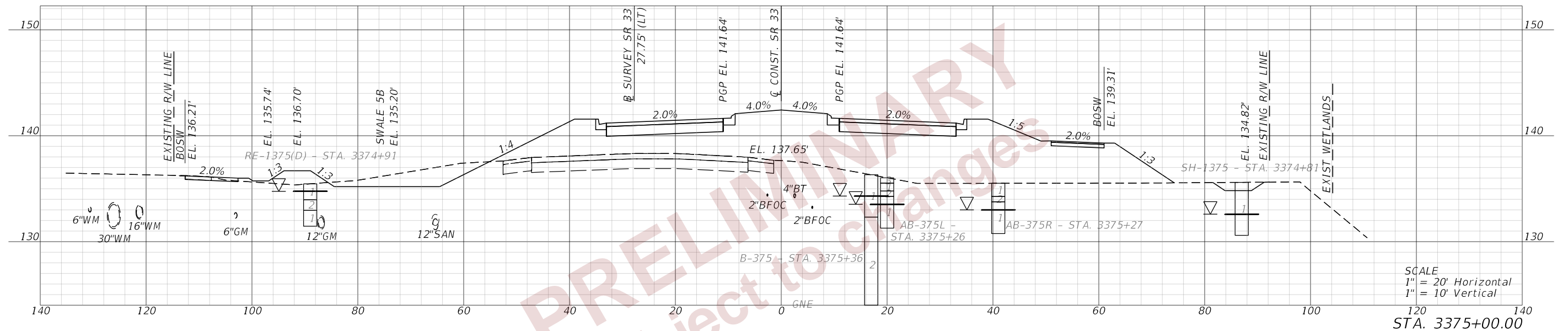
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (43) SR 33	SHEET NO. 235
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

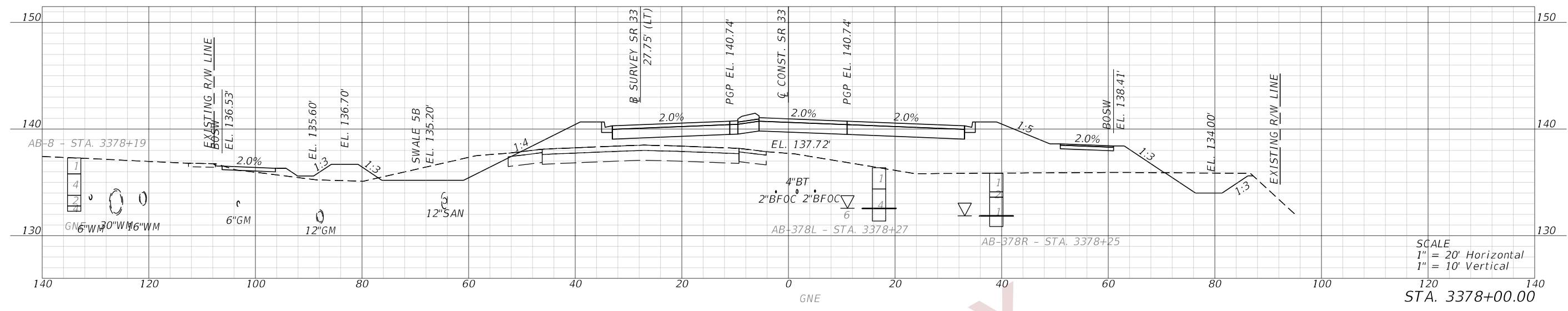
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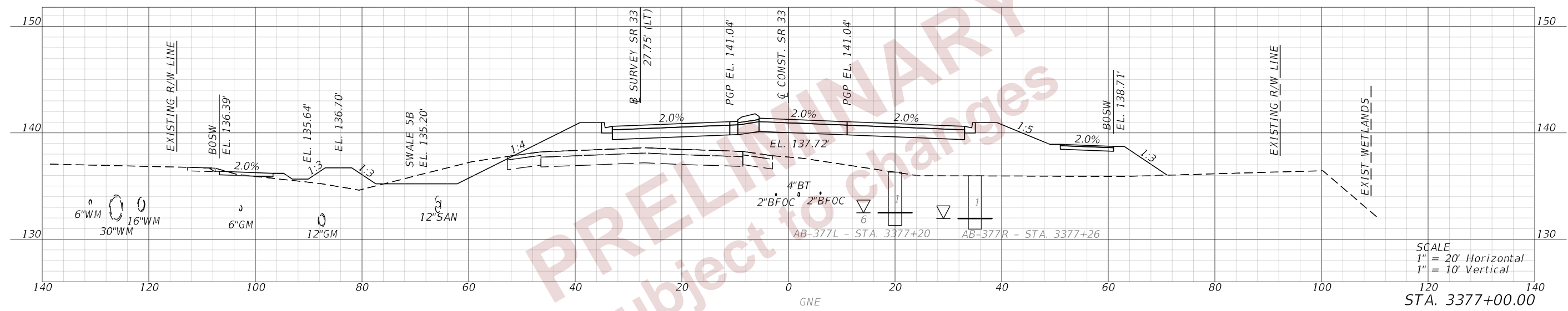
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (44) SR 33	SHEET NO. 236
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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

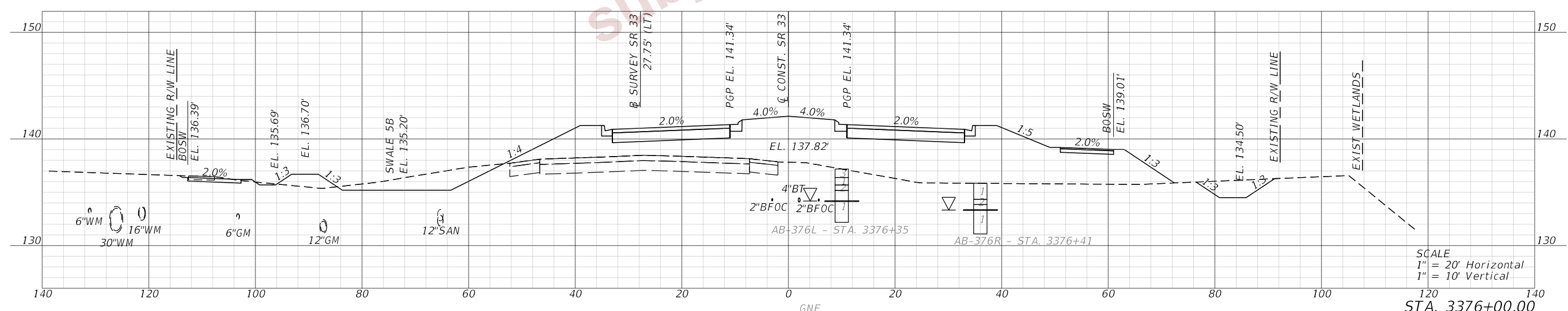
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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STA. 3378+00.00



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STA. 3377+00.00

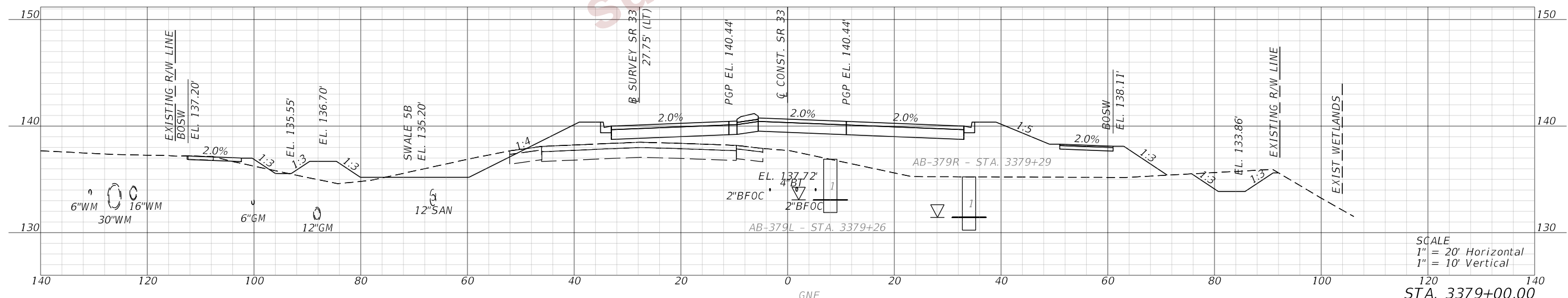
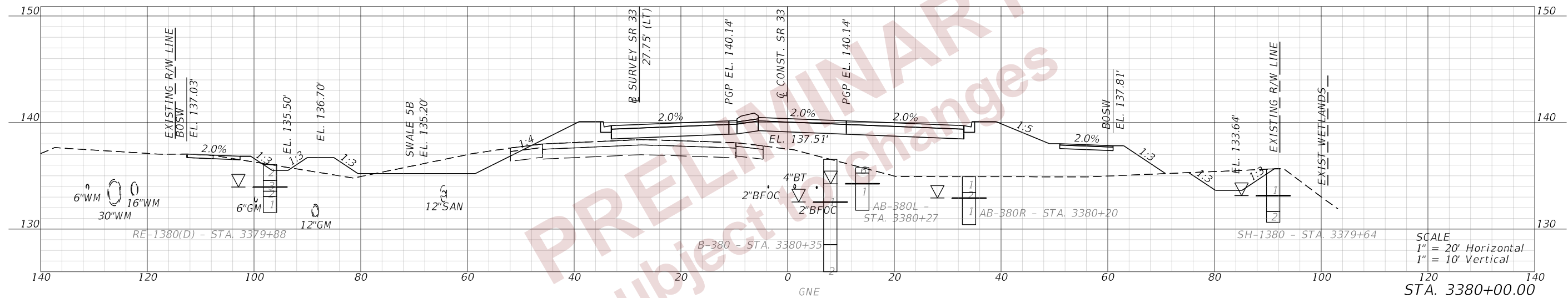
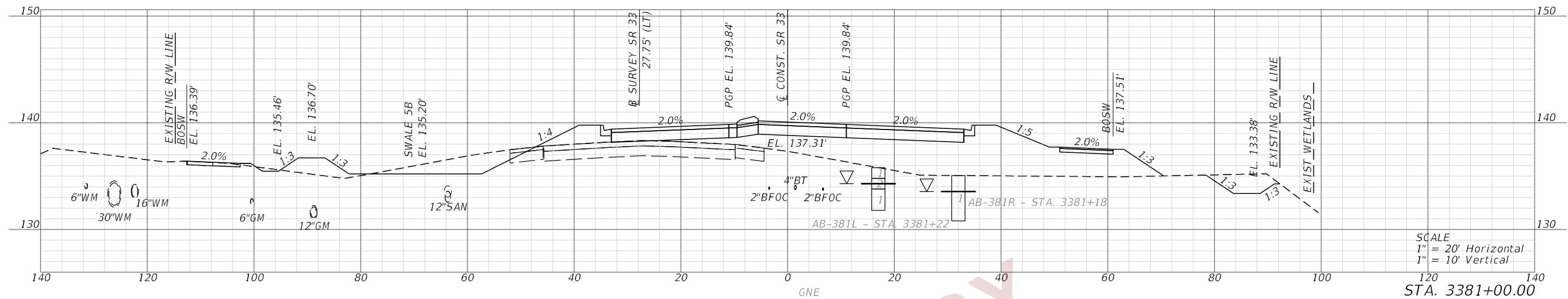


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (45) SR 33	SHEET NO. 237
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

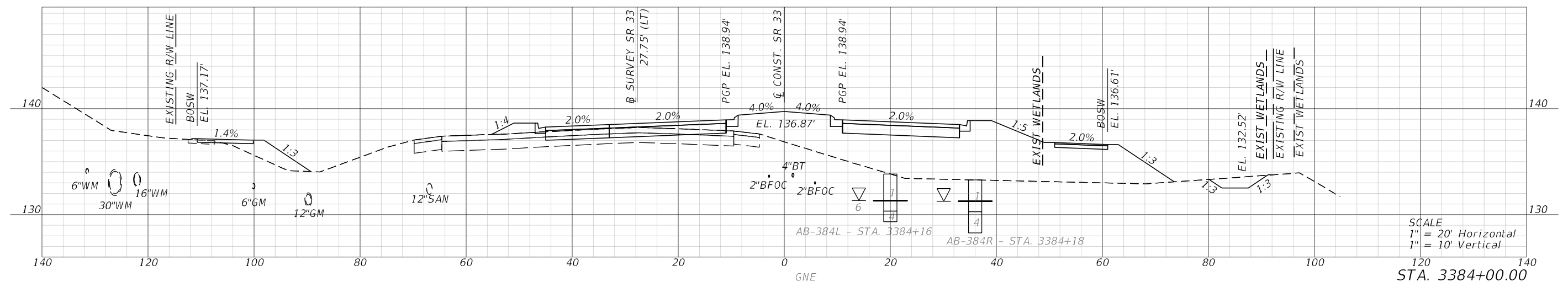
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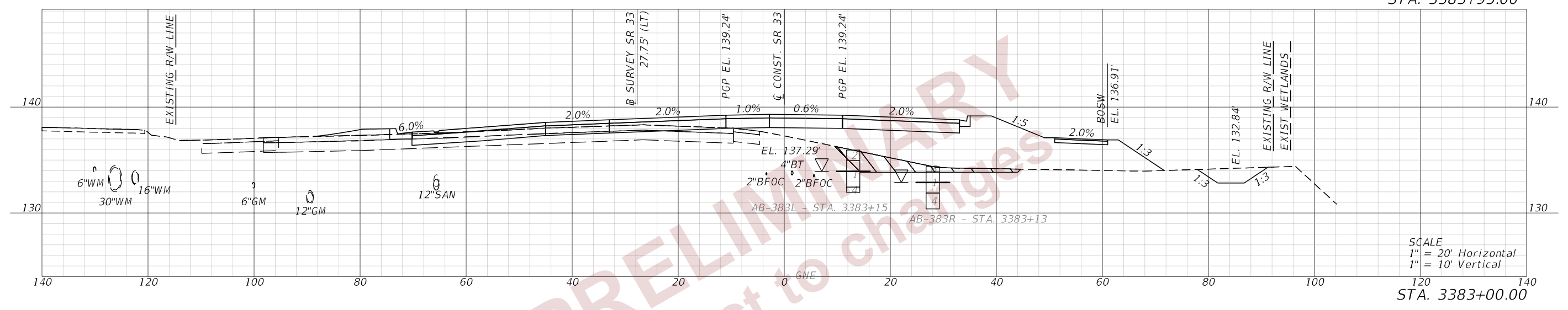
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (46) SR 33	SHEET NO. 238
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		

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

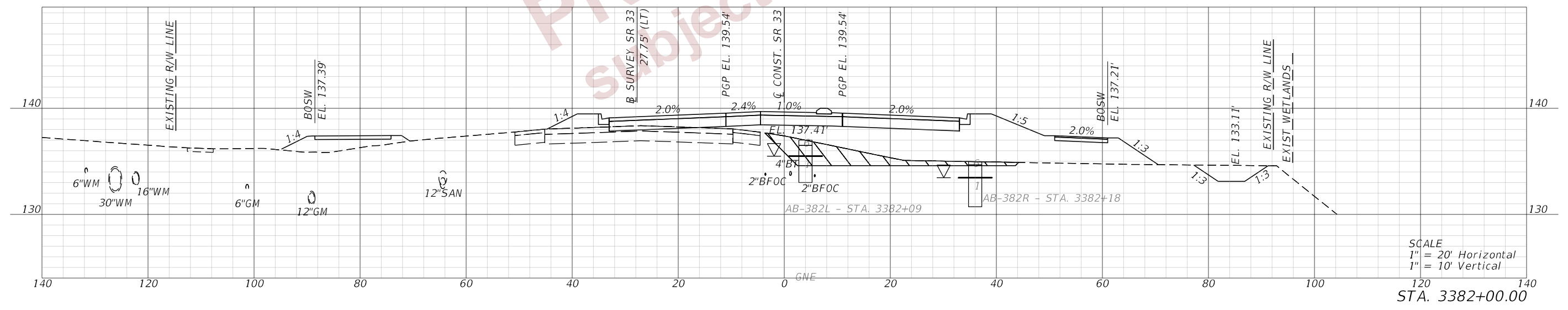
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



END SUBSOIL EXCAVATION
STA. 3383+95.00



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1" = 10' Vertical



SCALE
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1" = 10' Vertical

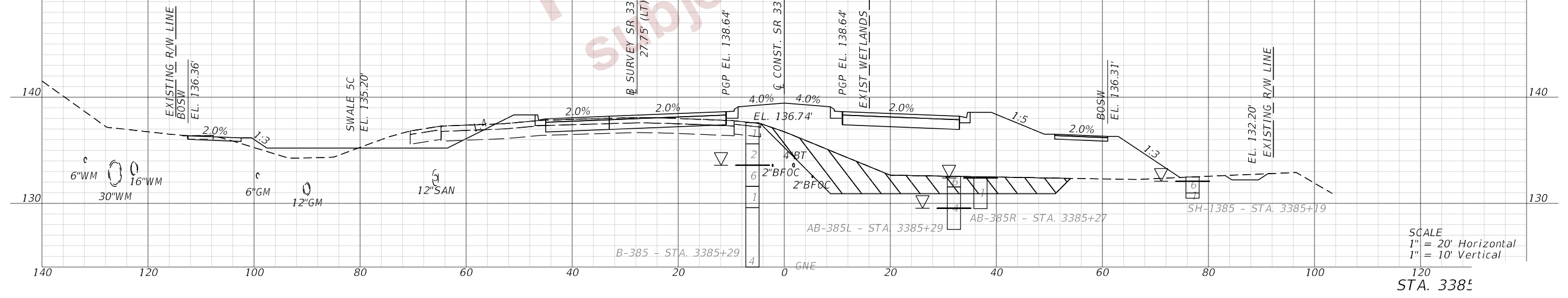
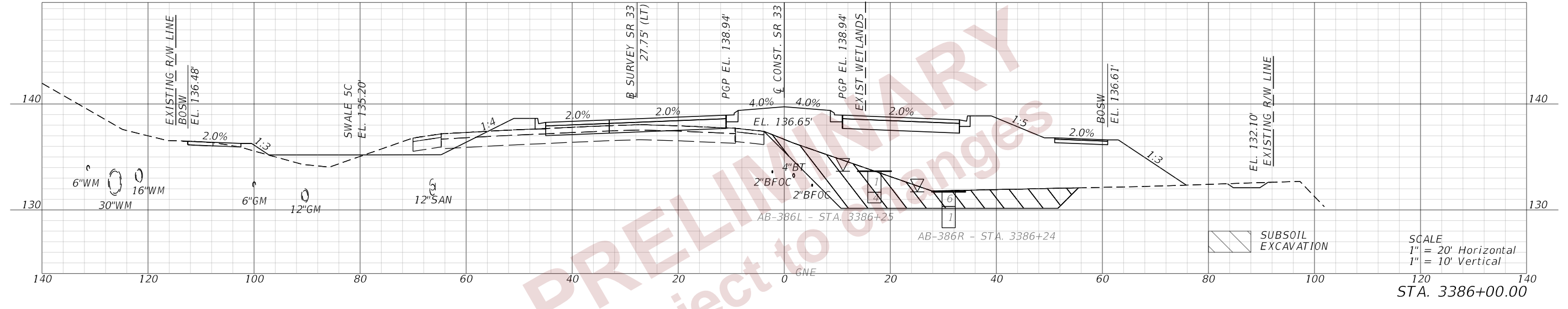
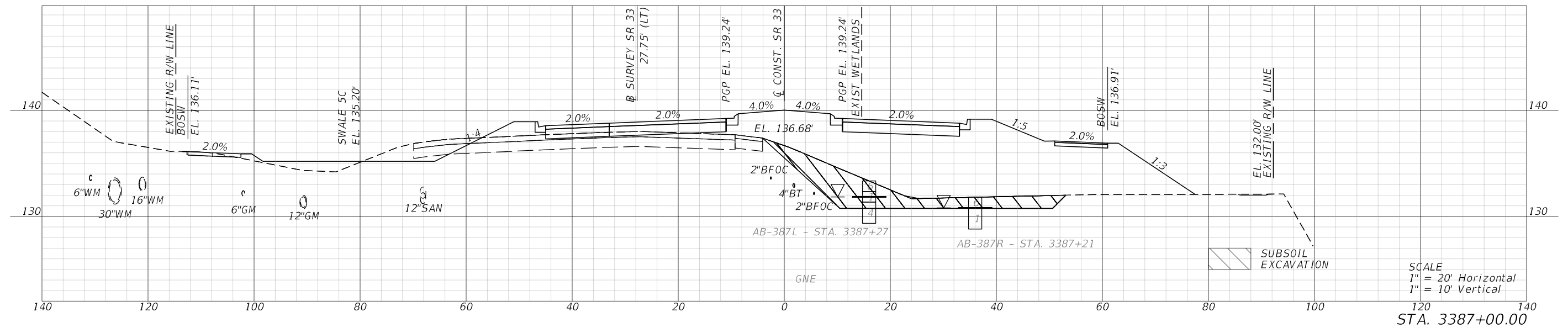
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STA. 3381+80.00

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 239
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**CROSS SECTIONS (47)
SR 33**

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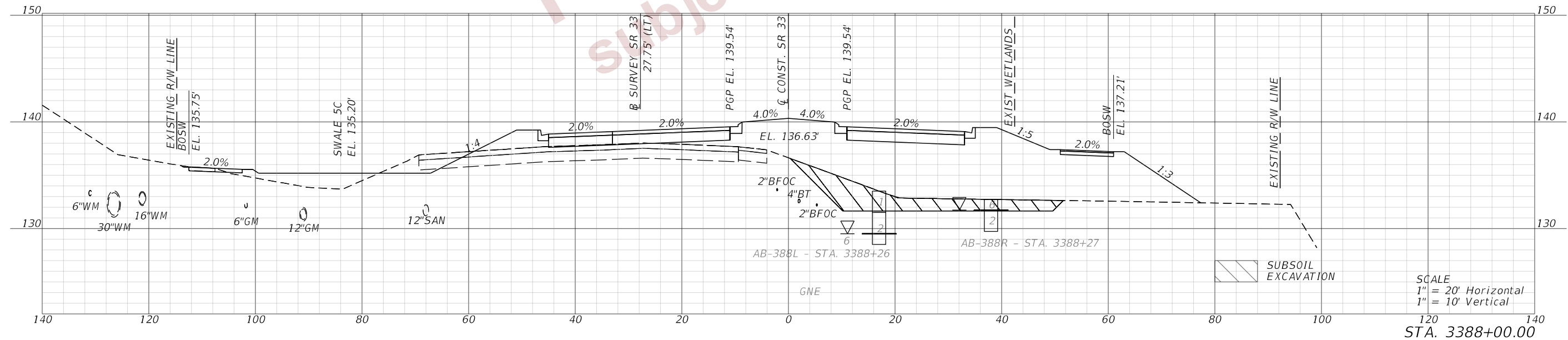
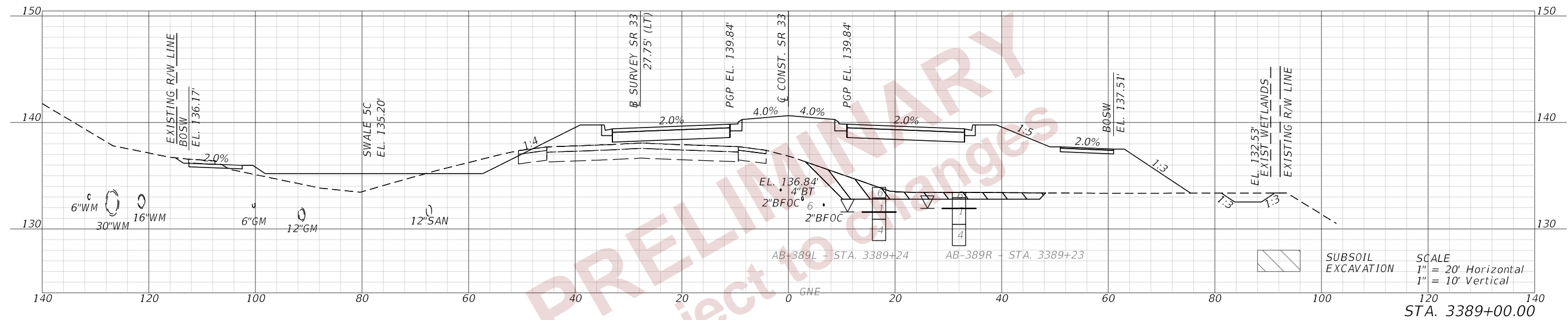
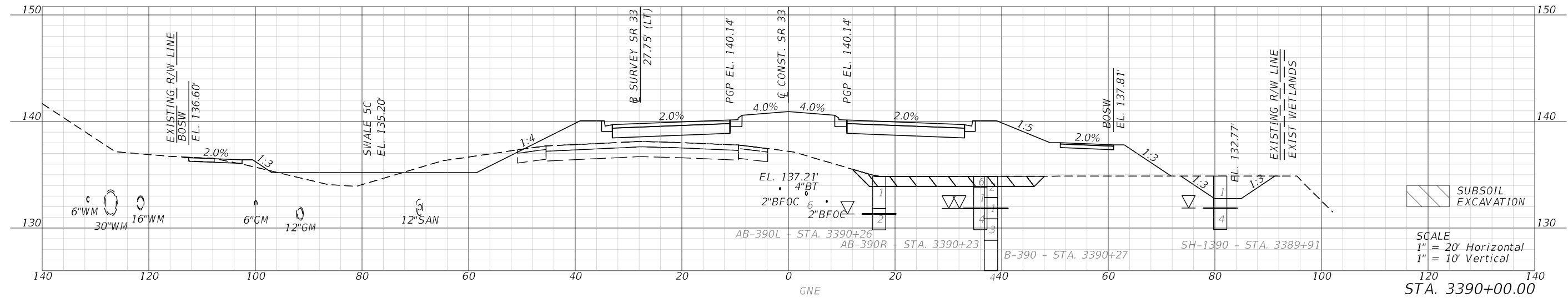
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (48) SR 33	SHEET NO. 240
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01		

PRELIMINARY
 Subject to Changes

END SUBSOIL EXCAVATION
STA. 3390+95.00



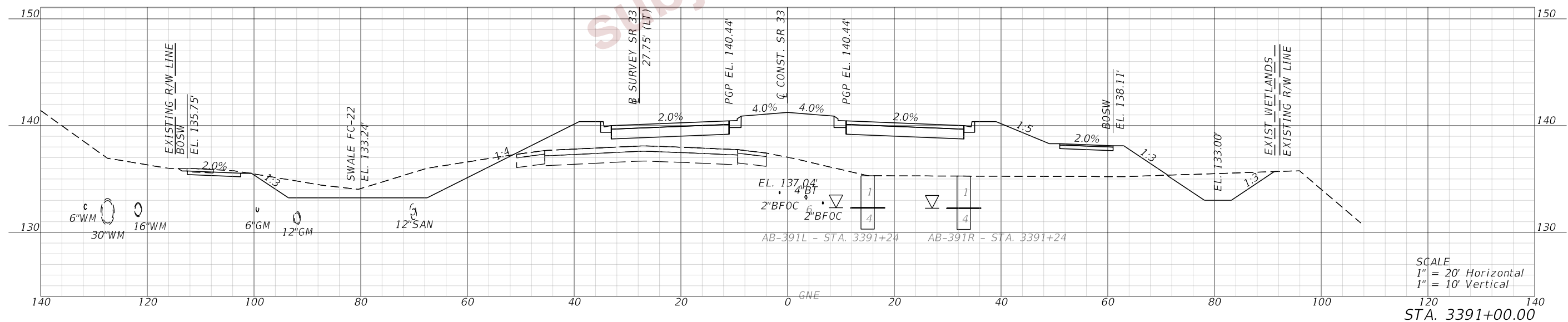
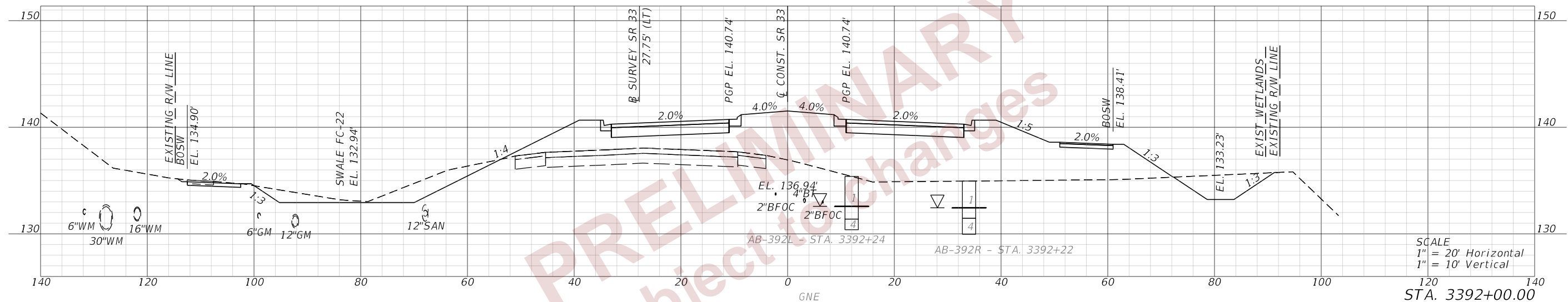
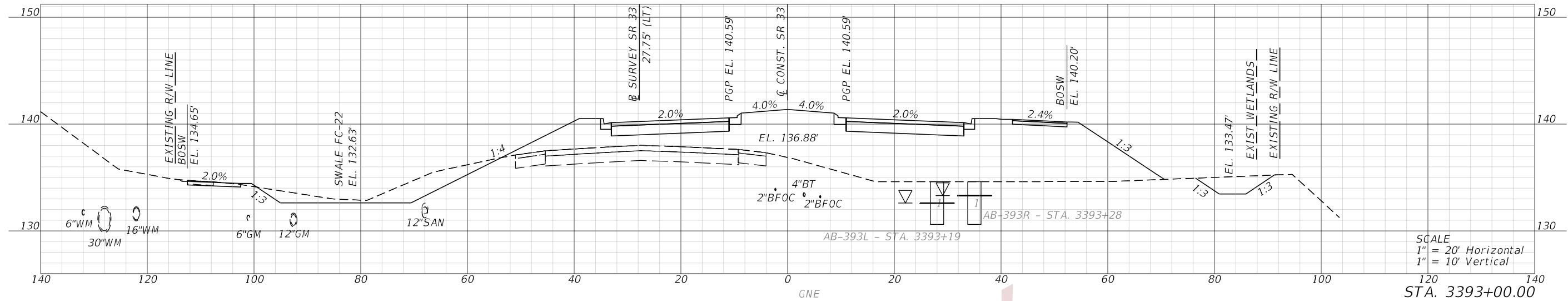
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REVISIONS			ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 241
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				SR 33	POLK	430185-4-52-01			

**CROSS SECTIONS (49)
SR 33**

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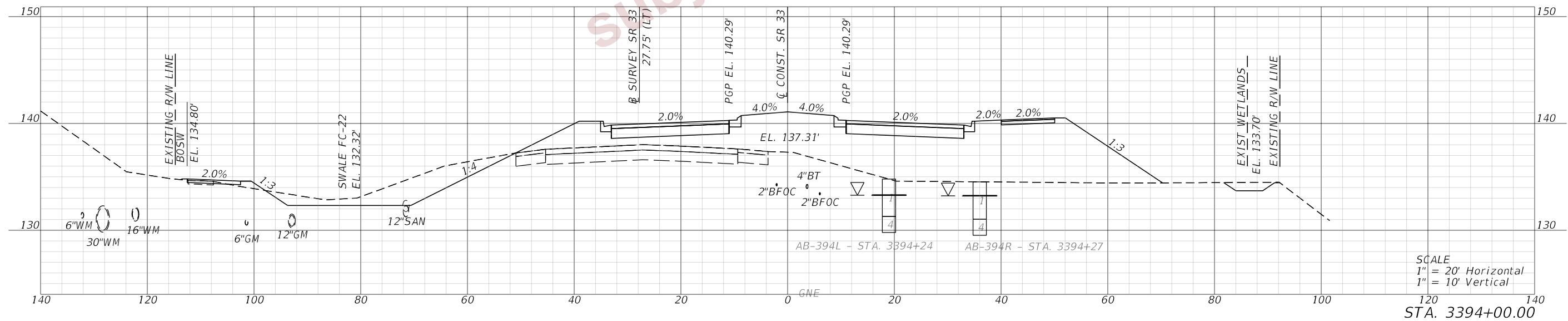
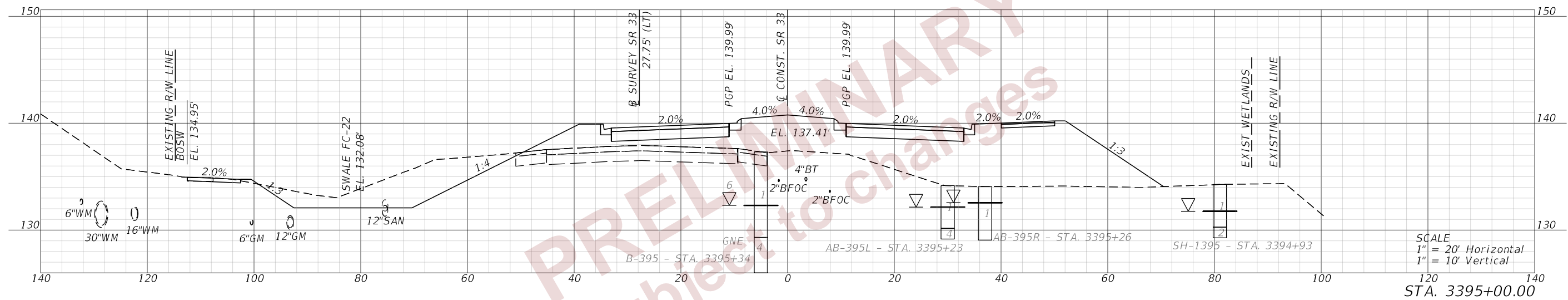
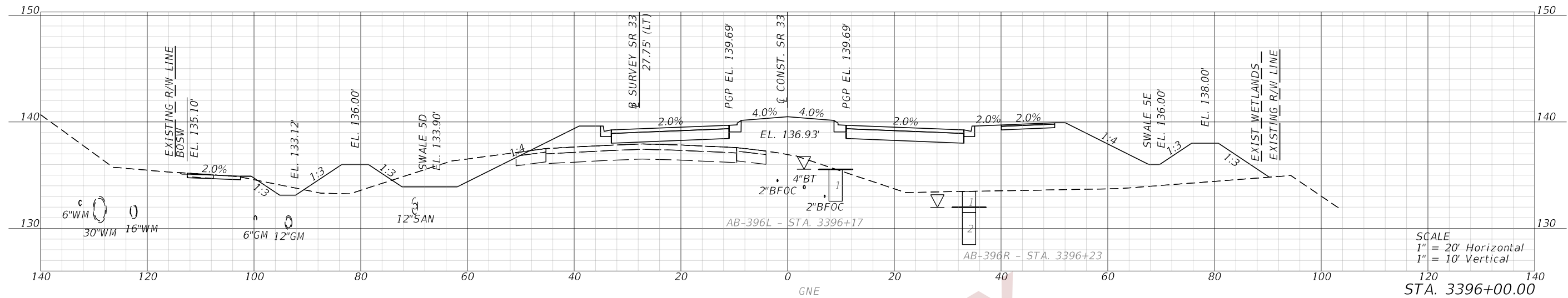
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (50) SR 33	SHEET NO. 242
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

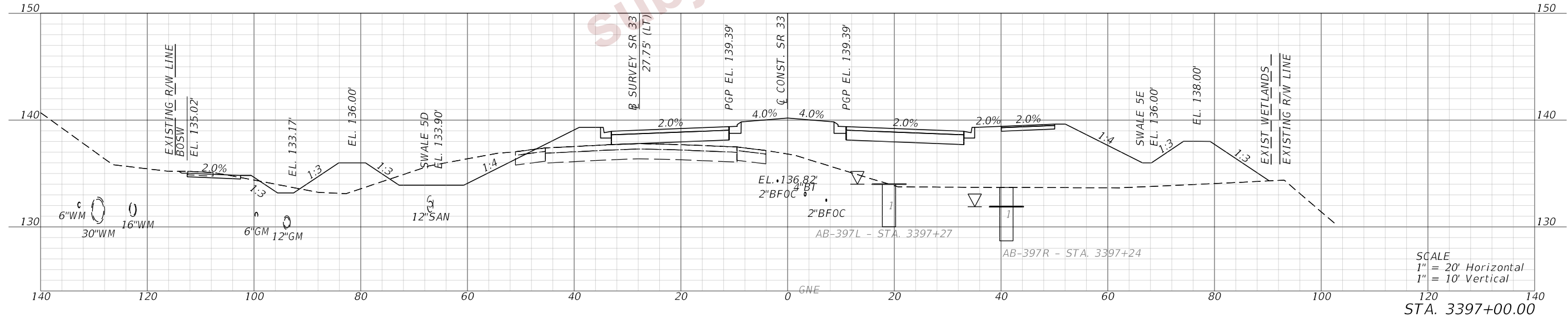
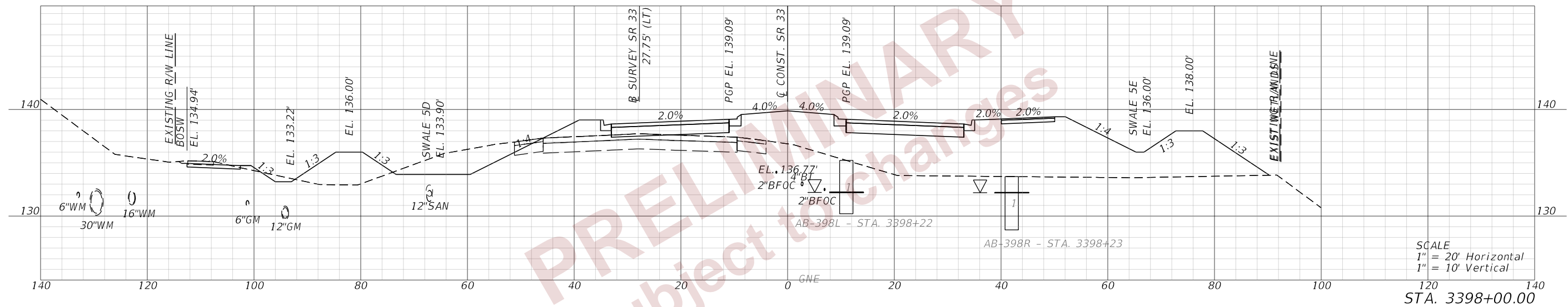
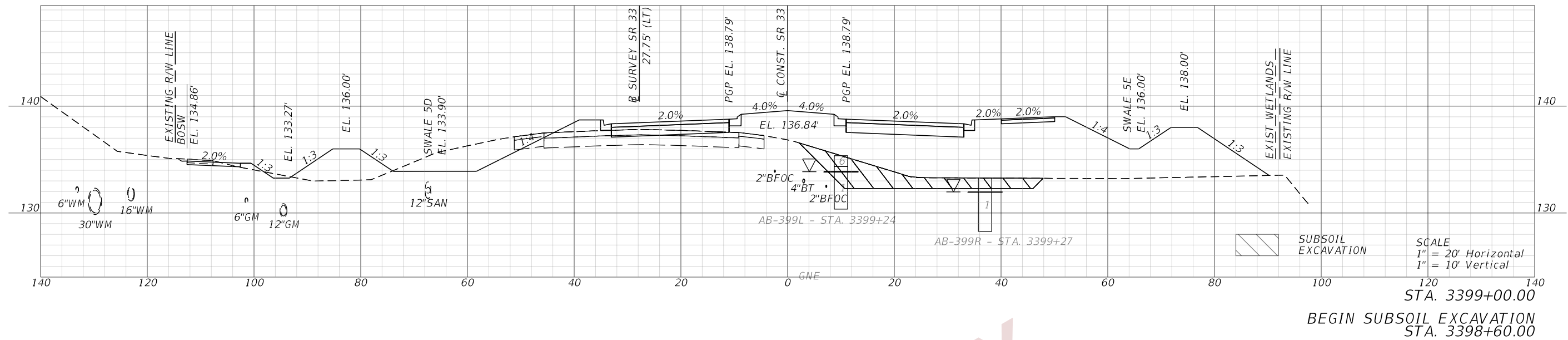
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (51) SR 33	SHEET NO. 243
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	

**CROSS SECTIONS (52)
SR 33**

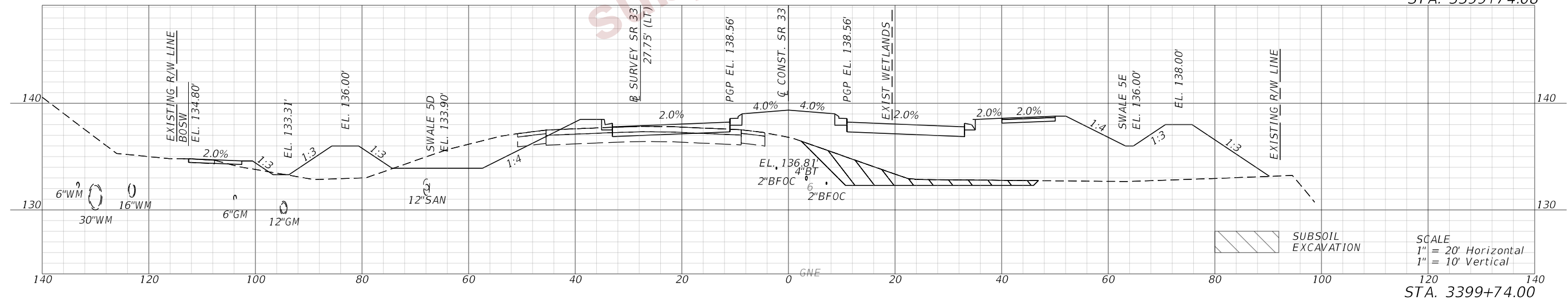
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PRELIMINARY

Subject to changes

END PROJECT
END EARTHWORK
END SUBSOIL EXCAVATION
STA. 3399+74.08

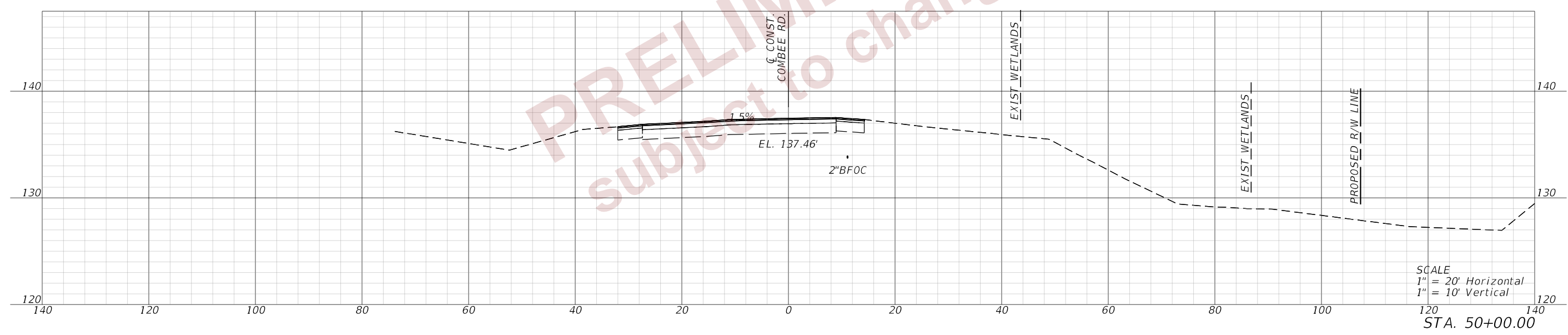
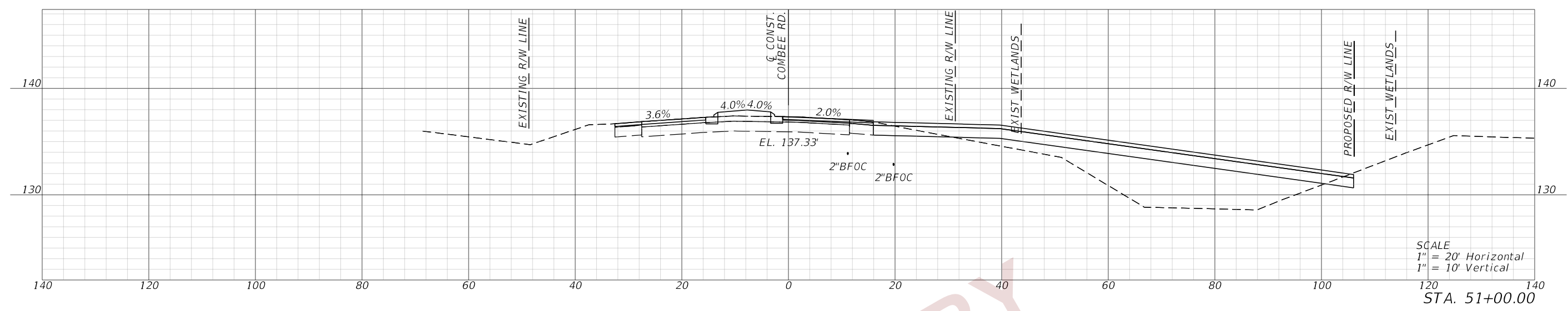


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (53) SR 33	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		245
						SR 33	POLK	430185-4-52-01		

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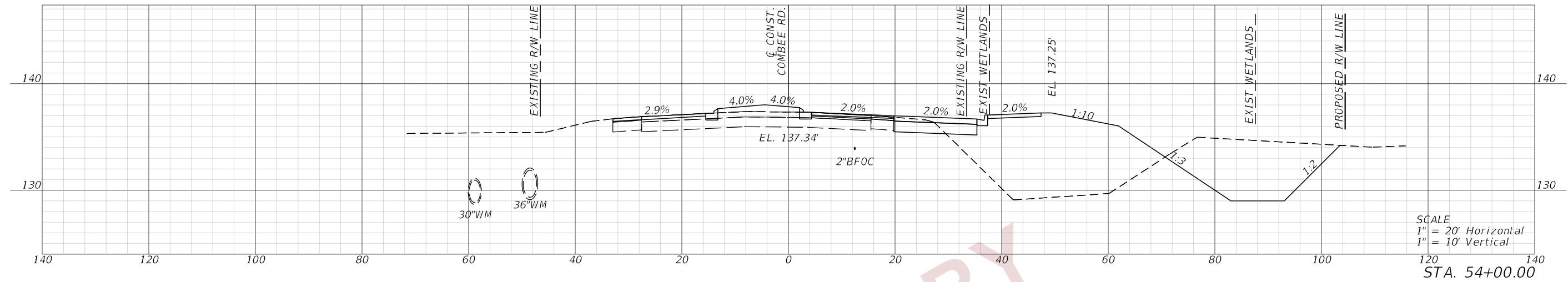
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 STA. 50+43.63
 BEGIN MILLING & RESURFACING
 BEGIN CONSTRUCTION
 STA. 41+00.00

PRELIMINARY
 subject to changes

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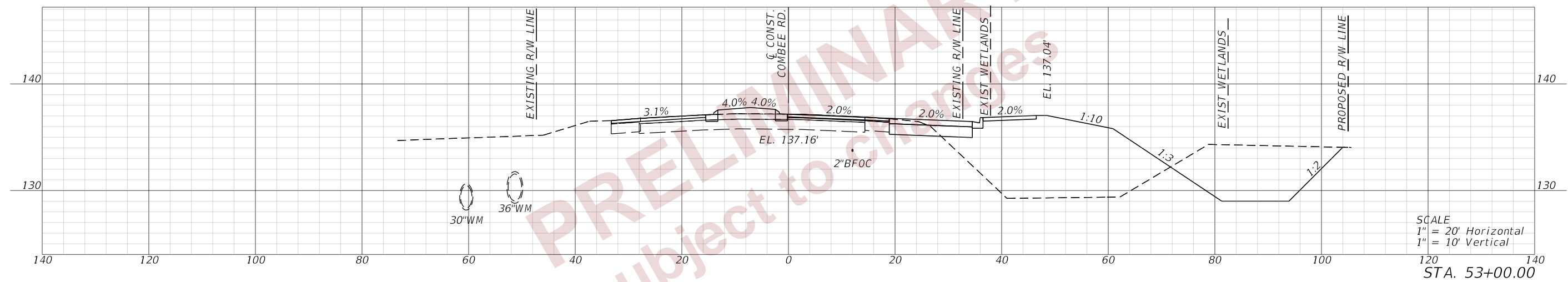
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4350 W. CYPRESS STREET, SUITE 800 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-4-52-01		246

END MILLING & RESURFACING
 END OVERBUILD
 BEGIN RECONSTRUCTION
 STA. 54+05.19



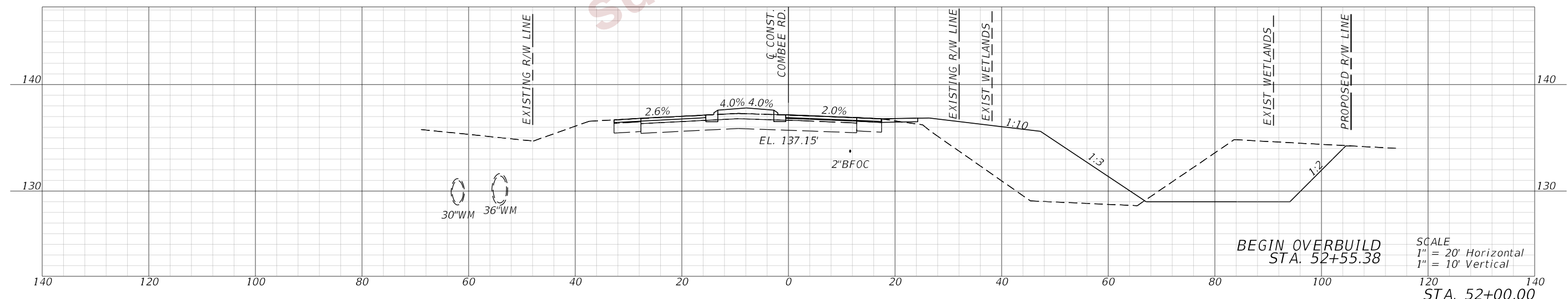
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STA. 54+00.00



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BEGIN OVERBUILD
 STA. 52+55.38

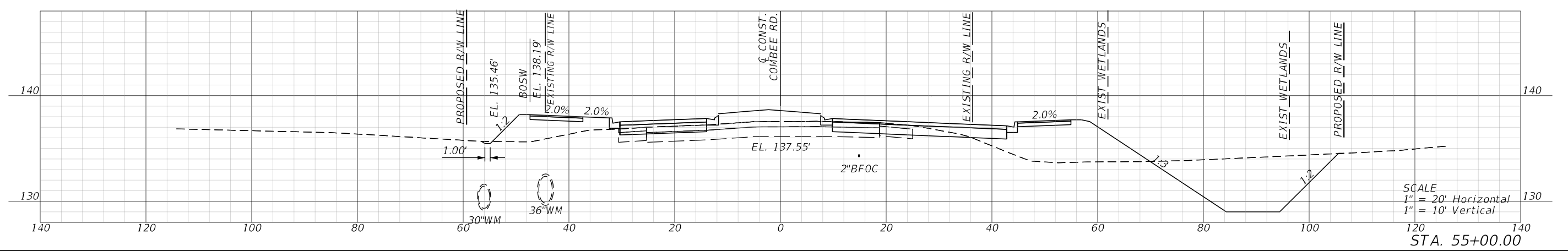
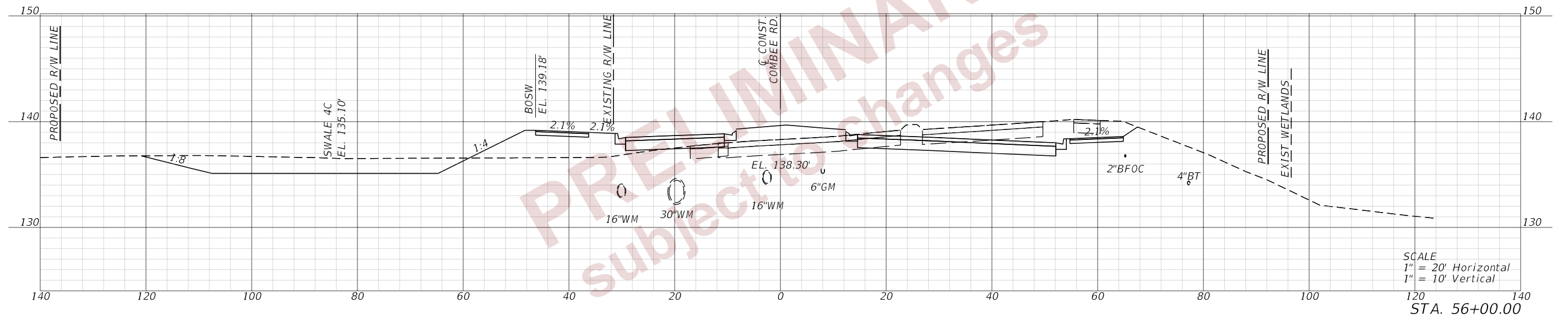
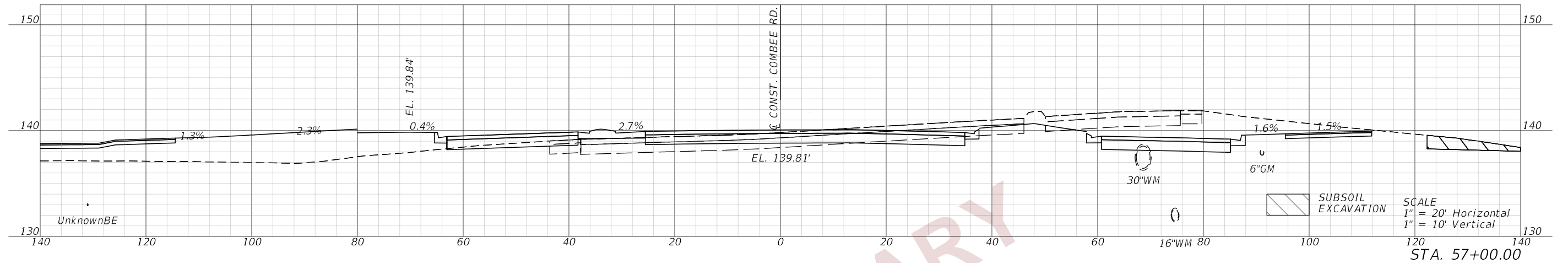
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (55) COMBEE ROAD	SHEET NO. 247
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4350 W. CYPRESS STREET, SUITE 800 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01					

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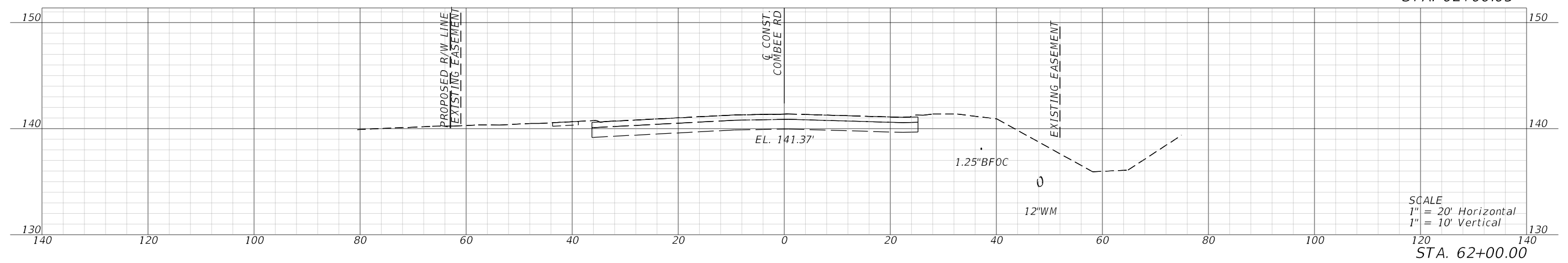
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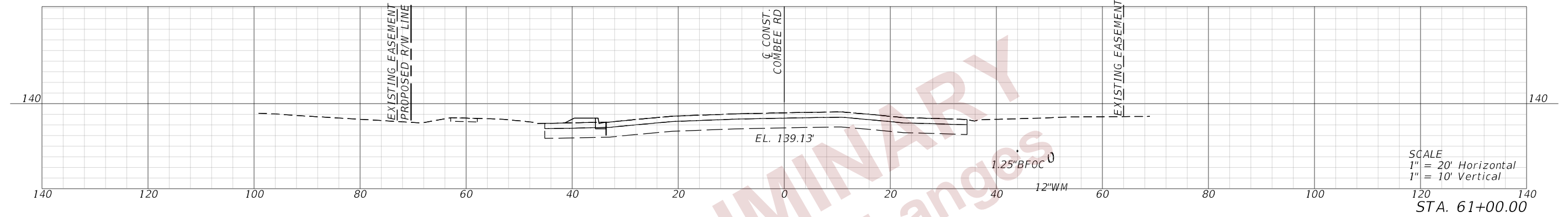
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (56) COMBEE ROAD	SHEET NO. 248
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4350 W. CYPRESS STREET, SUITE 800 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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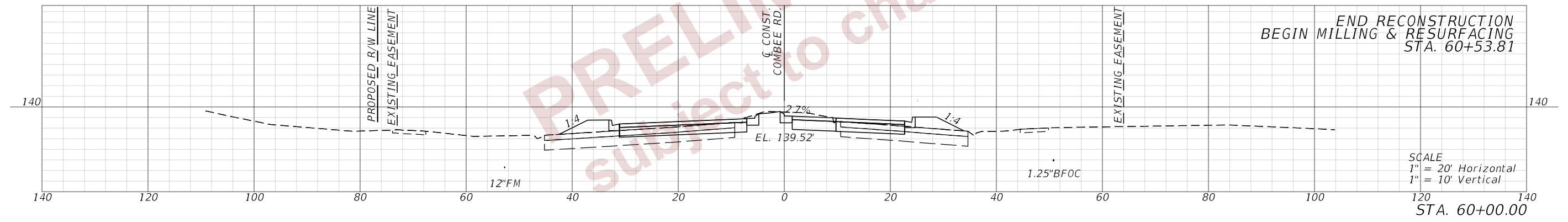
END CONSTRUCTION
END MILLING & RESURFACING
STA. 62+66.65



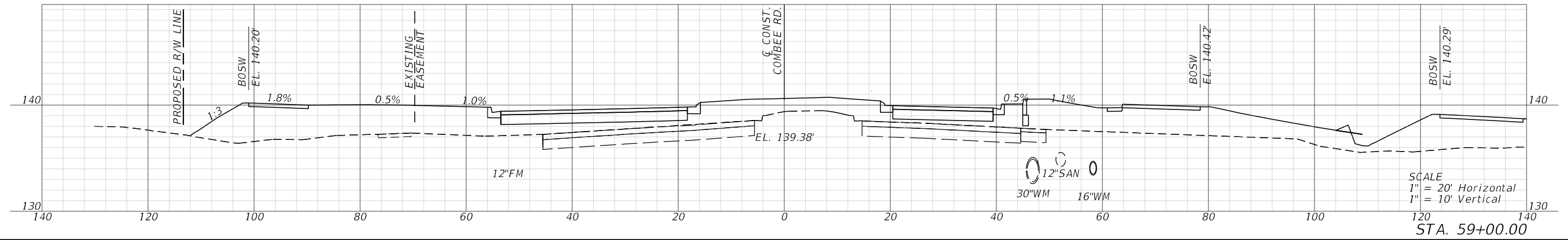
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STA. 62+00.00



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STA. 61+00.00



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STA. 60+00.00



SCALE
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STA. 59+00.00

PRELIMINARY
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (57) COMBEE ROAD	SHEET NO. 249
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4350 W. CYPRESS STREET, SUITE 800 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
Unknown	BE										

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I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PROPOSES TO RECONSTRUCT THE EXISTING SR 33 FROM A TWO-LANE ROADWAY TO A FOUR-LANE DIVIDED SUBURBAN FACILITY. THE SR 33 IMPROVEMENTS INCLUDE A SIDEWALK ALONG THE WEST SIDE OF THE PROJECT AND A SHARED USE PATH ALONG THE EAST SIDE. THE PAVEMENT OF THE EXISTING SR 33 LANES WILL BE MILLED AND RESURFACED AND WILL BECOME THE NEW SOUTHBOUND LANES. THE NORTHBOUND LANES WILL BE NEW CONSTRUCTION.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

- (a) THE CONTRACTOR SHALL BE REQUIRED TO PREPARE A SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN ALONG WITH A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT.
- (b) THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER.
- (c) APPLICABLE EROSION AND SEDIMENT CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE FDOT STANDARD INDEXES AND THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (E&SC MANUAL).
- (d) THE ENGINEER IS RESPONSIBLE FOR DETERMINING IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND TO OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES FROM THE CONTRACTOR.

(3) GENERAL NOTES:

- (a) ALL EROSION AND SEDIMENT CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
- (b) INSTALL EROSION AND SEDIMENT CONTROL DEVICES WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
- (c) PROVIDE SEDIMENT BARRIERS WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR DITCH/SWALE CHECK DAMS DURING CONSTRUCTION.
- (d) PROVIDE INLET PROTECTION SYSTEMS AT INLET OPENINGS.
- (e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
- (f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
- (g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
- (h) DO NOT REMOVE PERIMETER CONTROLS UNTIL ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 112.0 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 80.5 ACRES.

(5) RUNOFF COEFFICIENTS BEFORE Cw (B), DURING Cw (D) AND AFTER Cw (A) CONSTRUCTION:

GRASSED SHOULDERS ADJACENT TO ROADWAY: C=0.25
 IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C=0.95
 DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C=0.40

WEIGHTED RUNOFF COEFFICIENT:

BEFORE: Cw (B) = 0.43 DURING: Cw (D) = 0.69 AFTER: Cw (A) = 0.62

THE RUNOFF COEFFICIENT DURING CONSTRUCTION, Cw (D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION AND THE REMAINING AMOUNT IS THE EXISTING IMPERVIOUS AND GRASSED SHOULDER AREAS.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:

THERE ARE FIVE (5) SOIL TYPES WITHIN THE PROJECT AREA. A ROADWAY SOIL SURVEY IS INCLUDED IN THE PLANS.

SOIL TYPE	HYDROLOGIC GROUP	DEPTH TO SHWE
3 - CANDLER SAND (7%)	A	> 6.0'
15 - TAVARES FINE SAND (3%)	A	3.5' - 6.0'
22 - POMELLI FINE SAND (5%)	C	2.0' - 3.5'
29 - ST. LUCIE FINE SAND (15%)	A	> 6.0'
68 - POMONA-URBAN LAND COMPLEX (70%)	A	2.0' - 4.0'

REFERENCE: USDA SOIL SURVEY OF POLK COUNTY FLORIDA

(7) ESTIMATED DRAINAGE FLOW DIRECTION AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:

- (a) SITE MAP: SEE SHEETS 9-16.
- (b) DRAINAGE MAPS OR MAPS WITH APPROPRIATE CONTOURS: SEE SHEETS 9-16.

(8) RECEIVING WATERS:

LAKE DEESON, GATOR CREEK, SADDLE CREEK

(9) SADDLE CREEK (WBID 1497) IS A 303(d) LISTED IMPAIRED WATER FOR FECAL COLIFORM, COLIFORMS, AND BACTERIA.

(10) OUTFALL LOCATIONS: (TEMPORARY AND PERMANENT)

DESCRIPTION	MILEPOST	LATITUDE	LONGITUDE
(a) 1 - 30" RCP	MP 5.309	N 28° 06' 32"	W 81° 55' 44"
(b) 1 - 30" RCP	MP 5.694	N 28° 06' 37"	W 81° 55' 22"
(c) 2 - 10'x3' BRIDGE	MP 6.693	N 28° 06' 60"	W 81° 54' 32"
(d) 1 - 36" RCP	MP 6.996	N 28° 07' 14"	W 81° 54' 25"
(e) 1 - 6'x2' CBC	MP 7.416	N 28° 07' 35"	W 81° 54' 16"
(f) 1 - 36" PIPE	MP 8.123	N 28° 08' 10"	W 81° 54' 02"

(11) WETLAND AND/OR SURFACE WATER IMPACTS ARE LIMITED TO THE AREAS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

(12) DESCRIPTION OF STORMWATER MANAGEMENT: (EXISTING/PROPOSED)

- (a) EXISTING DRAINAGE FLOWS ARE TYPICALLY WEST TO EAST.
- (b) OFFSITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
- (c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. SEDIMENT CONTROL WILL BE ACCOMPLISHED BY USING STREET OR VACUUM SWEEPERS.
- (d) STORMWATER RUNOFF SHALL BE CONVEYED TO EITHER TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR TO PERMANENT STORMWATER MANAGEMENT FACILITIES (TREATMENT AND ATTENUATION PONDS). THE PROPOSED SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY. THE OUTFALL STRUCTURES ARE TO BE PLUGGED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL.
- (e) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE U.S.

II. CONTROLS:

SEDIMENT AND EROSION CONTROLS

(1) WATER QUALITY MONITORING:

- (a) WATER QUALITY MONITORING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIAL CONDITIONS OF ANY ENVIRONMENTAL PERMIT OR BY THE CONTRACTOR UPON THE OBSERVATION THAT WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS MAY BE SPECIFIED IN THE ENVIRONMENTAL PERMIT OR MAY BE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE PROJECT ADMINISTRATOR.
- (b) THE PROJECT ADMINISTRATOR WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (NO GREATER THAN 29 NTU'S ABOVE BACKGROUND OR GREATER THAN 0 NTU'S ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
- (c) IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHALL BE STOPPED IMMEDIATELY, THE ENVIRONMENTAL PERMIT CONDITIONS FOLLOWED AND EROSION AND SEDIMENT CONTROL DEVICES REEVALUATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (LESS THAN 29 NTU'S ABOVE BACKGROUND OR LESS THAN 0 NTU'S ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
- (d) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE PROJECT ENGINEER.

PRELIMINARY
subject to change

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	POLK

(2) STABILIZATION PRACTICES:

- (a) STABILIZATION MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO MAINTAINING, ESTABLISHING AND USING VEGETATION, APPLYING MULCHES, SODDING, SEEDING, BMP'S AND THE USE OF ROLLED EROSION CONTROLLED PRODUCTS. WHEN CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SIDE SLOPES SHALL BE STABILIZED WITH PERFORMANCE SODDING OR SEEDING OR ANY OTHER APPROVED METHOD OF STABILIZATION INCLUDED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (E&SC MANUAL).
- (b) STABILIZATION SHALL TAKE PLACE AS SOON AS PRACTICAL IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT NO LATER THAN 7 DAYS AFTER ANY CONSTRUCTION ACTIVITY CEASES EITHER TEMPORARILY OR PERMANENTLY.
- (c) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS, AND THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN.
- (d) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF THE PROJECT HAS BEEN ACHIEVED.
- (e) SEDIMENT BARRIERS SHOULD BE USED ALONG THE LENGTH OF THE PROJECT WHERE THE GROUND SLOPES AWAY FROM THE RIGHT OF WAY OR WHERE THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFF-SITE. PARTICULAR CARE SHOULD BE USED WHEN THERE ARE WETLANDS OR WATERS OF THE U.S. ARE INVOLVED. SEDIMENT BARRIERS SHOULD BE USED AROUND THE PERIMETER OF STOCKPILE AREAS.
- (f) SPACING OF SEDIMENT BARRIERS USED AS DITCH OR SWALE CHECKS/DAMS SHOULD BE BASED UPON THE HEIGHT OF THE BARRIER AND THE SLOPE OF THE DITCH OR SWALE.
- (g) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING SOIL TRACKING PREVENTION SYSTEMS OR PROCEDURES AS NEEDED.

(3) STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL

(a) ROLLED EROSION CONTROL PRODUCTS (ARTIFICIAL COVERINGS)

PURPOSE: TO PROTECT DISTURBED SLOPE SURFACES AGAINST EROSION DUE TO RAINFALL OR FLOWING WATER.

- (1) USED FOR PAUSES IN CONSTRUCTION DUE TO INCLEMENT WEATHER OR OTHER CIRCUMSTANCES. COULD INCLUDE NATURAL OR SYNTHETIC FIBER MATS, PLASTIC SHEETING OR NETS.
- (2) USED FOR EROSION CONTROL THAT FACILITATES PLANT GROWTH WHILE PERMANENT GRASS IS ESTABLISHED. COULD INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED ON A SEEDED AREA, ON FILL SLOPES OR IN DITCHES.
- (3) USED TO STABILIZE DRAINAGE CHANNELS. CONSULT E&SC MANUAL TO DETERMINE CORRECT PRODUCT TYPE FOR CHANNEL STABILIZATION.

(b) RUNOFF CONTROL STRUCTURE (TEMPORARY SLOPE DRAIN)

PURPOSE: TO PROTECT HILLSIDE SURFACES AGAINST EROSION DUE TO CONCENTRATED FLOW OF RUNOFF WATER.

- (1) USED ON FILL SLOPES AND CUT SLOPES TO REDUCE SEDIMENT TRANSPORT AND COULD INCLUDE TEMPORARY SLOPE DRAINS, GRASS-LINED CHANNELS, ROCK-LINED CHANNELS AND CHECK DAMS.
- (2) RUNOFF CONTROL STRUCTURES TYPICALLY DISCHARGE TO A SEDIMENT BASIN.

(c) SEDIMENT BASIN (CONTAINMENT SYSTEM)

PURPOSE: A CONTAINMENT SYSTEM IS DESIGNED TO DETAIN AN ADEQUATE VOLUME OF RUNOFF, REDUCE THE VELOCITY OF FLOW THROUGH THE SYSTEM, ALLOW FOR SETTLEMENT OF SUSPENDED SOLIDS AND REGULATE THE DISCHARGE RATE FROM THE SEDIMENT BASIN.

- (1) SEDIMENT BASINS MUST BE PLACED IN STRATEGIC LOCATIONS WITHIN THE ACTIVE AREAS OF CONSTRUCTION. CONTRIBUTING AREA AND SIZE OF TARGET SOIL PARTICLE WILL DICTATE WHETHER THE SEDIMENT BASIN WILL BE TYPE 1, TYPE 2 OR TYPE 3 SYSTEM.
- (2) THE USE OF SMALLER PRE-SEDIMENTATION BASINS USED IN CONJUNCTION WITH LARGER PERMANENT RETENTION/DETENTION PONDS ARE EFFECTIVE IN CAPTURING LARGER VOLUMES OF SEDIMENTS. THIS TECHNIQUE REQUIRES PERIODICALLY SCHEDULED REMOVAL OF THE ACCUMULATED SEDIMENTS.

(d) SEDIMENT BARRIERS (TEMPORARY CONSTRUCTION SITE BMP'S)

PURPOSE: SEDIMENT BARRIERS EITHER OBSTRUCT FLOW OR PREVENT THE PASSAGE OF WATER WHILE CONSTRUCTION ACTIVITIES OCCUR. SMALLER SEDIMENT BARRIERS MAY FUNCTION AS A SMALL SEDIMENT CONTAINMENT SYSTEM OR AS A METHOD TO REDUCE FLOW VELOCITY.

- (1) THESE CONSTRUCTION BMP'S CAN INCLUDE SYNTHETIC BALES, STAKED SILT FENCE, TURBIDITY BARRIER, STORM SEWER INLET BARRIERS, ROCK BARRIERS, GEOSYNTHETIC BARRIERS, ETC.
- (2) APPROPRIATE LOCATIONS INCLUDE SITE PERIMETER, BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION, BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, ALONG THE TOE OF STREAM AND CHANNEL BANKS, AROUND DRAINS AND INLETS LOCATED IN LOWPOINTS OR THE DOWNSTREAM EDGE OF AREAS UNDERGOING VERTICAL OR BOX CULVERT CONSTRUCTION ACTIVITIES.
- (3) INAPPROPRIATE LOCATIONS FOR THESE SAME MEASURES INCLUDE PARALLEL TO A HILLSIDE CONTOUR, IN CHANNELS WITH CONCENTRATED FLOW (UNLESS PROPERLY REINFORCED), UPSTREAM OR DOWNSTREAM OF CULVERTS WITH CONCENTRATED FLOW, IN FRONT OF OR AROUND INLETS ON A GRADE WITH CONCENTRATED FLOW OR IN FLOWING STREAMS.

(e) FLOATING TURBIDITY BARRIER

PURPOSE: USED IN PERMANENT BODIES OF WATER TO RETAIN SEDIMENT AND FLOATING DEBRIS FROM A CONSTRUCTION AREA SO THAT REMOVAL OR CONTAINMENT OF THE MATERIAL IS POSSIBLE. THEY ARE ALSO USED TO CONTROL MIGRATION OF SUSPENDED SEDIMENTS.

- (1) TYPE I, LIGHT DUTY, IS USED WHERE THERE IS LITTLE OR NO CURRENT, NO WIND AND NO WAVE ACTION.
- (2) TYPE II, MODERATE DUTY, IS USED WITH SOME CURRENT (<3.5 FT. PER SECOND) AND SOME EXPOSURE TO WIND.
- (3) TYPE III, HEAVY DUTY, IS USED WITH GREATER CURRENT (3.5-5.0 FT. PER SECOND), MODERATE WIND AND WAVE ACTION
- (4) BARRIER MUST BE ATTACHED AT BOTH ENDS AND WEIGHTED ON THE BOTTOM.
- (5) MULTIPLE LINES OF BARRIER MAY BE USED IN SOME CIRCUMSTANCES FOR ADDITIONAL PROTECTION.
- (6) STANDARD PANELS FOR WATER DEPTHS ARE 5.0'. ADDITIONAL PANELS CAN BE USED FOR WATER DEPTHS > 5.0'.

(f) STAKED TURBIDITY BARRIER

PURPOSE: THIS ITEM IS COMMONLY USED IN AREAS WHERE CONTINUOUS CONSTRUCTION ACTIVITIES CHANGE THE NATURAL CONTOURS AND DRAINAGE RUNOFF PATTERNS.

- (1) COMMONLY USED IN LAKES AND STREAMS AS A SEDIMENT CONTAINMENT SYSTEM. SHOULD NOT BE USED WHERE WATER CURRENTS MOVE THE CURTAIN AND DISLODGE COLLECTED SEDIMENTS.
- (2) MAXIMUM DEPTH OF PANEL IS 3'-8".
- (3) POST MUST BE A MINIMUM LENGTH OF 5.0' AND A MINIMUM OF 10" OF FABRIC MUST BE IMBEDDED IN THE GROUND.

(g) INLET PROTECTION SYSTEM

PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.

- (1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME AND FILTER BARRIERS, CURB INLET "SUMP" BARRIER, CURB INLET DIVERSION BERM, CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM OR CURB INLET INSET.
- (2) SHOULD BE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ONGOING AND ONLY WHERE SUMP CONDITIONS EXIST.
- (3) SHOULD NOT BE USED WHEN CONSTRUCTION IS COMPLETE AND SHOULD NOT BE USED IN AREAS WHERE FLOODING COULD ENCRACH INTO THE TRAVEL LANES.

(h) SOIL TRACKING PREVENTION DEVICE

PURPOSE: TEMPORARY STRUCTURES TO ASSIST WITH THE REMOVAL OF SOIL MATERIAL CAPTURED ON VEHICLE TIRES BEFORE THE VEHICLES ENTER THE ROADWAY.

- (1) USE ONE DEVICE PER MILE WITH A MINIMUM OF TWO PER PROJECT.
- (2) USE ADDITIONAL DEVICES FOR CONSTRUCTION AREAS THAT ARE NOT ADJACENT TO THE ROAD RIGHT OF WAY AND NO ACCESS IS PROVIDED THROUGH A SOIL TRACKING PREVENTION DEVICE.
- (3) RRR PROJECTS SHOULD BE HANDLED ON A CASE BY CASE BASIS.

PRELIMINARY
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(4) CHEMICAL TREATMENTS FOR EROSION AND SEDIMENT CONTROL

(a) CHEMICAL TREATMENT - POLYACRYLAMIDES (PAM AND PAM BLENDS)

PURPOSE: REDUCE SOIL EROSION THROUGH SOIL BINDING, USED AS A WATER TREATMENT ADDITIVE TO REMOVE SUSPENDED SOLIDS FROM RUNOFF, PROVIDES APPROPRIATE MEDIUM FOR GROWTH OF VEGETATION FOR STABILIZATION AND INCREASES INFILTRATION BY INCREASING SIZE OF SOIL PARTICLE.

- (1) CAN BE USED ON DISTURBED SOILS. CAN BE USED IN CONJUNCTION WITH OTHER BMP'S TO ENHANCE PERFORMANCE. CAN BE APPLIED IN DISSOLVED FORM WITH WATER, CAN BE USED AS A DRY POWDER, CAN BE USED IN GRANULAR FORM OR MAY BE USED IN THE FORM OF FLOC LOGS.
- (2) HIGHER CONCENTRATIONS OF PAM'S DON'T INCREASE THE EFFECTIVENESS OF THE PRODUCT.
- (3) ACTIVELY WORKED AREAS WILL REQUIRE REAPPLICATION TO REMAIN EFFECTIVE.
- (4) PAM SHOULD NOT BE USED WHERE THERE IS A POTENTIAL FOR EQUIPMENT CLOGGING OR TOXICITY IS A CONCERN.

(b) CHEMICAL TREATMENT - ALUM

PURPOSE: REMOVE SUSPENDED SOLIDS AND POLLUTANTS BY ENMESHMENT AND ABSORPTION INTO ALUM. COLLECT FLOCS OF SUSPENDED SEDIMENTS IN RUNOFF AND STORE THEM IN SEDIMENT BASINS OR STORMWATER MANAGEMENT FACILITIES.

- (1) ALUM IS INJECTED INTO THE FLOW STREAM CONTAINING TURBID WATER. INJECTION IS CONTROLLED BY VARIABLE SPEED CHEMICAL PUMP TO FEED ALUM AT MULTIPLE TREATMENT POINTS. ALUM TREATMENT IS EFFECTIVE IN TREATMENT OF RUNOFF THAT CONTAINS LIMESTONE FROM UNPAVED SURFACES.
- (2) ALUM TREATMENT REQUIRES CLOSE MONITORING OF DOSAGE. COMBINATION WITH OTHER COMPOUNDS MAY VIOLATE TOXICITY REQUIREMENTS AND THE USE OF ALUM MAY LOWER PH LEVELS.

NOTE: THIS PAY ITEM IS CONSIDERED A CONTRACTOR'S OPTION FOR SEDIMENT CONTROL ISSUES THAT ARE PROJECT/SITE SPECIFIC. NOT TO BE USED IN THE DESIGN PROCESS WITHOUT CONTACTING LARRY RITCHIE IN THE STATE CONSTRUCTION OFFICE.

(5) DEWATERING OPERATIONS

DESCRIPTION: DEWATERING OPERATIONS ARE PRACTICES THAT MANAGE THE DISCHARGE OF TURBID WATER WHEN WATERS OTHER THAN STORMWATER AND ACCUMULATED SURFACE WATERS MUST BE REMOVED FROM A LOCATION SO THAT CONSTRUCTION WORK MAY BE ACCOMPLISHED. THESE WATERS CAN INCLUDE GROUNDWATER, WATER FROM COFFERDAMS, WATER DIVERSIONS AND WATERS USED DURING CONSTRUCTION THAT MUST BE REMOVED FROM A WORK AREA.

- (a) ENVIRONMENTAL AGENCIES ARE ESPECIALLY CONCERNED WITH THE PROTECTION OF WETLANDS FROM DRAWDOWN EFFECTS, PROTECTING RECEIVING BODIES FROM SEDIMENTATION AND POSSIBLE CAPACITY LIMITATIONS.
- (b) THREE PRIMARY METHODS OF DEWATERING COMMONLY USED IN FLORIDA ARE RIM-DITCHING, SOCK/PIPE/HORIZONTAL WELLS AND WELL-POINT SYSTEMS.
- (c) METHODS FOR CONTAINING SEDIMENTATION CAN INCLUDE A COMBINATION OF BMP'S AND SEDIMENT TRAPS, SEDIMENT BASINS, GRAVITY BAG FILTERS, WEIR TANKS, DEWATERING TANKS, SAND MEDIA/PRESSURIZED BAGS AND CHEMICAL TREATMENTS.

(6) COASTAL OPERATIONS

DESCRIPTION: CONSTRUCTION SITES IN COASTAL AREAS PRESENT UNIQUE CHALLENGES DUE TO HIGHER WIND SPEEDS, SALINE LADEN AIR MOISTURE AND WAVE ACTION THAT REQUIRE USING APPROPRIATE EROSION CONTROL TECHNIQUES THAT CAN WITHSTAND THESE ELEMENTS.

- (a) PARTICULAR CONCERNS DURING THE DEVELOPMENT OF EROSION CONTROL PLANS IN COASTAL OPERATIONS CAN INCLUDE THE RESISTANCE OF EROSION CONTROL MATERIALS TO SALT WATER, HIGH WATER TABLES, SOIL COMPACTION AND SITE DEVELOPMENT DUE TO THE TYPICAL SANDY SOILS LOCATED IN THESE AREAS AND SOIL STABILIZING VEGETATION MUST BE SALT TOLERANT.
- (b) HIGH ENERGY ENVIRONMENT SHOULD BE CONSIDERED WHEN SELECTING EROSION CONTROL DEVICES. FREQUENT MAINTENANCE IS NORMALLY REQUIRED FOR EROSION CONTROL DEVICES AND TIDAL FLUCTUATIONS MUST BE CONSIDERED WHEN SELECTING THE METHODS OF EROSION CONTROL.
- (c) TEMPORARY CONTROL TECHNOLOGIES FOR THE COASTAL ENVIRONMENT COULD INCLUDE THE USE OF COMPOST/WOOD MULCHING, HYDRAULIC MULCHING, SOIL BINDERS AND TEMPORARY HYDROSEEDING.
- (d) PERMANENT CONTROLS COULD INCLUDE THE USE OF POLYMER-ENHANCED ARMORING, PRESERVING EXISTING VEGETATION WHEN POSSIBLE, ESTABLISHING PERMANENT SALT-TOLERANT VEGETATION, CONSTRUCTION SITE BARRIERS (SHEET PILES/ CONCRETE WALLS/EARTHEN BERM), NATURAL /SYNTHETIC GEOTEXTILES, MATS, OR GEOGRIDS.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL

- (a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
- (b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- (c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO WETLANDS OR BURIED ON SITE.
- (d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

(2) OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:

- (a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPULIN AT ALL TIMES.
- (b) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.

(3) STATE AND FEDERAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES:

SWFWMD - INDIVIDUAL ENVIRONMENTAL RESOURCE PERMIT

(4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE FDOT WITH AN EROSION AND SEDIMENT CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS (FUEL, LUBRICANTS, HERBICIDES, ETC.) FROM SPILLING ONTO THE SOIL OR INTO THE SURFACE WATERS. IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT JEFFREY JAMES, DISTRICT CONTAMINATION IMPACT COORDINATOR AT (863) 519-2625.

IV. MAINTENANCE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES.

- (1) ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR AND ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.
- (2) SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- (3) SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.
- (4) STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

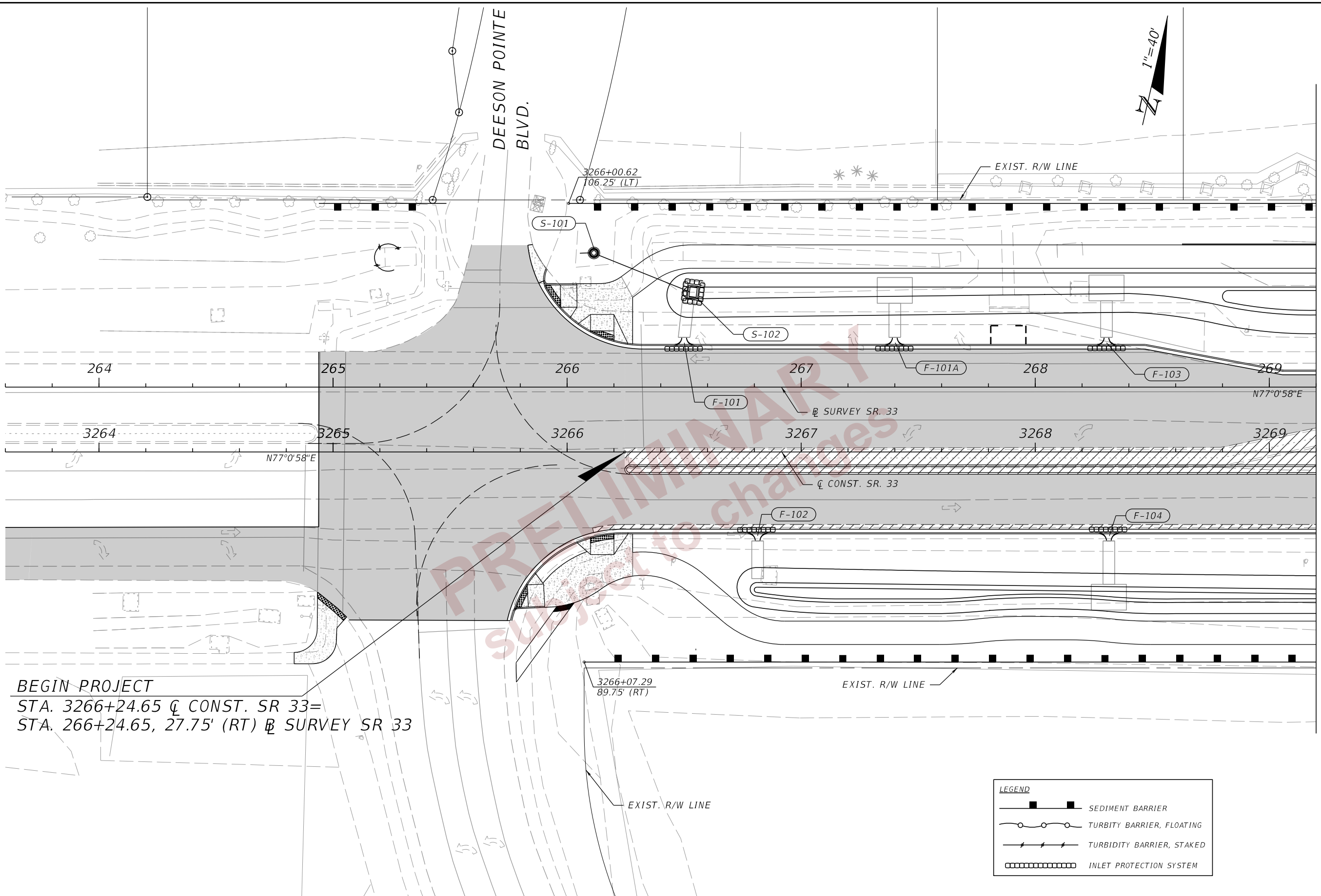
V. INSPECTION:

- (1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT.
- (2) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.
- (3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.

VI. TRACKING AND REPORTING:

- (1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE DEPARTMENT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE EROSION AND SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION AND SEDIMENT CONTROL DEVICES OF THE PROJECT.
- (3) THE CONTRACTOR SHALL USE THE SWPPP CONSTRUCTION INSPECTION REPORT FORM # 650-040-03, FOR DAILY INSPECTIONS.

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MATCHLINE STA. 3269+20.00

BEGIN PROJECT
 STA. 3266+24.65 ϕ CONST. SR 33=
 STA. 266+24.65, 27.75' (RT) ϕ SURVEY SR 33

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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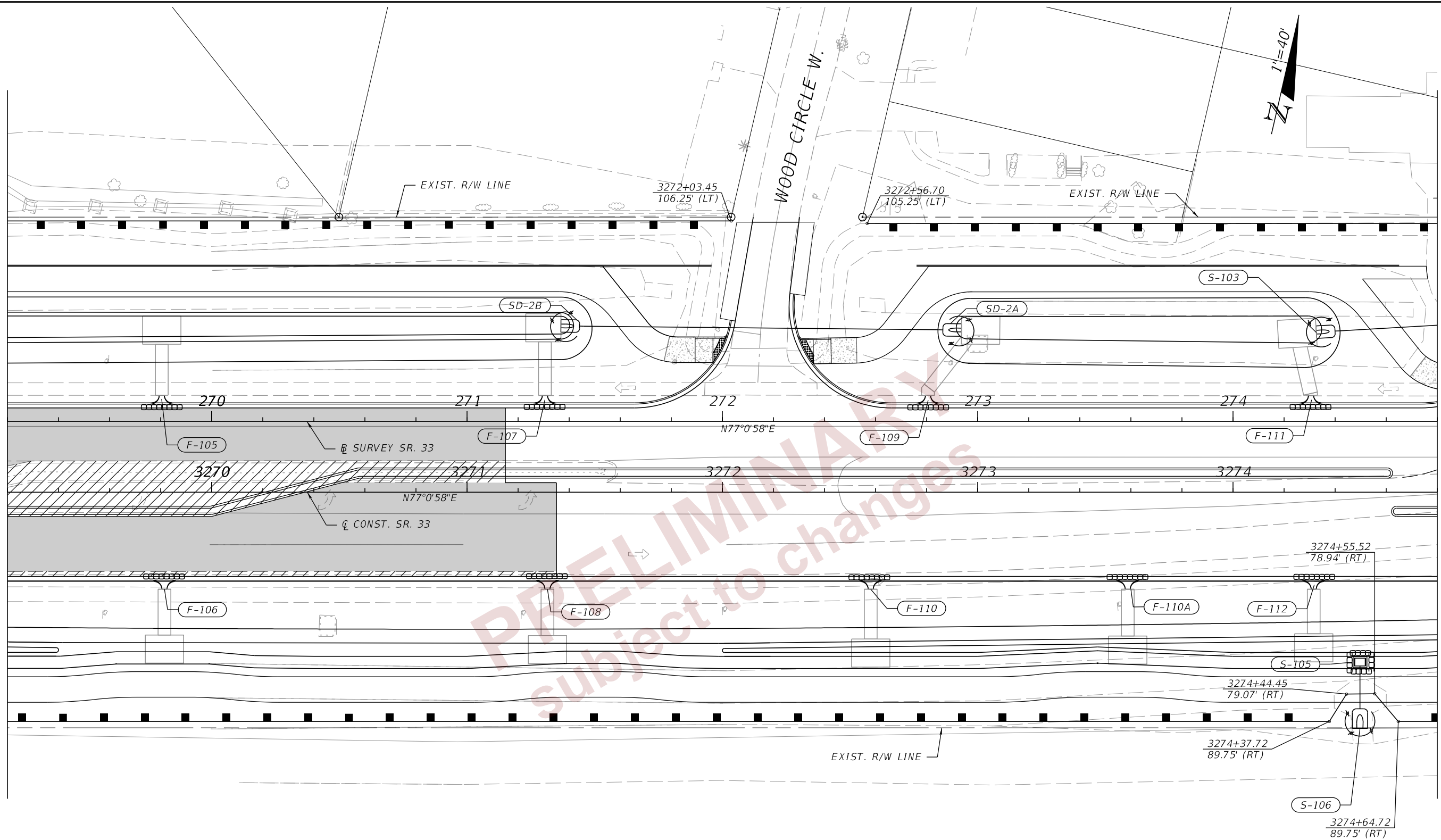
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	253

EROSION CONTROL PLANS (01)

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MATCHLINE STA. 3269+20.00



MATCHLINE STA. 3274+80.00

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 LISANDRO ZAPATA, P.E.
 LICENSE NUMBER 58822
 H. W. LOCHNER
 4300 W. CYPRESS STREET, SUITE 500
 TAMPA, FLORIDA 33607

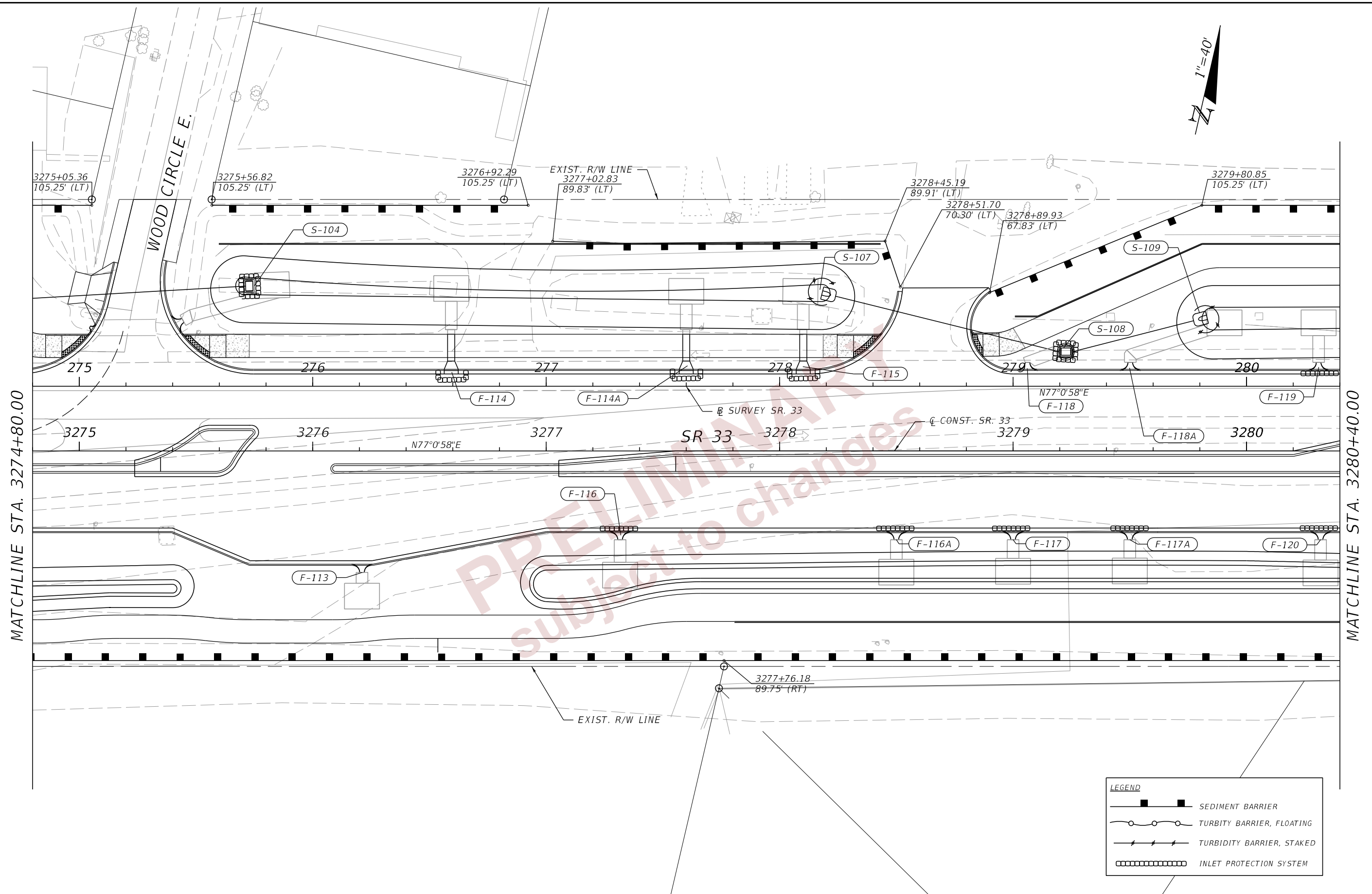
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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EROSION CONTROL PLANS (02)

SHEET NO.
254

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LEGEND	
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	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

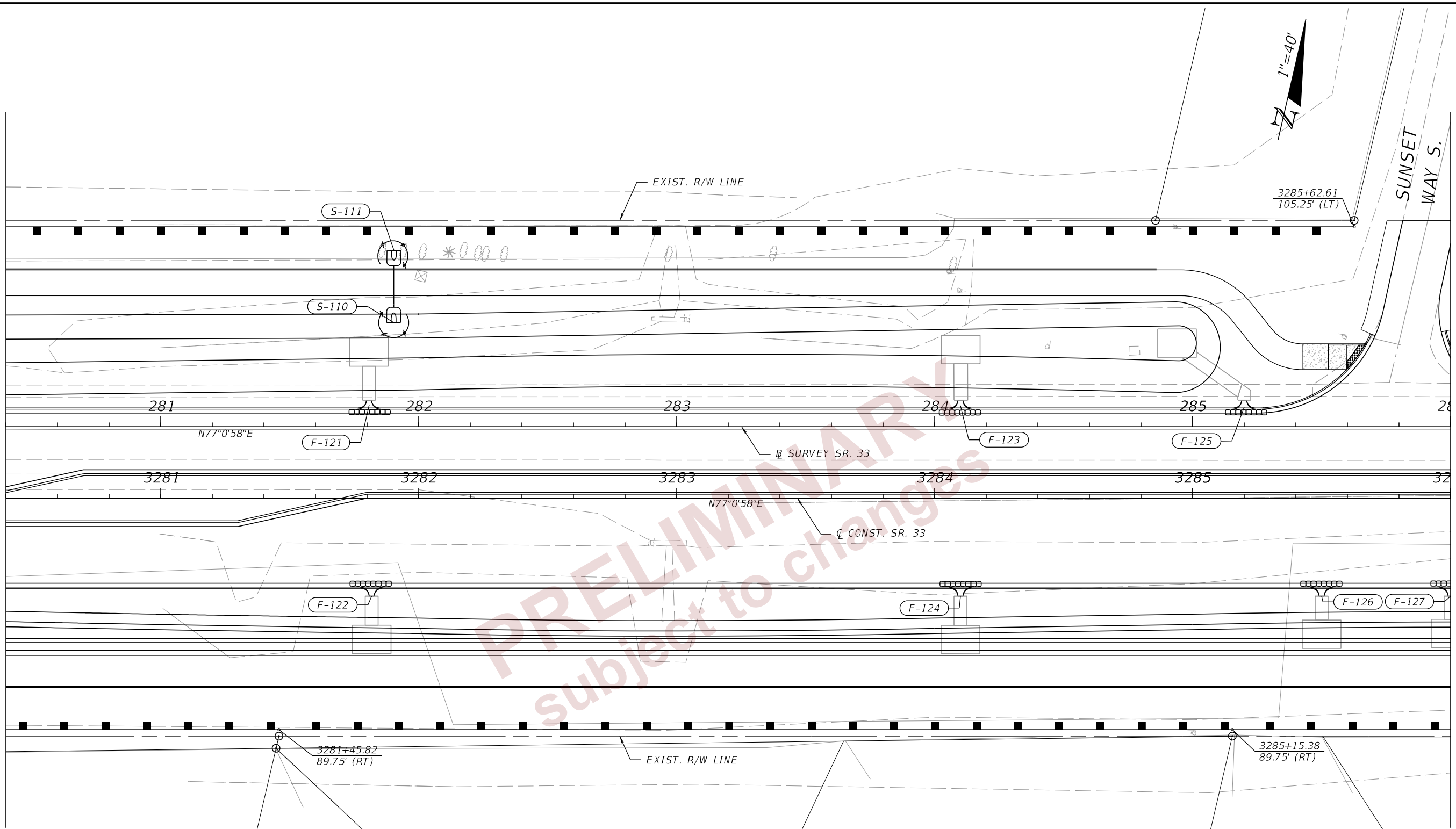
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	255

EROSION CONTROL PLANS (03)

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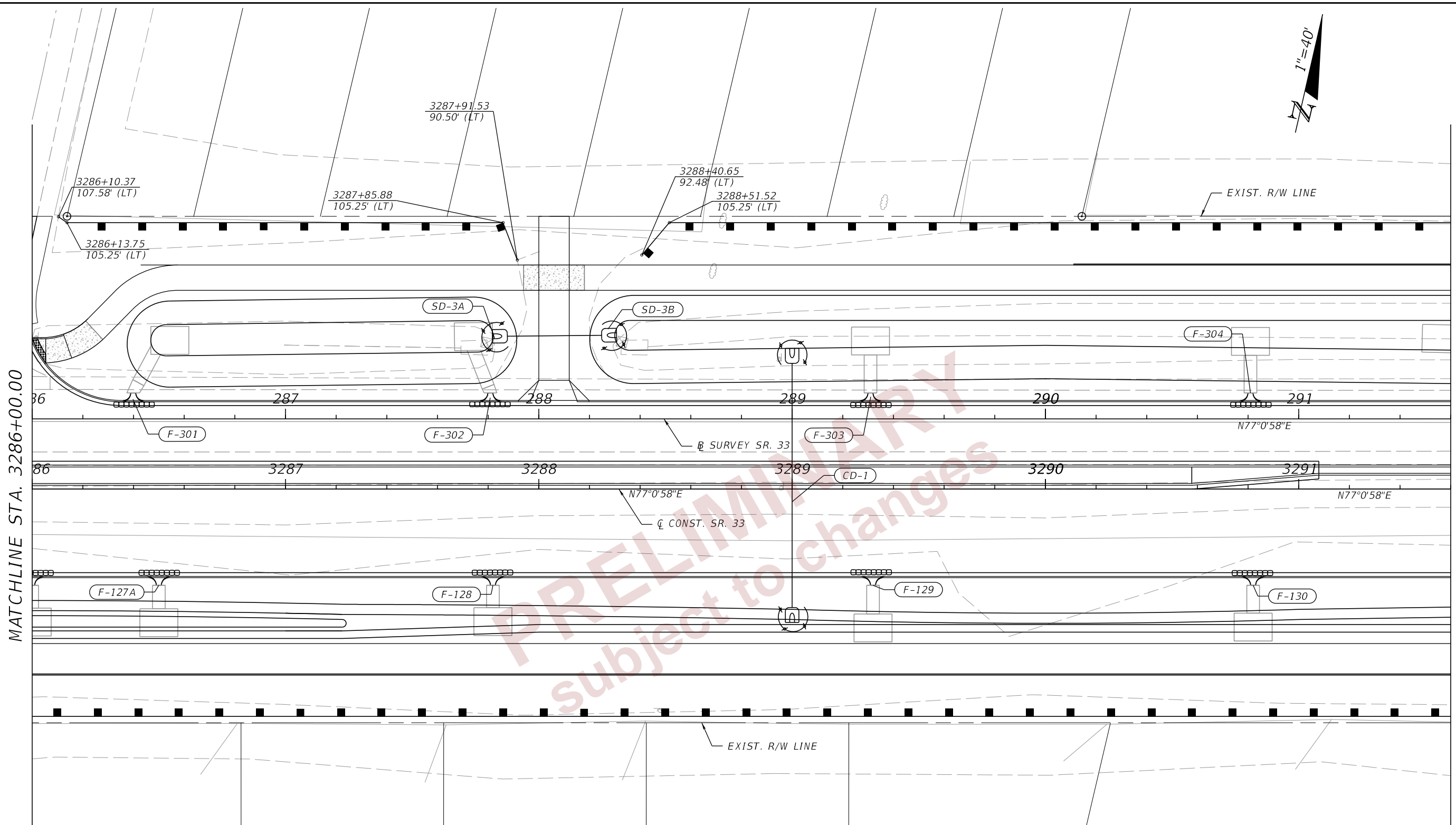


MATCHLINE STA. 3286+00.00

LEGEND	
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	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (04)	SHEET NO. 256
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MATCHLINE STA. 3291+60.00

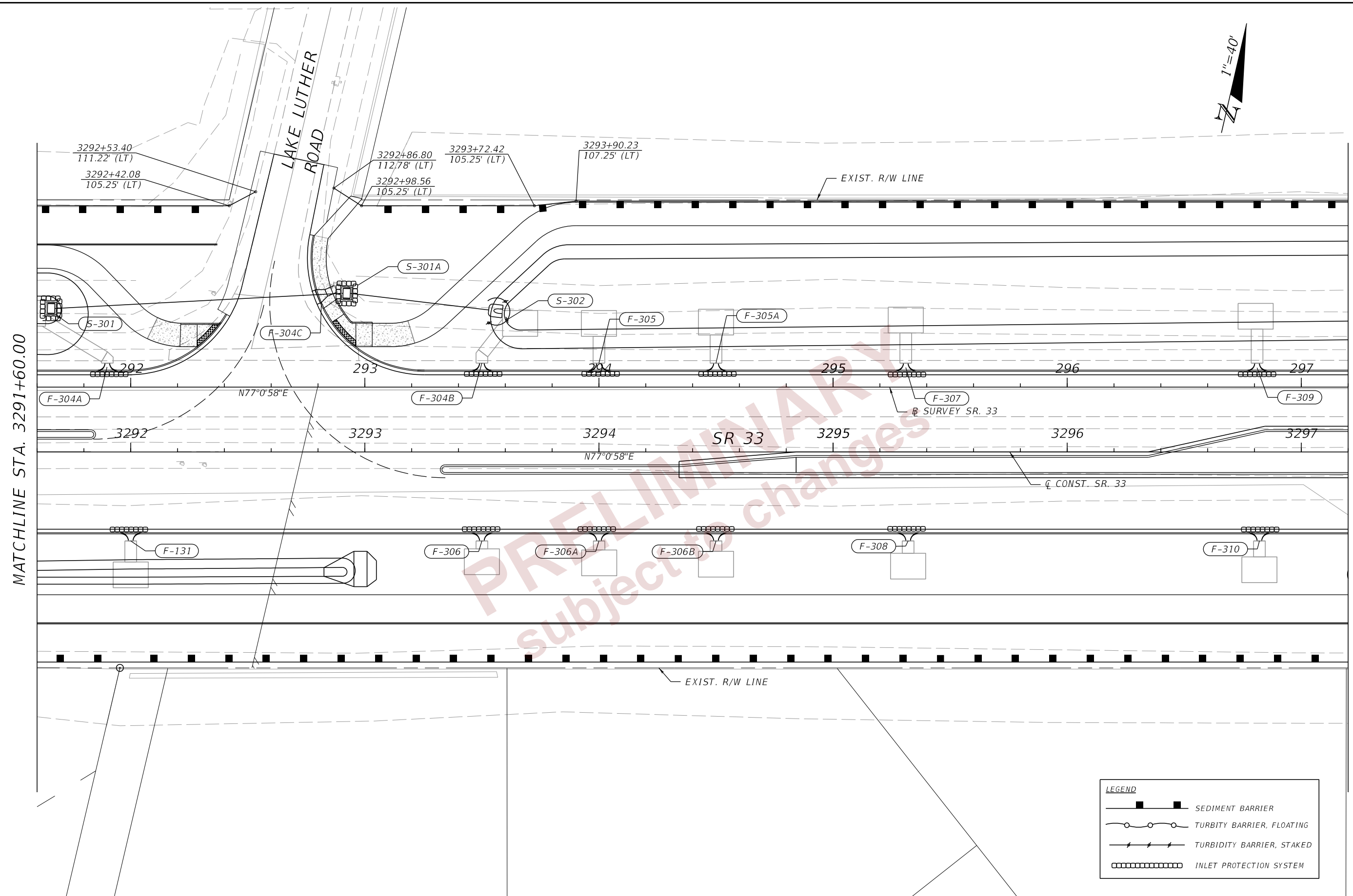
PRELIMINARY
Subject to changes

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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LEGEND	
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	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

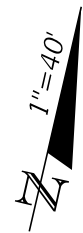
MATCHLINE STA. 3291+60.00

MATCHLINE STA. 3297+20.00

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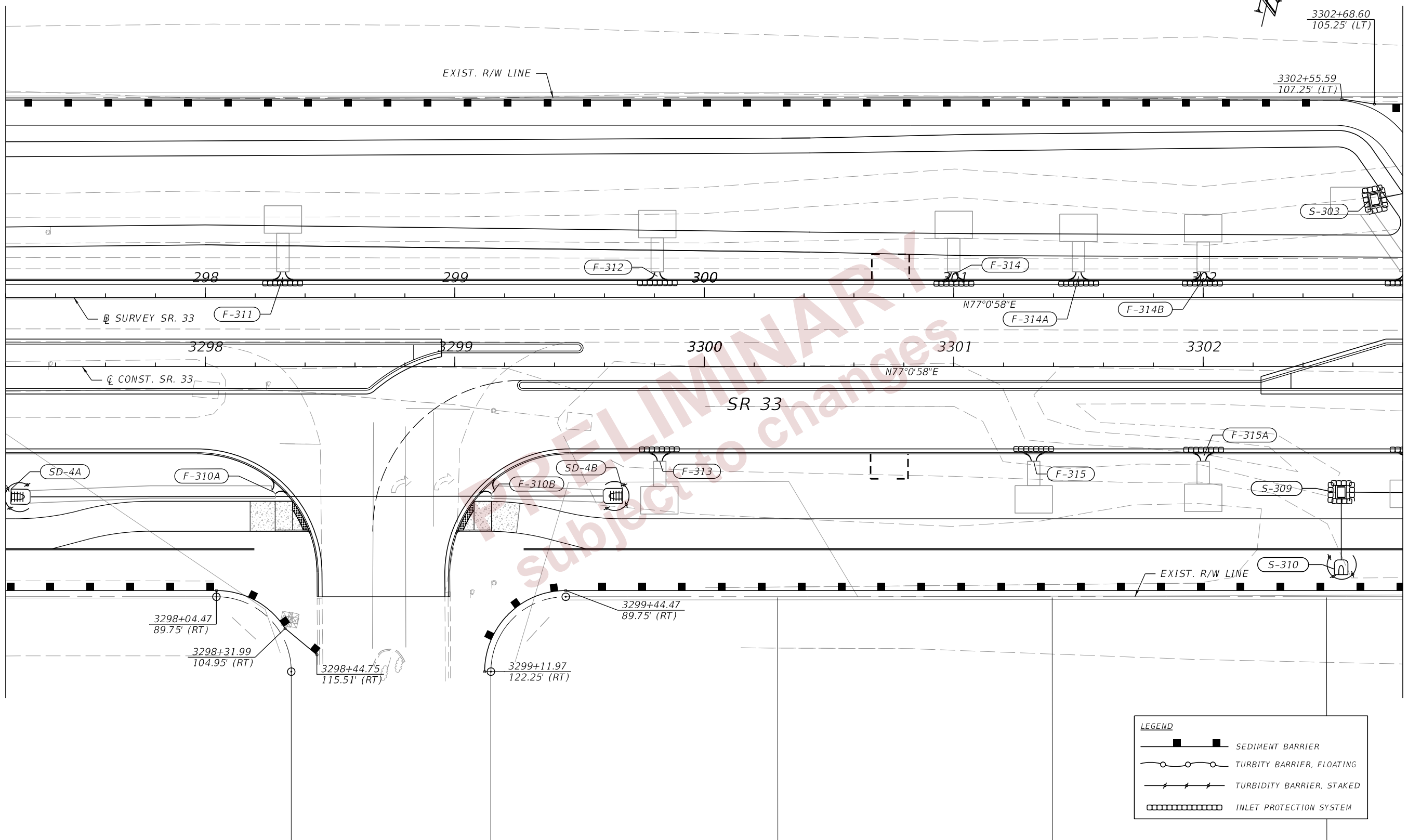
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MATCHLINE STA. 3297+20.00

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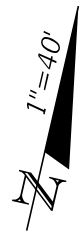


LEGEND	
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	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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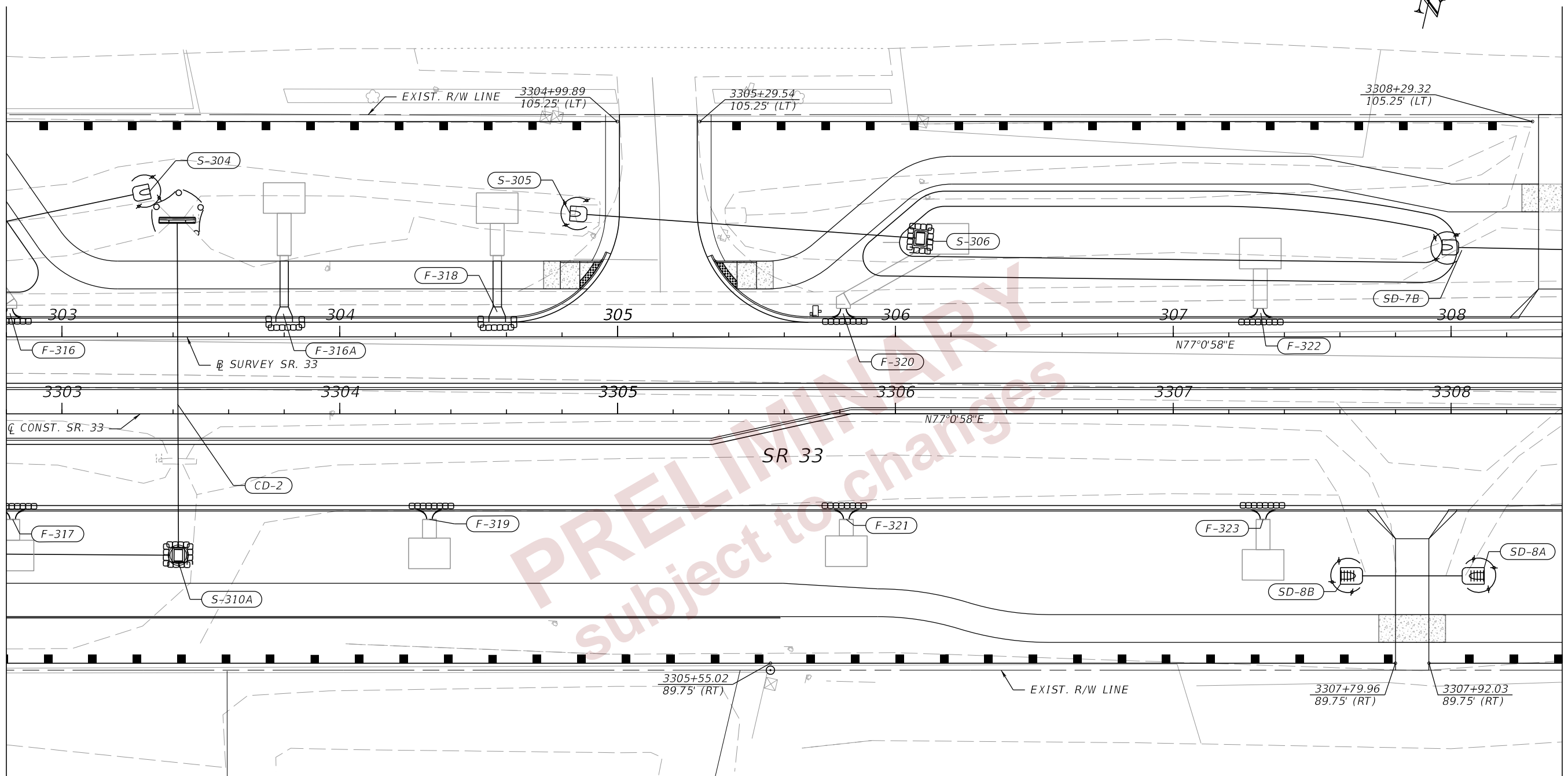
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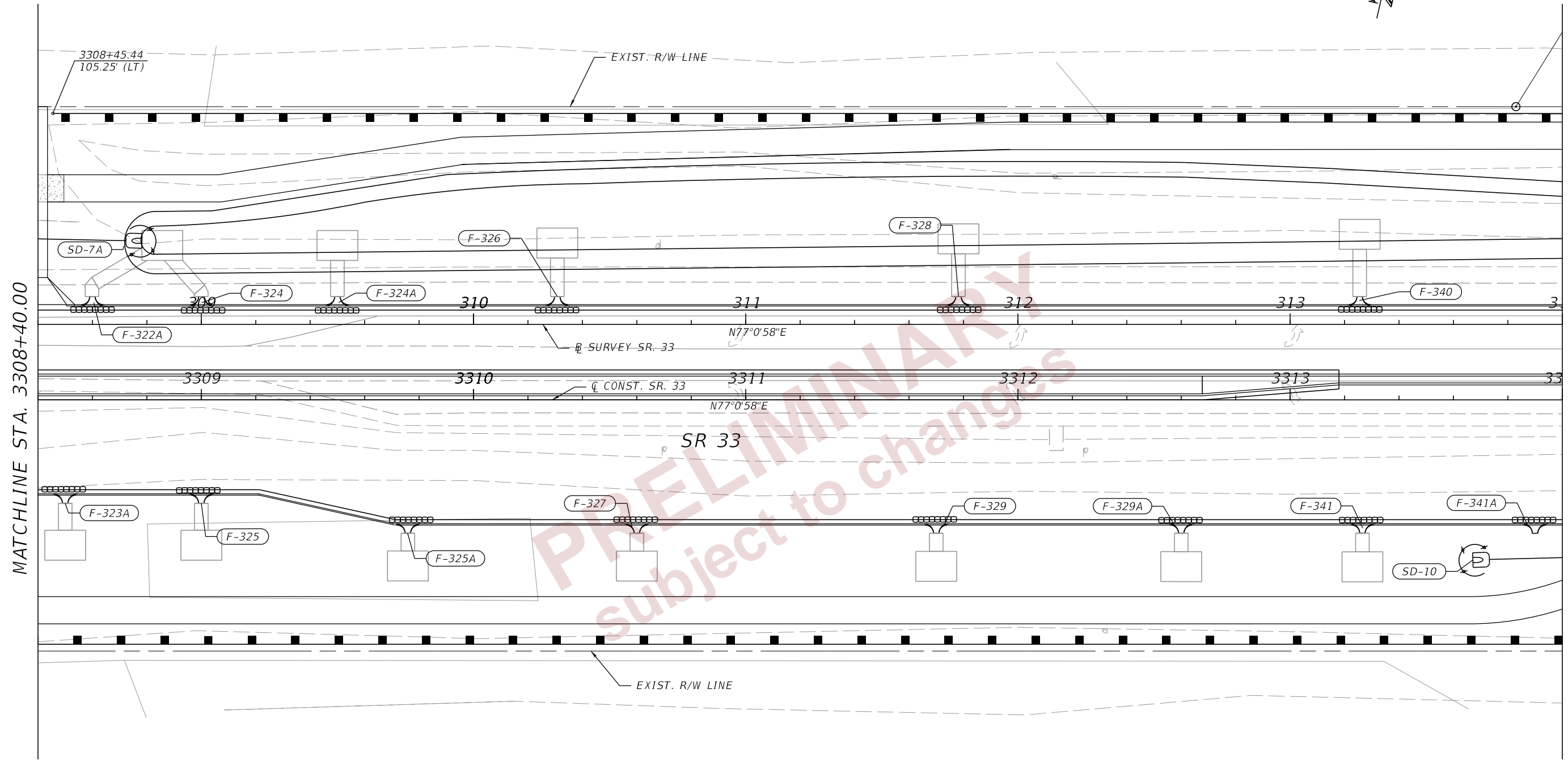


LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	260
EROSION CONTROL PLANS (08)									

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



LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

MATCHLINE STA. 3308+40.00

MATCHLINE STA. 3314+00.00

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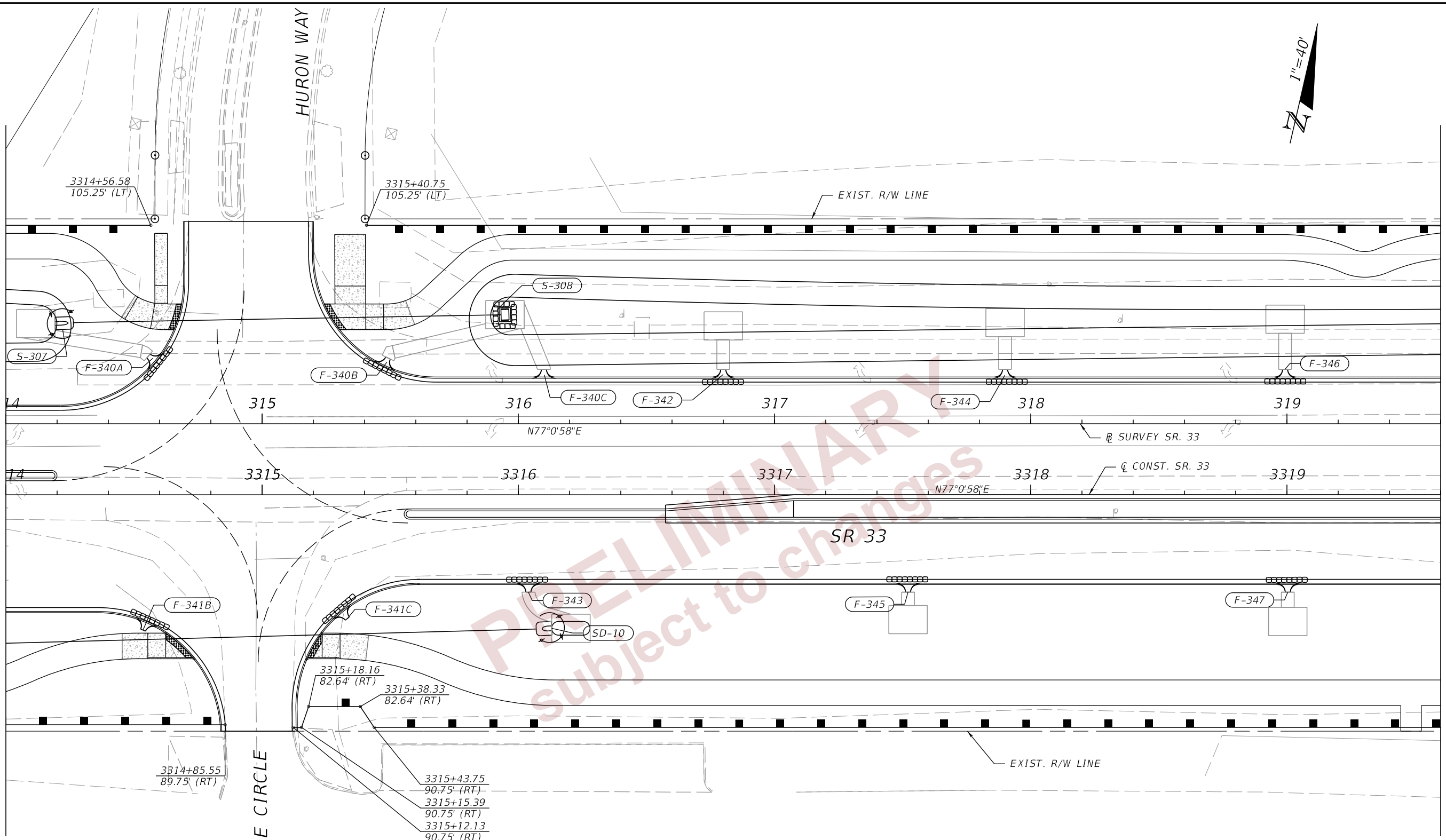
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (09)	SHEET NO. 261
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

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MATCHLINE STA. 3314+00.00

MATCHLINE STA. 3319+60.00

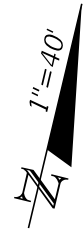


LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	262

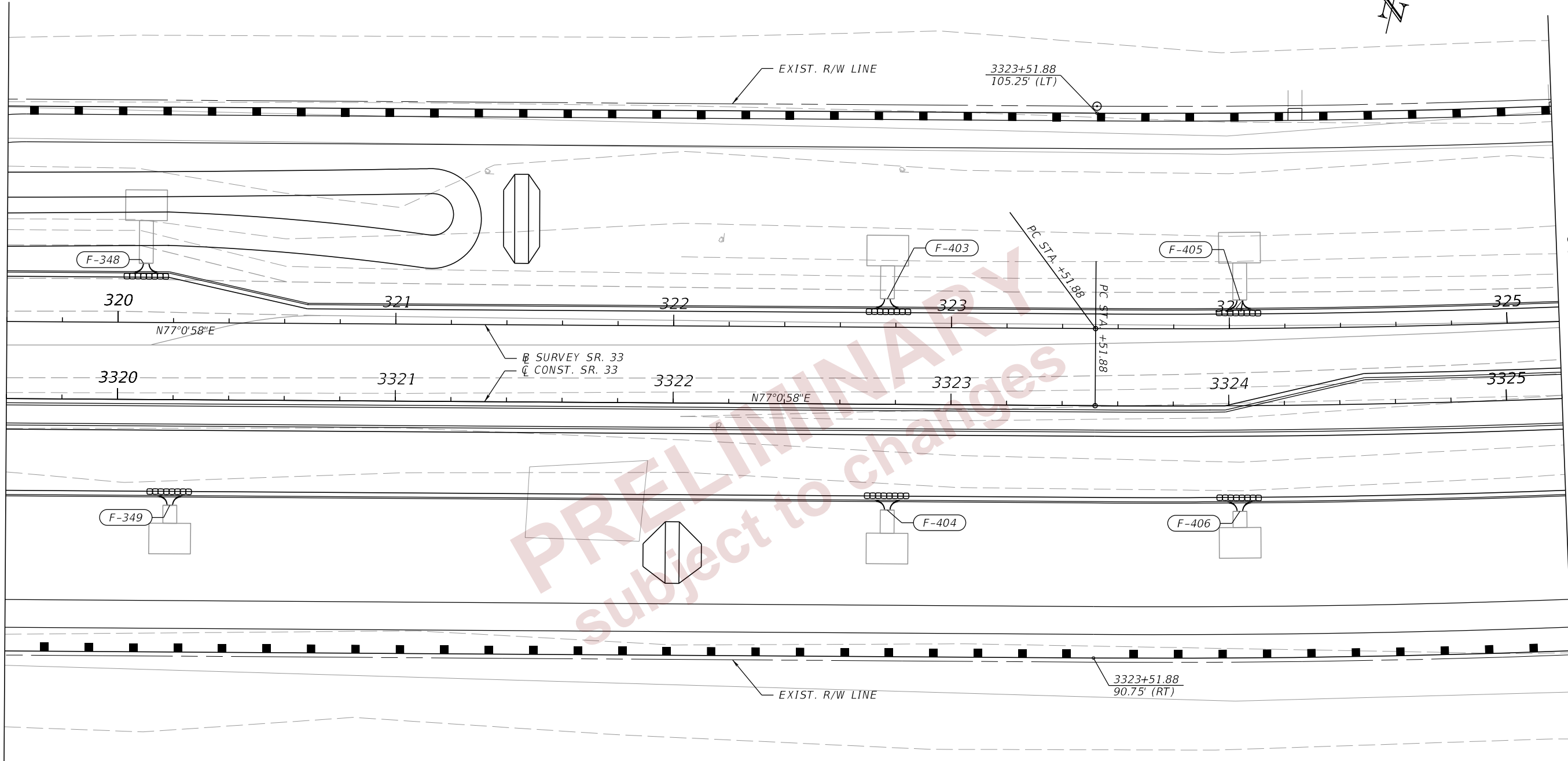
EROSION CONTROL PLANS (10)

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



MATCHLINE STA. 3319+60.00

MATCHLINE STA. 3325+20.00



LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

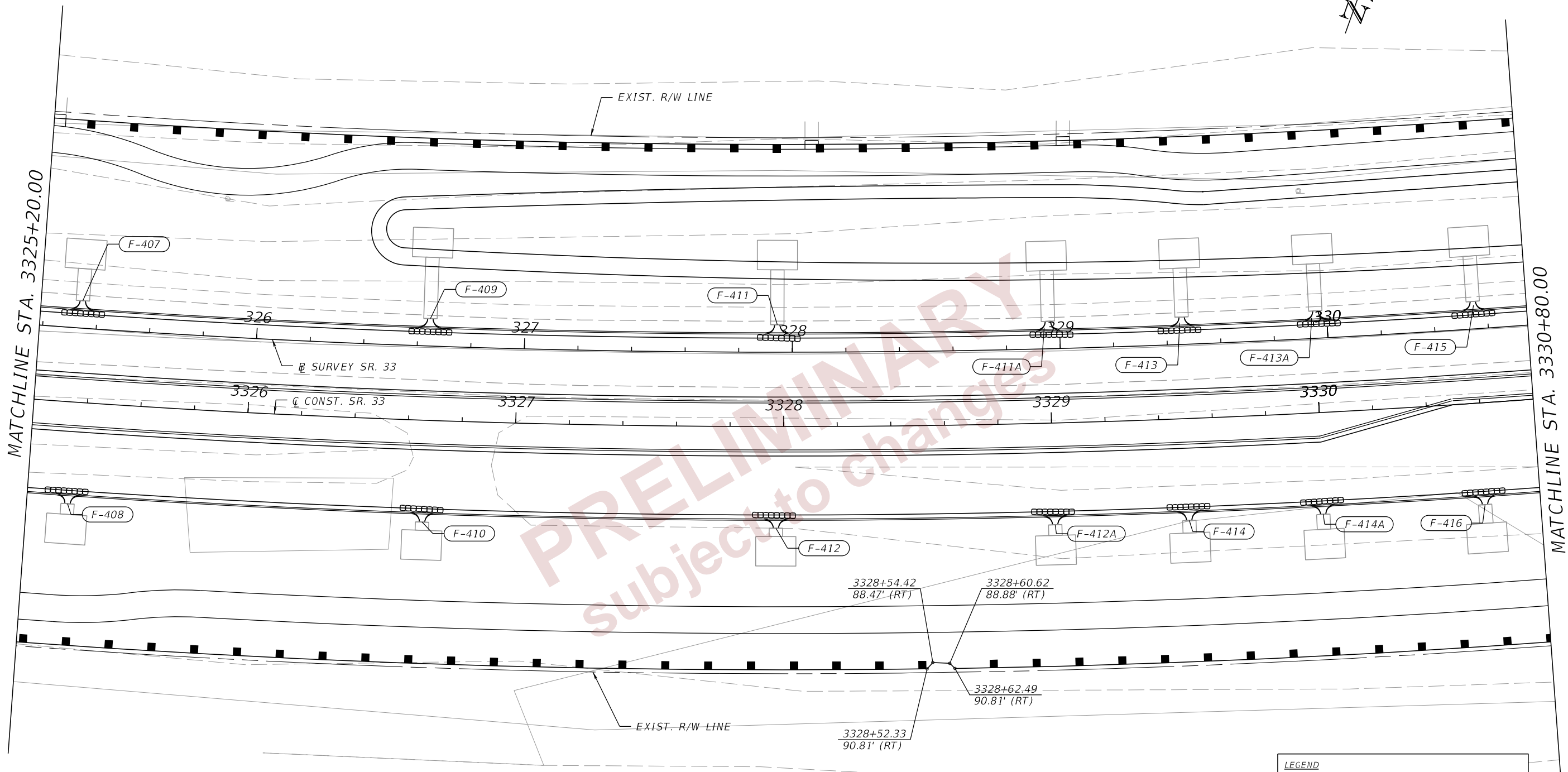
ENGINEER OF RECORD
LISANDRO ZAPATA, P.E.
LICENSE NUMBER 58822
H. W. LOCHNER
4300 W. CYPRESS STREET, SUITE 500
TAMPA, FLORIDA 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

EROSION CONTROL PLANS (11)

SHEET NO.
263

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



MATCHLINE STA. 3325+20.00

MATCHLINE STA. 3330+80.00

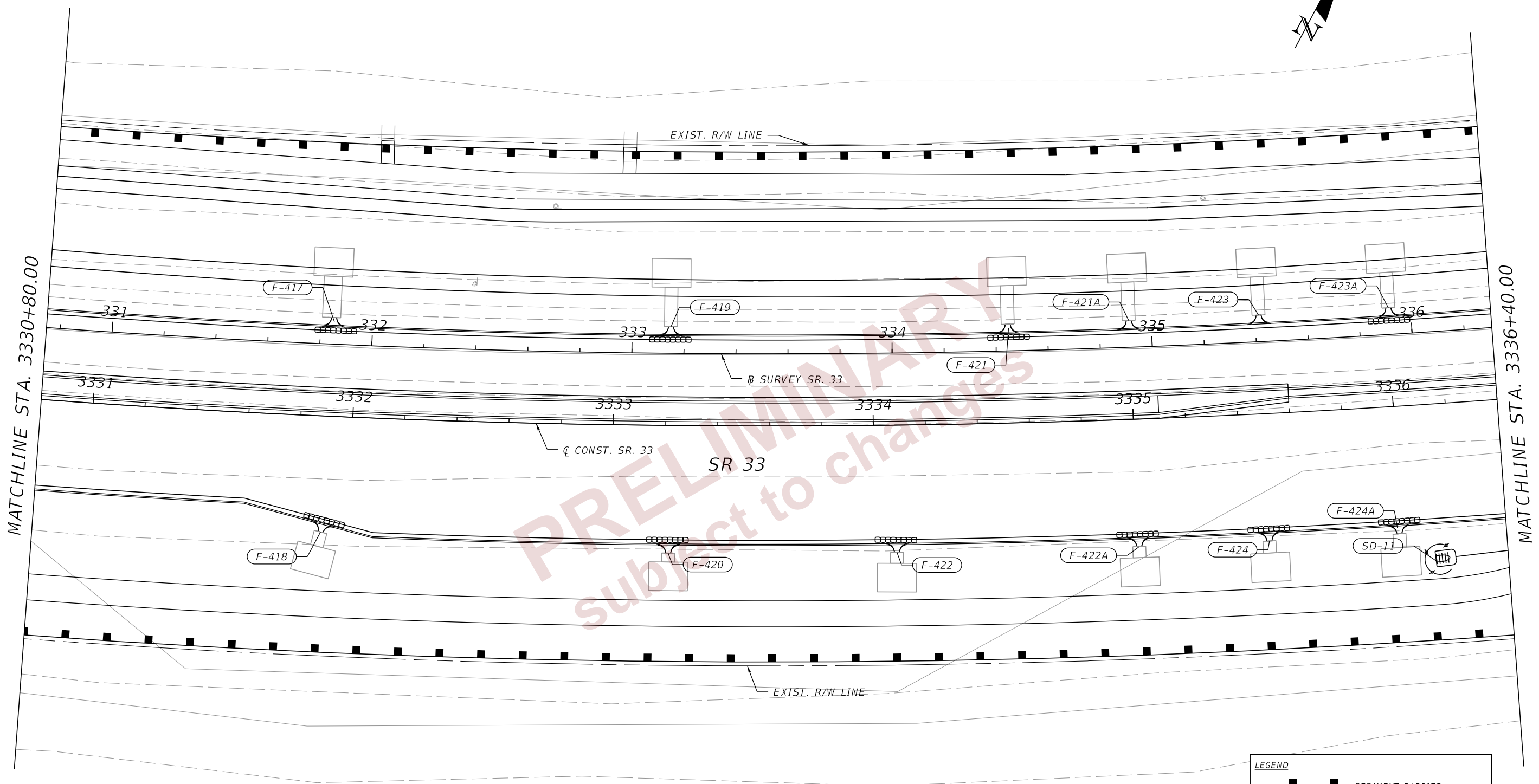
PRELIMINARY
subject to changes

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (12)	SHEET NO. 264
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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



LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

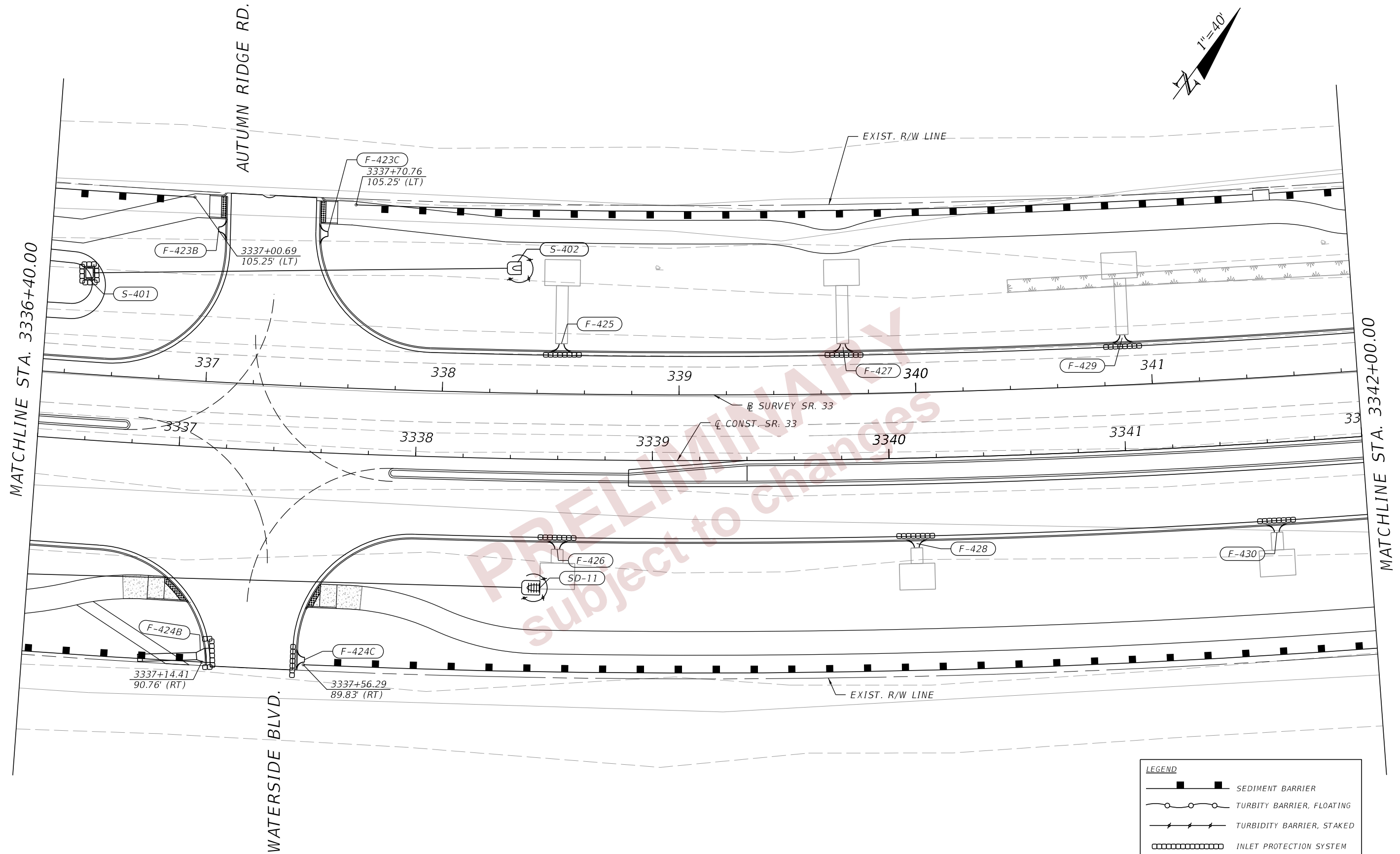
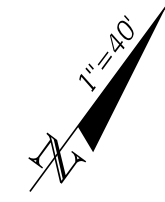
MATCHLINE STA. 3330+80.00

MATCHLINE STA. 3336+40.00

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (13)	SHEET NO. 265
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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

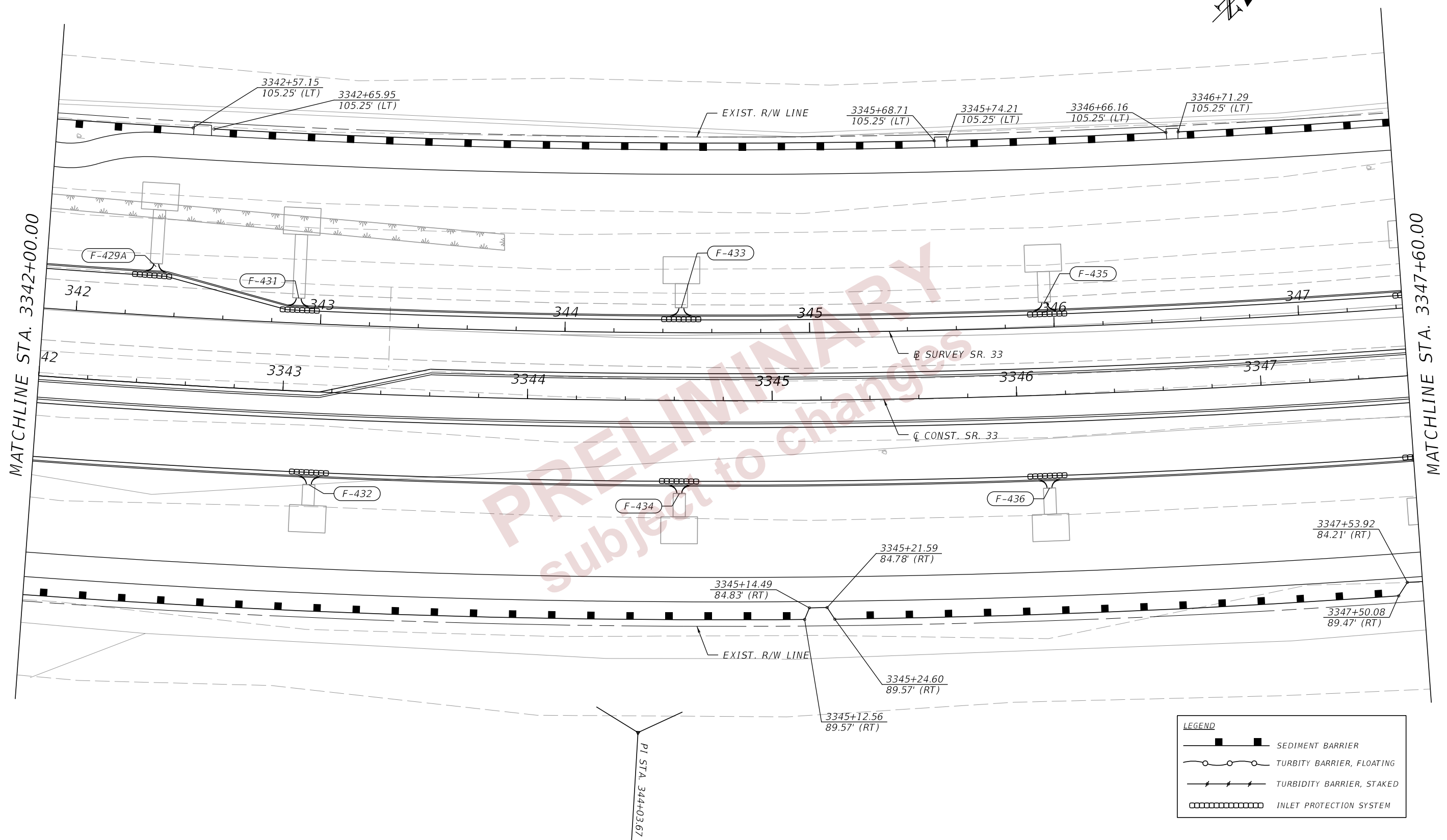
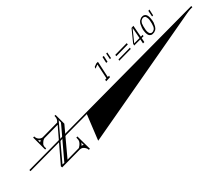


LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (14)	SHEET NO. 266
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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

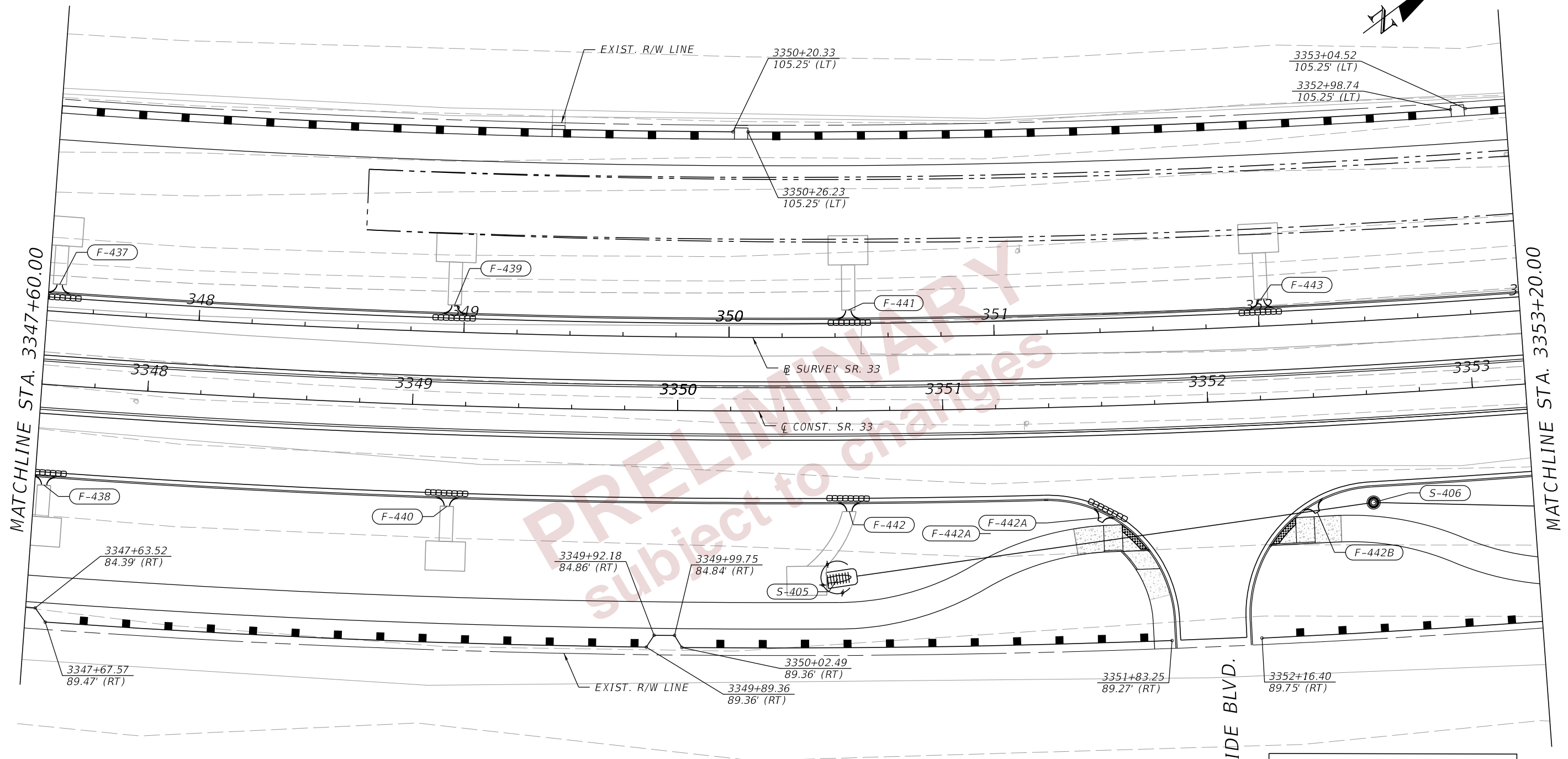
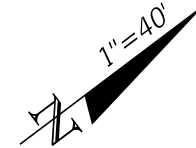


LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	EROSION CONTROL PLANS (15) 267

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



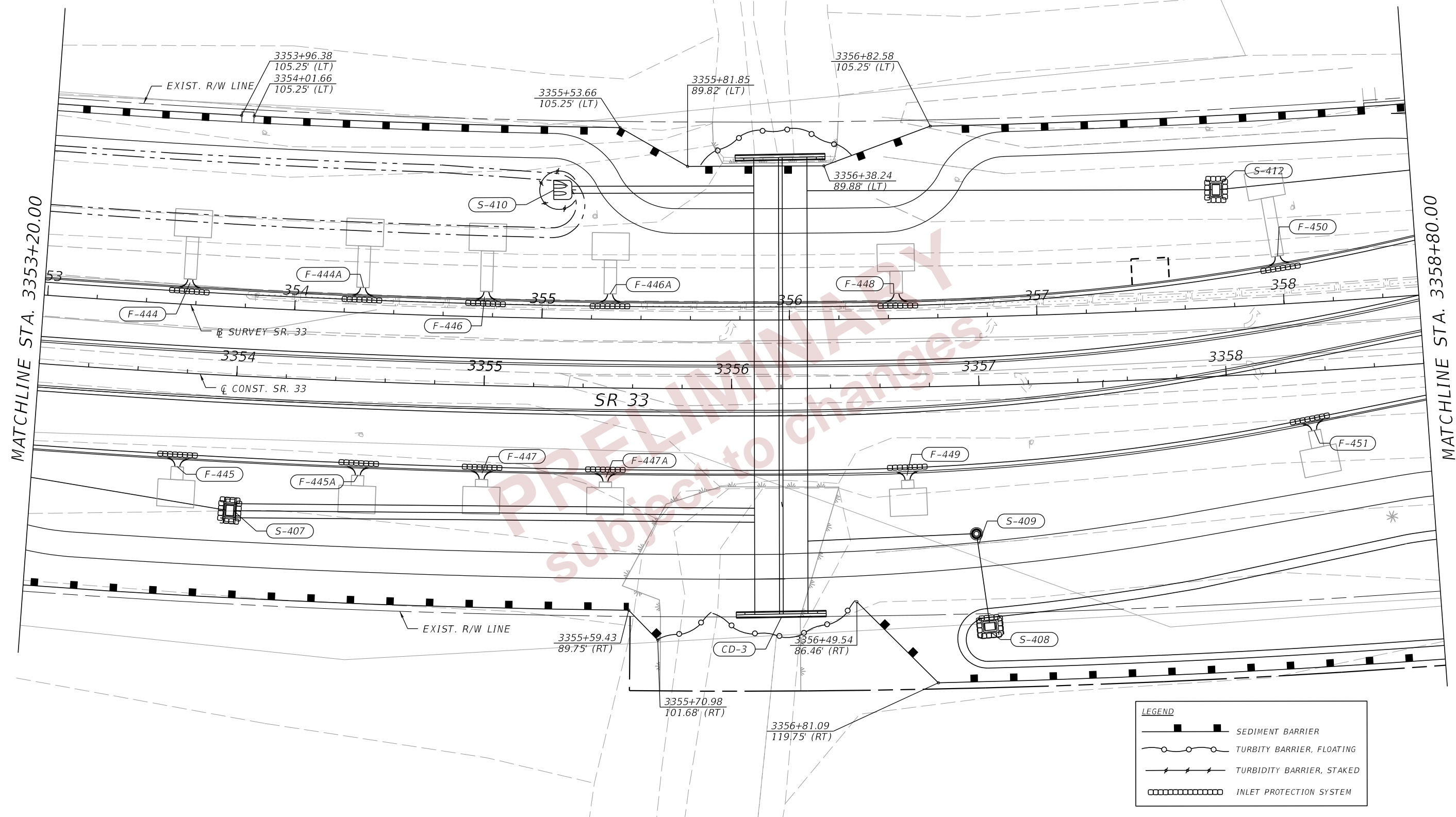
LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (16)	SHEET NO. 268
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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1"=40'



LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

MATCHLINE STA. 3353+20.00

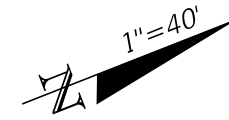
MATCHLINE STA. 3358+80.00

2/29/2024 7:35:41 PM CTOMPkins c:\pw_working\lochner-pw-01.dms\18867\PLAN\RD01.dgn

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

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	EROSION CONTROL PLANS (17) 269

MATCHLINE STA. 59+80.00 SEE EROSION CONTROL PLANS (28)

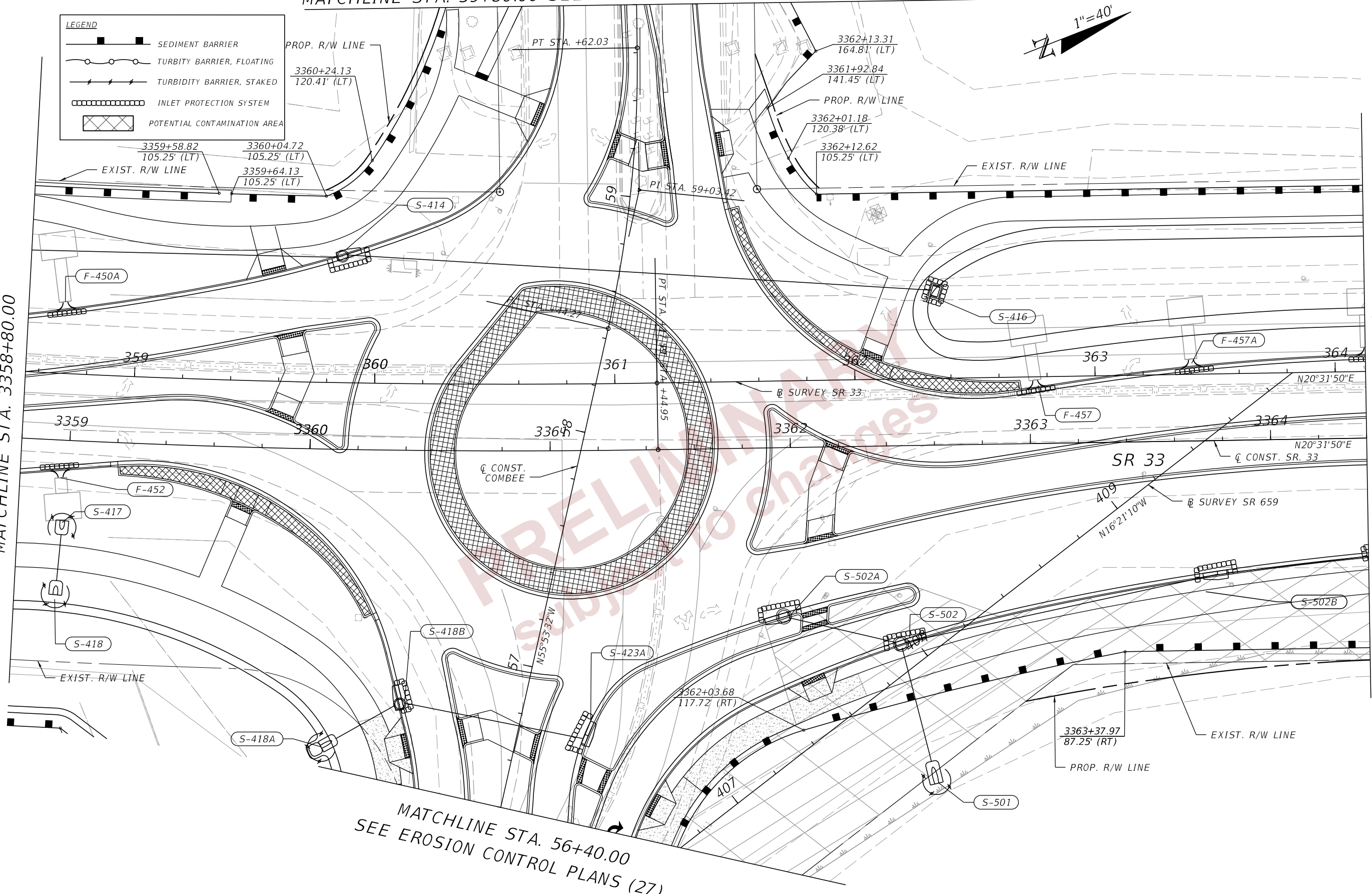


LEGEND

- SEDIMENT BARRIER
- TURBIDITY BARRIER, FLOATING
- TURBIDITY BARRIER, STAKED
- INLET PROTECTION SYSTEM
- POTENTIAL CONTAMINATION AREA

MATCHLINE STA. 3358+80.00

MATCHLINE STA. 3364+40.00



MATCHLINE STA. 56+40.00
SEE EROSION CONTROL PLANS (27)

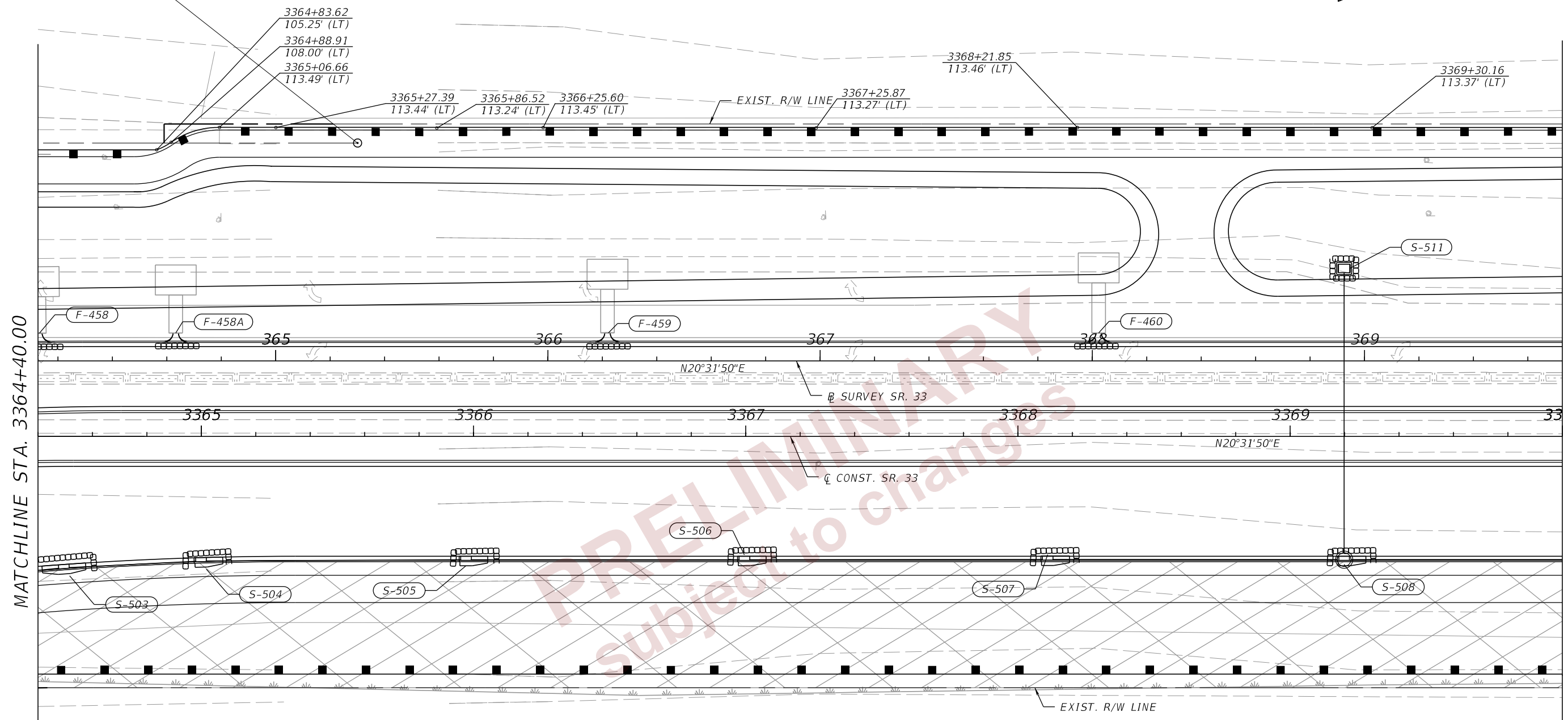
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 270
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

EROSION CONTROL PLANS (18)

1"=40'



MATCHLINE STA. 3364+40.00

MATCHLINE STA. 3370+00.00

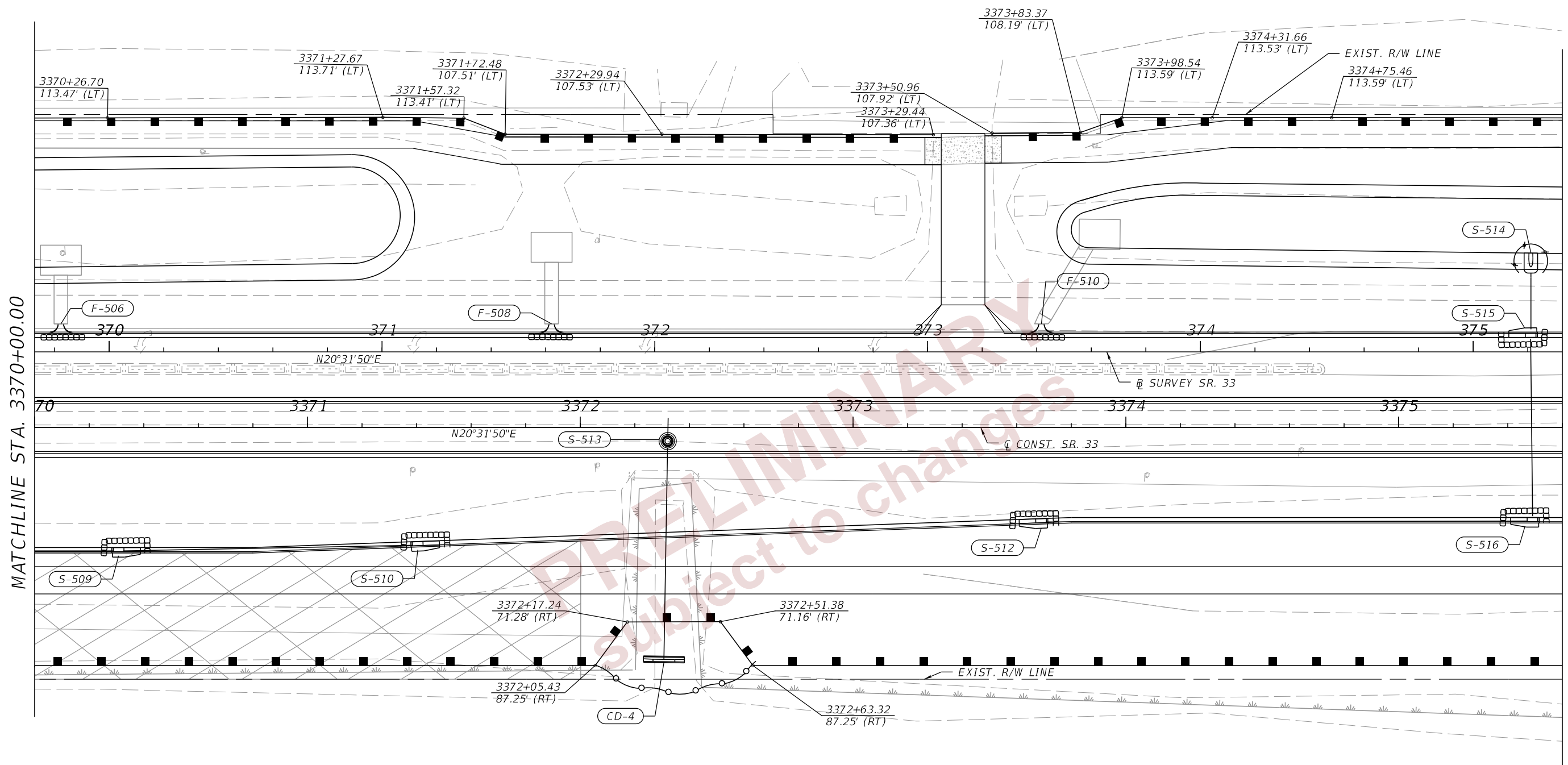
LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM
	POTENTIAL CONTAMINATION AREA

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (19)	SHEET NO. 271
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

1"=40'



MATCHLINE STA. 3370+00.00

MATCHLINE STA. 3375+60.00

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM
	POTENTIAL CONTAMINATION AREA

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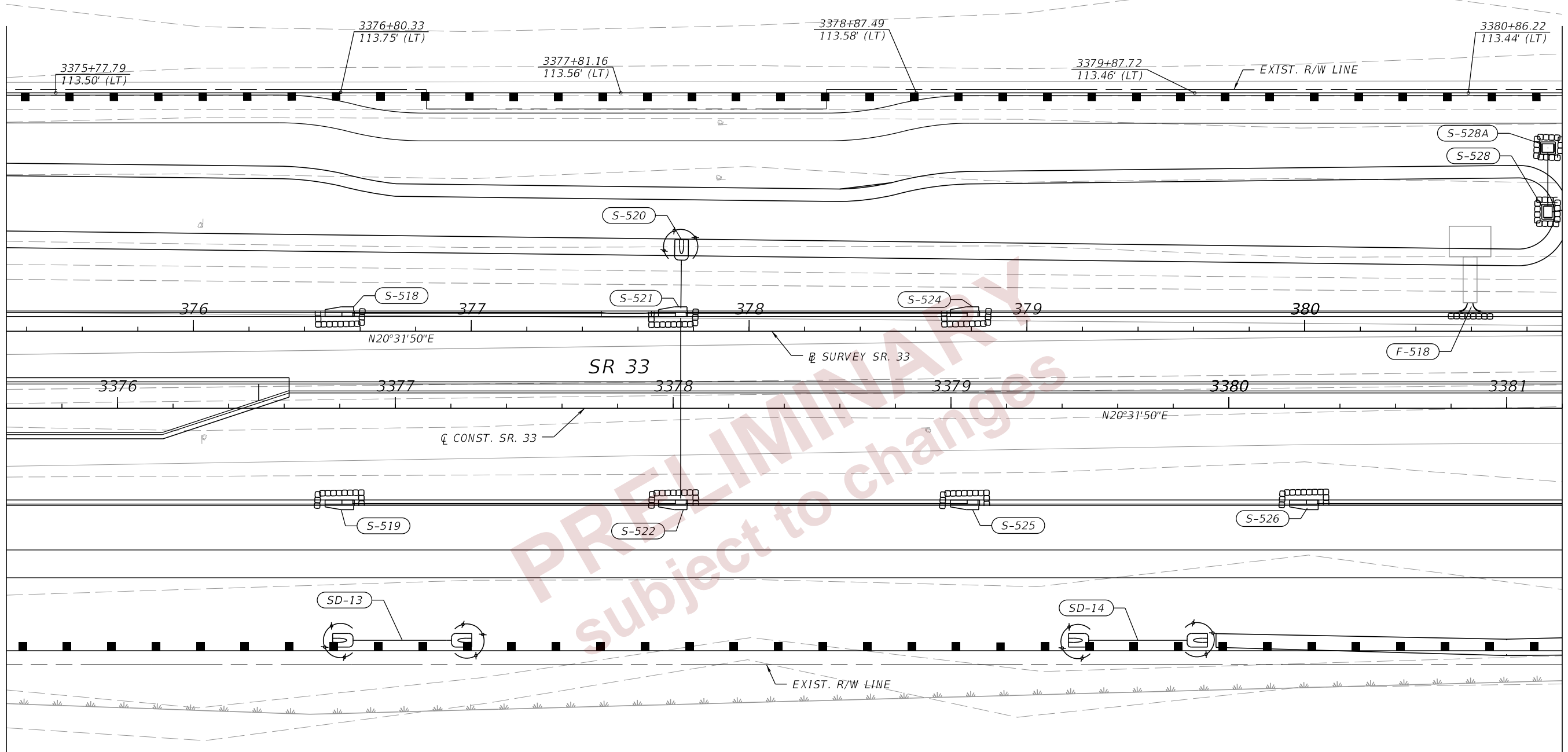
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (20)	SHEET NO. 272
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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1"=40'

MATCHLINE STA. 3375+60.00

MATCHLINE STA. 3381+20.00



PRELIMINARY
 Subject to changes

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (21)	SHEET NO. 273
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

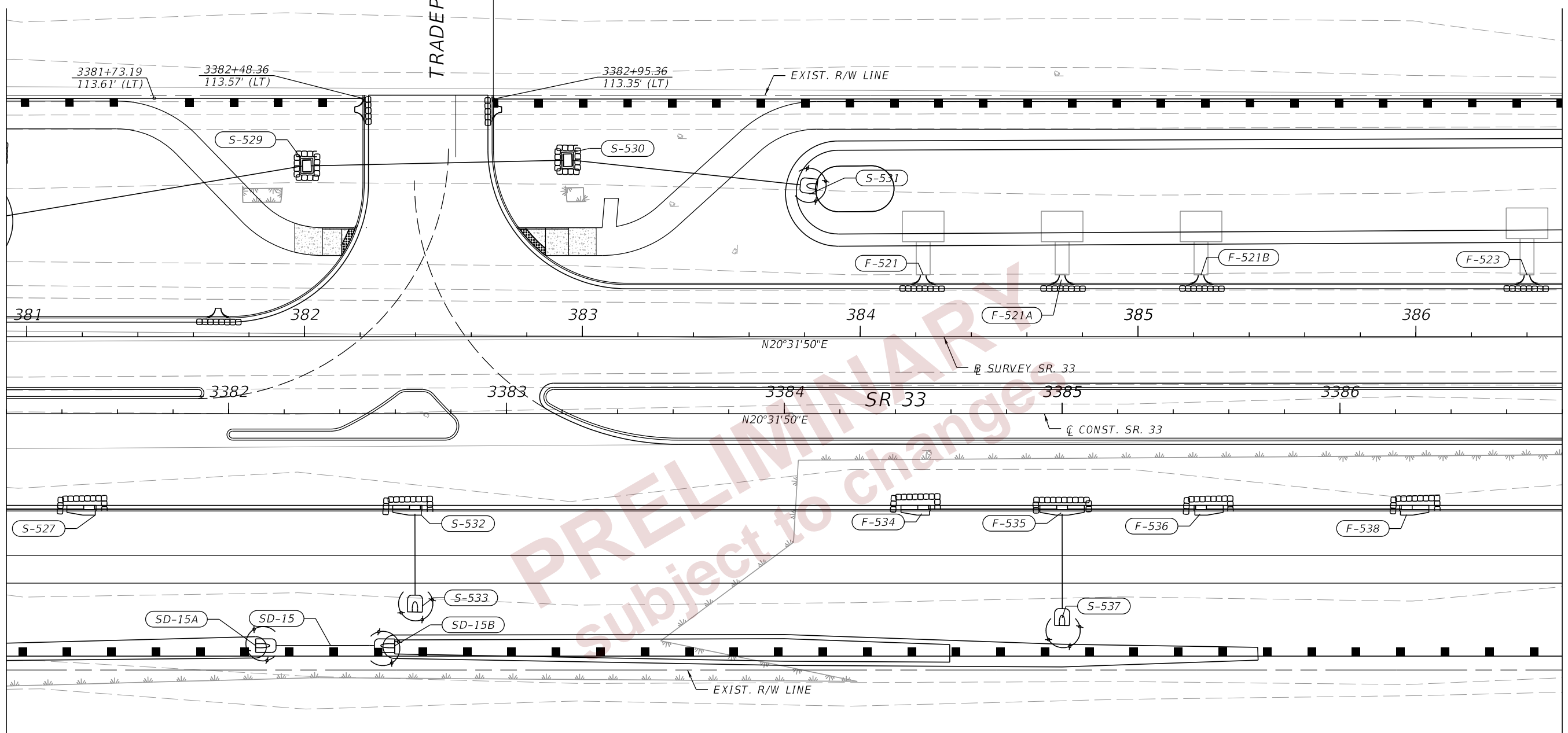
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

1"=40'

TRADEPORT BLVD.

MATCHLINE STA. 3381+20.00

MATCHLINE STA. 3386+80.00



LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

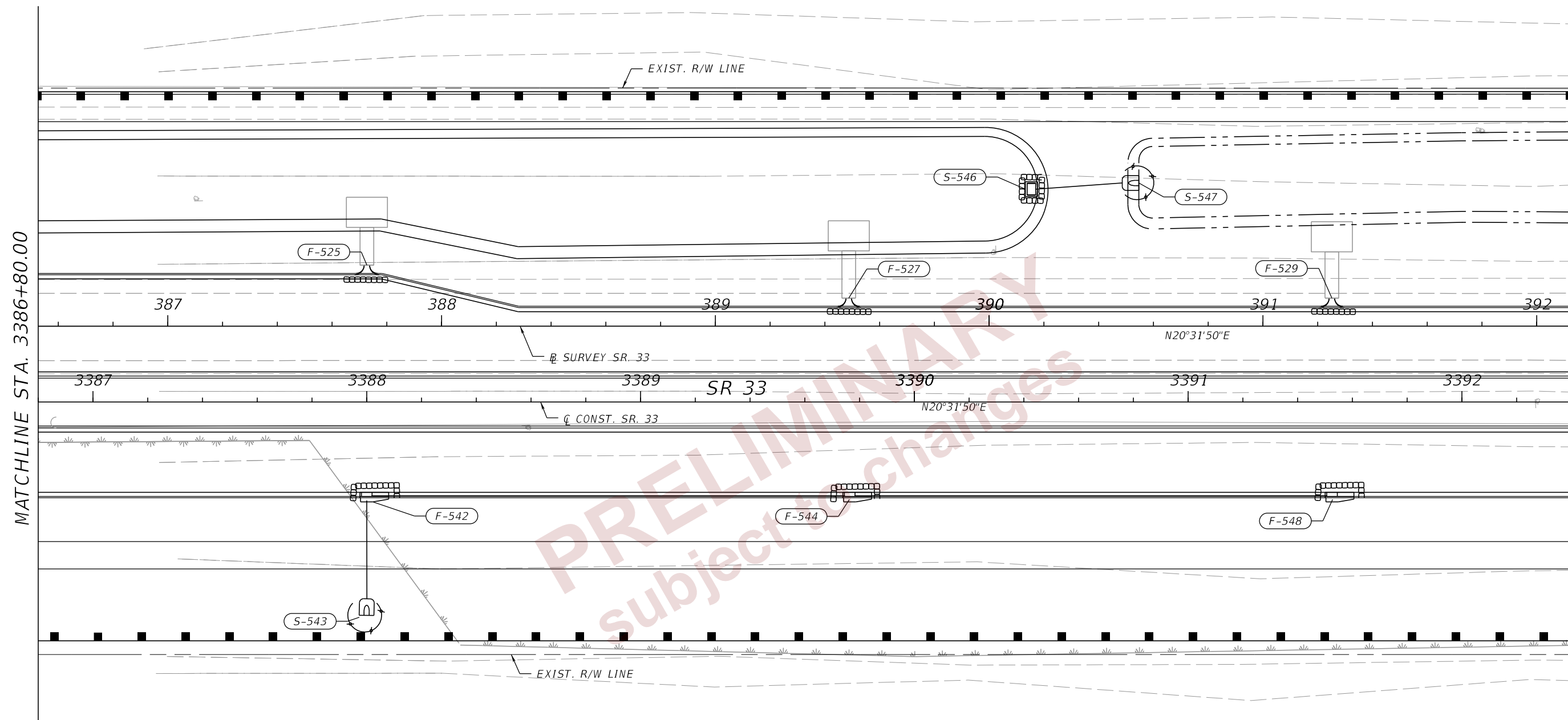
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01	274

EROSION CONTROL PLANS (22)

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

1"=40'



MATCHLINE STA. 3386+80.00

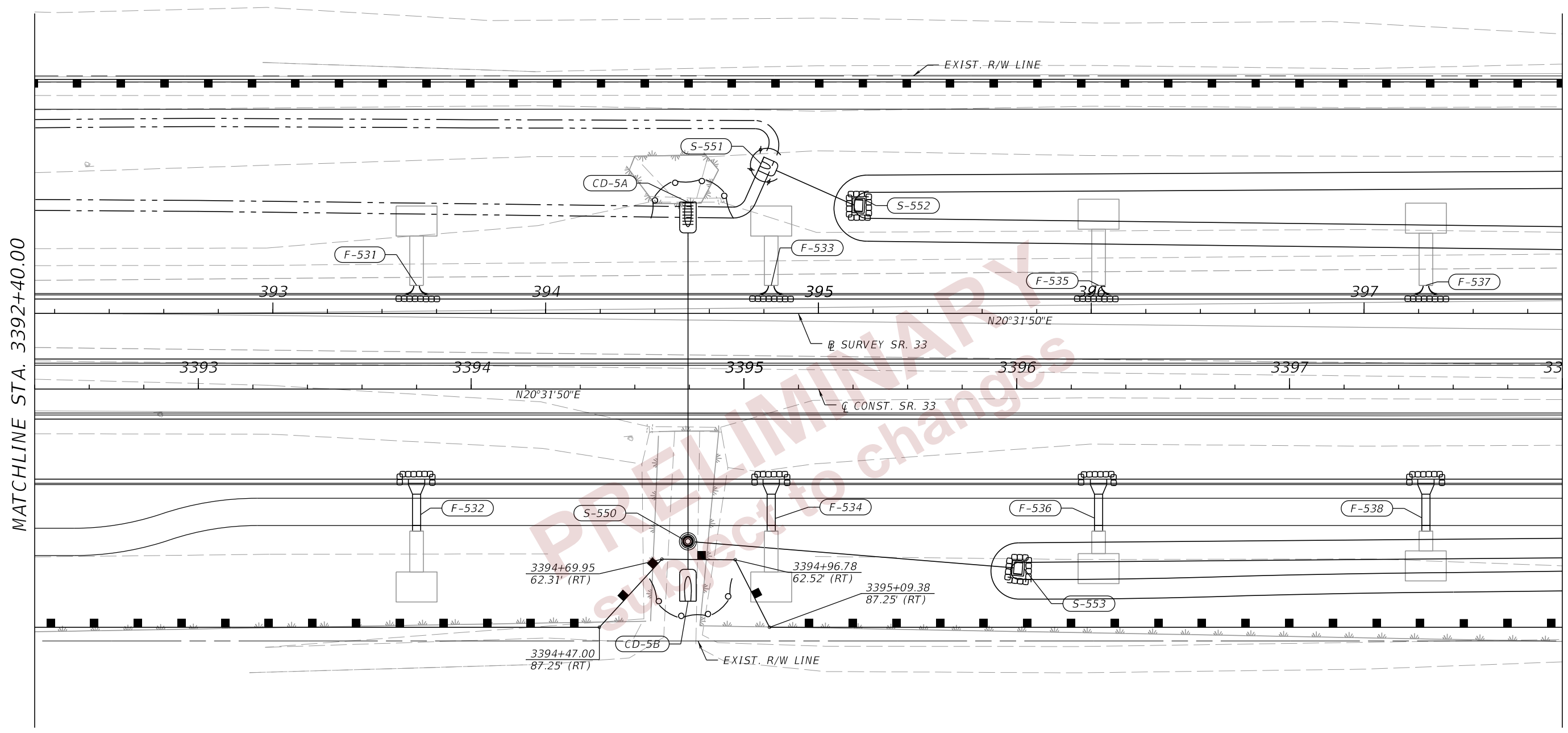
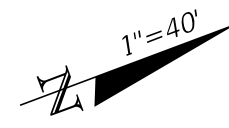
MATCHLINE STA. 3392+40.00

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (23)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		275

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MATCHLINE STA. 3392+40.00

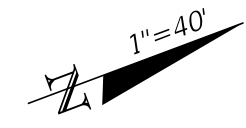
MATCHLINE STA. 3398+00.00

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

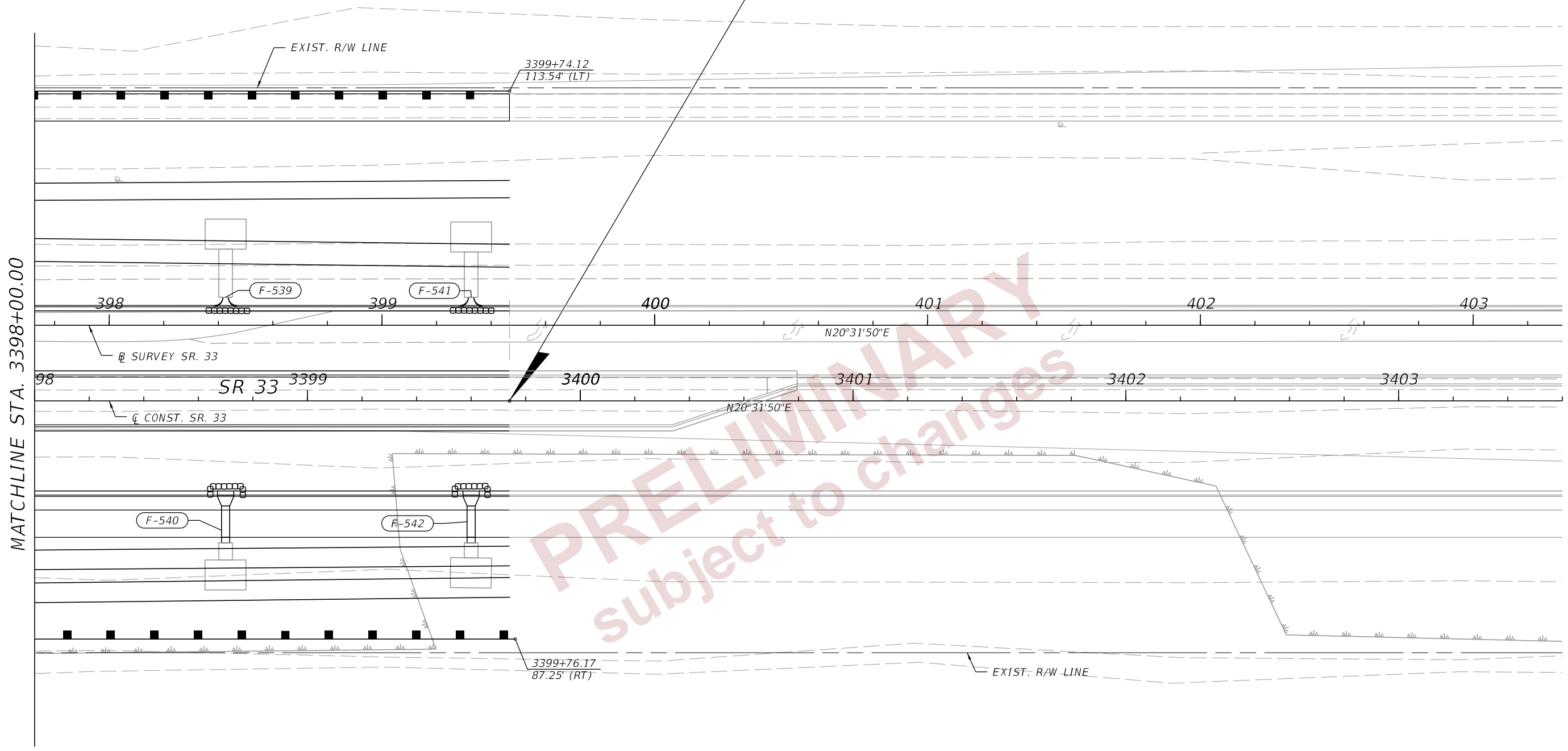
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (24)	SHEET NO. 276
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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END PROJECT
 STA. 3399+74.08 \bar{C} CONST. SR. 33=
 STA. 399+46.72 27.75' (RT) \bar{C} SURVEY SR. 33



PRELIMINARY
 subject to changes

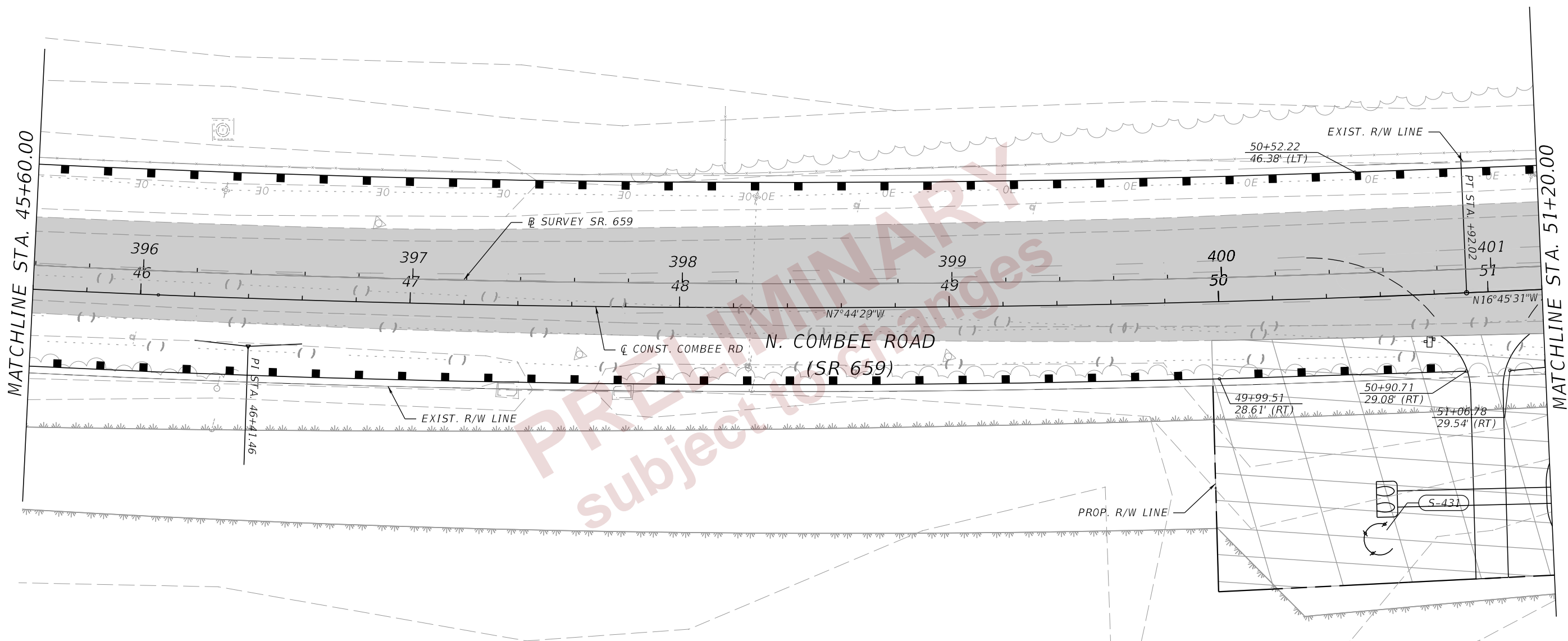
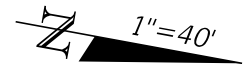
MATCHLINE STA. 3398+00.00

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (25)	SHEET NO. 277
DATE	DESCRIPTION	DATE	DESCRIPTION	LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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



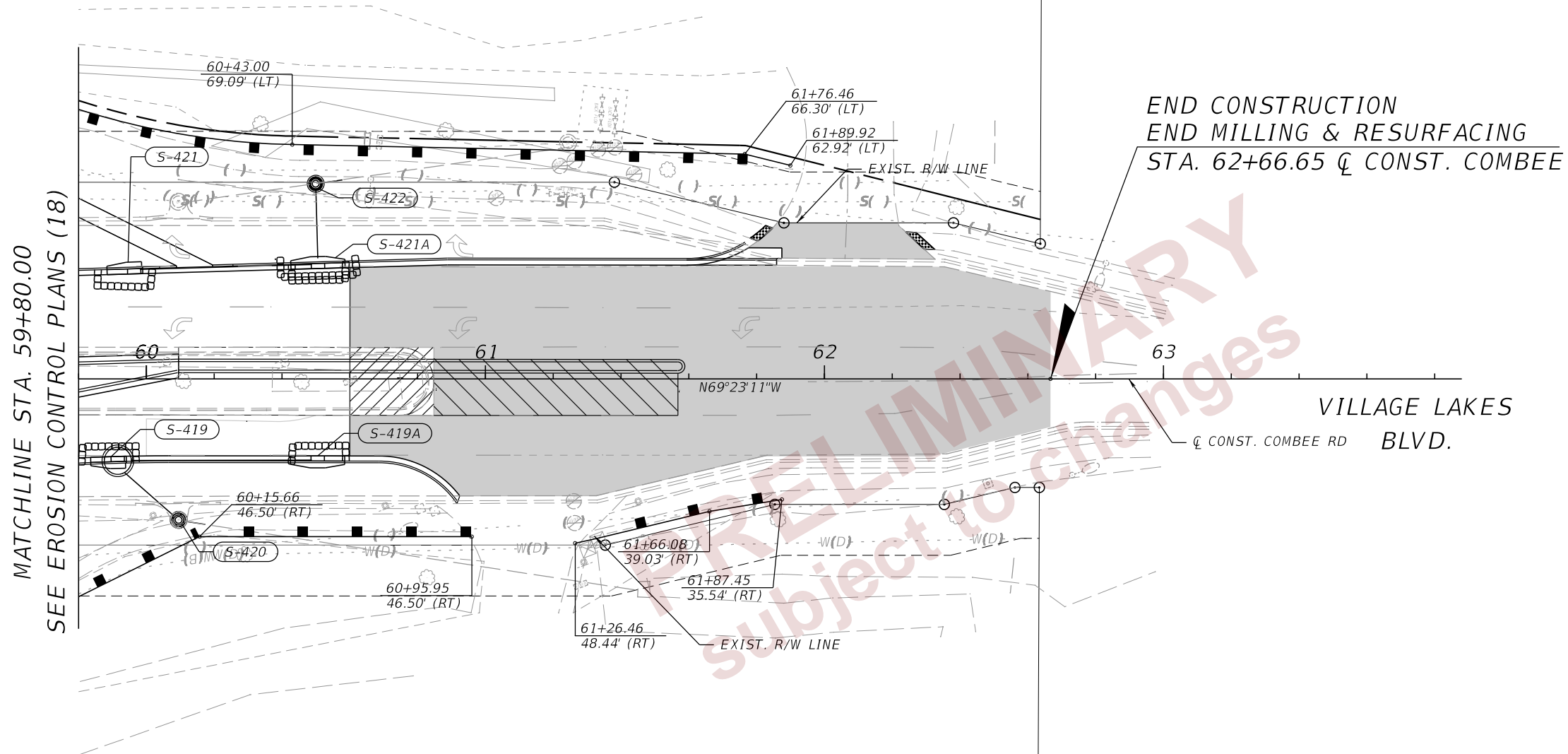
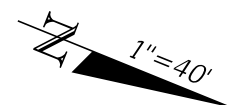
PRELIMINARY
 subject to changes

LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM
	POTENTIAL CONTAMINATION AREA

2/29/2024 7:36:02 PM CTOMPKINS
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01	EROSION CONTROL PLANS (26) 278

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LEGEND	
	SEDIMENT BARRIER
	TURBIDITY BARRIER, FLOATING
	TURBIDITY BARRIER, STAKED
	INLET PROTECTION SYSTEM

2/29/2024 7:36:03 PM CTOMPKINS c:\pw_working\lochner-pw-01.dms\18867\PLANRD02.dgn

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (28)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LISANDRO ZAPATA, P.E. LICENSE NUMBER 58822 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		280

GENERAL NOTES:

- THE THE CURRENTLY POSTED REGULATORY SPEED LIMIT OF 45 MPH ALONG SR 33 (LAKELAND HILLS BLVD.) SHALL REMAIN IN EFFECT THROUGHOUT THE PROJECT WORK ZONE.
THE REGULATORY SPEED LIMITS FOR THE PROJECT WORK ZONE ARE AS FOLLOWS:

ROADWAY	REGULATORY SPEED LIMIT
SR 33 (LAKELAND HILLS BLVD.)	45 MPH
COMBEE RD	25 MPH (APPROACHING THE ROUNDABOUT)
	55 MPH (LEAVING THE ROUNDABOUT)
- LANE CLOSURES MUST BE COORDINATED WITH EMERGENCY SERVICES AND THE FDOT TRAFFIC OPERATIONS DIVISION, AND THE FDOT PUBLIC INFORMATION OFFICER MUST BE INFORMED 14 DAYS IN ADVANCE. ANY LANE CLOSURES LASTING MORE THAN TWO (2) HOURS SHALL BE NOTIFIED TO LOCAL LAW ENFORCEMENT, FIRE STATIONS, AND EMERGENCY MEDICAL SERVICES.
- LANE CLOSURE RESTRICTIONS: SR 33

OPEN ROAD LANE CLOSURE (SINGLE LANE):

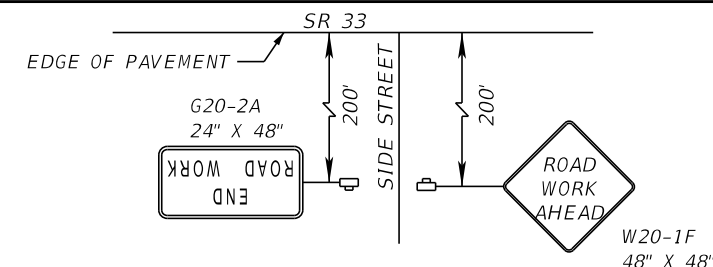
NO RESTRICTION

WITHIN 600 FT OF A SIGNALIZED INTERSECTION (SINGLE LANE):

NOT ALLOWED BETWEEN 7:00 AM TO 7:30 PM

LANE CLOSURES MAY ONLY BE UTILIZED DURING ACTIVE WORK PERIODS. THE WORK ZONE LENGTH FOR CONSTRUCTION ACTIVITIES REQUIRING LANE CLOSURE SHALL BE LIMITED TO THAT WHICH CAN BE CONSTRUCTED AND OPENED TO TRAFFIC IN A SINGLE WORK PERIOD. EXISTING LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL OTHER TIMES.

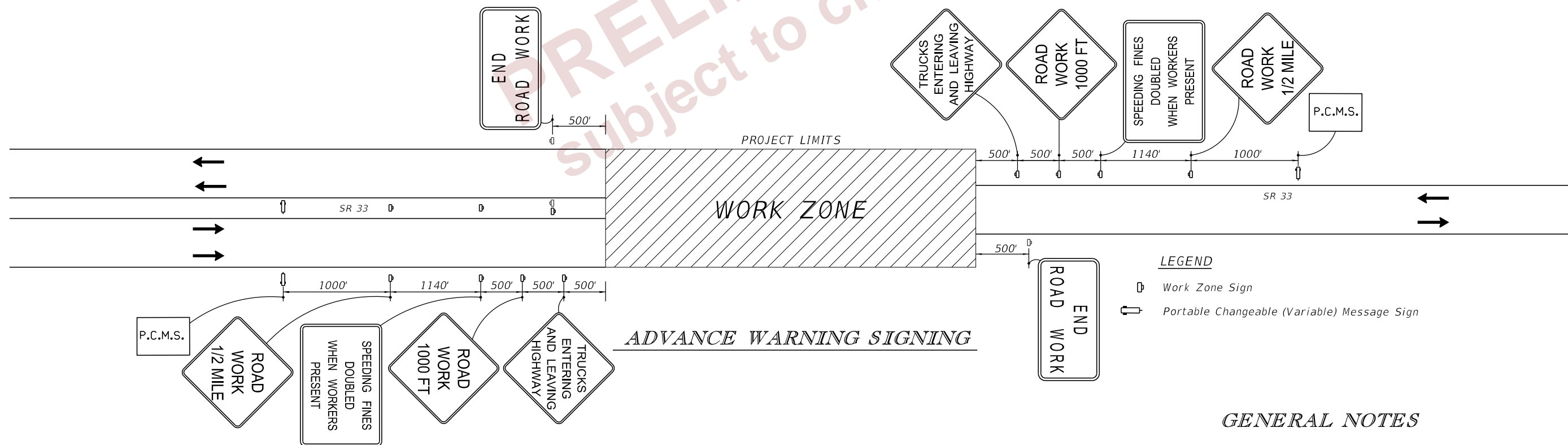
- THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR, MATERIALS, AND EQUIPMENT ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
- PORTABLE CHANGEABLE MESSAGES SIGNS SHALL BE USED TO PROVIDE INFORMATION TO THE MOTORIST DURING THE TRAFFIC CONTROL PHASES AND SHALL RELATE INFORMATION CONCERNING CONSTRUCTION SCHEDULES, LENGTH OF DELAY, ETC.; CONTENT AND LENGTH OF MESSAGE SHALL BE APPROVED BY THE ENGINEER. INFORMATIONAL MESSAGE SHALL BE PLACED TWO WEEKS PRIOR TO MAJOR WORK ACTIVITIES, WHICH WILL BE DEFINED BY THE ENGINEER.
- NOTIFY ADJACENT PROPERTY OWNERS 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES WHICH SHALL RESTRICT ACCESS, DELIVERY, ETC., TO PRIVATE OR COMMERCIAL PROPERTIES.



- SIDE STREET SIGNING DETAIL**
- | | |
|-----------------|--------------------|
| WOOD CIR | VILLAGE LAKES BLVD |
| SUNSET WAYS | N. COMBEE RD |
| SPANISH OAKS DR | FIRST PARK BLVD |
| HURON WAY | UNIVERSITY BLVD |
| LONG LAKES CIR | |

TYPICAL PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN (P.C.M.S.)

14 DAYS PRIOR TO WORK	ROAD WORK BEGINS	-DATE-	
DURING WORK	TEMP TRAFFIC SHIFT	•	* DATE OR AHEAD
DURING WORK	USE CAUTION	NEW TRAFFIC PATTERN	



LEGEND

- Work Zone Sign
- Portable Changeable (Variable) Message Sign

GENERAL NOTES

PRELIMINARY
 Subject to changes

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 281
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

TEMPORARY TRAFFIC CONTROL PLANS (1)

TEMPORARY TRAFFIC CONTROL PHASING NOTES

STA. 3262+40 TO STA. 3400+00

PHASE I, STAGE 1

1. INSTALL ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. INSTALL EROSION CONTROL DEVICES AT THE R/W LINE ALONG THE LENGTH OF THE PROJECT.
3. UTILIZING STANDARD PLANS 102-SERIES MAINTAIN TRAFFIC IN BOTH EXISTING TRAVEL LANES ALONG SR 33.
4. CONSTRUCT PROPOSED TEMPORARY PAVEMENT ALONG THE OUTSIDE TRAVEL LANES AS IDENTIFIED IN THE PLANS.
5. INSTALL TEMPORARY PAVEMENT MARKINGS.
6. CONSTRUCT PROPOSED SIGNALIZATION ACCORDING TO THE SIGNALIZATION PLAN.
7. CONSTRUCT PROPOSED TEMPORARY SIGNALIZATION AT COMBEE ROAD ACCORDING TO TEMPORARY SIGNALIZATION PLAN.

PHASE I, STAGE 2

1. ADJUST ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. UTILIZING STANDARD PLANS 102-SERIES MAINTAIN TRAFFIC IN BOTH DIRECTIONS ALONG SR 33.
3. REMOVE TRAFFIC SEPARATORS AND CONSTRUCT TEMPORARY PAVEMENT AS IDENTIFIED IN THE PLANS.
4. CONSTRUCT THE PROPOSED SIGNALIZATION AT THE INTERSECTIONS ALONG SR 33.
5. INSTALL TEMPORARY PAVEMENT MARKINGS.

PHASE II, STAGE 1

1. ADJUST ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. UTILIZING STANDARD PLANS 102-SERIES MAINTAIN TRAFFIC IN BOTH EXISTING TRAVEL LANES ALONG SR 33.
3. CONSTRUCT PROPOSED NORTHBOUND ROADWAY, TEMPORARY PAVEMENT, DRAINAGE FEATURES, AND CONCRETE FLAT WORK (SHARED USE PATH, GRAVITY WALL, CURB RAMPS, ETC.) AS IDENTIFIED IN THE PLANS.
4. CONSTRUCT PROPOSED EASTSIDE ROADWAY SIDESTREET CONNECTIONS, AS IDENTIFIED IN THE PLANS.
5. CONSTRUCT EASTSIDE PAVEMENT STRIP WIDENING AND CURB FROM STA. 3265+73.68 TO 3271+35.00 UTILIZING STANDARD PLANS INDEX 102-613.
6. INSTALL TEMPORARY PAVEMENT MARKINGS.
7. CONSTRUCT PROPOSED LIGHTING FOR THE NORTHBOUND LANES ACCORDING TO THE PLANS.

PHASE II, STAGE 2 (WEEKEND DETOUR)

1. ADJUST ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. UTILIZING STANDARD PLANS 102-SERIES MAINTAIN TRAFFIC IN BOTH EXISTING TRAVEL LANES ALONG SR 33.
3. CONSTRUCT PROPOSED EASTSIDE ROADWAY SIDESTREET CONNECTIONS FOR HURON WAY AND VILLAGE LAKES BLVD., AS IDENTIFIED IN THE PLANS.
4. INSTALL TEMPORARY PAVEMENT MARKINGS.

PHASE III, STAGE 1

1. ADJUST ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. UTILIZING STANDARD PLANS 102-SERIES SHIFT/MAINTAIN TRAFFIC ONTO THE NEWLY CONSTRUCTED NORTHBOUND TRAVEL LANES.
3. CONSTRUCT PROPOSED SOUTHBOUND ROADWAY WIDENING & CURB, DRAINAGE FEATURES, AND CONCRETE FLAT WORK (SHARED USE PATH, CURB RAMPS, ETC.) AS IDENTIFIED IN THE PLANS. UTILIZING STANDARD PLANS INDEX 102-613 FOR STRIP WIDENING & CURB WORK FROM STA. 3265+83.20 TO STA. 3271+15.00.
4. CONSTRUCT PROPOSED WESTSIDE ROADWAY SIDESTREET CONNECTIONS, AS IDENTIFIED IN THE PLANS.
5. INSTALL TEMPORARY PAVEMENT MARKINGS.
6. CONSTRUCT PROPOSED LIGHTING FOR THE SOUTHBOUND LANES ACCORDING TO THE PLANS.
7. UTILIZING STANDARD PLANS INDEX 102-660 AND 102-601 WITH TRAFFIC CONTROL PLANS TO DIVERT PEDESTRIANS AND BICYCLES TO THE NEWLY CONSTRUCTED SHARED USE PATH.

PHASE III, STAGE 2 (WEEKEND DETOUR)

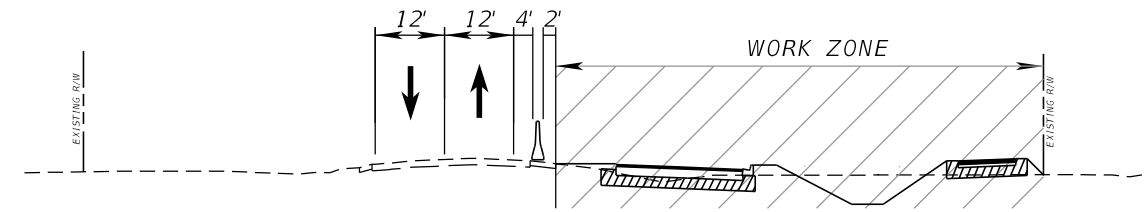
1. ADJUST ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. UTILIZING STANDARD PLANS 102-SERIES MAINTAIN TRAFFIC ON THE NEWLY CONSTRUCTED NORTHBOUND TRAVEL LANES.
3. CONSTRUCT PROPOSED WESTSIDE ROADWAY SIDESTREET CONNECTIONS FOR HURON WAY AND VILLAGE LAKES BLVD., AS IDENTIFIED IN THE PLANS.
4. INSTALL TEMPORARY PAVEMENT MARKINGS.

PHASE IV

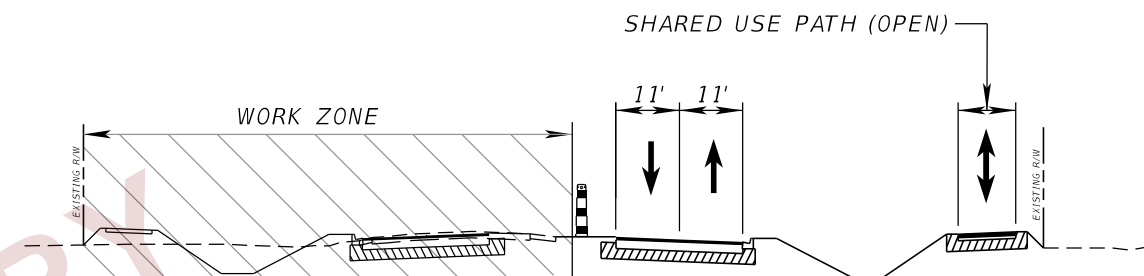
1. ADJUST ALL SIGNS, BARRICADES AND OTHER DEVICES.
2. UTILIZING STANDARD PLANS 102-SERIES SHIFT/MAINTAIN SOUTHBOUND TRAFFIC ONTO THE EXISTING SOUTHBOUND OUTSIDE TRAVEL LANES.
3. UTILIZING STANDARD PLANS 102-SERIES MAINTAIN NORTHBOUND TRAFFIC ON THE NEWLY CONSTRUCTED NORTHBOUND OUTSIDE TRAVEL LANES.
4. CONSTRUCT PROPOSED INSIDE ROADWAY WIDENING, RAISED MEDIAN, LEFT TURN LANES, DRAINAGE FEATURES AND MILLING & RESURFACING AT OLD COMBEE ROAD INTERSECTION.
5. INSTALL TEMPORARY PAVEMENT MARKINGS.

PHASE V (NO PLANS FOR THIS PHASE)

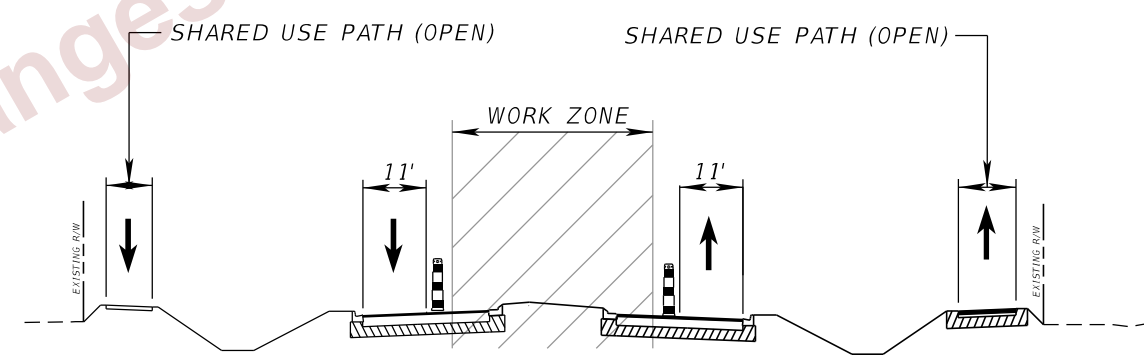
1. MAINTAIN TRAFFIC ON SR 33 UTILIZING STANDARD PLANS INDEX 102-SERIES.
2. INSTALL PROPOSED SIGNS AND FINAL SIGNAL/PEDESTRIAN FEATURE IMPROVEMENTS.
3. APPLY FRICTION COURSE.
4. APPLY FINAL PAVEMENT MARKINGS.



PHASE II



PHASE III



PHASE IV

LEGEND:

-  TEMPORARY CONCRETE BARRIER WALL (STAKED)
-  CHANNELIZING DEVICES (INDEX 102-600)

PHASING NOTES

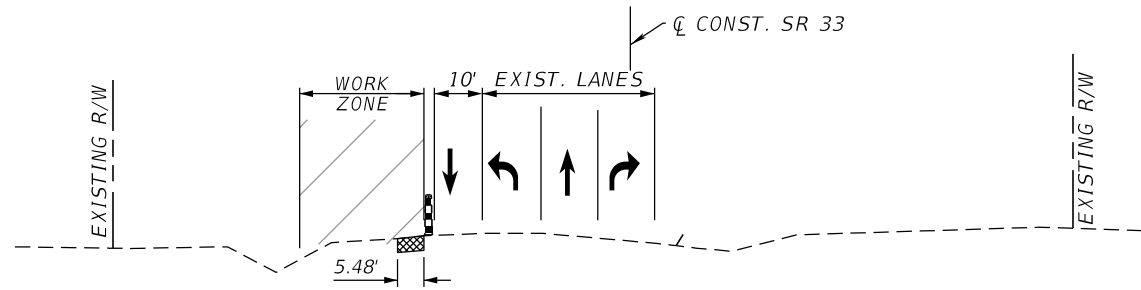
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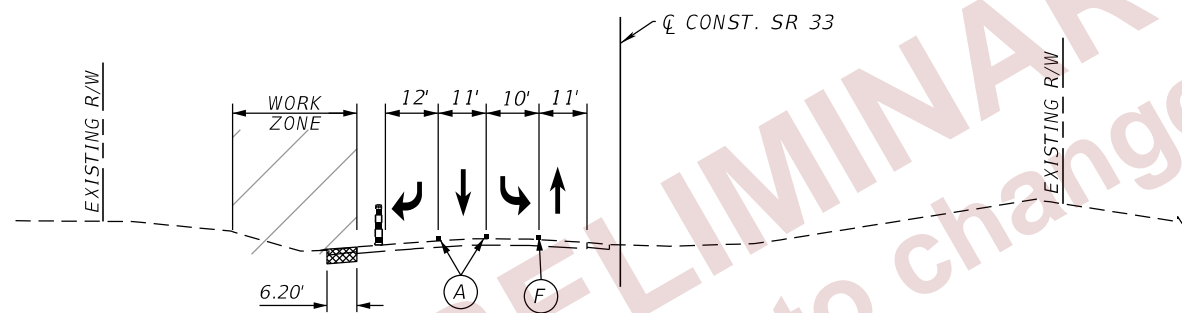
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	282

PRELIMINARY
Subject to changes

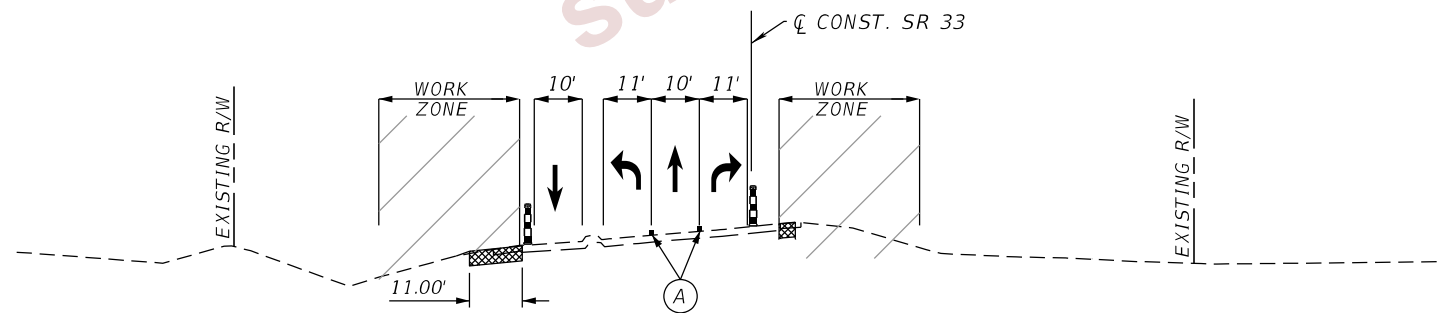
TEMPORARY TRAFFIC CONTROL PLANS (2)



CRITICAL SECTION - PHASE I - STAGE 1
 Q CONST. SR 33
 STA. 3313+00



CRITICAL SECTION - PHASE I - STAGE 1
 Q CONST. SR 33
 STA. 3317+00



CRITICAL SECTION - PHASE I - STAGE 1
 Q CONST. SR 33
 STA. 3359+00

- PAVEMENT MARKING LEGEND**
- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
 - (F) 6" SOLID DOUBLE YELLOW
 - [Hatched Box] TEMPORARY PAVEMENT CURRENT PHASE
 - [Dashed Line] CHANNELIZING DEVICES (INDEX 102-600)

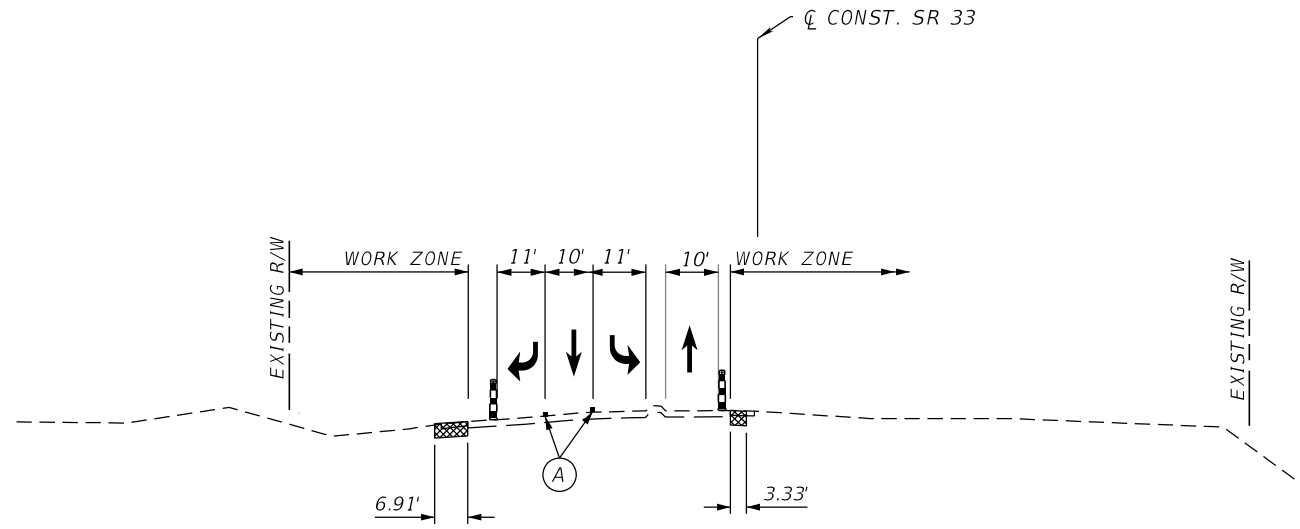
**CRITICAL SECTIONS
 PHASE I - STAGE 1**

**TEMPORARY TRAFFIC
 CONTROL PLANS (3)**

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBR00K DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	283



CRITICAL SECTION - PHASE I, STAGE 1
 CL CONST. SR 33
 STA. 3363+00

PRELIMINARY
 subject to changes

PAVEMENT MARKING LEGEND

- A 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- TEMPORARY PAVEMENT CURRENT PHASE
- CHANNELIZING DEVICES (INDEX 102-600)




**CRITICAL SECTIONS
 PHASE I - STAGE 1**

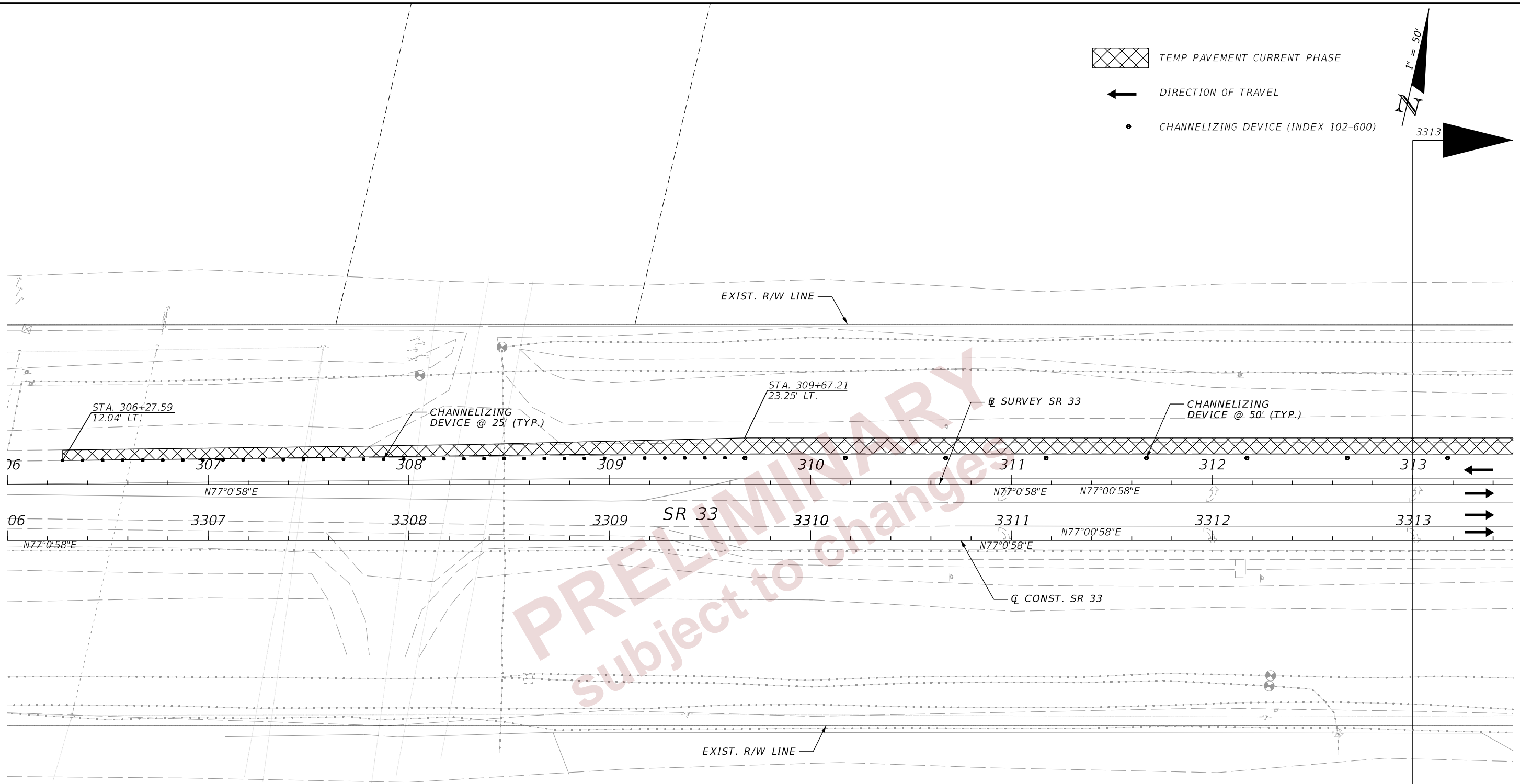
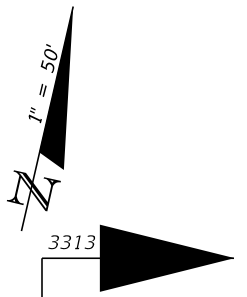
**TEMPORARY TRAFFIC
 CONTROL PLANS (4)**

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	284

-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICE (INDEX 102-600)






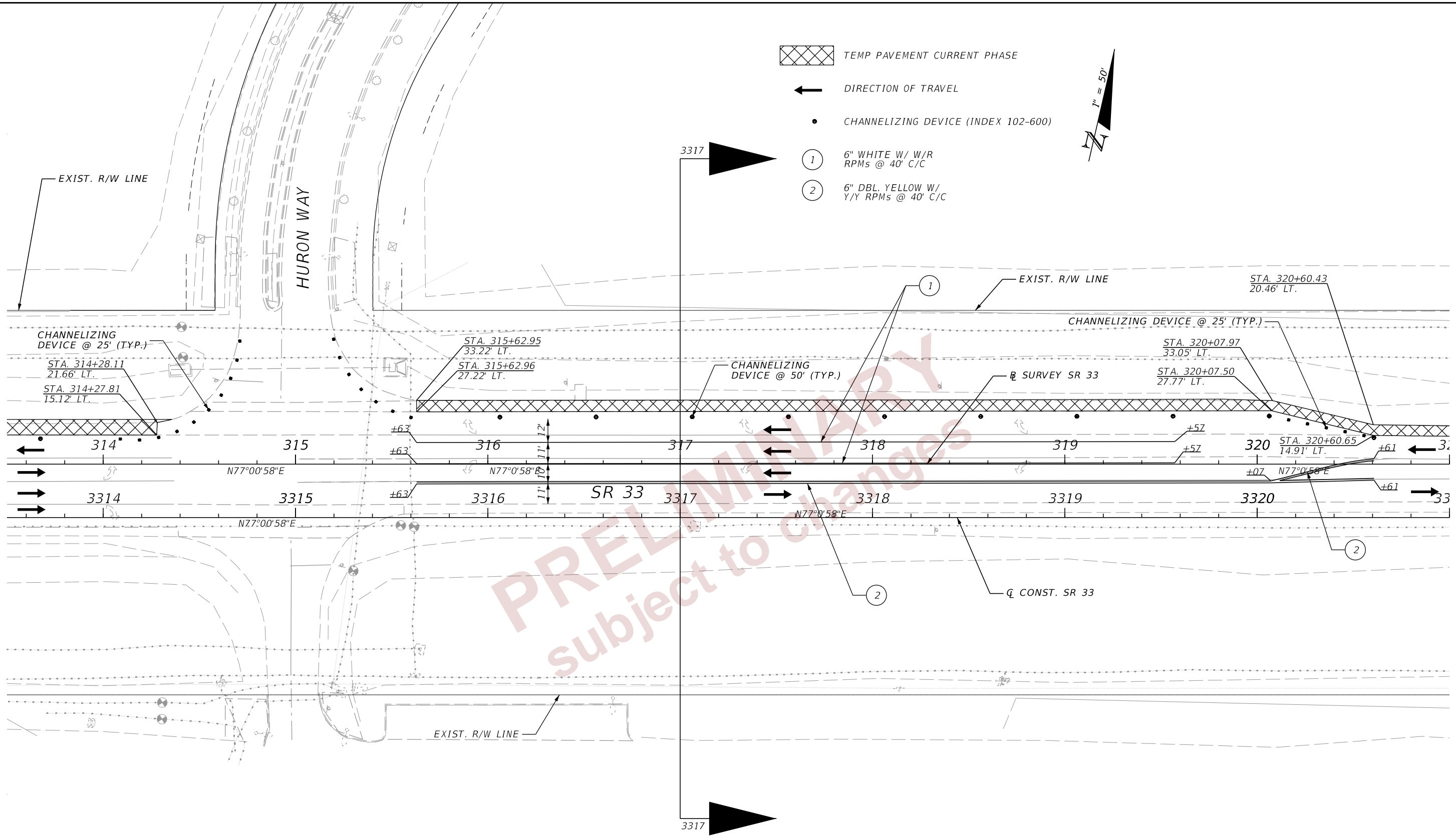
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PHASE I - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPL, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		285
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICE (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C

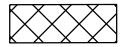




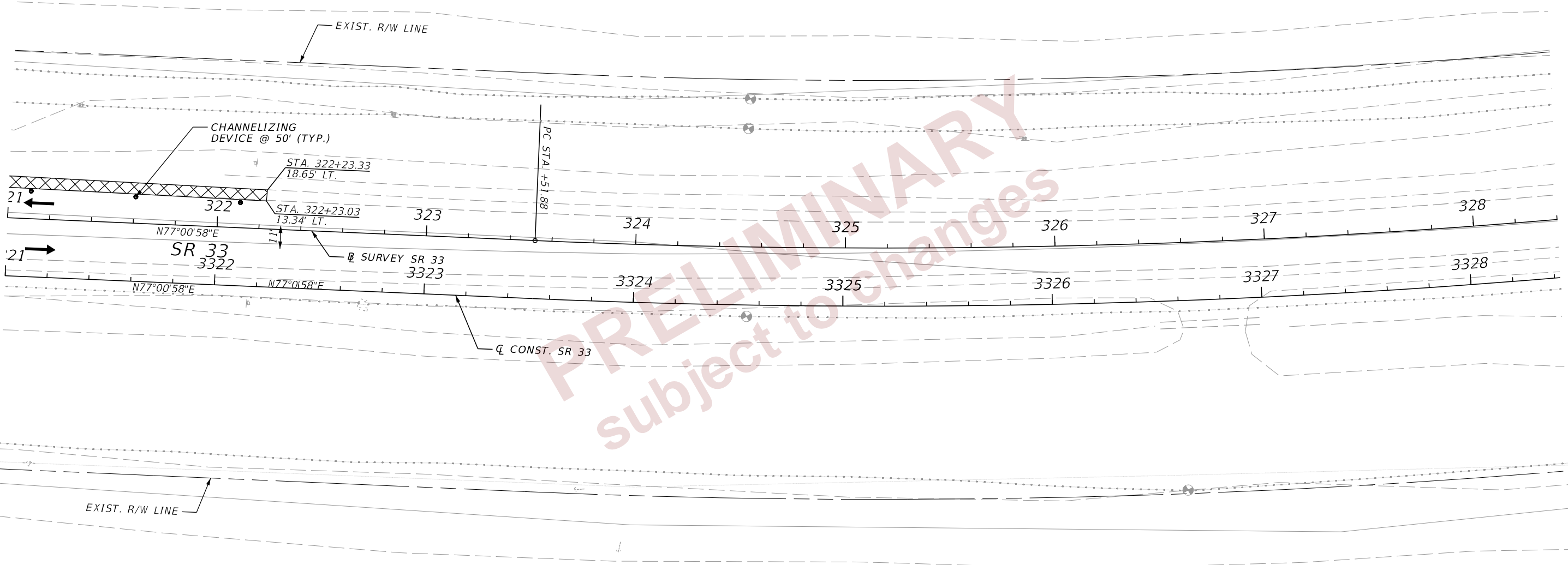
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PHASE I - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (6)	SHEET NO. 286
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICE (INDEX 102-600)






PRELIMINARY
 subject to changes

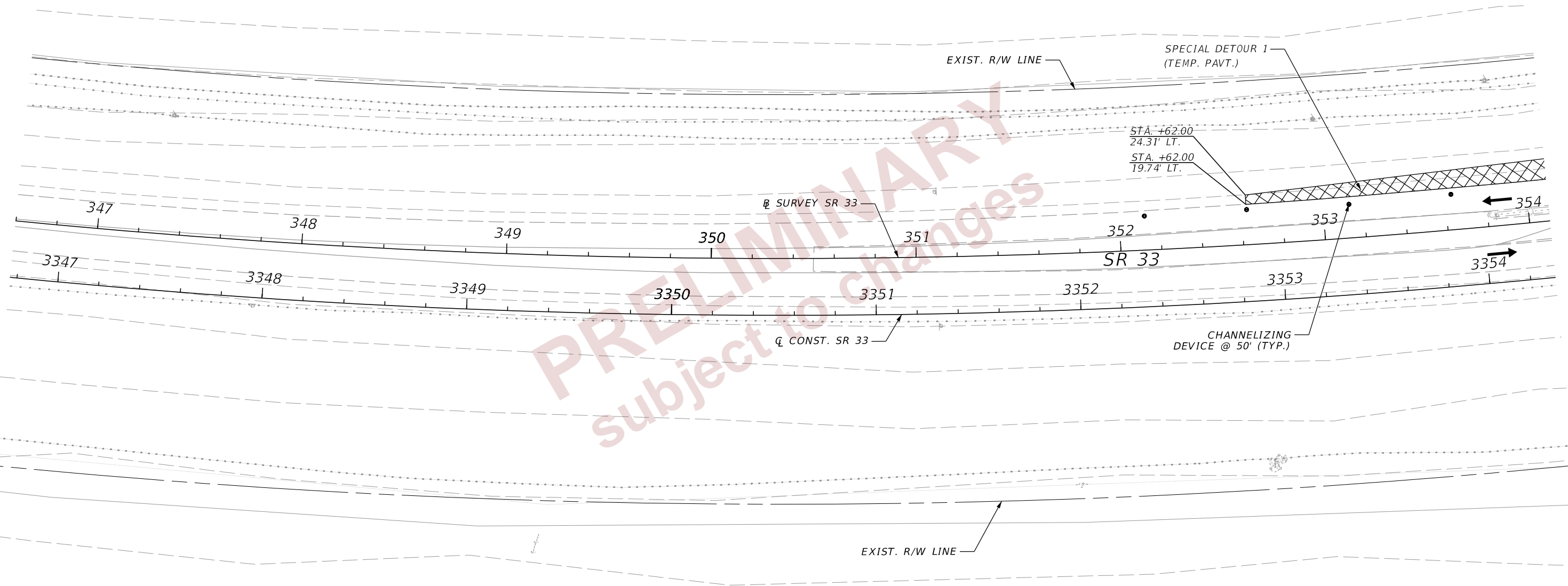
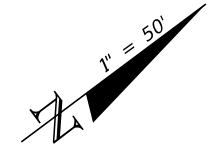
PHASE I - STAGE 1

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	287

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-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)







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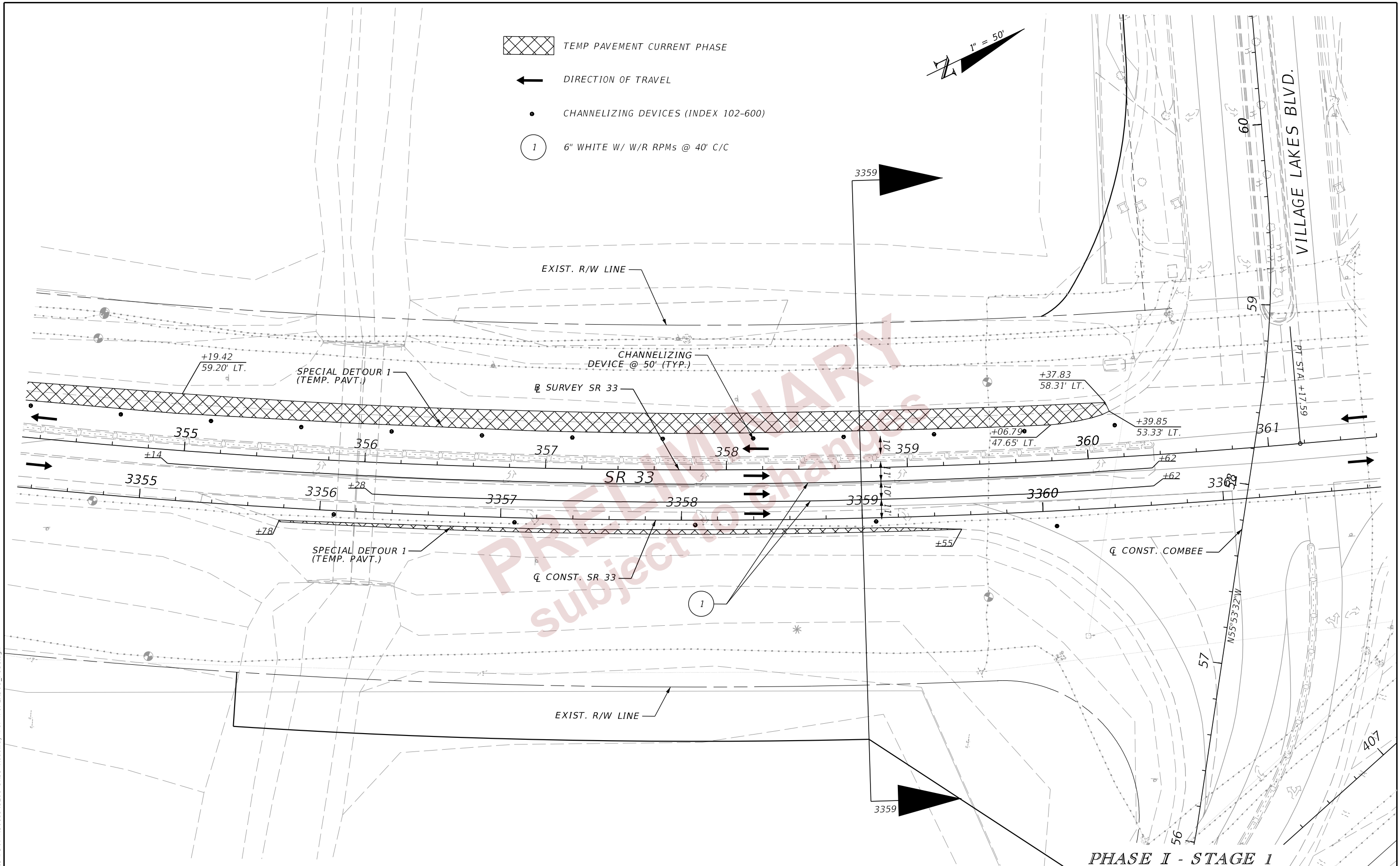
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PHASE I - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (8)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		288
								SR 33		POLK

-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  6" WHITE W/ W/R RPMs @ 40' C/C

1" = 50'

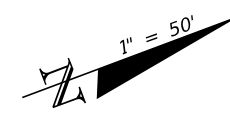






PHASE I - STAGE 1

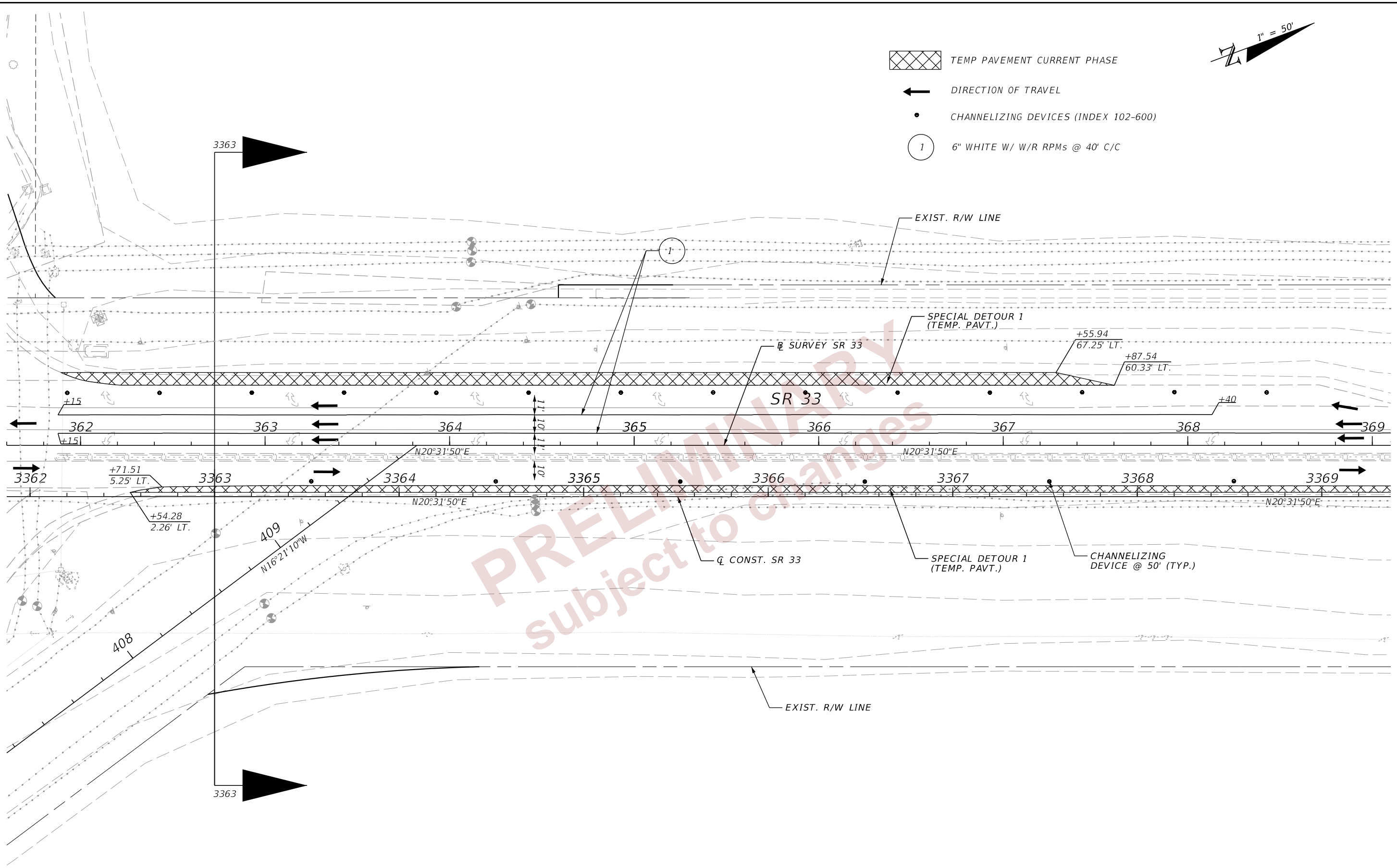
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 289
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	

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-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  6" WHITE W/ W/R RPMs @ 40' C/C







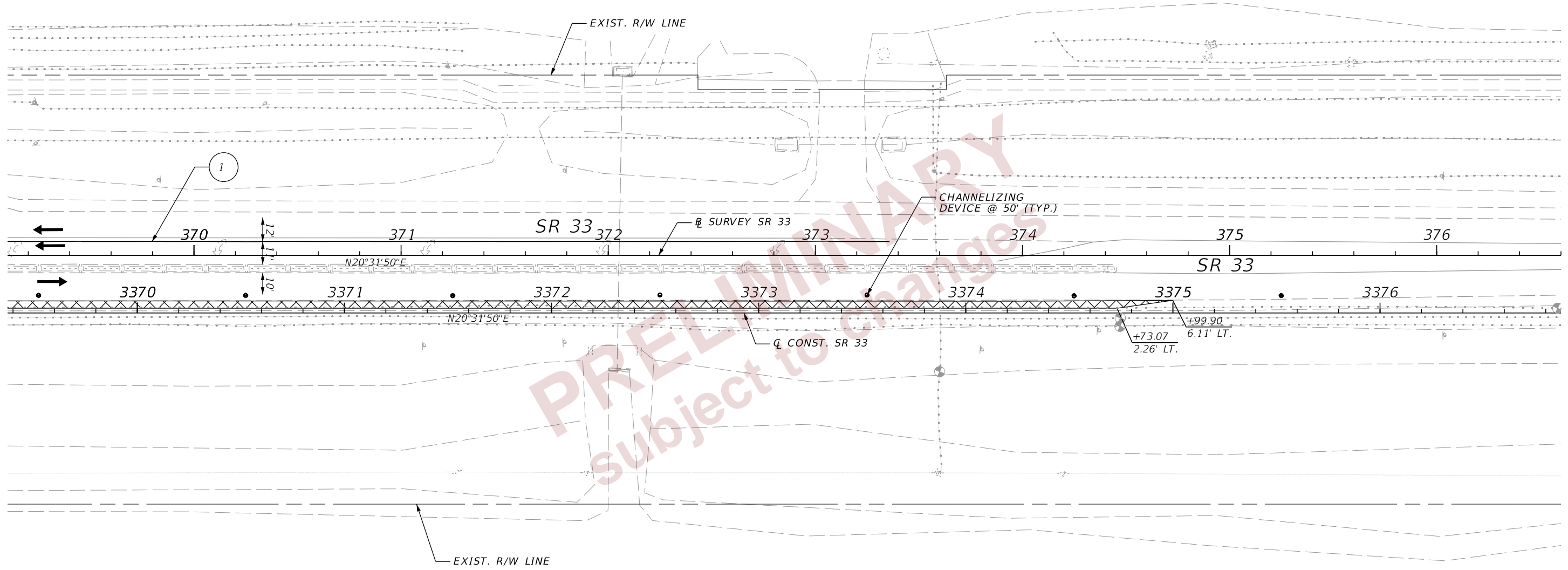
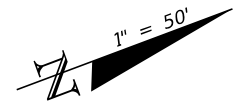
PHASE I - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (10)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		290
								SR 33		

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-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  6" WHITE W/ W/R RPMs @ 40' C/C

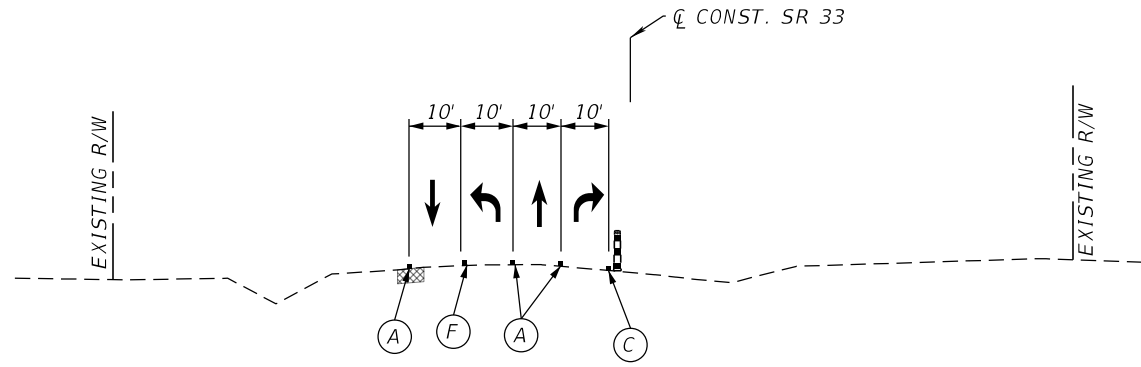


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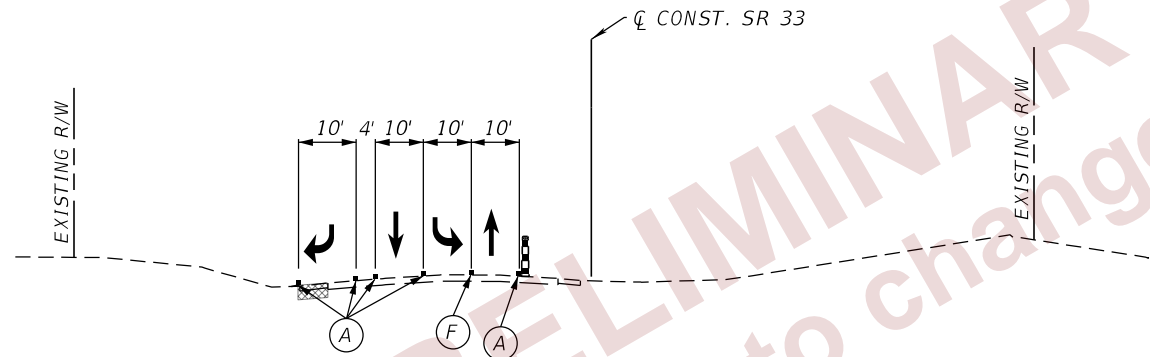
PHASE I - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		291
								SR 33		



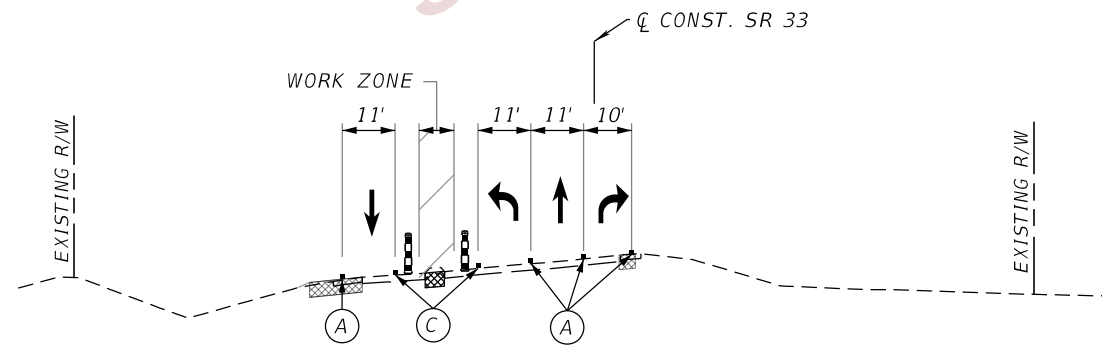
CRITICAL SECTION - PHASE I - STAGE 2

CL CONST. SR 33
STA. 3313+00



CRITICAL SECTION - PHASE I - STAGE 2

CL CONST. SR 33
STA. 3317+00



CRITICAL SECTION - PHASE I - STAGE 2

CL CONST. SR 33
STA. 3359+00

PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (C) 6" SOLID YELLOW TEMPORARY PAVEMENT MARKING
- (F) 6" SOLID DOUBLE YELLOW
- [Cross-hatched box] TEMPORARY PAVEMENT CURRENT PHASE
- [Diagonal-hatched box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- [Vertical line with dots] CHANNELIZING DEVICES (INDEX 102-600)

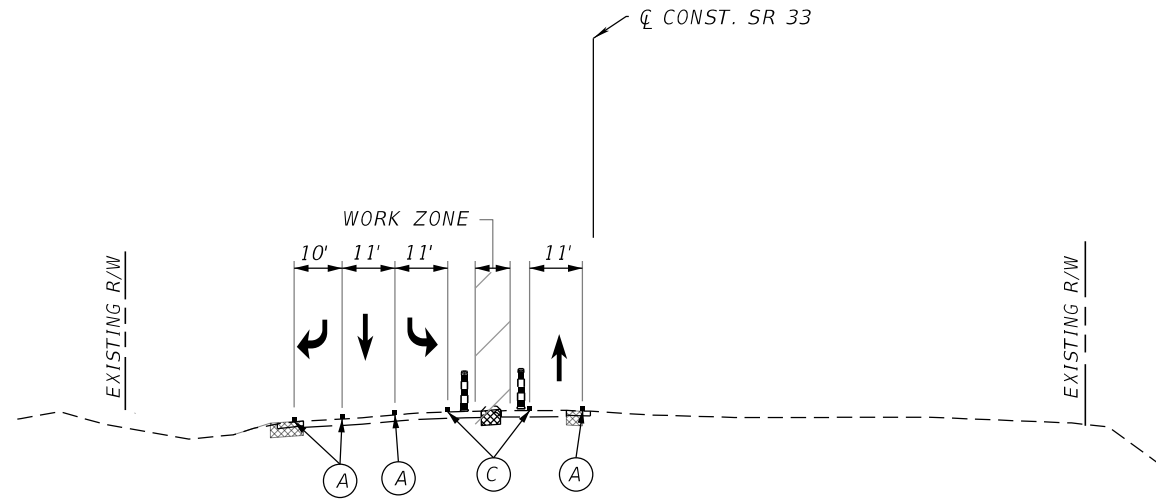
**CRITICAL SECTIONS
PHASE I - STAGE 2**

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 292
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**TEMPORARY TRAFFIC
CONTROL PLANS (12)**



CRITICAL SECTION - PHASE I - STAGE 2
 Q CONST. SR 33
 STA. 3363+00

PRELIMINARY
 subject to changes

PAVEMENT MARKING LEGEND

- A 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- C 6" SOLID YELLOW TEMPORARY PAVEMENT MARKING
- TEMPORARY PAVEMENT CURRENT PHASE
- TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- CHANNELIZING DEVICES (INDEX 102-600)

**CRITICAL SECTIONS
 PHASE I - STAGE 2**

**TEMPORARY TRAFFIC
 CONTROL PLANS (13)**

2/28/2024 7:29:38 PM day
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
TEMPORARY TRAFFIC CONTROL PLANS (13)									293

TEMP PAVEMENT PREVIOUS PHASE

DIRECTION OF TRAVEL

CHANNELIZING DEVICE (INDEX 102-600)

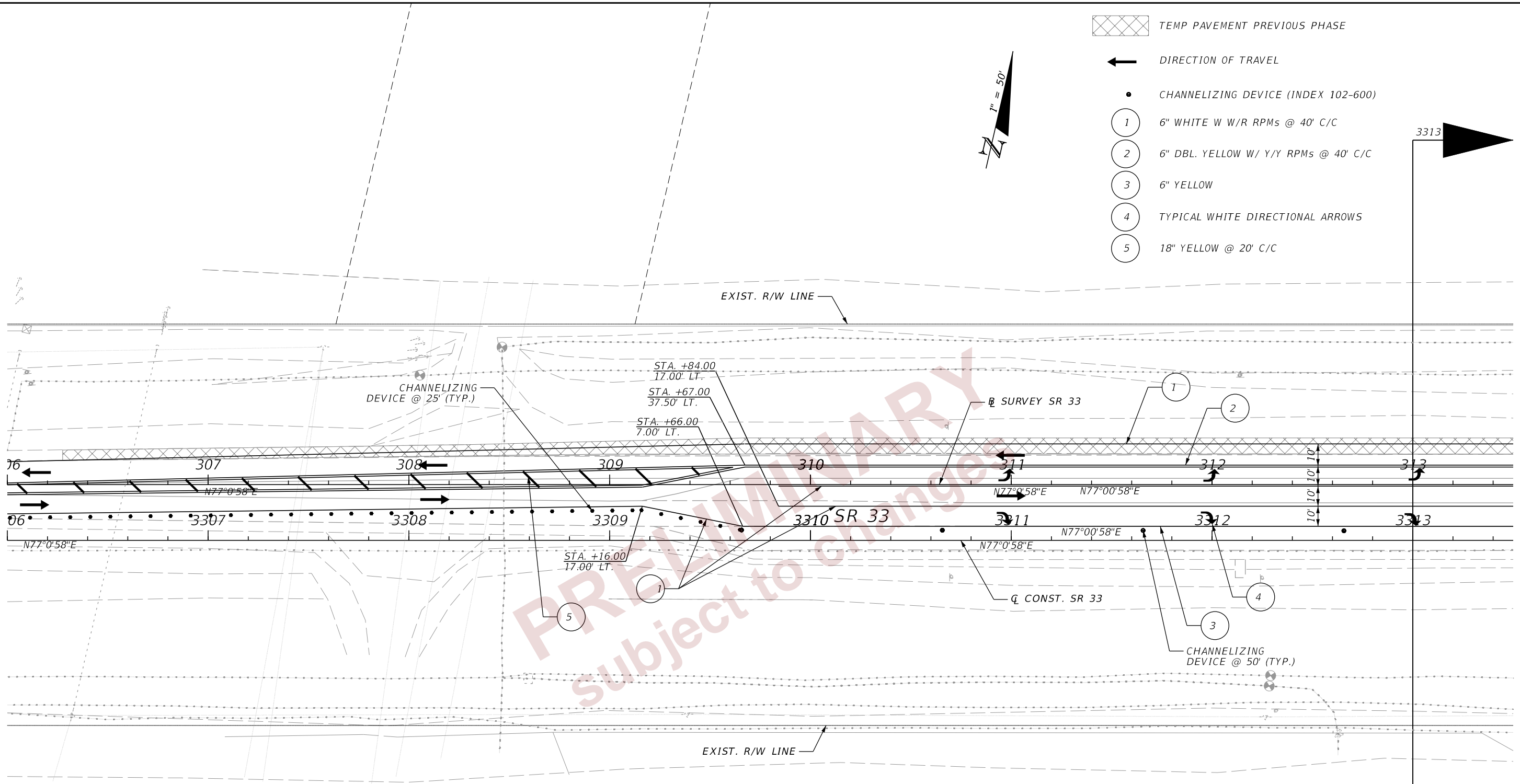
1 6" WHITE W W/R RPMs @ 40' C/C

2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C

3 6" YELLOW

4 TYPICAL WHITE DIRECTIONAL ARROWS

5 18" YELLOW @ 20' C/C











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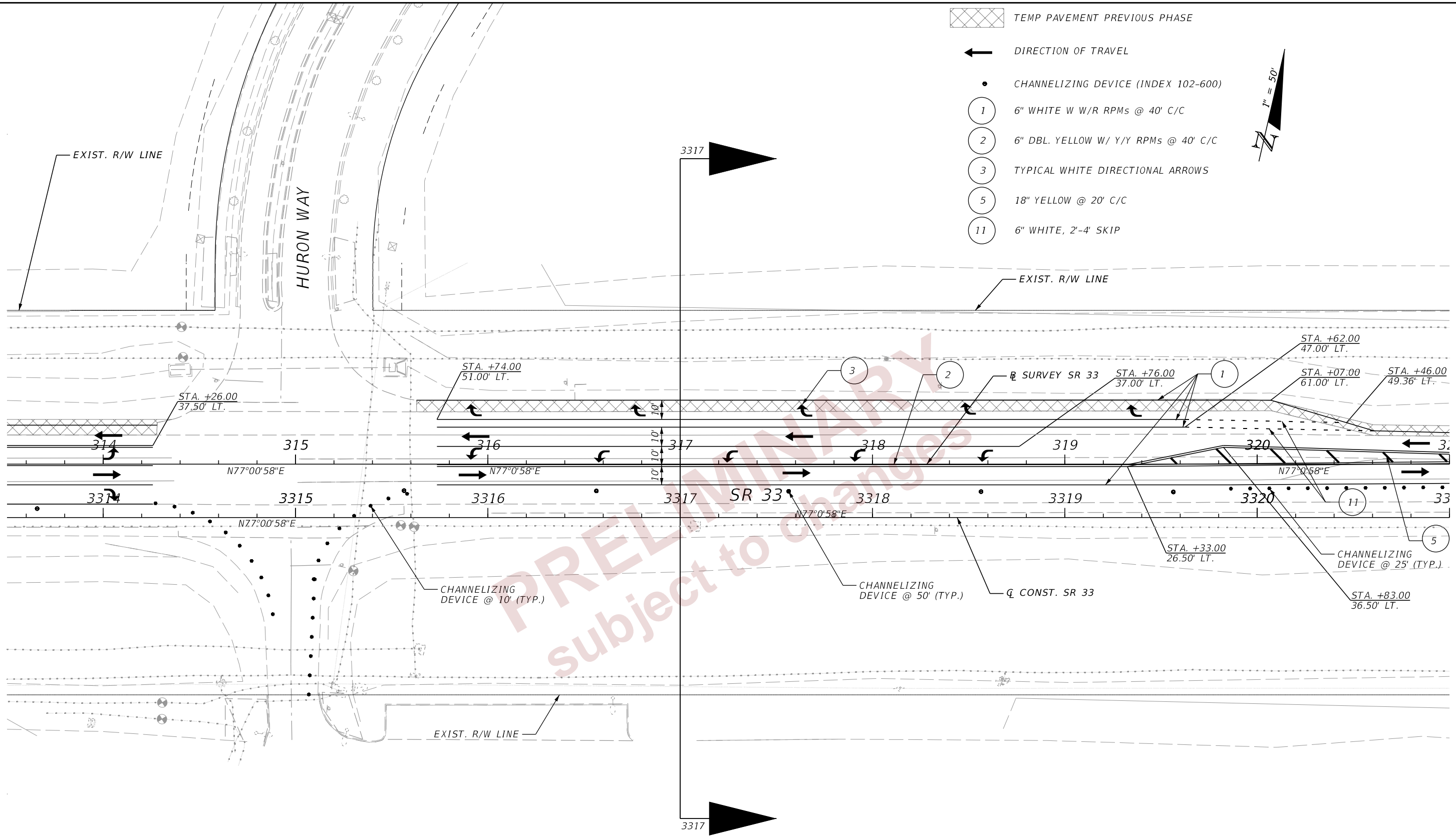
PRELIMINARY
 Subject to Change

PHASE I - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (14)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		294
						SR 33	POLK	430185-4-52-01		

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-  TEMP PAVEMENT PREVIOUS PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICE (INDEX 102-600)
-  1 6" WHITE W W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
-  3 TYPICAL WHITE DIRECTIONAL ARROWS
-  5 18" YELLOW @ 20' C/C
-  11 6" WHITE, 2'-4' SKIP








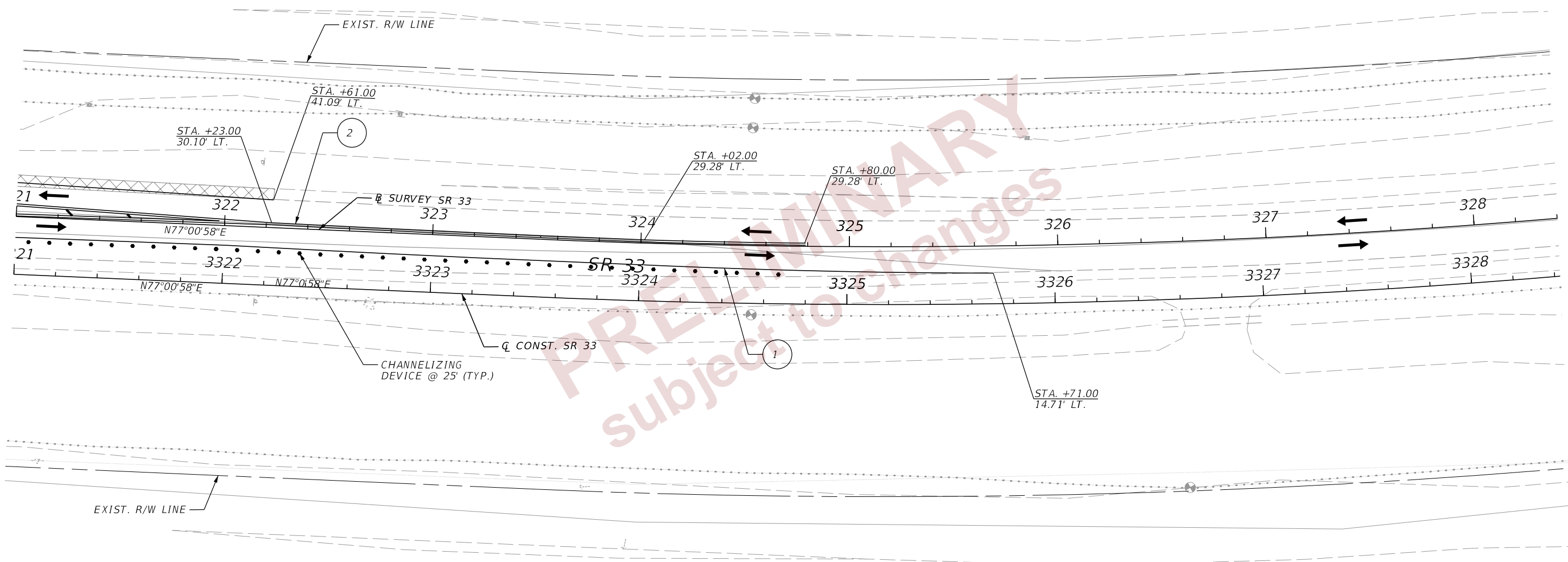
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PHASE I - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (15)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		295
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT PREVIOUS PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICE (INDEX 102-600)
-  6" WHITE W W/R RPMs @ 40' C/C
-  6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C







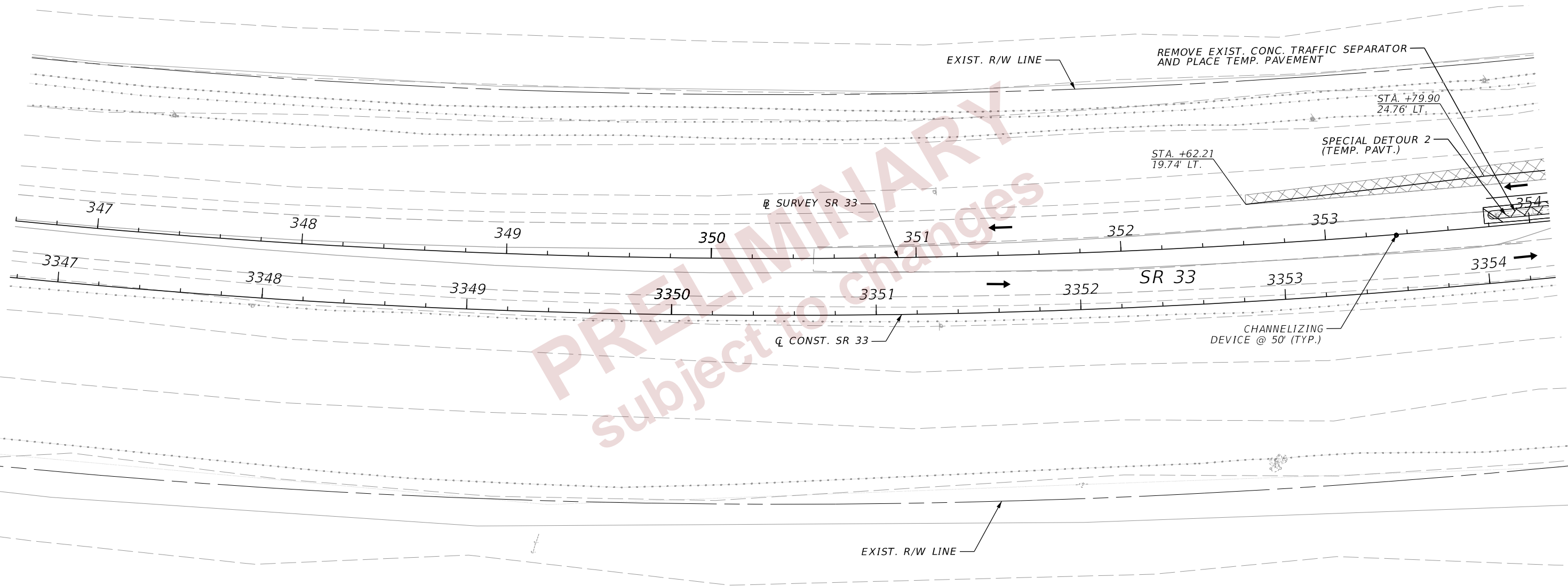
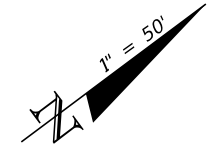
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PHASE I - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (16)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		296
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT PREVIOUS PHASE
-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)

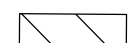









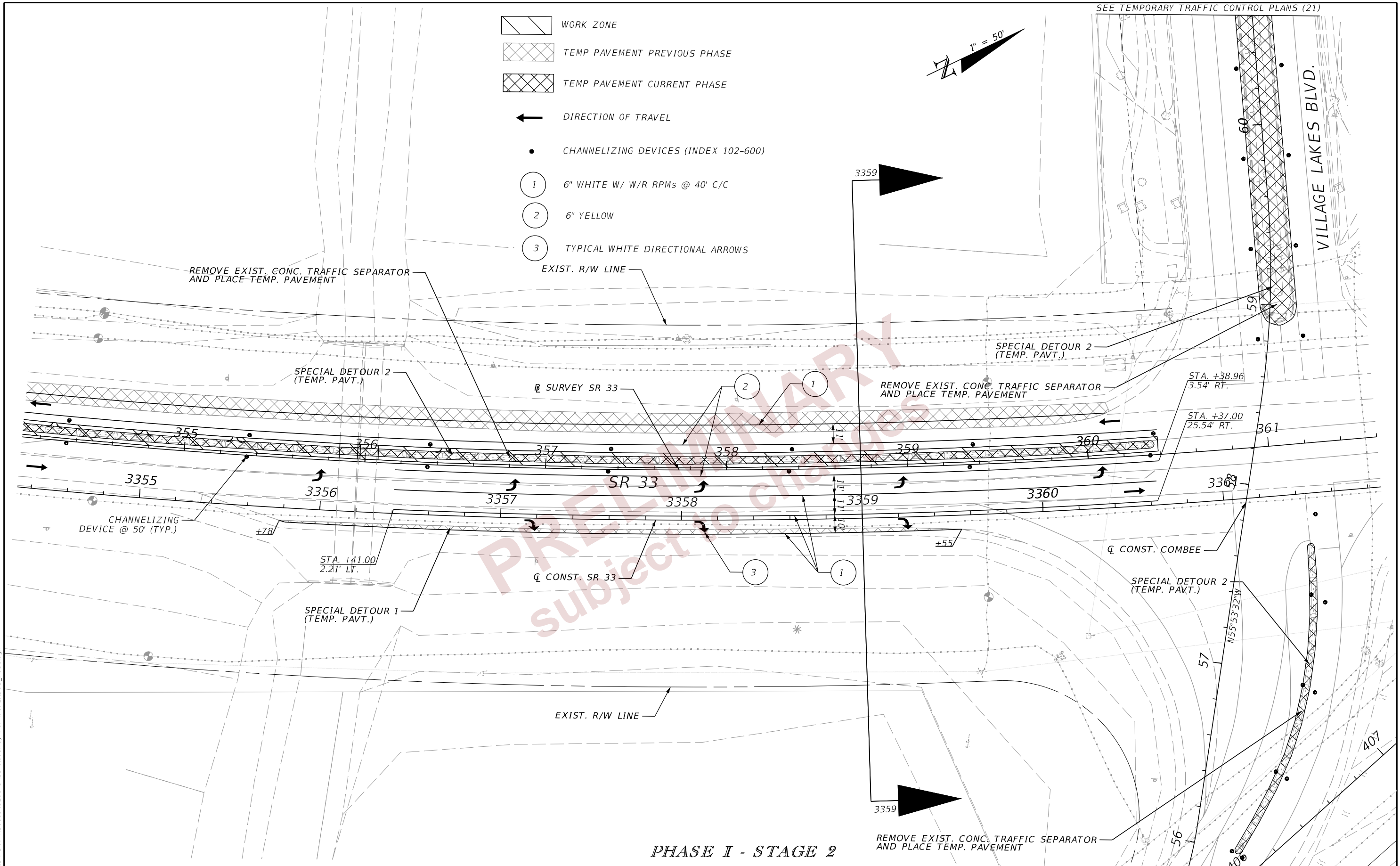
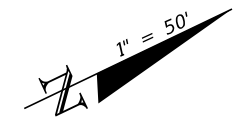
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PHASE I - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (17)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		297
						SR 33	POLK	430185-4-52-01		






-  WORK ZONE
-  TEMP PAVEMENT PREVIOUS PHASE
-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" YELLOW
-  3 TYPICAL WHITE DIRECTIONAL ARROWS



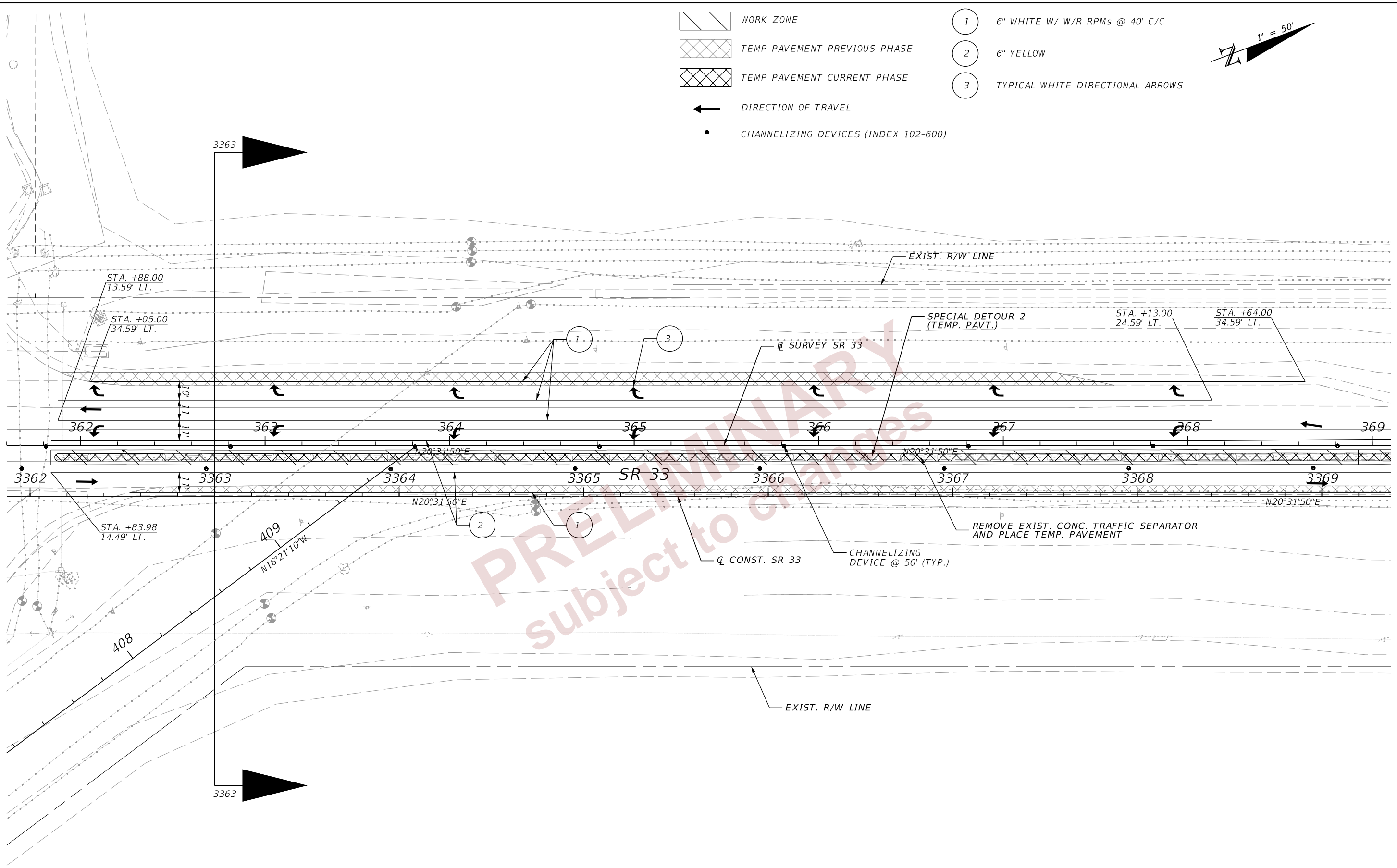
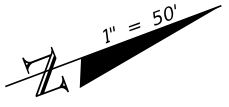
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (18)	SHEET NO. 298
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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-  WORK ZONE
-  TEMP PAVEMENT PREVIOUS PHASE
-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)

- 1 6" WHITE W/ W/R RPMs @ 40' C/C
- 2 6" YELLOW
- 3 TYPICAL WHITE DIRECTIONAL ARROWS










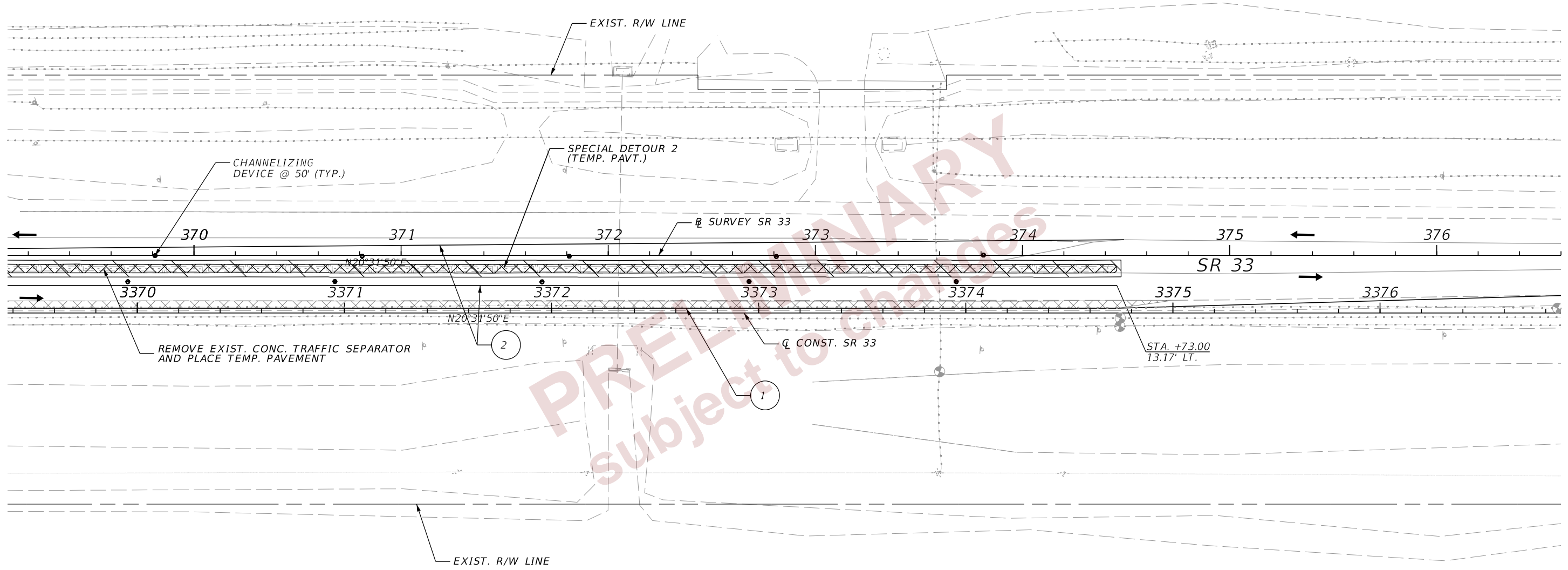
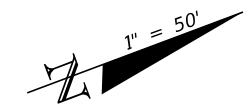
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PHASE I - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (19)	SHEET NO. 299
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

-  WORK ZONE
-  TEMP PAVEMENT PREVIOUS PHASE
-  TEMP PAVEMENT CURRENT PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" YELLOW



PRELIMINARY
 Subject to Change

PHASE I - STAGE 2

TEMPORARY TRAFFIC CONTROL PLANS (20)

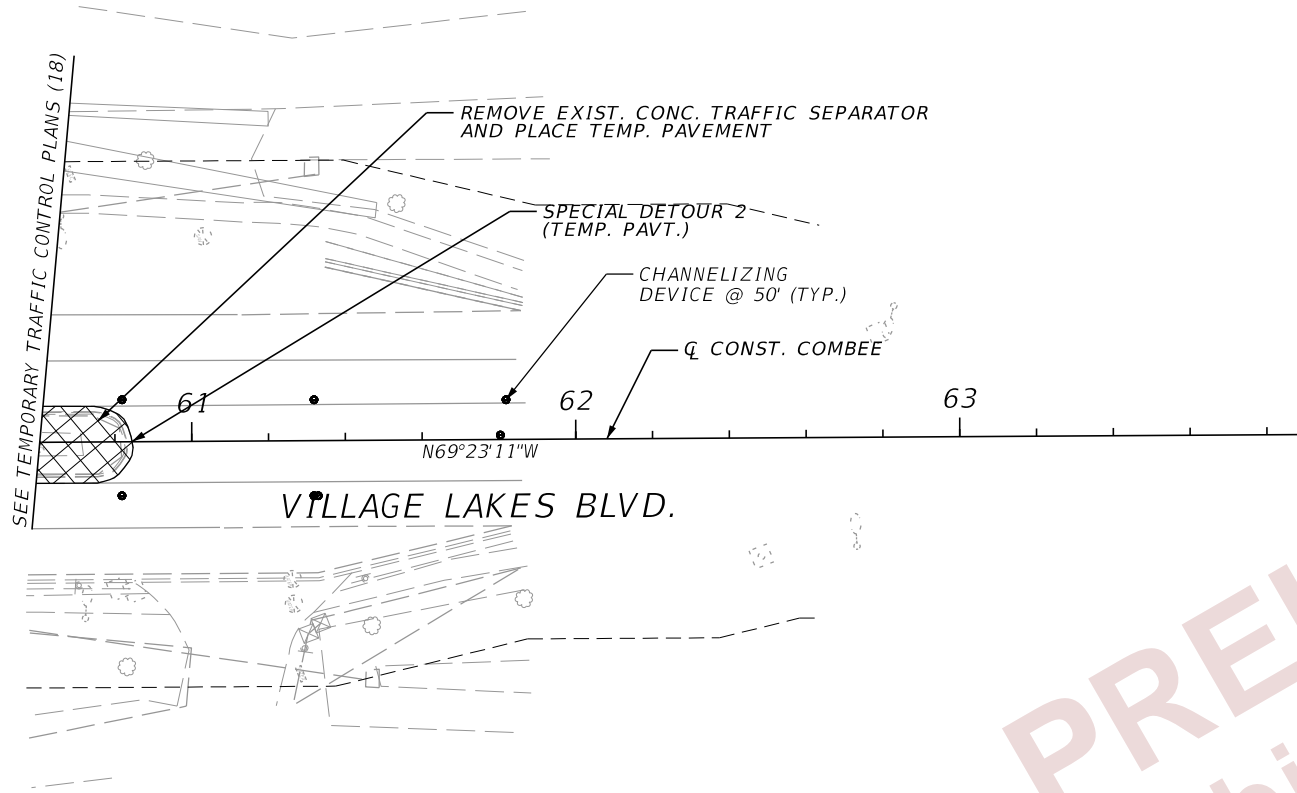
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	POLK

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 TEMP PAVEMENT CURRENT PHASE

 CHANNELIZING DEVICES (INDEX 102-600)



PRELIMINARY
subject to changes

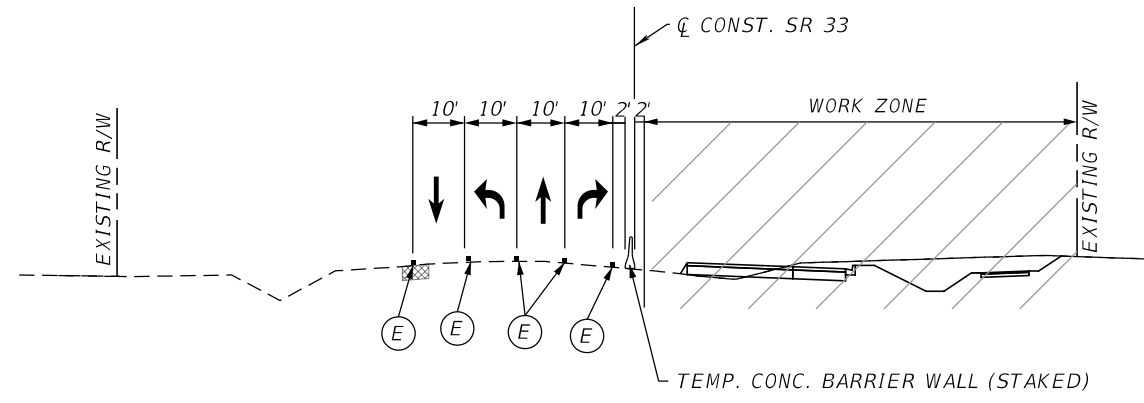
**PHASE I - STAGE 2
VILLAGE LAKES BLVD.**

**TEMPORARY TRAFFIC
CONTROL PLANS (21)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 301
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

2/28/2024 7:30:16 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\TCPLRD01_P151.dgn

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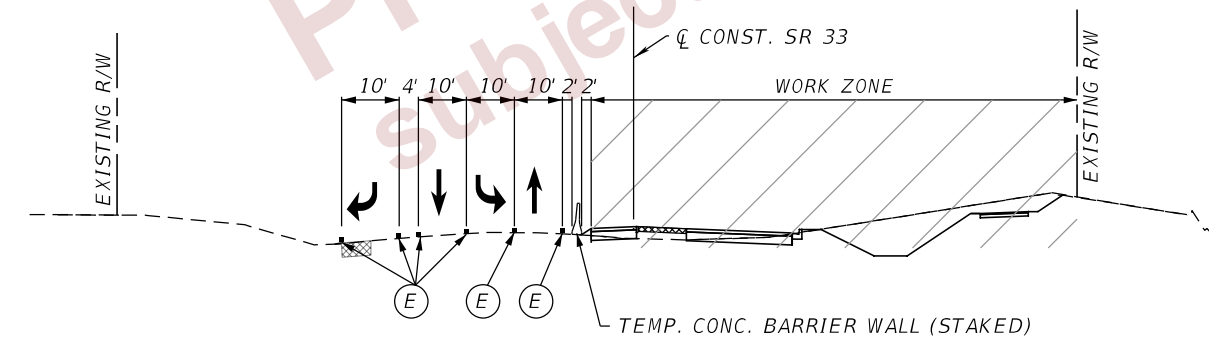


CRITICAL SECTION - PHASE II - STAGE 1

CL CONST. SR 33
STA. 3313+00

PAVEMENT MARKING LEGEND

- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- [Cross-hatched box] TEMPORARY PAVEMENT CURRENT PHASE
- [Diagonal-hatched box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE



CRITICAL SECTION - PHASE II - STAGE 1

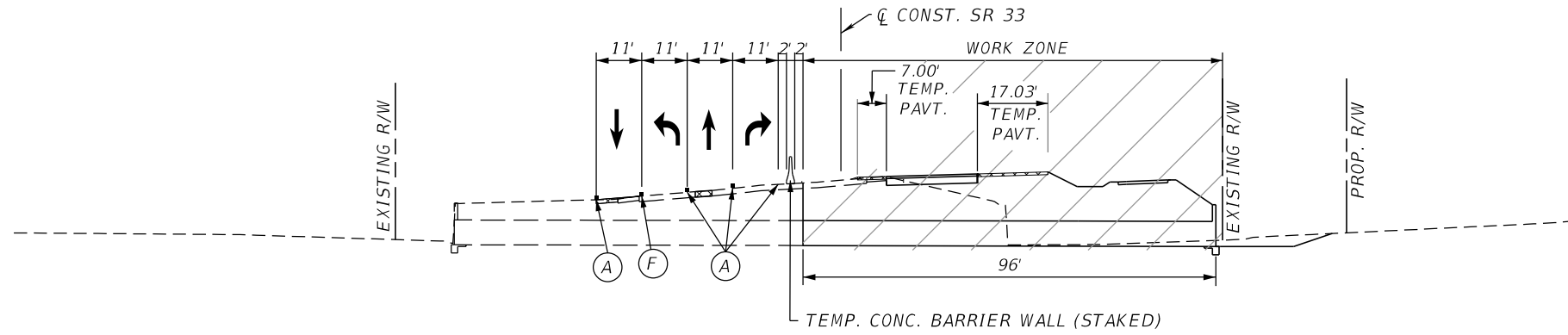
CL CONST. SR 33
STA. 3317+00

**CRITICAL SECTIONS
PHASE II - STAGE 1**

2/28/2024 7:30:33 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (22)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		302
								SR 33		

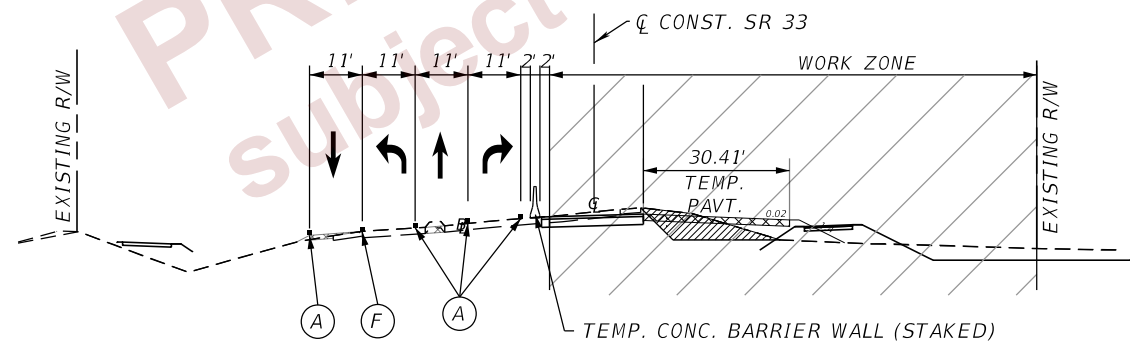


CRITICAL SECTION @ BRIDGE CULVERT- PHASE II - STAGE 1

Q CONST. SR 33
STA. 3356+20

PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- (F) 6" SOLID DOUBLE YELLOW
- [Hatched Box] TEMPORARY PAVEMENT CURRENT PHASE
- [Cross-hatched Box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE



CRITICAL SECTION - PHASE II - STAGE 1

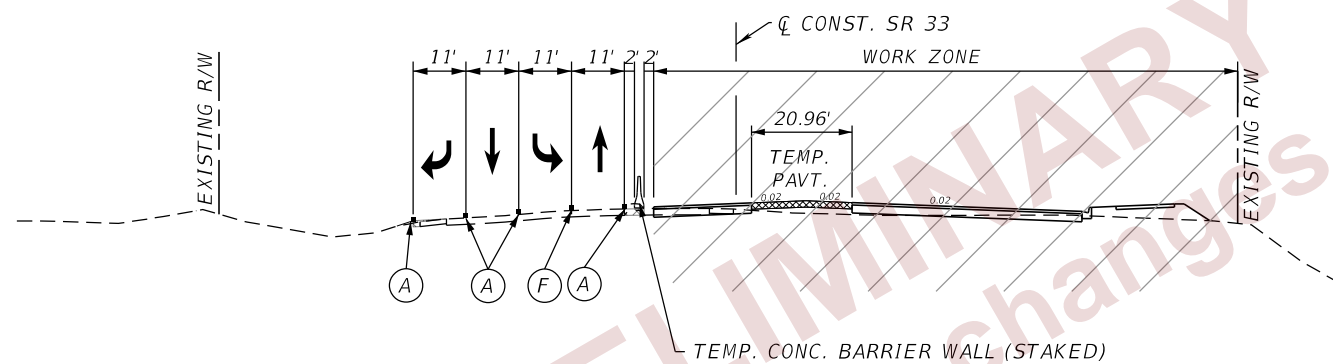
Q CONST. SR 33
STA. 3359+00

**CRITICAL SECTIONS
PHASE II - STAGE 1**

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	
TEMPORARY TRAFFIC CONTROL PLANS (23)									303



- PAVEMENT MARKING LEGEND**
- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
 - (F) 6" SOLID DOUBLE YELLOW
 - [Cross-hatched box] TEMPORARY PAVEMENT CURRENT PHASE
 - [Diagonal-hatched box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE

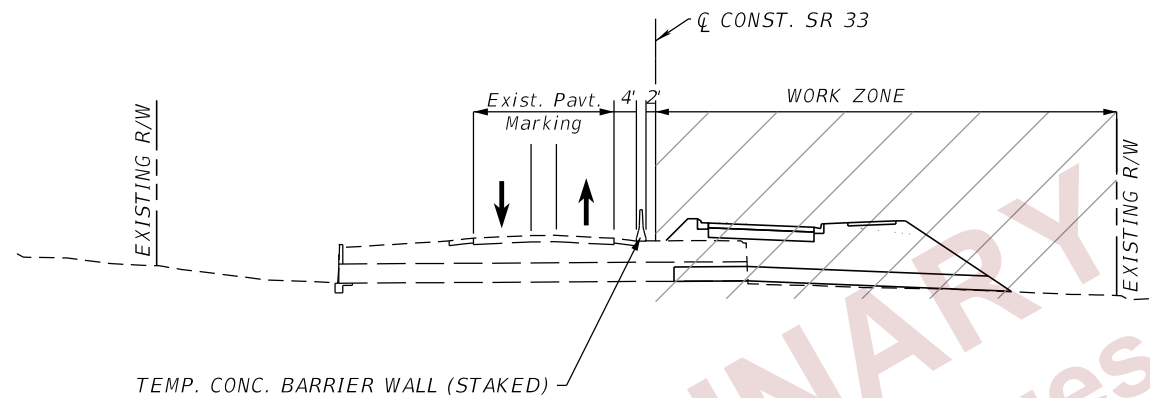
CRITICAL SECTION - PHASE II - STAGE 1
 Q CONST. SR 33
 STA. 3363+00

**CRITICAL SECTIONS
 PHASE II - STAGE 1**

2/28/2024 7:30:36 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (24)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		304
								SR 33		



PRELIMINARY
subject to changes

CRITICAL SECTION - PHASE II - STAGE 1

**CL CONST. SR 33
STA. 3394+78.98**




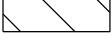



**CRITICAL SECTIONS
PHASE II - STAGE 1**

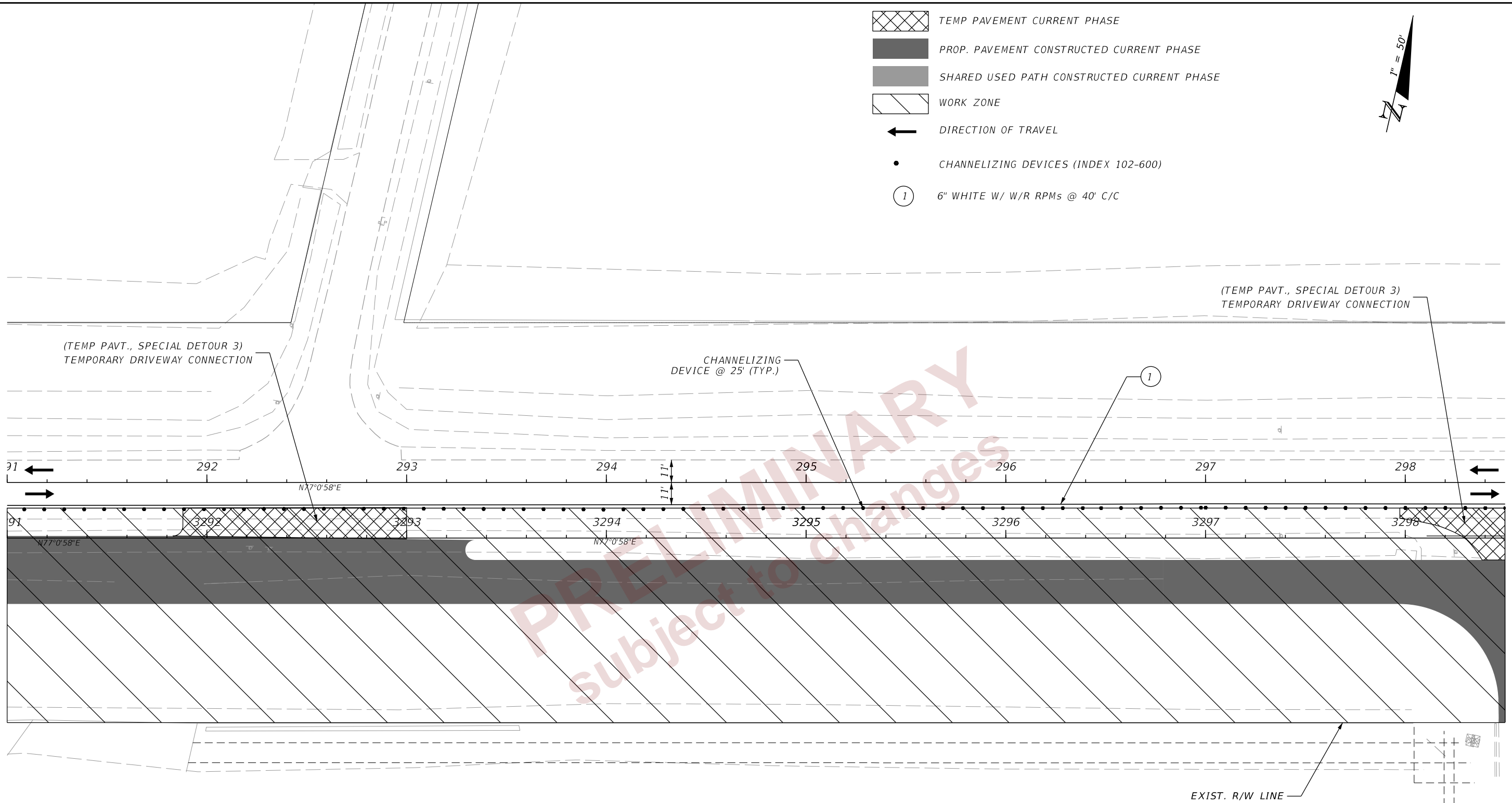
**TEMPORARY TRAFFIC
CONTROL PLANS (25)**

2/28/2024 7:30:36 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TCOTRD01.dgn

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (25)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		305
								SR 33		POLK

-  TEMP PAVT. CURRENT PHASE
-  PROP. PAVT. CONSTRUCTED CURRENT PHASE
-  SHARED USED PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  6" WHITE W/ W/R RPMs @ 40' C/C



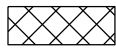


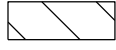




PHASE II - STAGE 1

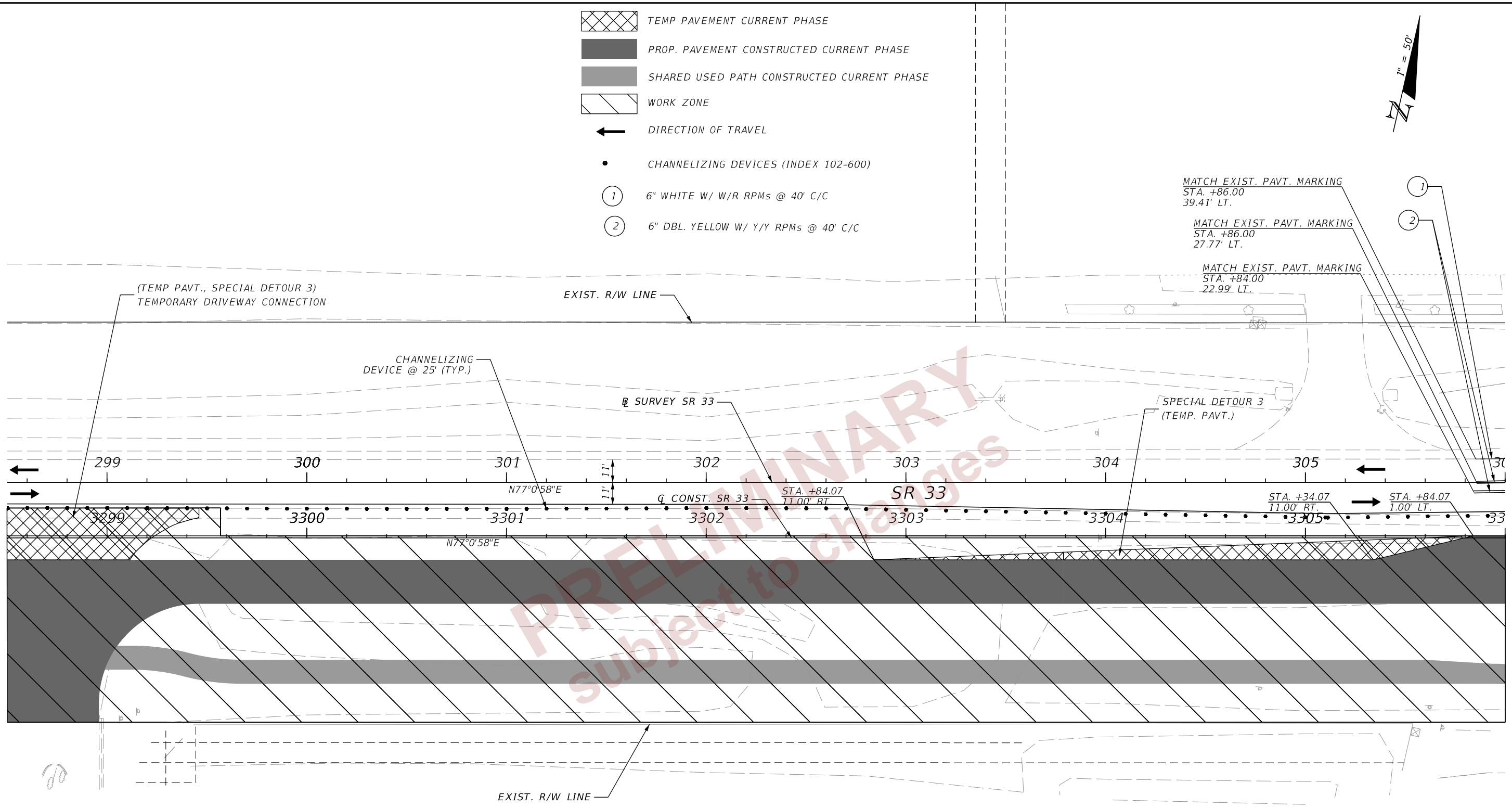
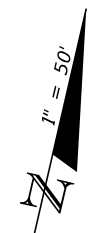
TEMPORARY TRAFFIC CONTROL PLANS (26)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 306
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

2/28/2024 7:30:56 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TLRD01_P151.dgn

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

-  TEMP PAVT. CURRENT PHASE
-  PROP. PAVT. CONSTRUCTED CURRENT PHASE
-  SHARED USED PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C




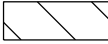
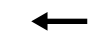





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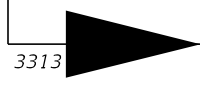
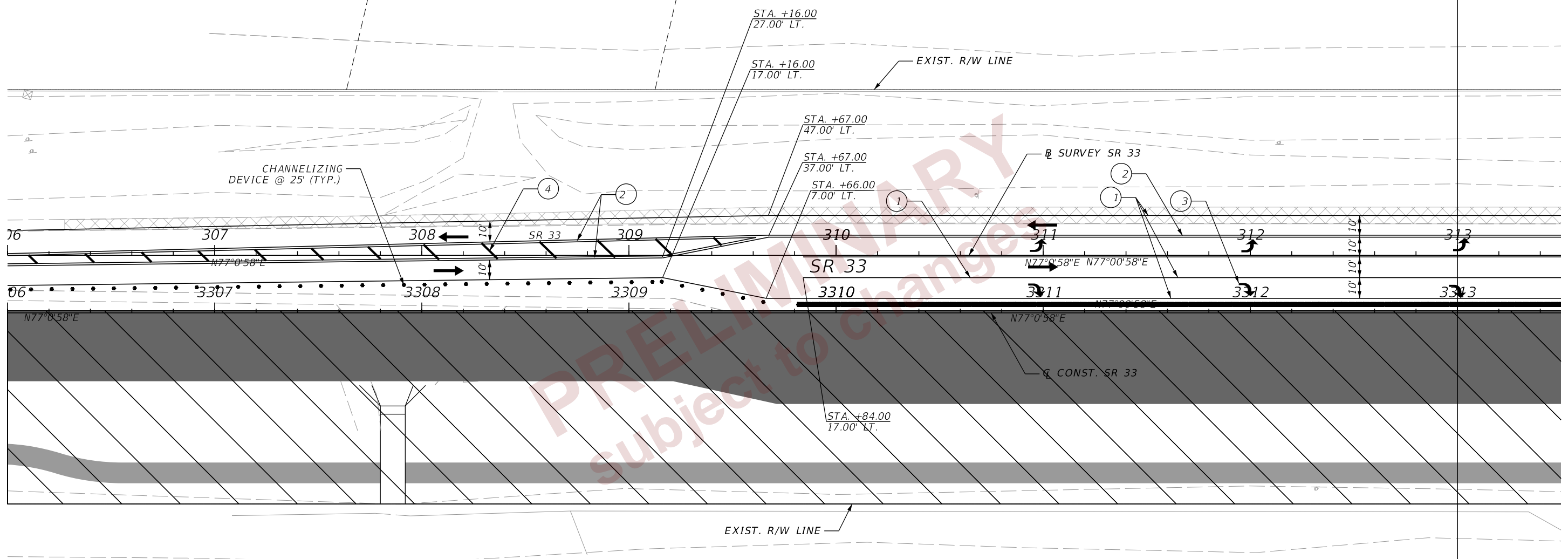
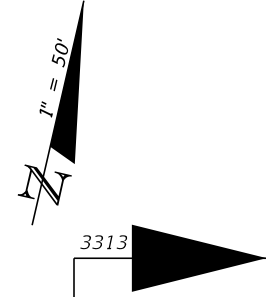
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PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (27)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		307
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ④ 18" YELLOW @ 20' C/C








PHASE II - STAGE 1





TEMPORARY TRAFFIC CONTROL PLANS (28)

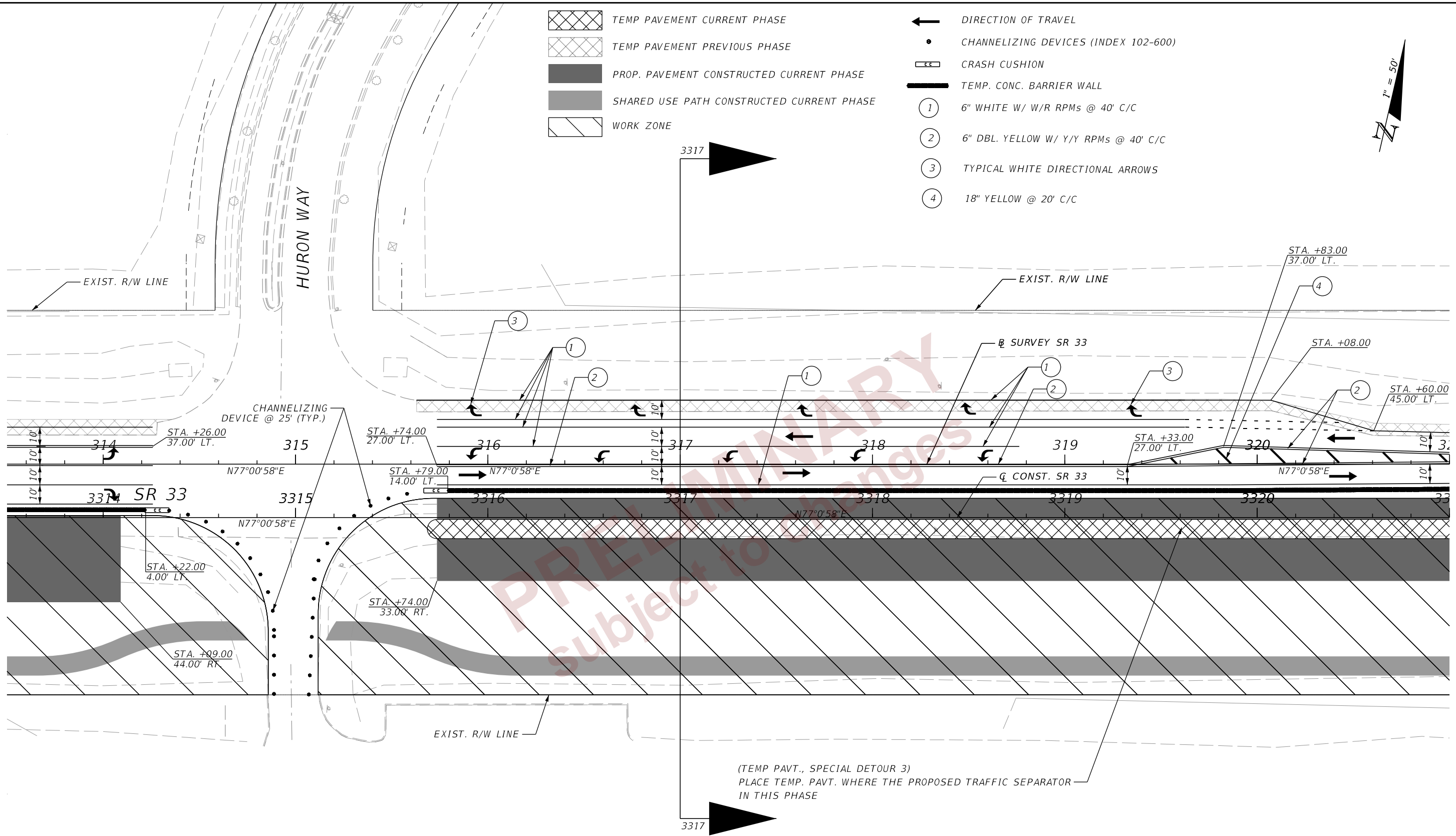
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	308

2/28/2024 7:31:00 PM day P:\ORD_FDOT\Worksets\FDOT\430185\45201-SR33-Roadway\TCP\TCPLRD01_P151.dgn

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

-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE

-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ④ 18" YELLOW @ 20' C/C



(TEMP PAVT., SPECIAL DETOUR 3)
PLACE TEMP. PAVT. WHERE THE PROPOSED TRAFFIC SEPARATOR
IN THIS PHASE

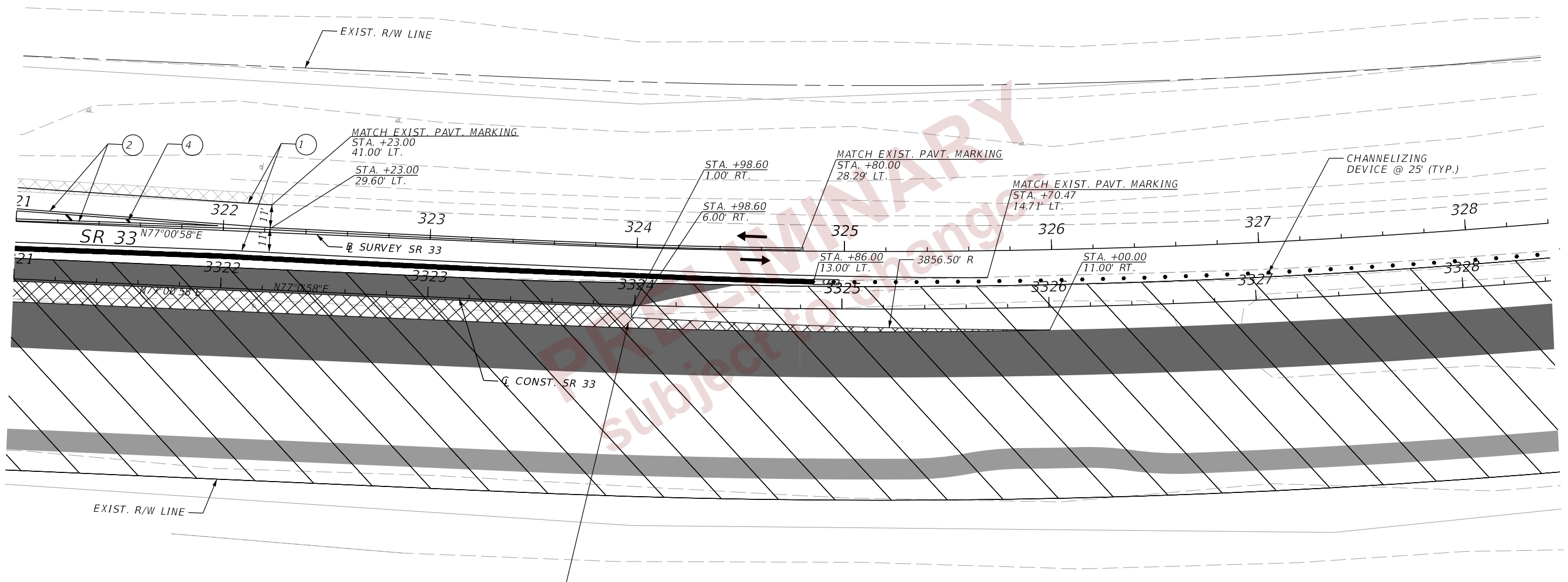
PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 309
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

2/28/2024 7:31:02 PM day P:\ORD_FDOT_Works\656\FDOT\43018545201-SR33-Roadway\TCP\CLR\RD01_P251.dgn

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- ← DIRECTION OF TRAVEL
- CHANNELIZING DEVICES (INDEX 102-600)
- ▭ CRASH CUSHION
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ④ 18" YELLOW @ 20' C/C
- ▨ TEMP PAVEMENT CURRENT PHASE
- ▩ TEMP PAVEMENT PREVIOUS PHASE
- PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
- ▭ SHARED USE PATH CONSTRUCTED CURRENT PHASE



(TEMP PAVT., SPECIAL DETOUR 3)
PLACE TEMP. PAVT. WHERE THE PROPOSED TRAFFIC SEPARATOR
IN THIS PHASE





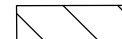




PHASE II - STAGE 1

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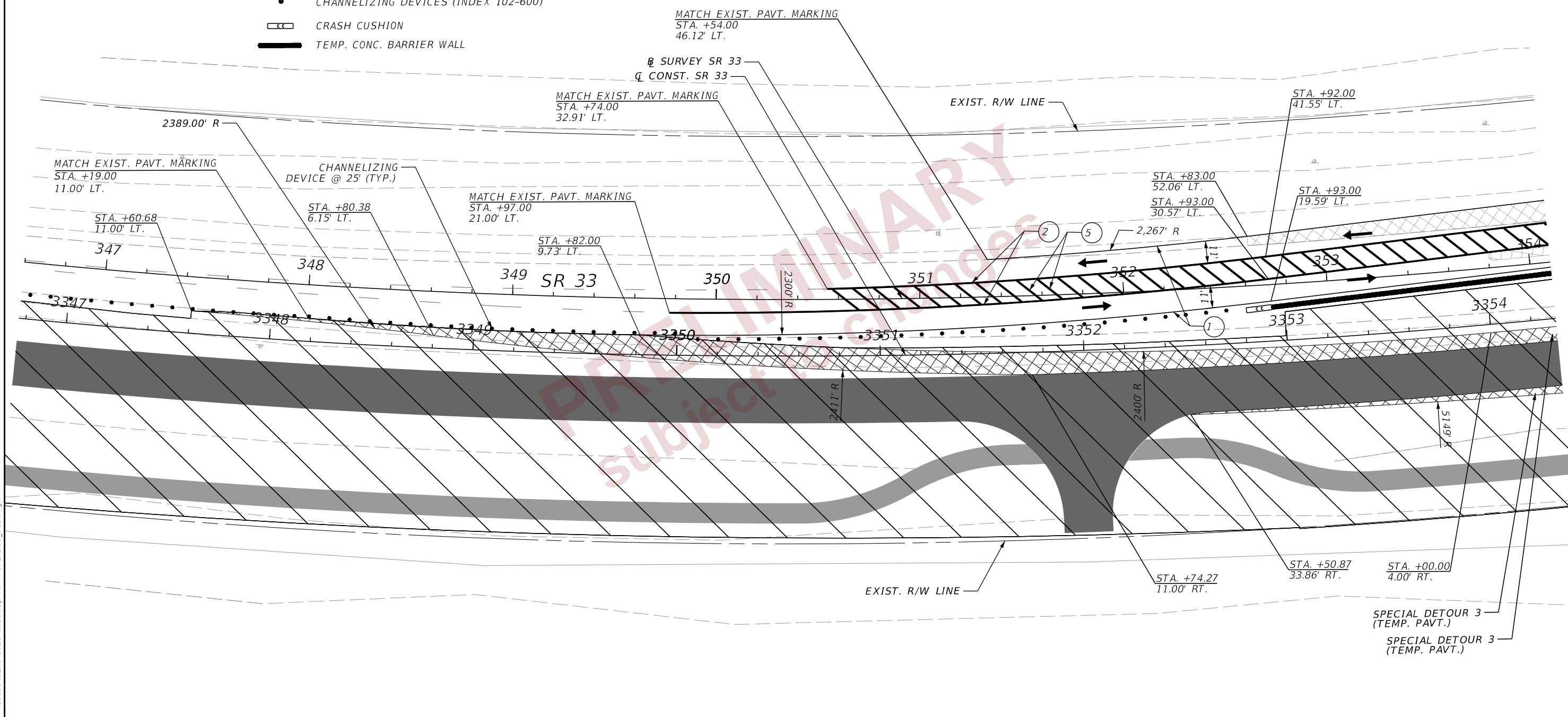
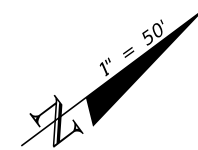
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 310
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

TEMPORARY TRAFFIC
CONTROL PLANS (30)

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

-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ⑤ 18" YELLOW @ 10' C/C





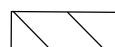






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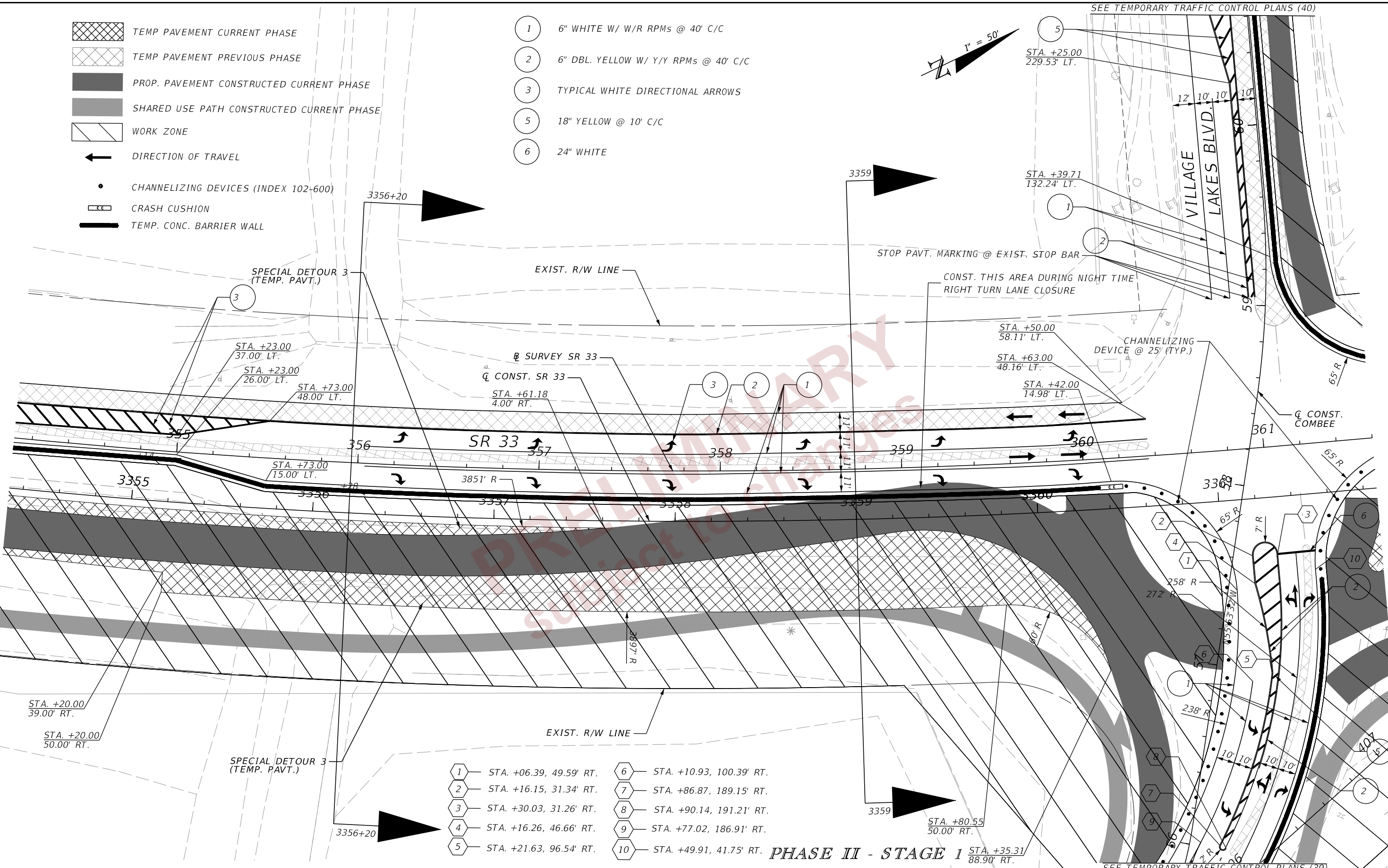
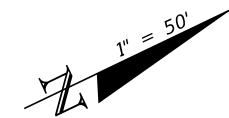
PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (31)	SHEET NO. 311
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- 1 6" WHITE W/ W/R RPMs @ 40' C/C
- 2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- 3 TYPICAL WHITE DIRECTIONAL ARROWS
- 5 18" YELLOW @ 10' C/C
- 6 24" WHITE

SEE TEMPORARY TRAFFIC CONTROL PLANS (40)



- 1 STA. +06.39, 49.59' RT.
- 6 STA. +10.93, 100.39' RT.
- 2 STA. +16.15, 31.34' RT.
- 7 STA. +86.87, 189.15' RT.
- 3 STA. +30.03, 31.26' RT.
- 8 STA. +90.14, 191.21' RT.
- 4 STA. +16.26, 46.66' RT.
- 9 STA. +77.02, 186.91' RT.
- 5 STA. +21.63, 96.54' RT.
- 10 STA. +49.91, 41.75' RT.





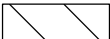




PHASE II - STAGE 1

SEE TEMPORARY TRAFFIC CONTROL PLANS (39)

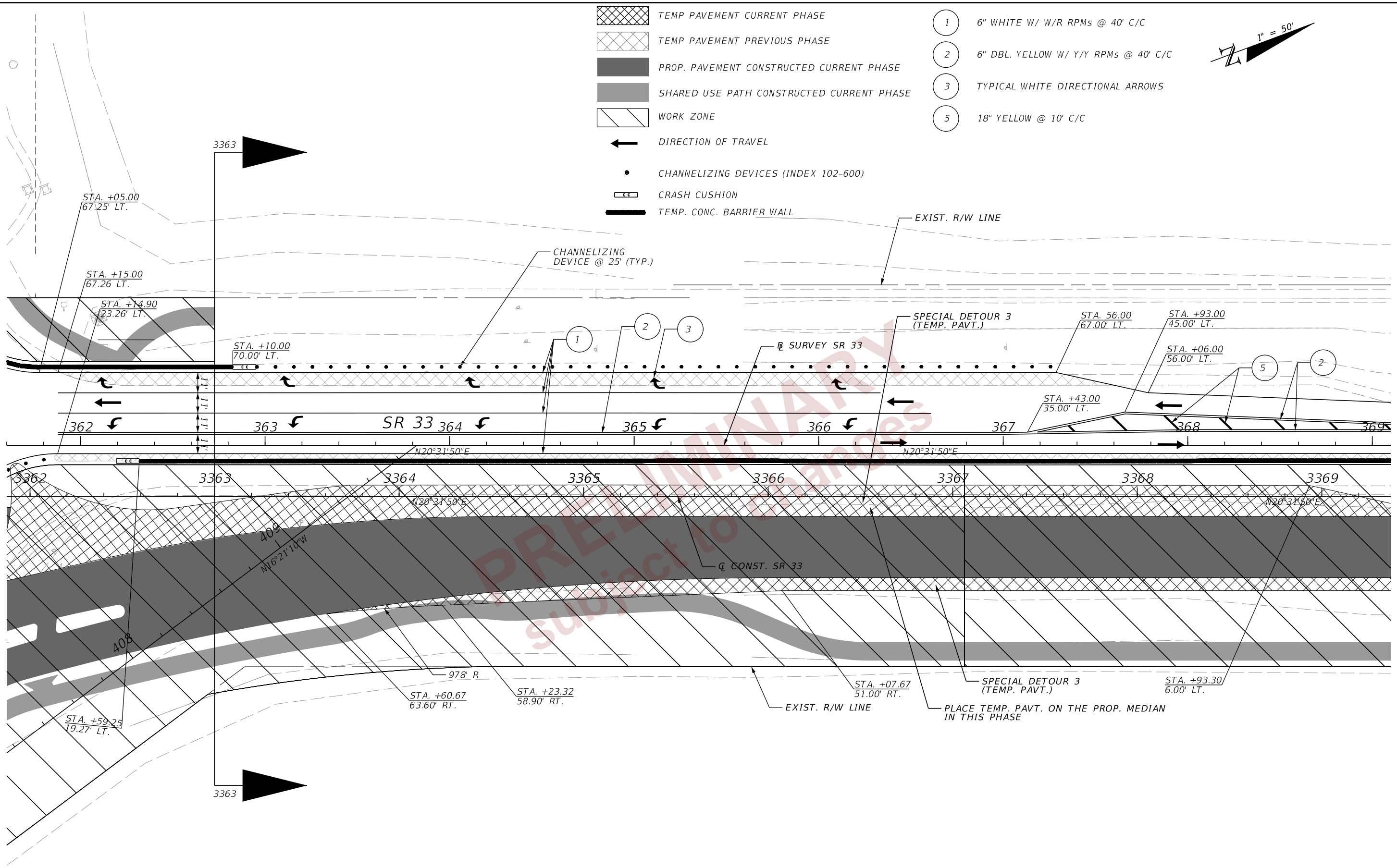
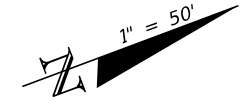
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (32)	SHEET NO. 312
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ⑤ 18" YELLOW @ 10' C/C





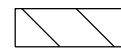




PHASE II - STAGE 1

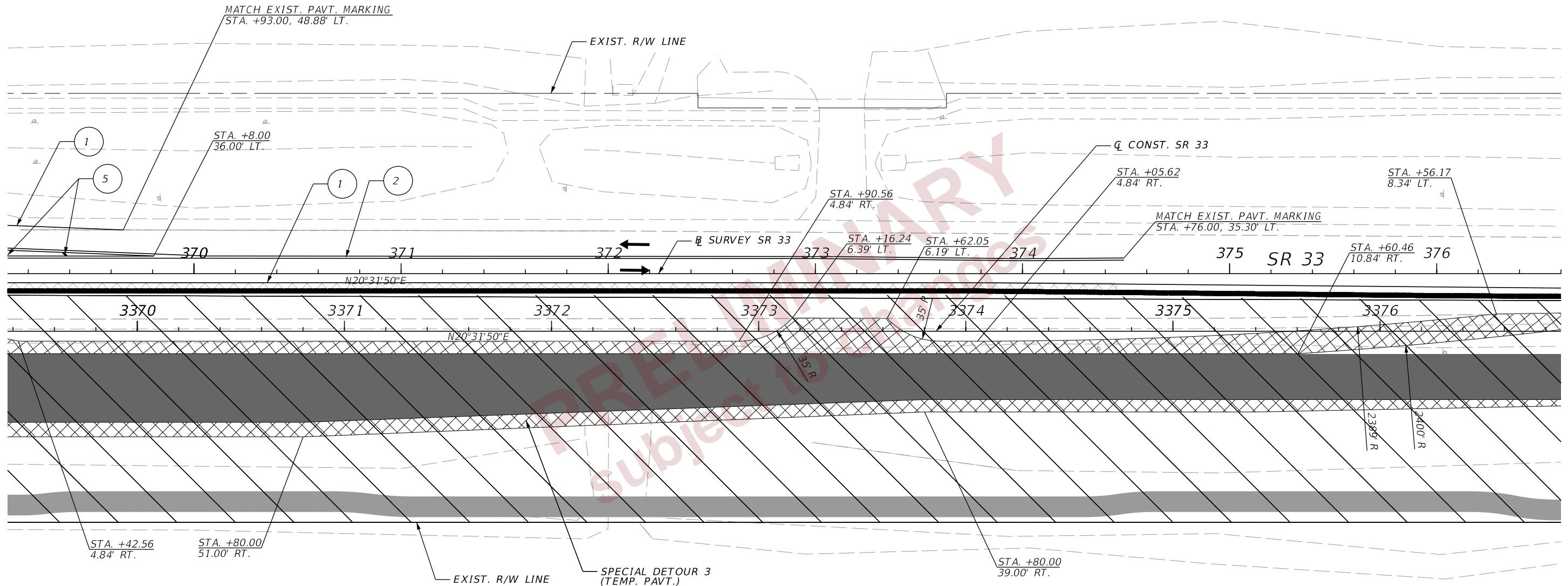
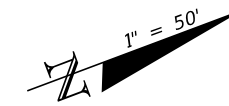
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
TEMPORARY TRAFFIC CONTROL PLANS (33)									313

2/28/2024 7:31:09 PM day P:\ORD_FDOT_Works\6615\FDOT_430185\45201-SR33_Roadway\TCP\TCPLR001_P151.dgn

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

-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP. CONC. BARRIER WALL

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ⑤ 18" YELLOW @ 10' C/C




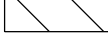





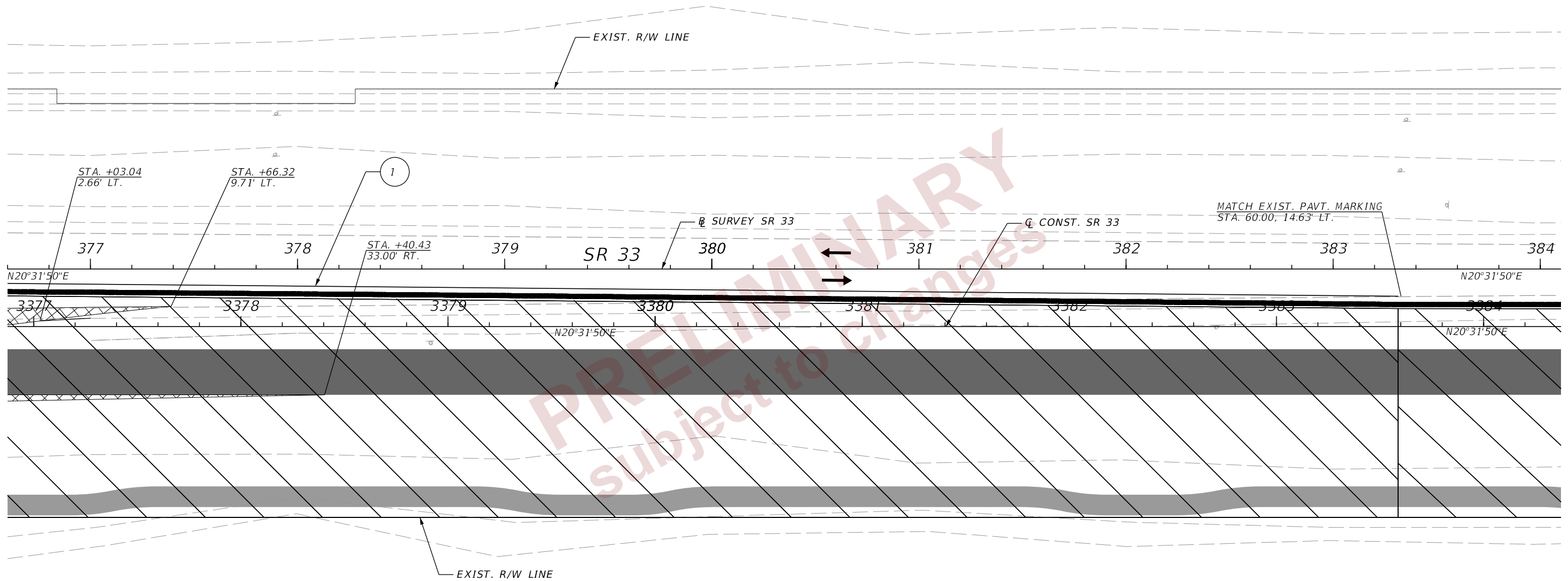
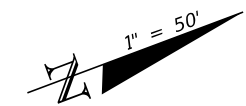
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PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	
TEMPORARY TRAFFIC CONTROL PLANS (34)									314

-  TEMP PAVEMENT CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP. CONC. BARRIER WALL
-  6" WHITE W/ W/R RPMs @ 40' C/C








PRELIMINARY
 Subject to changes

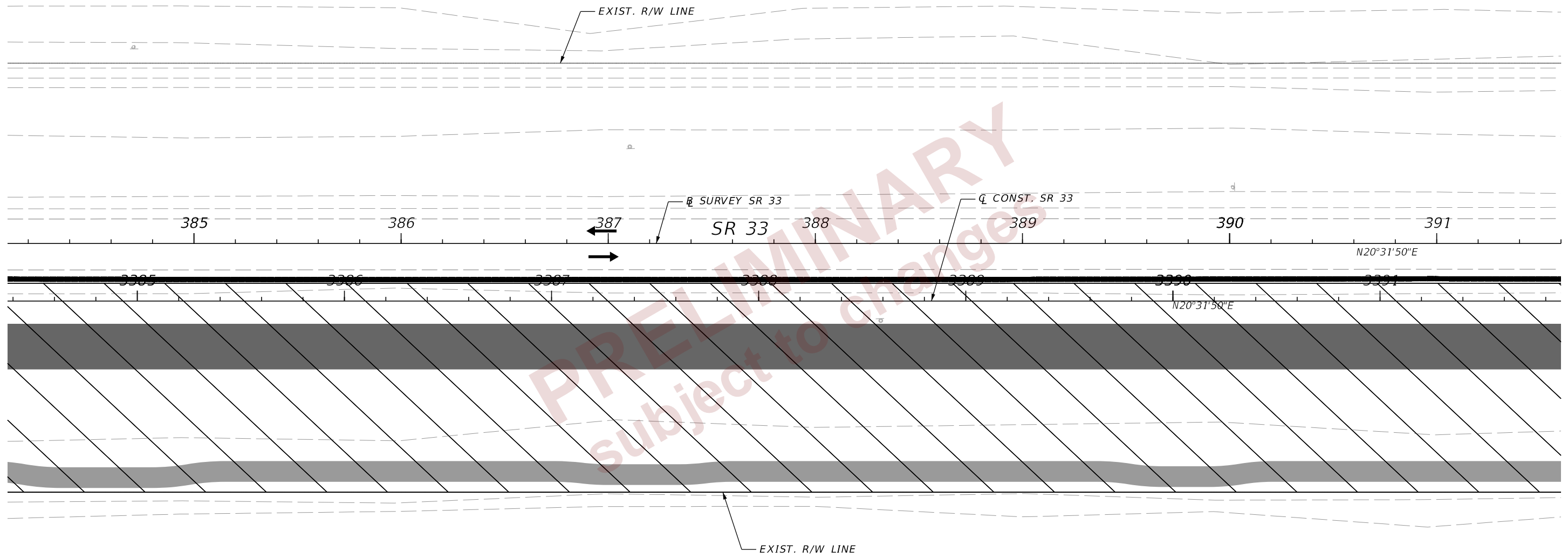
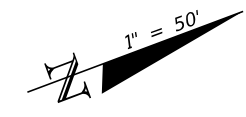
PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (35)	SHEET NO.				
DATE	DESCRIPTION	DATE	DESCRIPTION											
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">ROAD NO.</th> <th style="width: 20%;">COUNTY</th> <th style="width: 60%;">FINANCIAL PROJECT ID</th> </tr> <tr> <td style="text-align: center;">SR 33</td> <td style="text-align: center;">POLK</td> <td style="text-align: center;">430185-4-52-01</td> </tr> </table>	ROAD NO.		COUNTY	FINANCIAL PROJECT ID	SR 33	POLK	430185-4-52-01
ROAD NO.	COUNTY	FINANCIAL PROJECT ID												
SR 33	POLK	430185-4-52-01												

2/28/2024 7:31:11 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TCPLRD01_P151.dgn

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-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP. CONC. BARRIER WALL








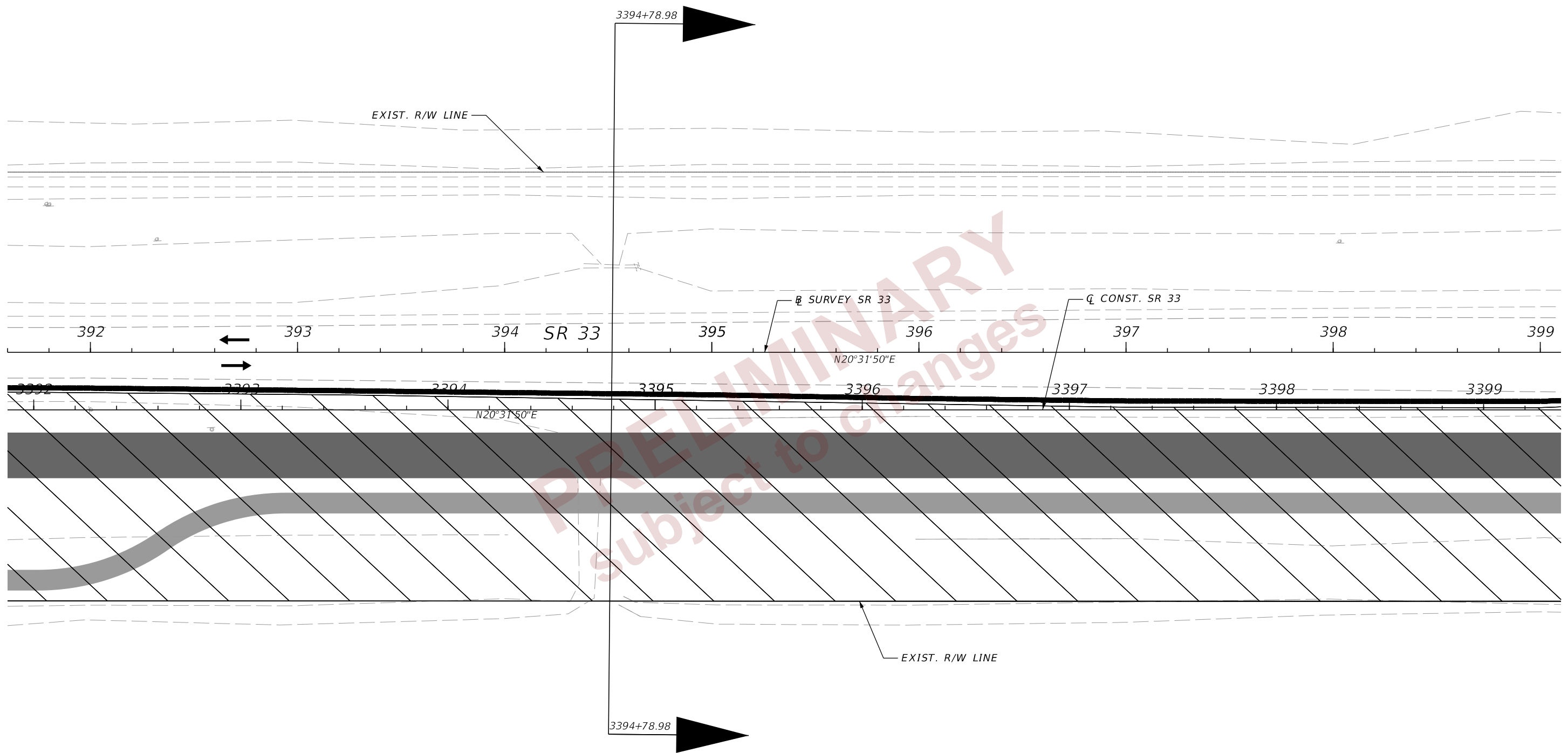
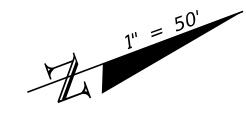
PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (36)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		316
								SR 33		

2/28/2024 7:31:13 PM day P:\ORD_FDOT\Worksets\FDOT\4301854201-SR33-Roadway\TCP\CLR\RD01_P151.dgn

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-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP. CONC. BARRIER WALL









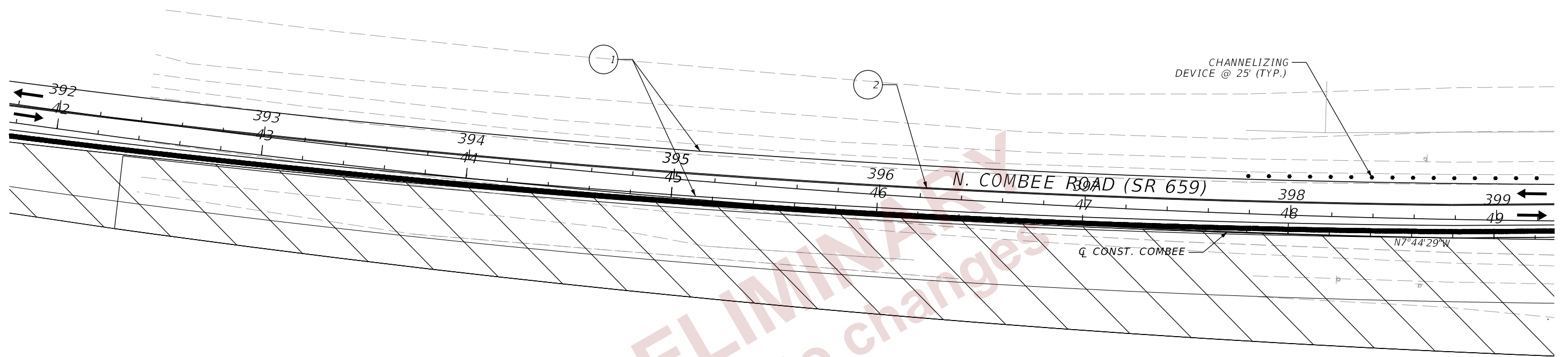
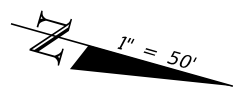
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PHASE II - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (37)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		317
						SR 33	POLK	430185-4-52-01		

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  TEMP. CONC. BARRIER WALL
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C



PRELIMINARY
 subject to changes








**PHASE II - STAGE 1
N. COMBEE RD (SR 659)**

**TEMPORARY TRAFFIC
CONTROL PLANS (38)**

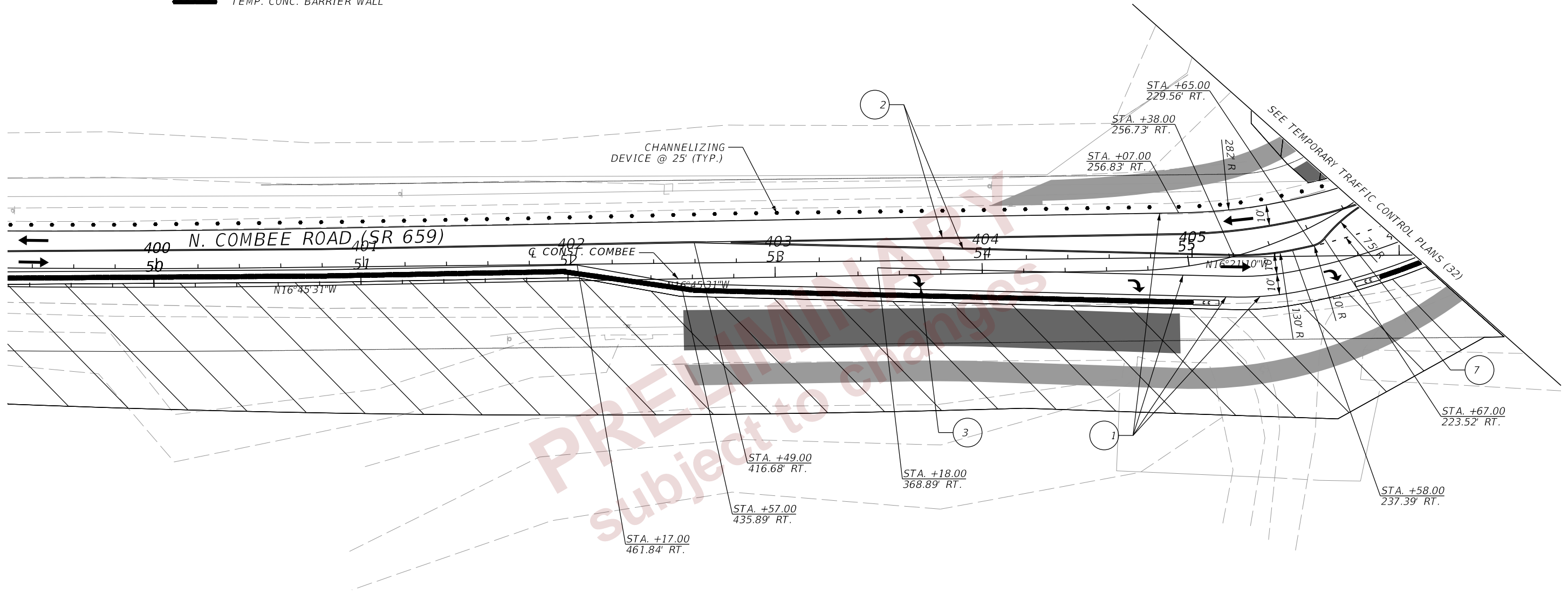
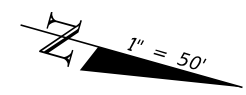
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 318
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

2/28/2024 7:31:15 PM day
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-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ⑦ 6" YELLOW, 2'-4' SKIP





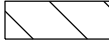







**PHASE II - STAGE 1
N. COMBEE RD (SR 659)**

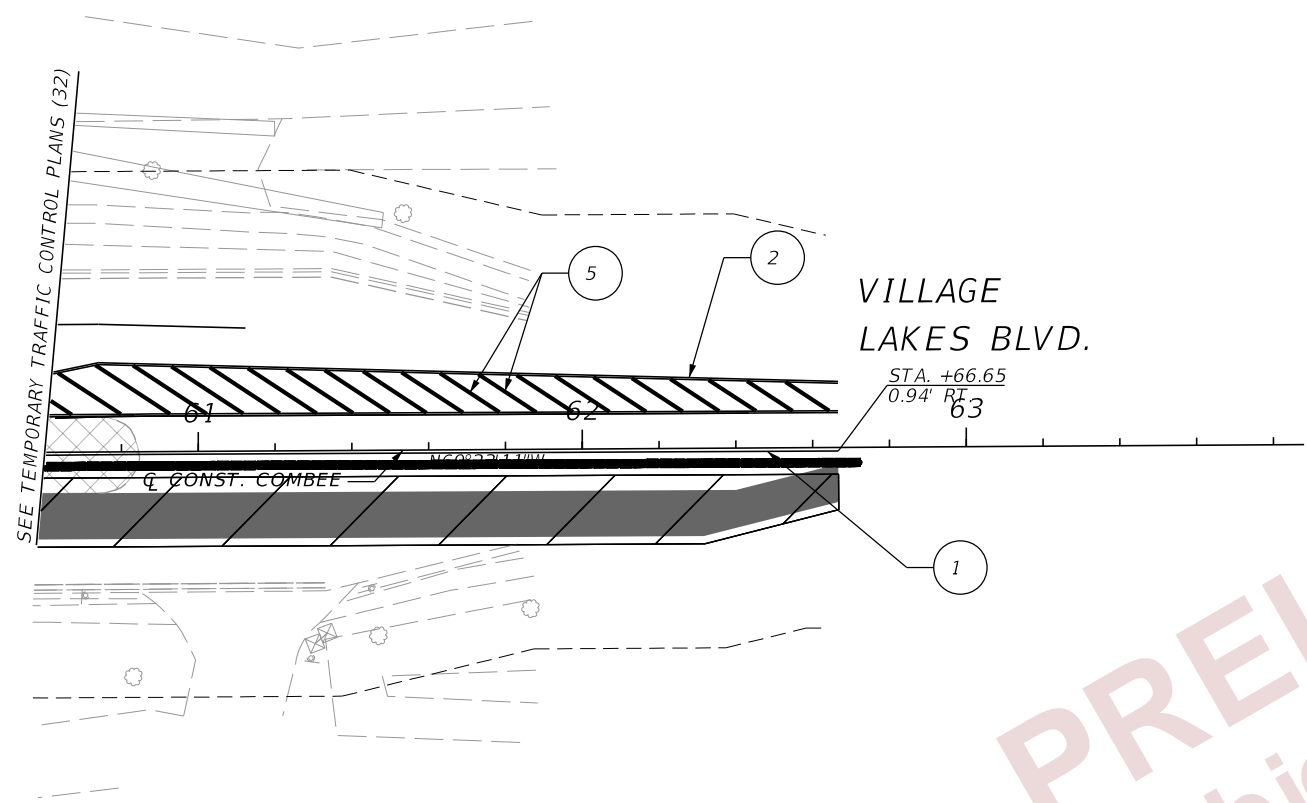
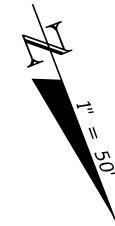
**TEMPORARY TRAFFIC
CONTROL PLANS (39)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	319		
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK		430185-4-52-01	

2/28/2024 7:31:17 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CLRD01_P151.dgn

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-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
-  5 18" YELLOW @ 10' C/C



PRELIMINARY
 subject to changes

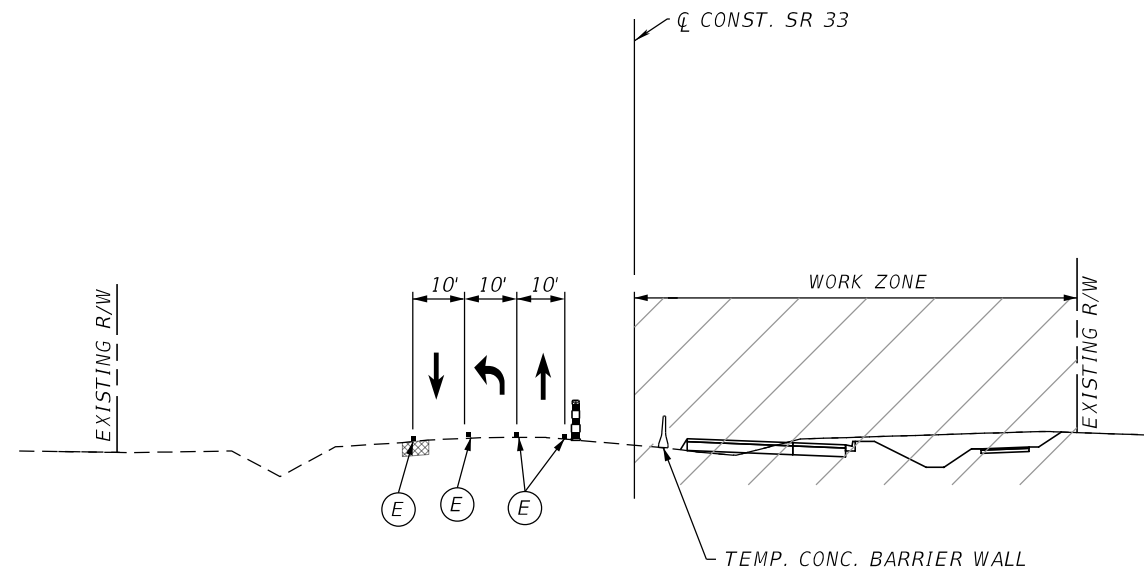
*PHASE II - STAGE 1
VILLAGE LAKES BLVD.*

**TEMPORARY TRAFFIC
CONTROL PLANS (40)**

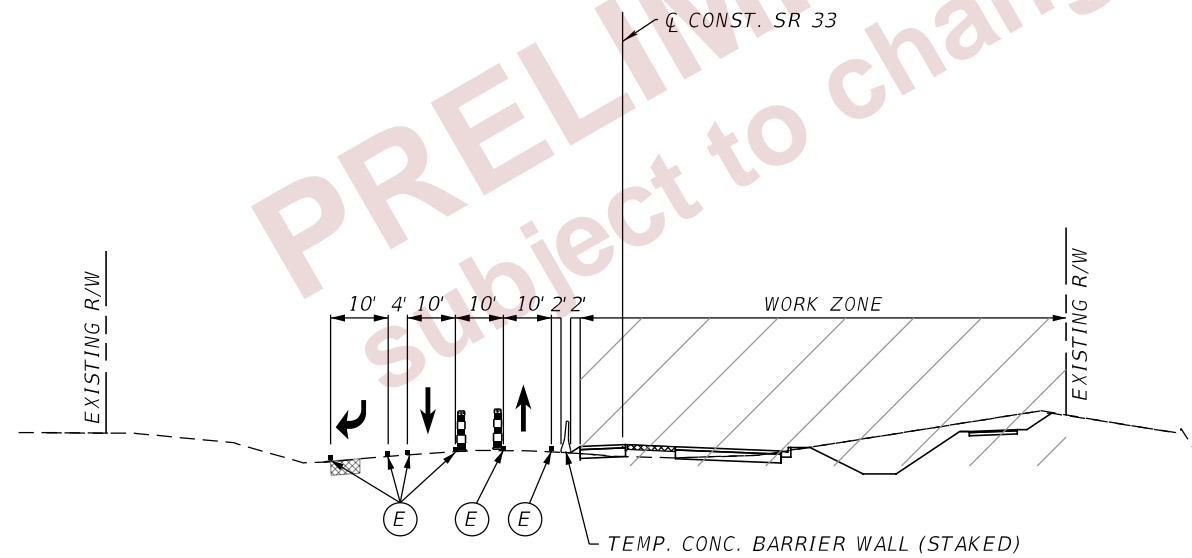
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	320

2/28/2024 7:31:18 PM day
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CRITICAL SECTION - PHASE II - STAGE 2
 CL CONST. SR 33
 STA. 3313+00



CRITICAL SECTION - PHASE II - STAGE 2
 CL CONST. SR 33
 STA. 3317+00

PAVEMENT MARKING LEGEND

- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- [Cross-hatched box] TEMPORARY PAVEMENT CURRENT PHASE
- [Diagonal hatched box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- [Vertical bar symbol] CHANNELIZING DEVICES (INDEX 102-600)

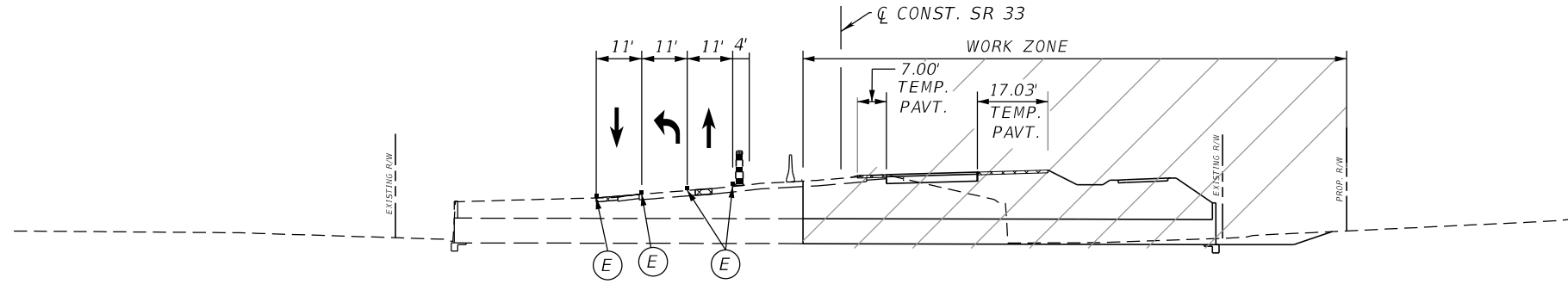
**CRITICAL SECTIONS
 PHASE II - STAGE 2**

**TEMPORARY TRAFFIC
 CONTROL PLANS (41)**

2/28/2024 7:31:35 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

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

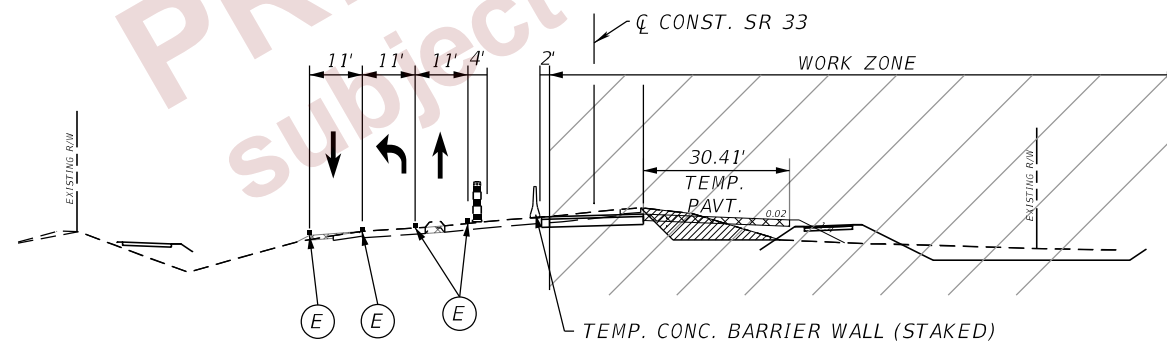
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	321



CRITICAL SECTION @ BRIDGE CULVERT- PHASE II - STAGE 2
Q CONST. SR 33
STA. 3356+20

PAVEMENT MARKING LEGEND

-  TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
-  TEMPORARY PAVEMENT CURRENT PHASE
-  TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  CHANNELIZING DEVICES (INDEX 102-600)



CRITICAL SECTION - PHASE II - STAGE 2
Q CONST. SR 33
STA. 3359+00

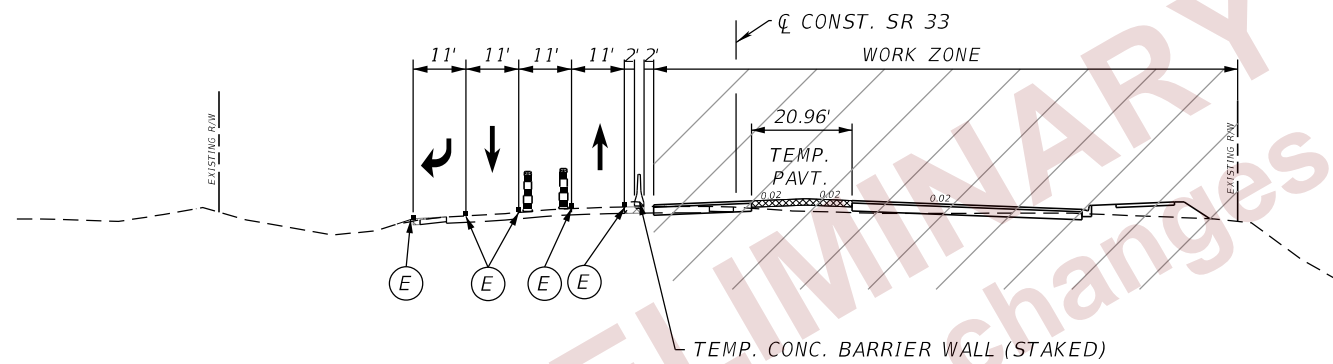
CRITICAL SECTIONS
PHASE II - STAGE 2

TEMPORARY TRAFFIC
CONTROL PLANS (42)

2/28/2024 7:31:37 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	322





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CRITICAL SECTION - PHASE II - STAGE 2

Q CONST. SR 33
STA. 3363+00

PAVEMENT MARKING LEGEND

-  TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
-  TEMPORARY PAVEMENT CURRENT PHASE
-  TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  CHANNELIZING DEVICES (INDEX 102-600)

**CRITICAL SECTIONS
PHASE II - STAGE 2**



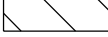




**TEMPORARY TRAFFIC
CONTROL PLANS (43)**

2/28/2024 7:31:38 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\CTRD01.dgn

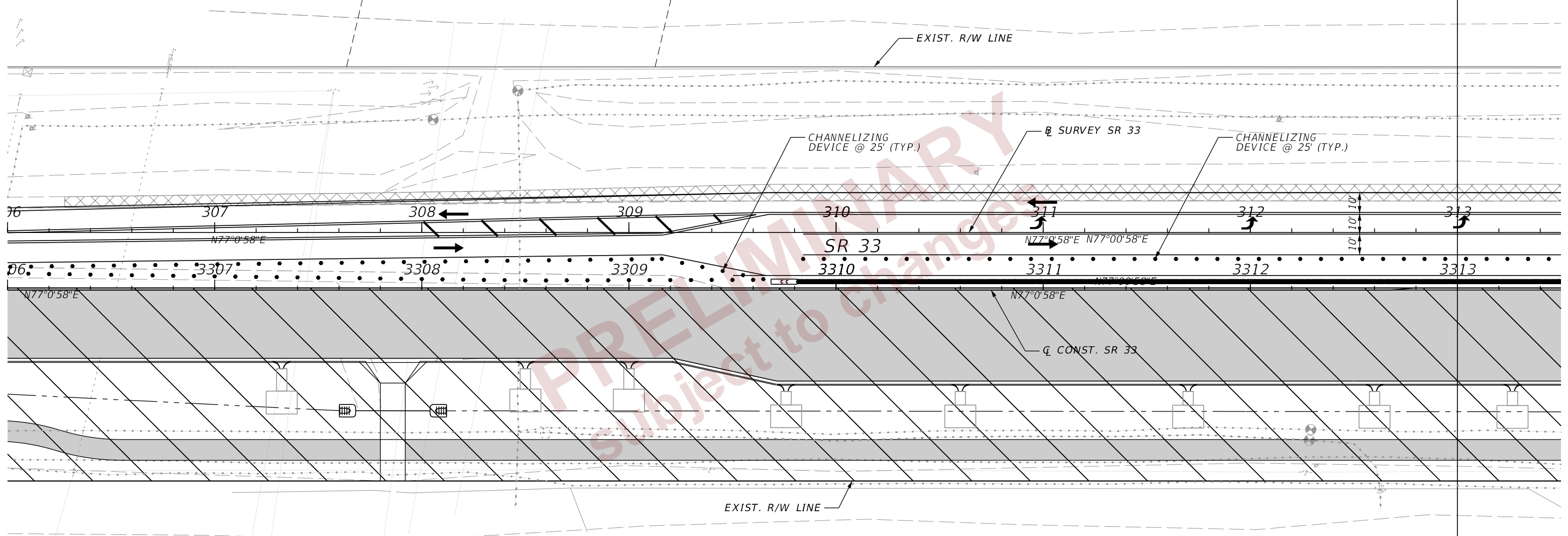
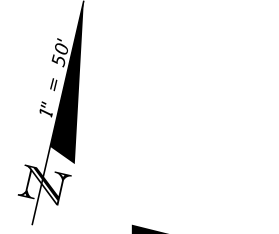
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

323

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS STEP)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS STEP)

NOTE:
1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.




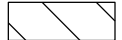









PHASE II - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (44)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		324
								SR 33		

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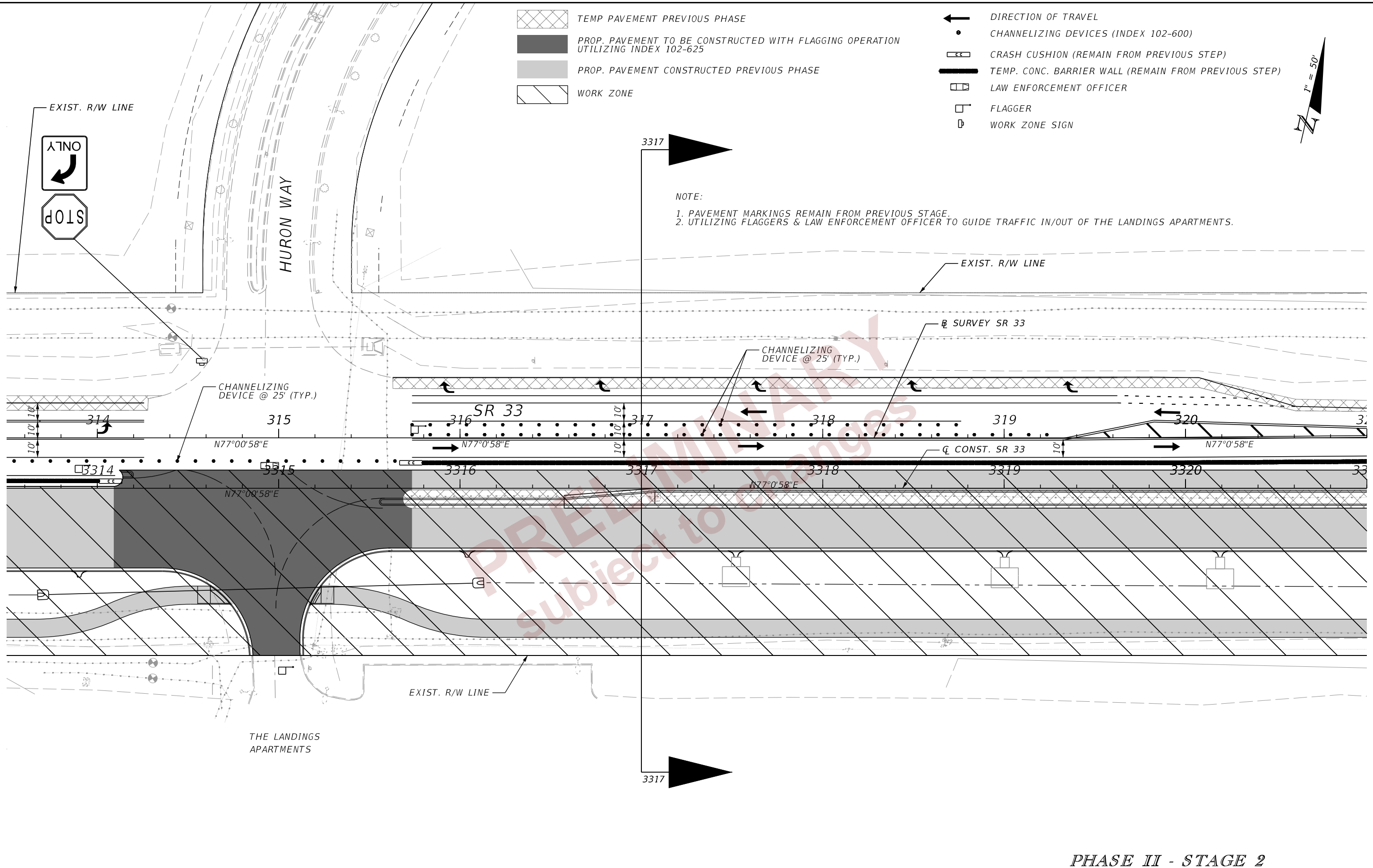
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT TO BE CONSTRUCTED WITH FLAGGING OPERATION UTILIZING INDEX 102-625
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE

-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS STEP)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS STEP)
-  LAW ENFORCEMENT OFFICER
-  FLAGGER
-  WORK ZONE SIGN



NOTE:
 1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.
 2. UTILIZING FLAGGERS & LAW ENFORCEMENT OFFICER TO GUIDE TRAFFIC IN/OUT OF THE LANDINGS APARTMENTS.





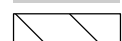








PHASE II - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 325
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

2/28/2024 7:32:00 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\CLR\RD01_P252.dgn

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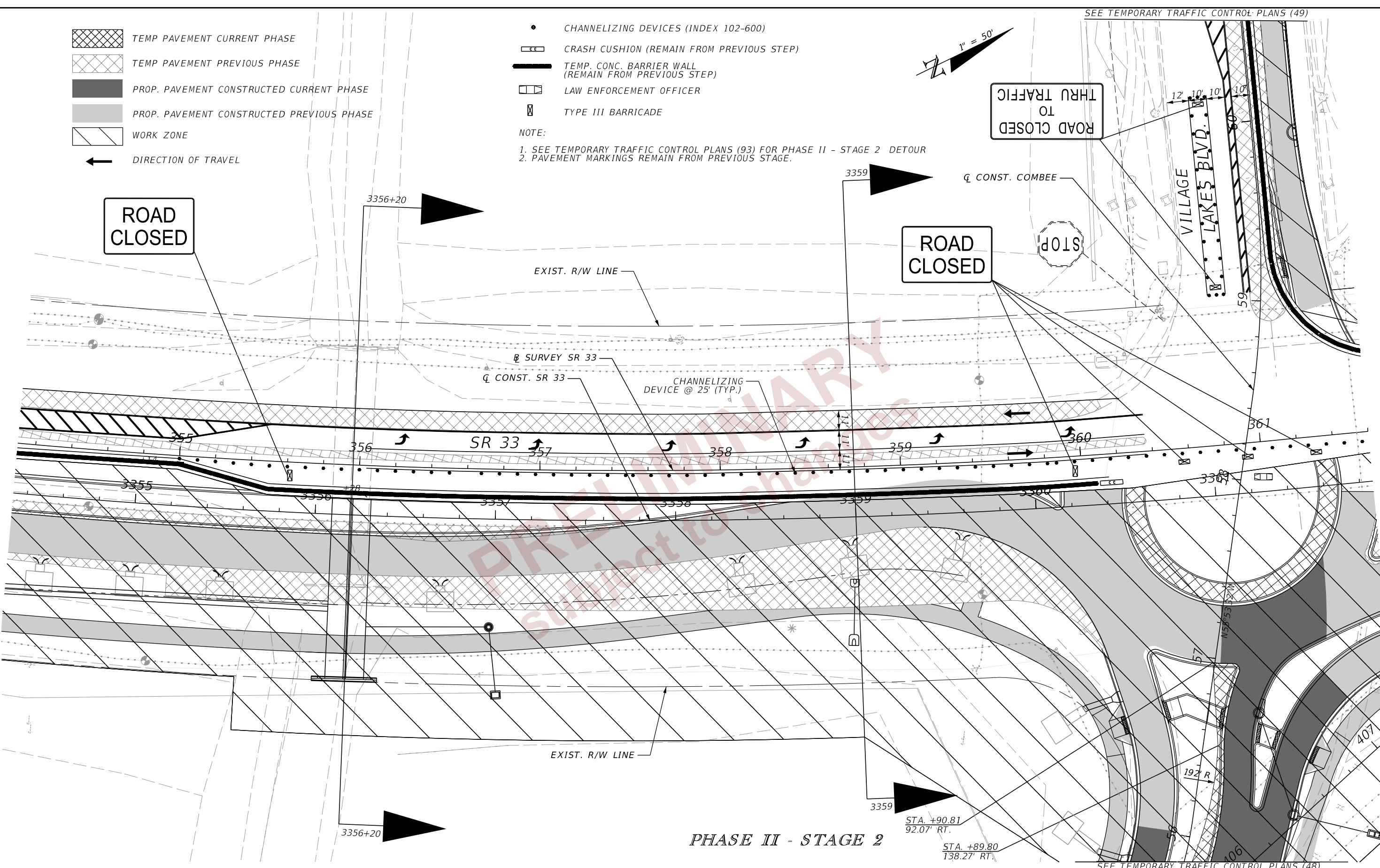
-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL

-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS STEP)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS STEP)
-  LAW ENFORCEMENT OFFICER
-  TYPE III BARRICADE

NOTE:
 1. SEE TEMPORARY TRAFFIC CONTROL PLANS (93) FOR PHASE II - STAGE 2 DETOUR
 2. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.

1" = 50'

SEE TEMPORARY TRAFFIC CONTROL PLANS (49)



PHASE II - STAGE 2




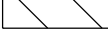




STA. +90.81
92.07' RT.
 STA. +89.80
138.27' RT.

SEE TEMPORARY TRAFFIC CONTROL PLANS (48)

2/28/2024 7:32:04 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33_Roadway\TCP\TLRD01_P151.dgn

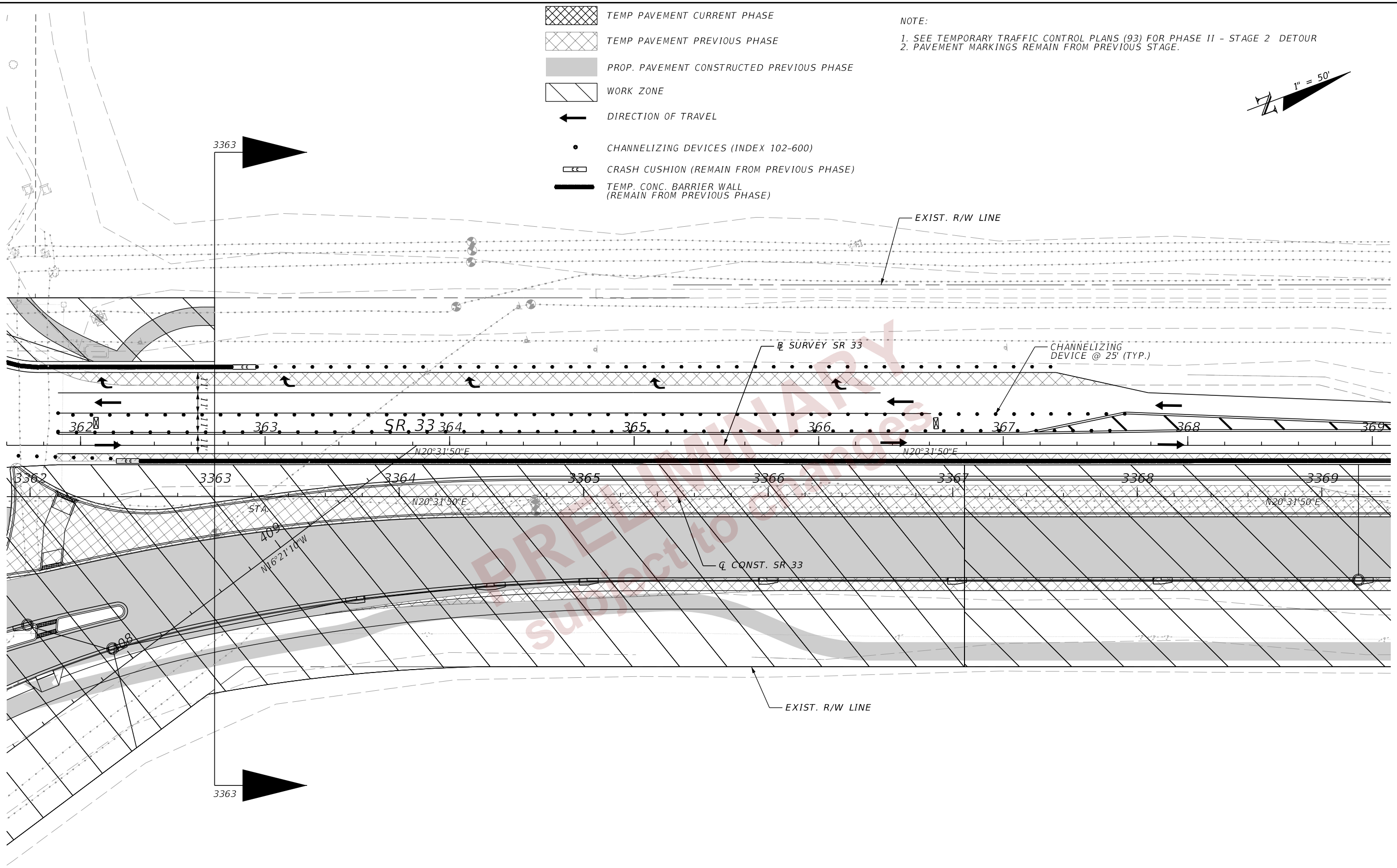
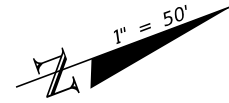
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (46)	SHEET NO. 326
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS PHASE)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS PHASE)

NOTE:

1. SEE TEMPORARY TRAFFIC CONTROL PLANS (93) FOR PHASE II - STAGE 2 DETOUR
2. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.

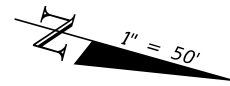


PHASE II - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (47)	SHEET NO. 327
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

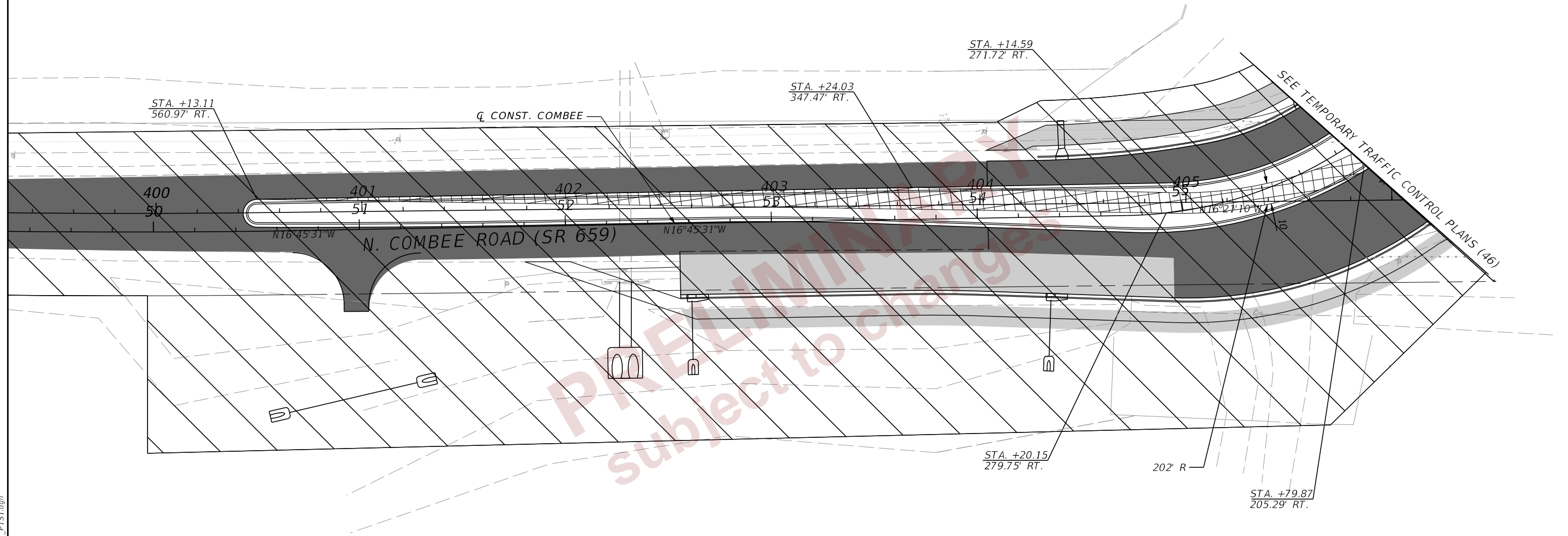
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- TEMP PAVEMENT CURRENT PHASE
- PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
- PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
- WORK ZONE

NOTE:
 1. SEE PHASE II - STAGE 2 DETOUR PLAN.
 2. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.



**PHASE II - STAGE 2
 N. COMBEE RD (SR 659)**

**TEMPORARY TRAFFIC
 CONTROL PLANS (48)**

2/28/2024 7:32:11 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TCPLRD01_P1S1.dgn

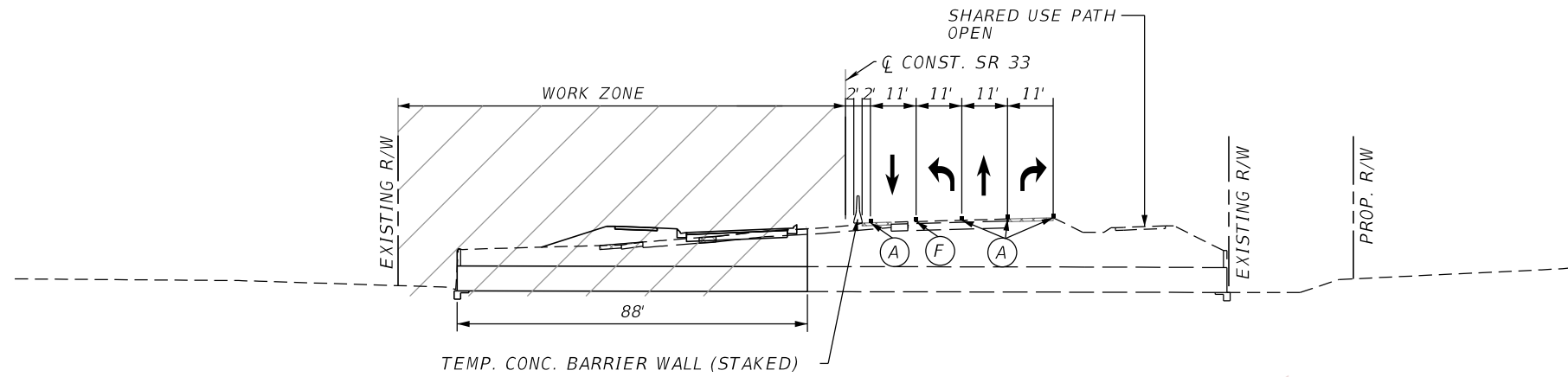
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLÉ, INC.
 1800 PEMBROOK DRIVE SUITE 265
 ORLANDO, FL 32810

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

SHEET NO.
328

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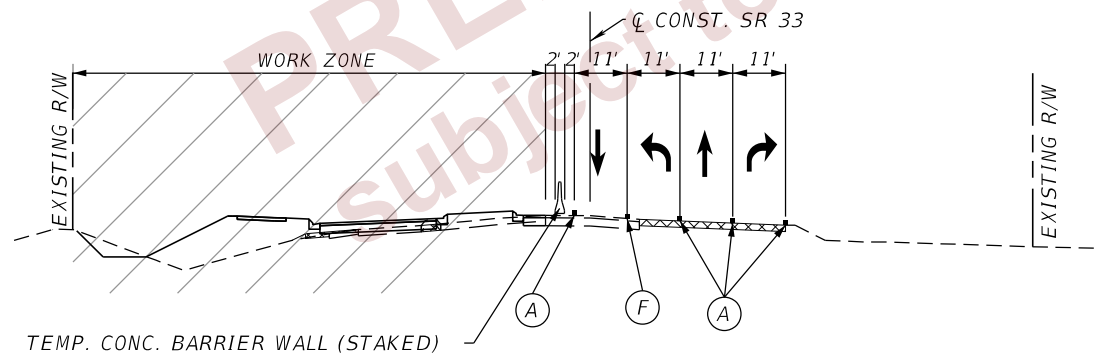


CRITICAL SECTION @ BRIDGE CULVERT- PHASE III - STAGE 1

**Q CONST. SR 33
STA. 3356+20**

PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (F) 6" SOLID DOUBLE YELLOW
- [Cross-hatched box] TEMPORARY PAVEMENT CURRENT PHASE
- [Diagonal hatched box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE



CRITICAL SECTION - PHASE III - STAGE 1

**Q CONST. SR 33
STA. 3359+00**

**CRITICAL SECTIONS
PHASE III - STAGE 1**

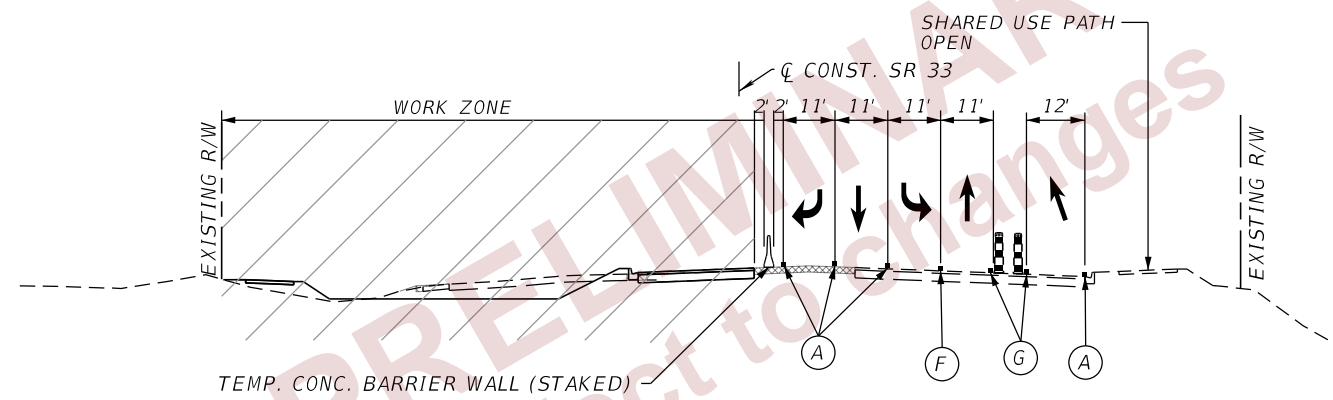
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**TEMPORARY TRAFFIC
CONTROL PLANS (51)**

331



PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (F) 6" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT MARKING
- (G) 8" SOLID WHITE TEMPORARY PAVEMENT MARKING
- [Hatched Box] TEMPORARY PAVEMENT CURRENT PHASE
- [Cross-hatched Box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- [Vertical Line with Dots] CHANNELIZING DEVICES (INDEX 102-600)

CRITICAL SECTION - PHASE III - STAGE 1

CL CONST. SR 33
STA. 3363+00

**CRITICAL SECTIONS
PHASE III - STAGE 1**

2/28/2024 7:32:38 PM day P:\ORD_FDOT\Work\5615\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

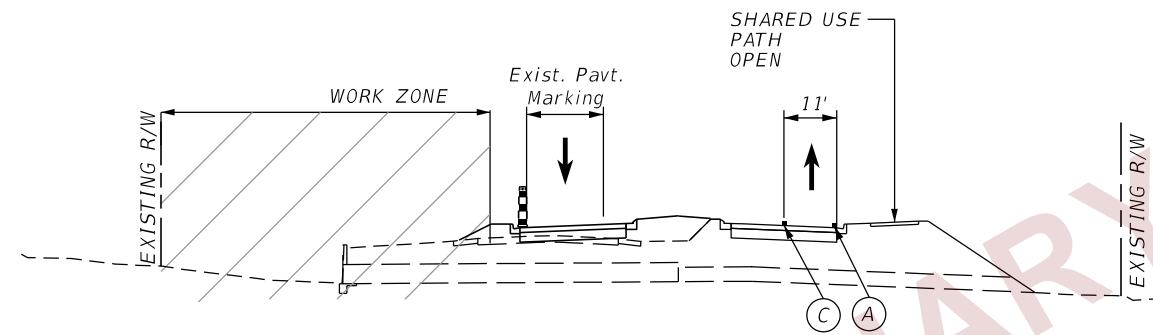
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**TEMPORARY TRAFFIC
CONTROL PLANS (52)**

PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (F) 6" SOLID DOUBLE YELLOW



PRELIMINARY
 Subject to changes

CRITICAL SECTION - PHASE III - STAGE 1





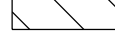


Q CONST. SR 33
 STA. 3394+78.98

*CRITICAL SECTIONS
 PHASE III - STAGE 1*

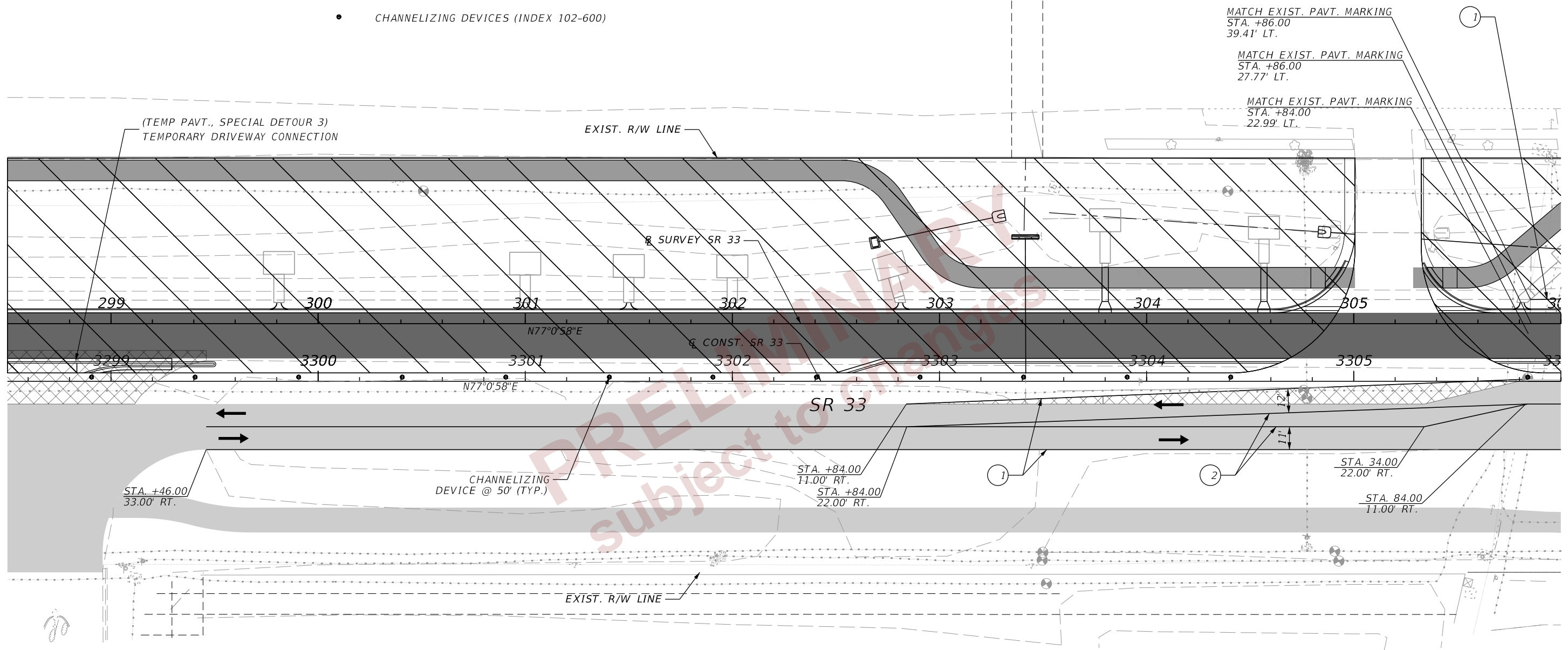
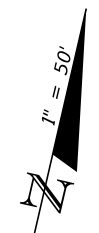
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>TEMPORARY TRAFFIC CONTROL PLANS (53)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		333
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C



MATCH EXIST. PAVT. MARKING
STA. +86.00
39.41' LT.

MATCH EXIST. PAVT. MARKING
STA. +86.00
27.77' LT.

MATCH EXIST. PAVT. MARKING
STA. +84.00
22.99' LT.

(TEMP PAVT., SPECIAL DETOUR 3)
TEMPORARY DRIVEWAY CONNECTION

EXIST. R/W LINE

SURVEY SR 33

CONST. SR 33

SR 33

CHANNELIZING
DEVICE @ 50' (TYP.)

STA. +46.00
33.00' RT.

STA. +84.00
11.00' RT.

STA. +84.00
22.00' RT.

STA. 34.00
22.00' RT.

STA. 84.00
11.00' RT.

EXIST. R/W LINE

PHASE III - STAGE 1

2/28/2024 7:32:57 PM day P:\ORD_FDOT_Works\615\FDOT\43018545201-SR33-Roadway\TCP\TCPLR001_P151.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLE, INC.
 1800 PEMBROOK DRIVE SUITE 265
 ORLANDO, FL 32810

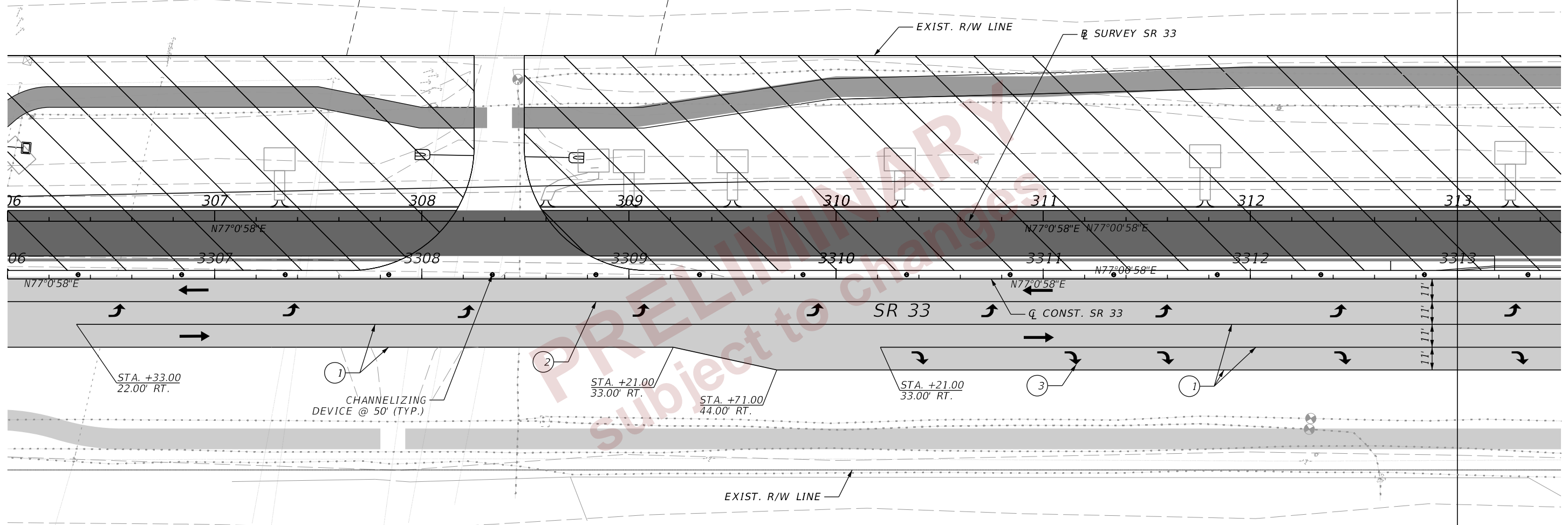
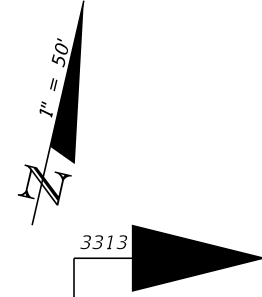
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

TEMPORARY TRAFFIC
CONTROL PLANS (54)

SHEET
NO.
334

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- PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
 - SHARED USE PATH CONSTRUCTED CURRENT PHASE
 - PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
 - WORK ZONE
 - DIRECTION OF TRAVEL
 - CHANNELIZING DEVICES (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
 - ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
 - ③ TYPICAL WHITE DIRECTIONAL ARROWS













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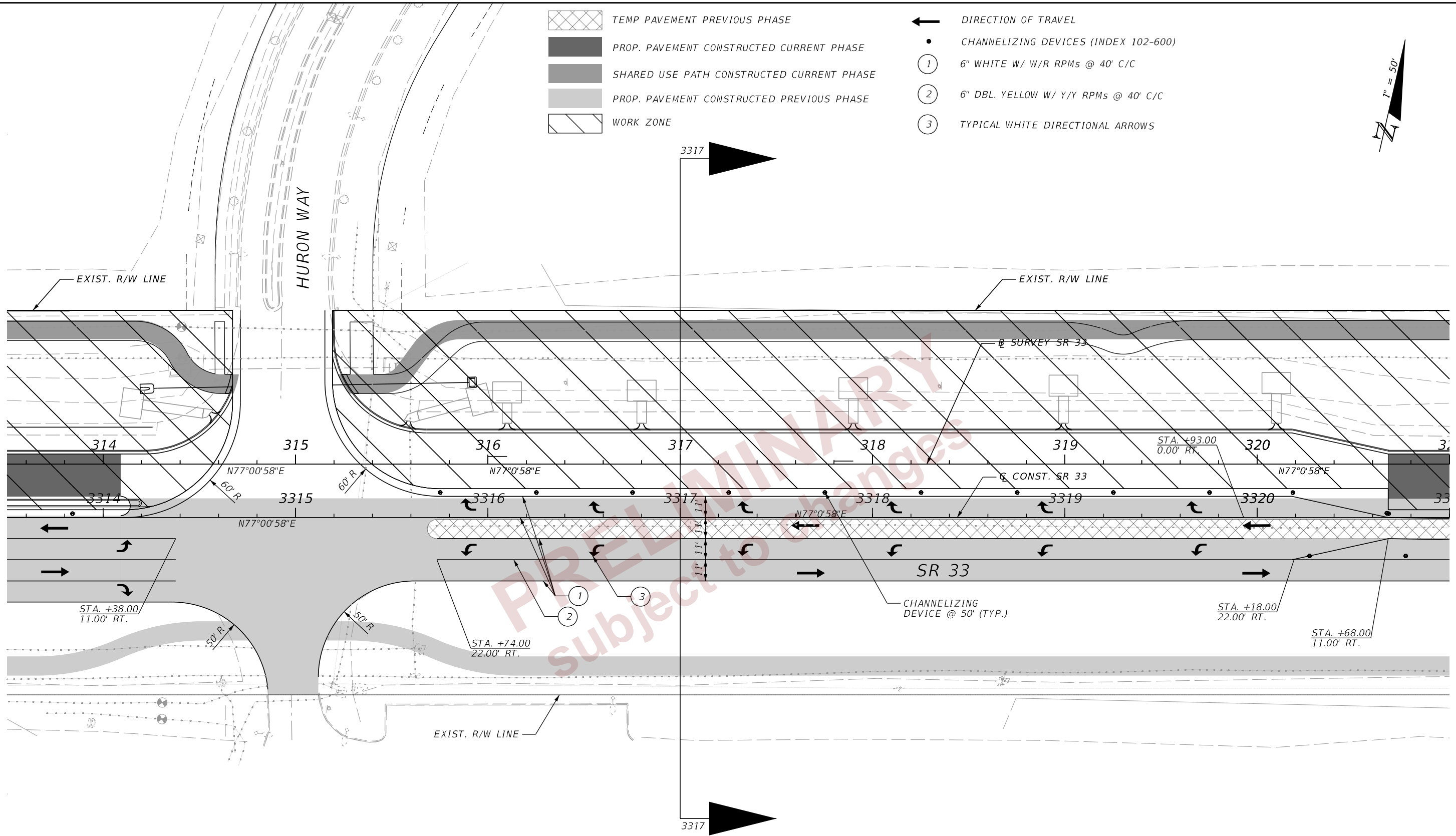
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (55)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		335
						SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE

-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
-  3 TYPICAL WHITE DIRECTIONAL ARROWS






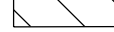


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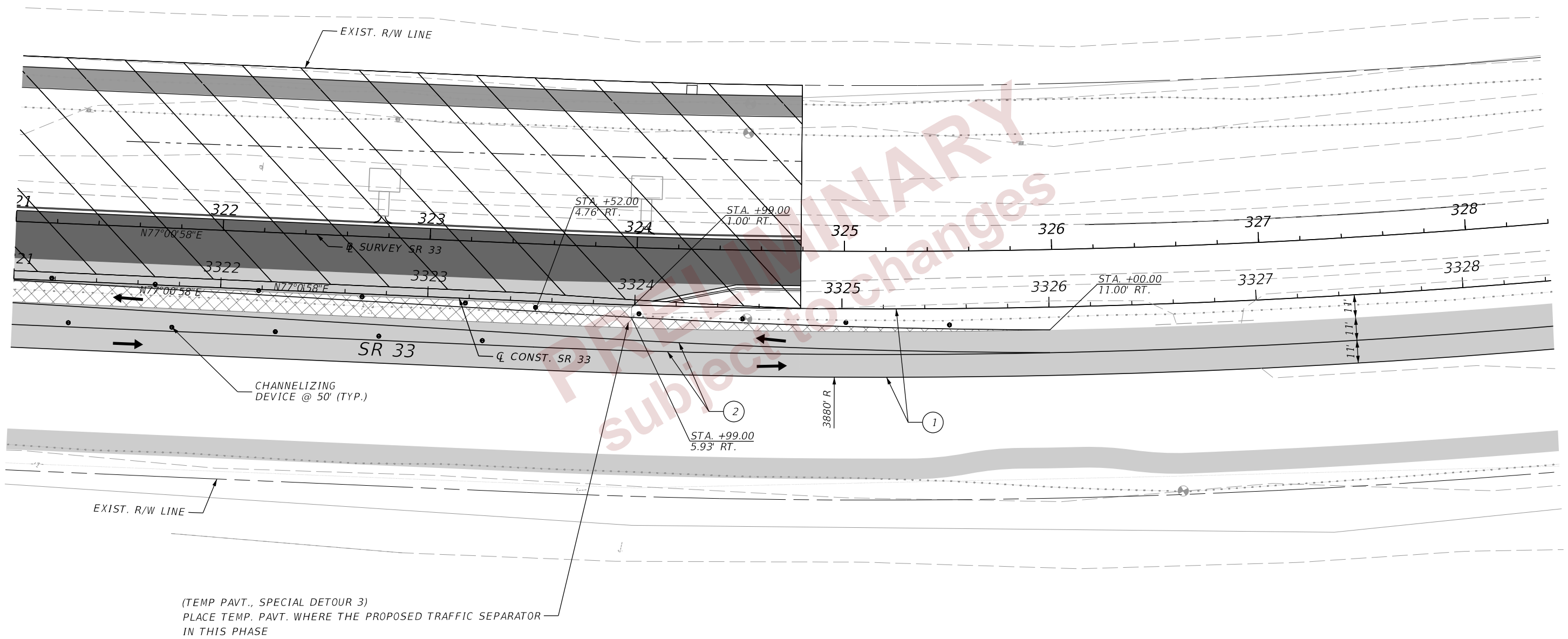
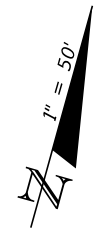
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PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (56)	SHEET NO. 336
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL

- CHANNELIZING DEVICES (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C










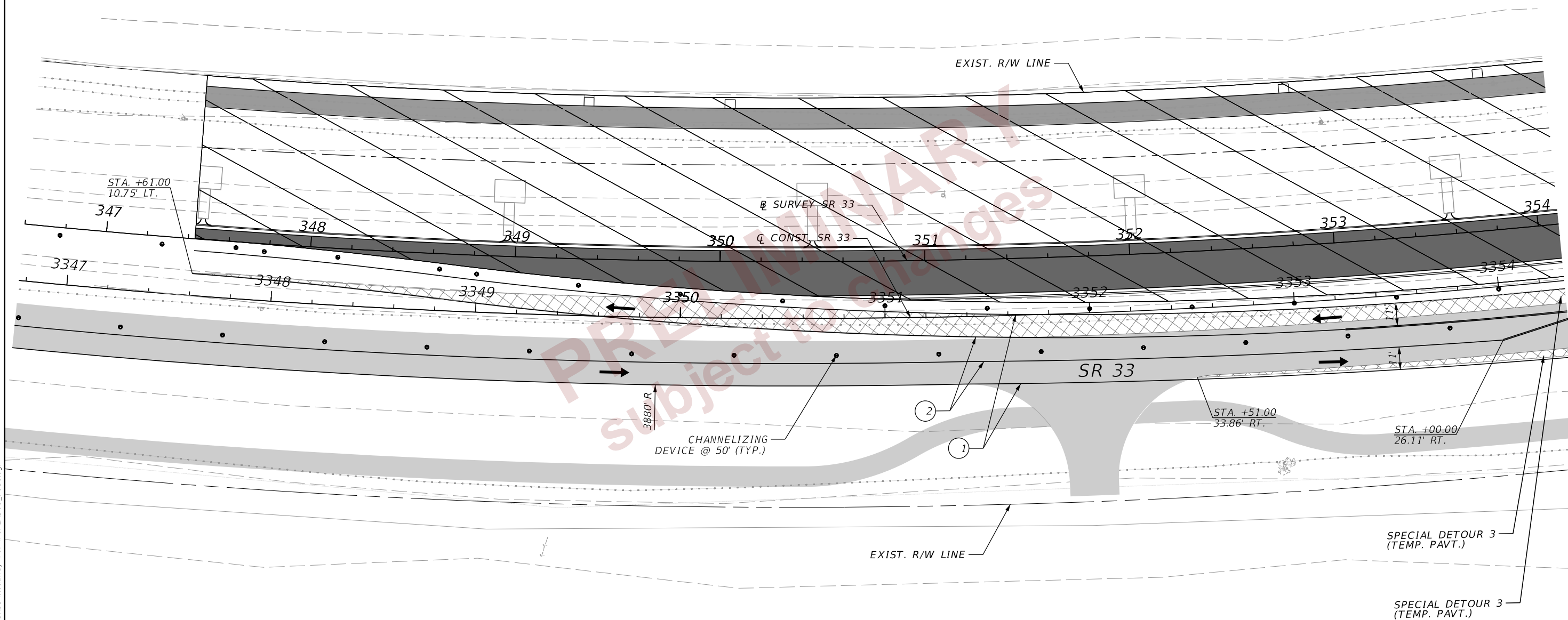
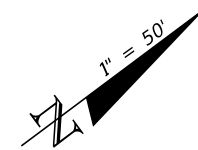
PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (57)	SHEET NO. 337
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

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-  TEMP PAVEMENT PREVIOUS PHASE
 -  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
 -  SHARED USE PATH CONSTRUCTED CURRENT PHASE
 -  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
 -  WORK ZONE
 -  DIRECTION OF TRAVEL
 -  CHANNELIZING DEVICES (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
 - ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C






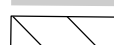






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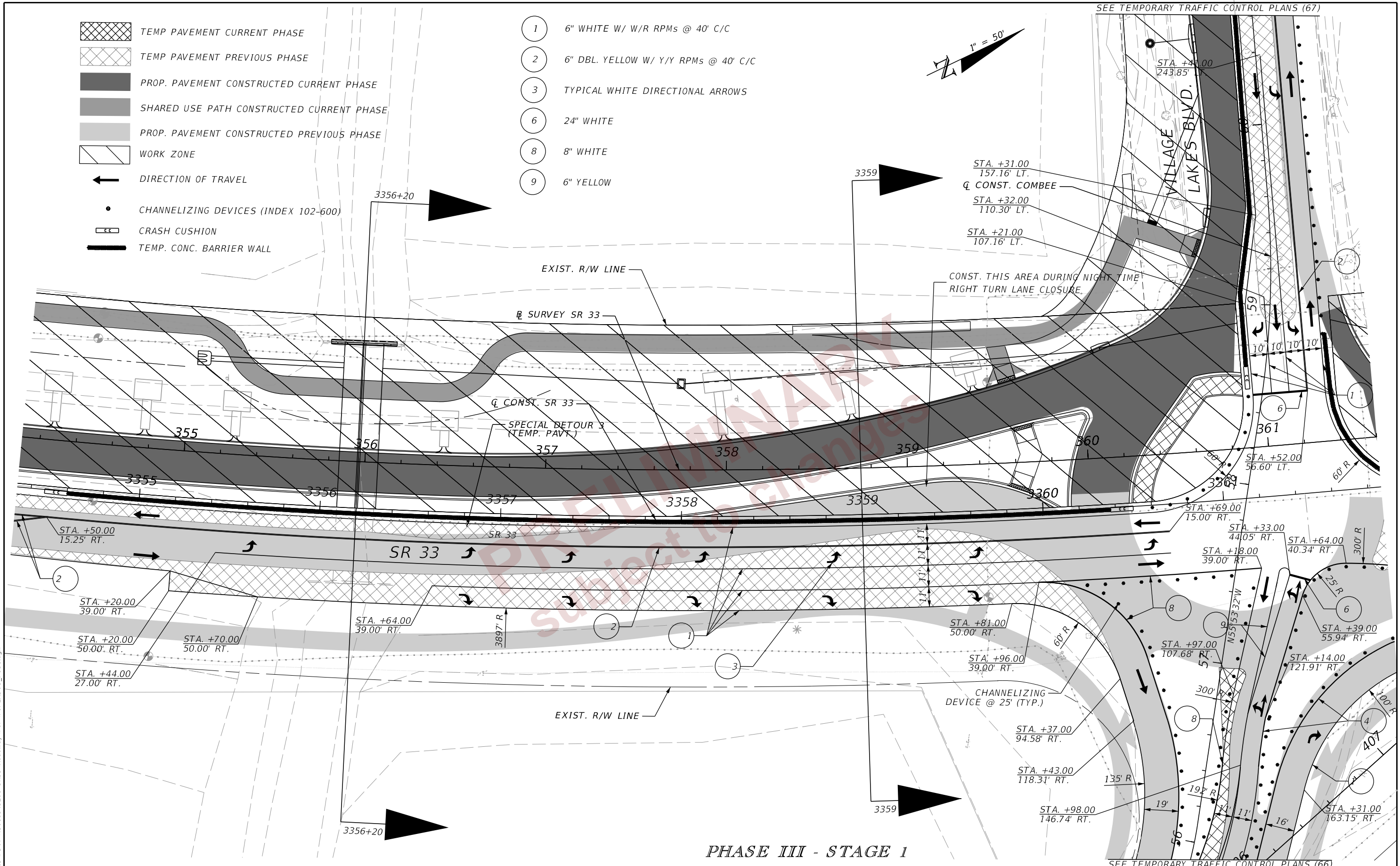
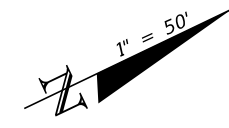
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PHASE III - STAGE 1
TEMPORARY TRAFFIC CONTROL PLANS (58)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 338
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 33	POLK	430185-4-52-01		

-  TEMP PAVEMENT CURRENT PHASE
-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- 1 6" WHITE W/ W/R RPMs @ 40' C/C
- 2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- 3 TYPICAL WHITE DIRECTIONAL ARROWS
- 6 24" WHITE
- 8 8" WHITE
- 9 6" YELLOW



PHASE III - STAGE 1





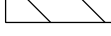




SEE TEMPORARY TRAFFIC CONTROL PLANS (67)

SEE TEMPORARY TRAFFIC CONTROL PLANS (66)

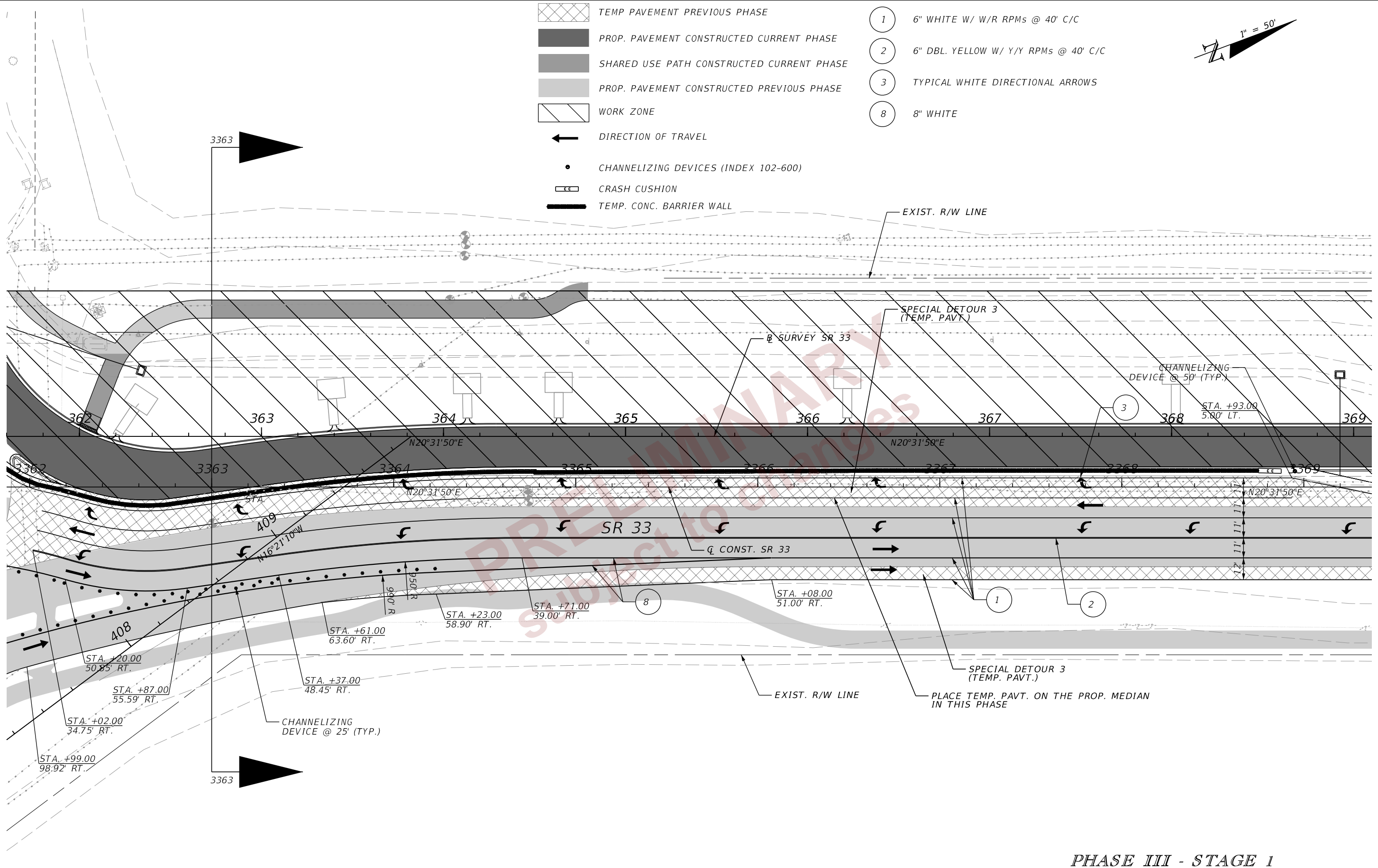
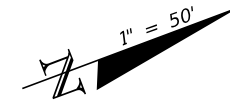
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 339
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL

- 1 6" WHITE W/ W/R RPMs @ 40' C/C
- 2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- 3 TYPICAL WHITE DIRECTIONAL ARROWS
- 8 8" WHITE











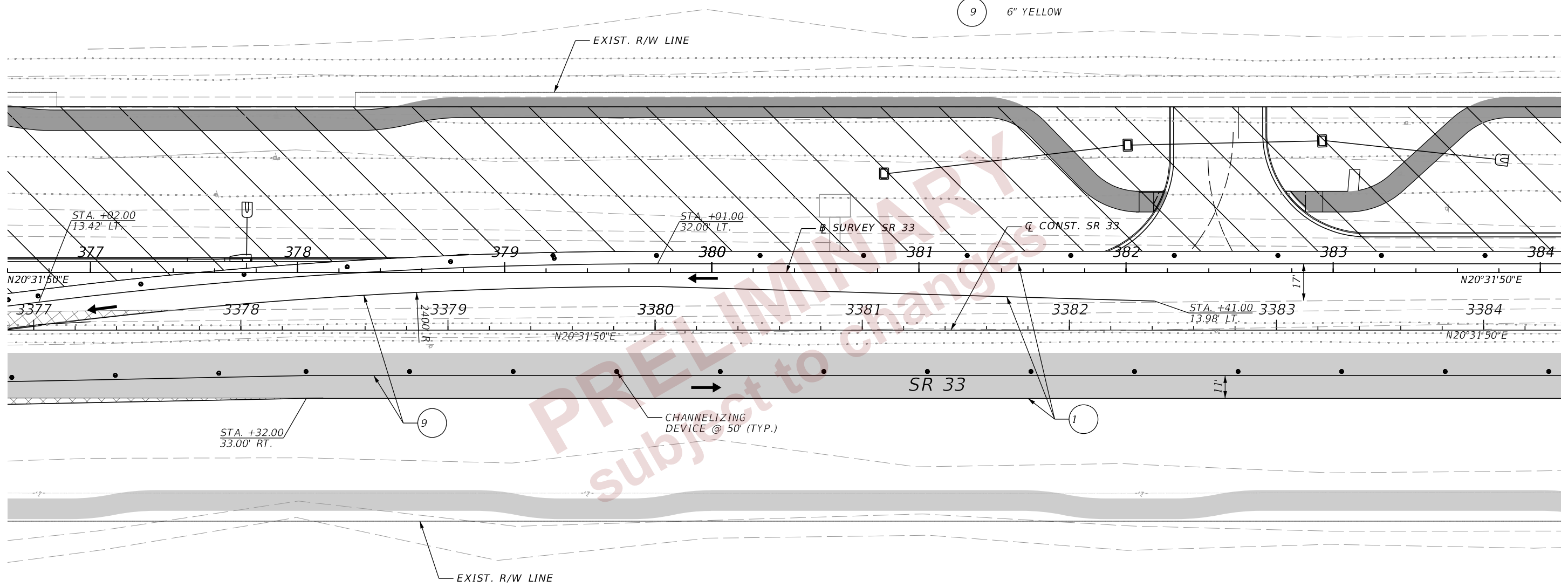
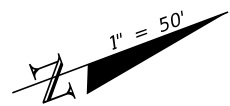
PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	340

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-  TEMP PAVEMENT PREVIOUS PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  9 6" YELLOW










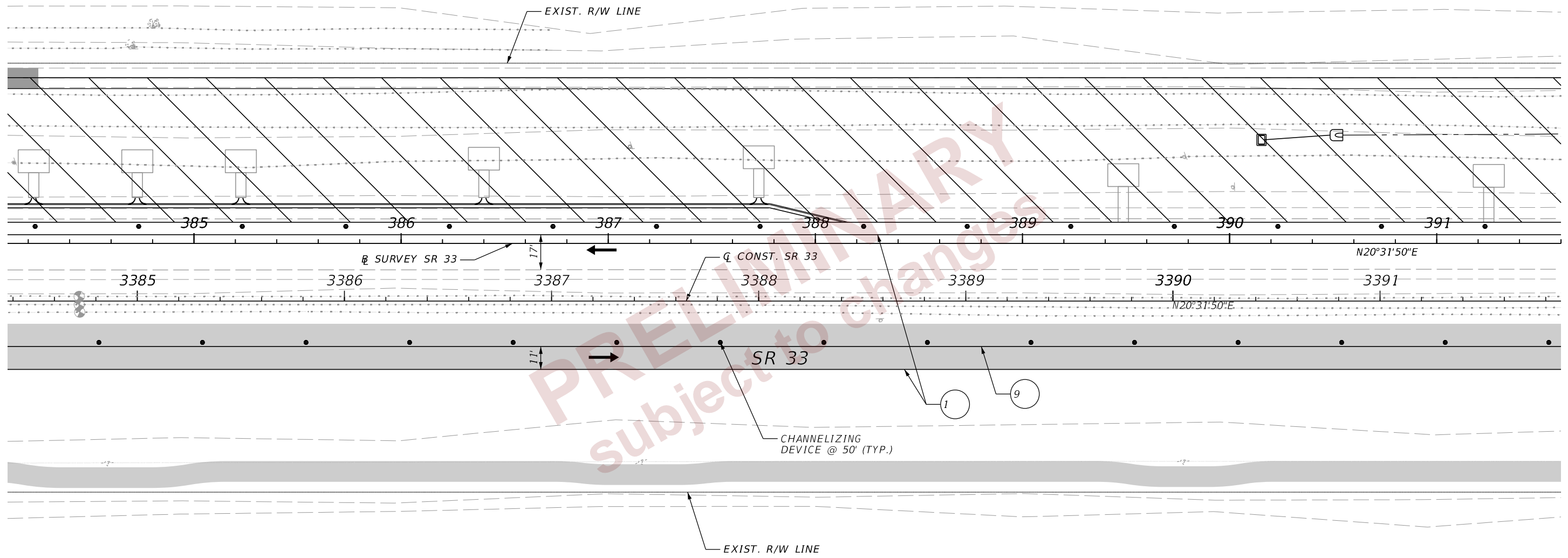
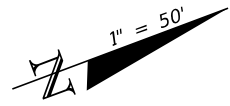
PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	342

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-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  6" WHITE W/ W/R RPMs @ 40' C/C
-  6" YELLOW









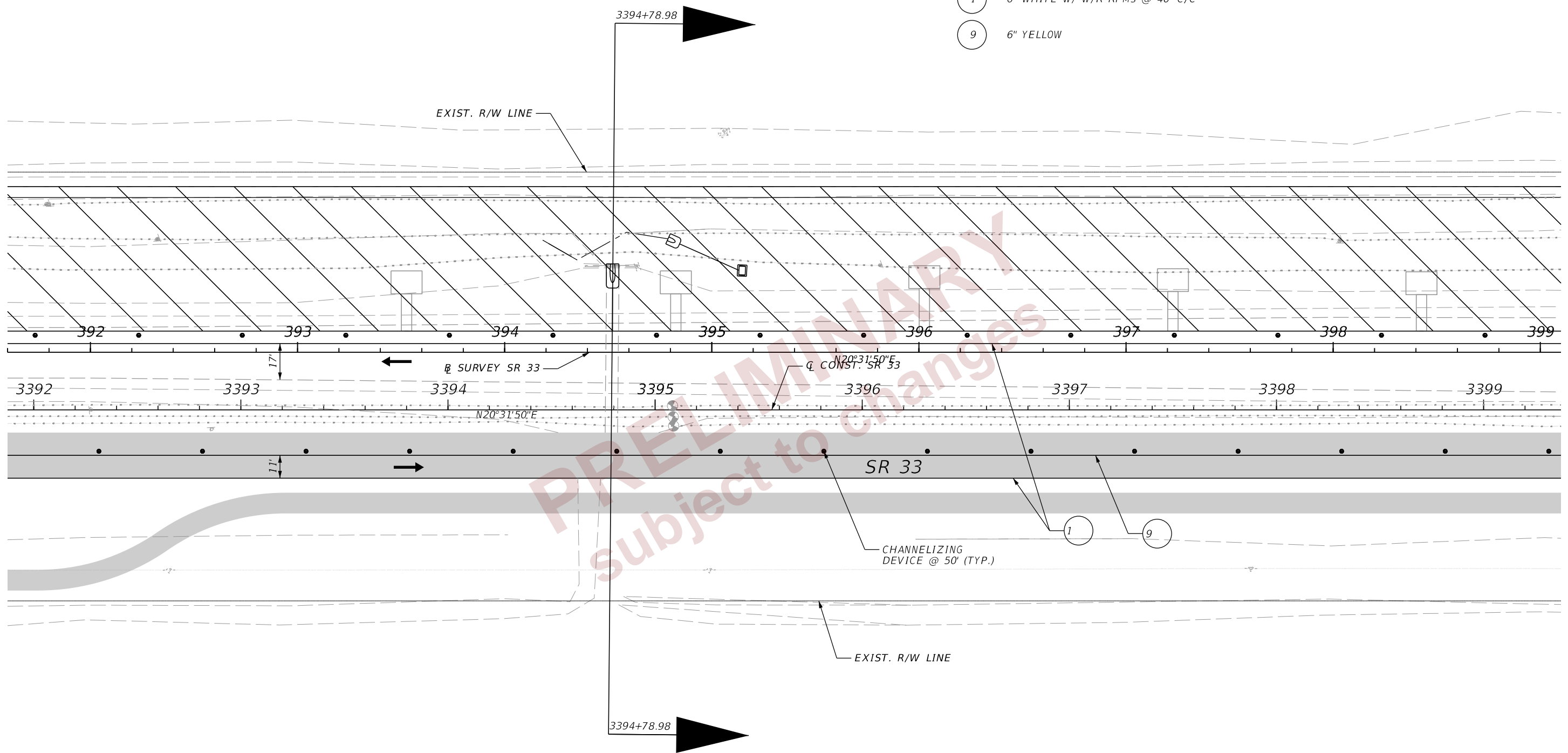
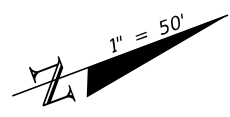
PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	343

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

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  9 6" YELLOW



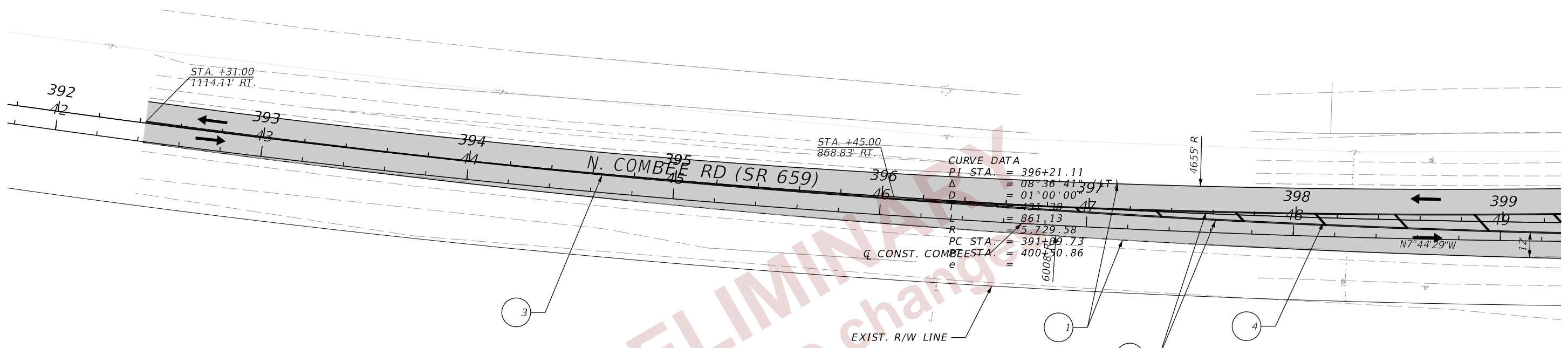
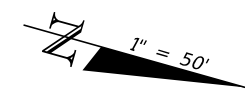
PHASE III - STAGE 1

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (64)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		344
								SR 33		

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- PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
- ← DIRECTION OF TRAVEL
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ③ 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ④ 18" YELLOW














PRELIMINARY
 subject to change

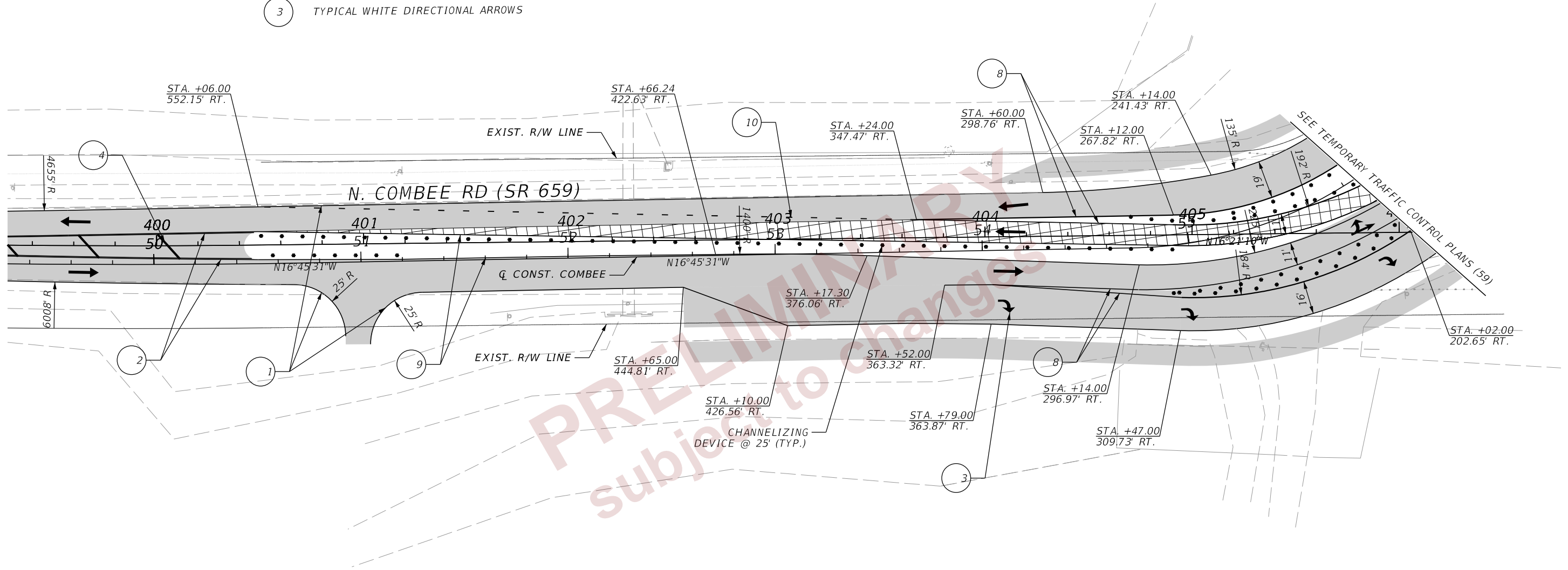
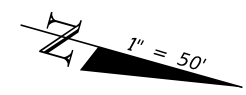
PHASE III - STAGE 1
N. COMBEE RD (SR 659)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (65)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		345
						SR 33	POLK	430185-4-52-01		

2/28/2024 7:33:24 PM day
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

-  TEMP PAVEMENT CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  6" WHITE W/ W/R RPMs @ 40' C/C
-  6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
-  TYPICAL WHITE DIRECTIONAL ARROWS
-  18" YELLOW
-  8" WHITE
-  6" YELLOW
-  6" WHITE, 3'-9" SKIP






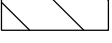







PHASE III - STAGE 1
N. COMBEE RD (SR 659)

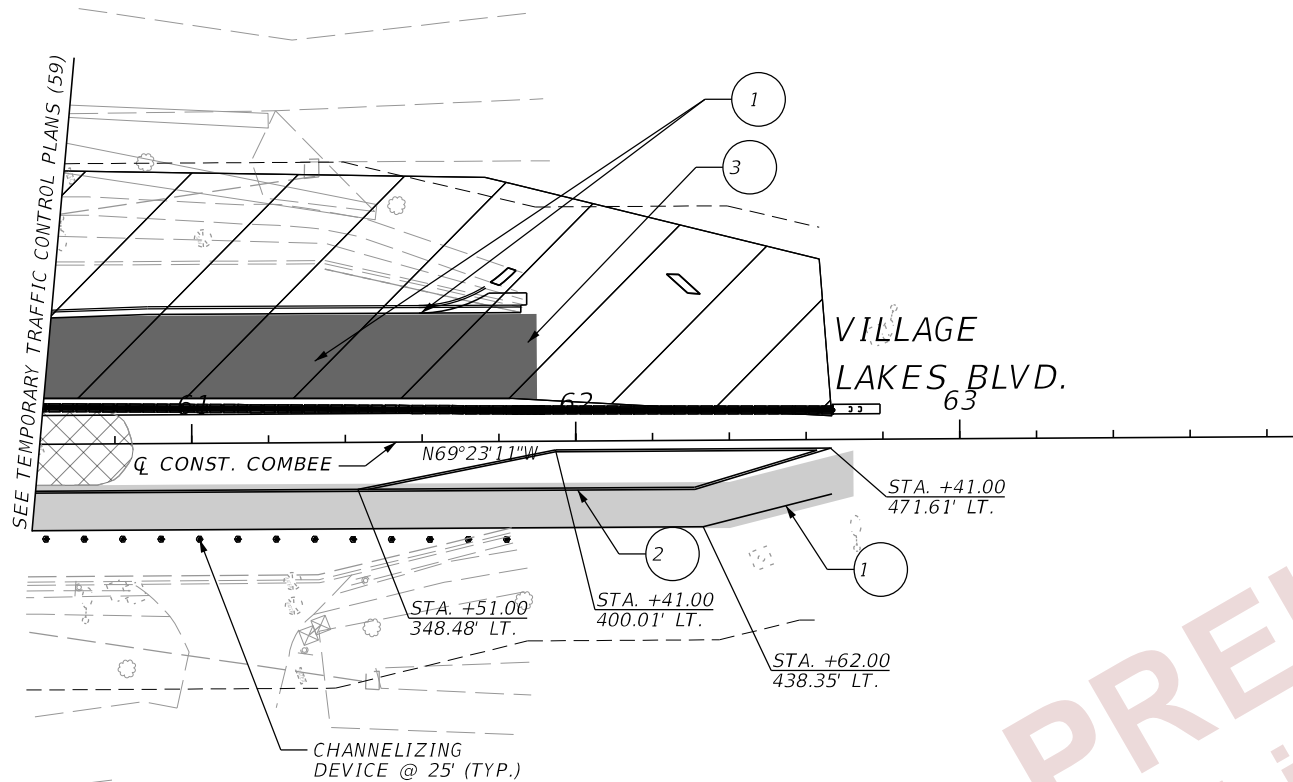
TEMPORARY TRAFFIC CONTROL PLANS (66)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	346

2/28/2024 7:33:25 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TCPLR001_P151.dgn

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

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION
-  TEMP. CONC. BARRIER WALL
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
-  3 TYPICAL WHITE DIRECTIONAL ARROW



PRELIMINARY
 subject to changes

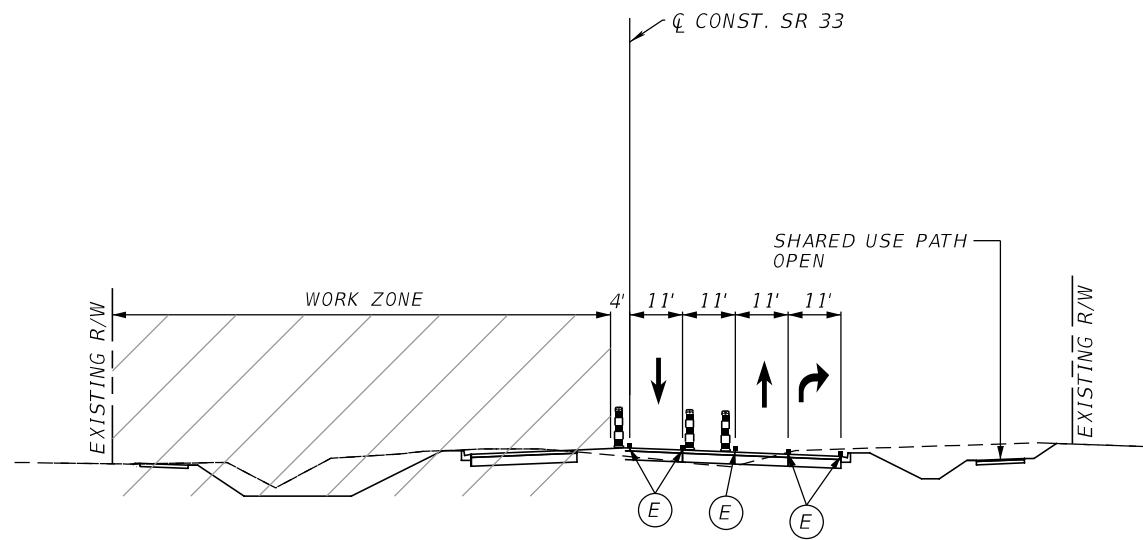
**PHASE III - STAGE 1
VILLAGE LAKES BLVD.**

**TEMPORARY TRAFFIC
CONTROL PLANS (67)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 347
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

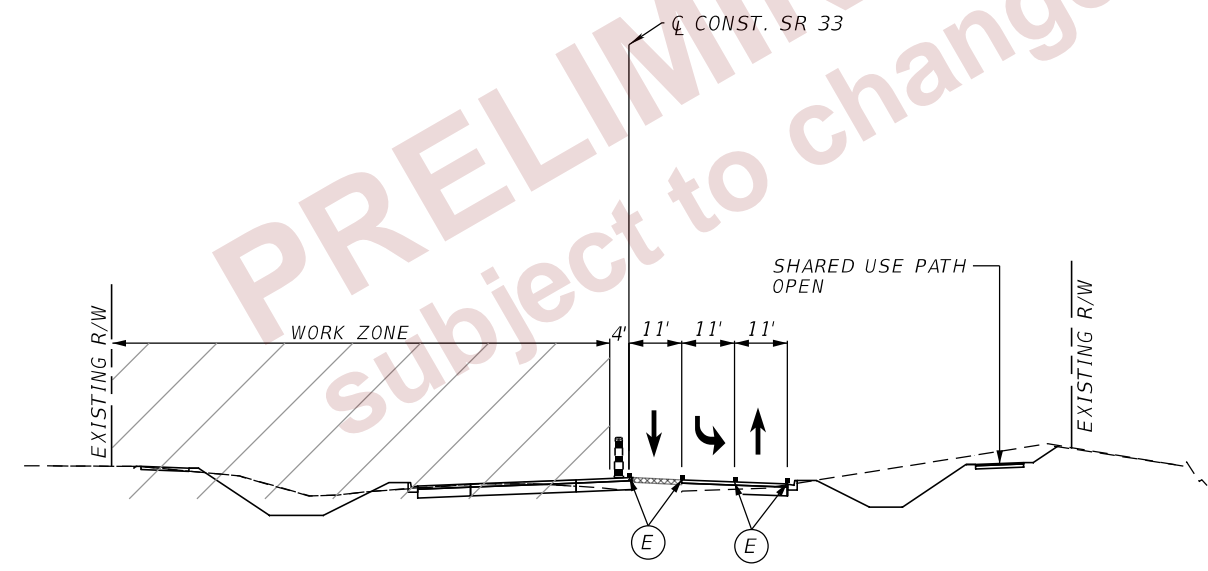
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CRITICAL SECTION - PHASE III - STAGE 2

CL CONST. SR 33
STA. 3313+00



CRITICAL SECTION - PHASE III - STAGE 2

CL CONST. SR 33
STA. 3317+00

PAVEMENT MARKING LEGEND

- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- ▨ TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- ▬ CHANNELIZING DEVICES (INDEX 102-600)

PRELIMINARY
subject to changes

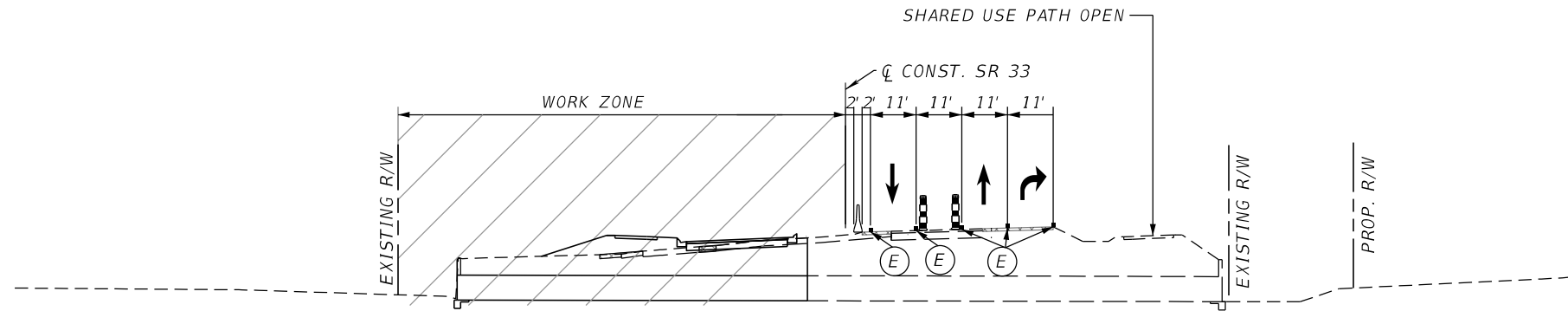
**CRITICAL SECTIONS
PHASE III - STAGE 2**

**TEMPORARY TRAFFIC
CONTROL PLANS (68)**

2/28/2024 7:33:45 PM day c:\pw_working\ocmer-pw-01.dms19858\TCDTRD01.dgn

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

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01	348

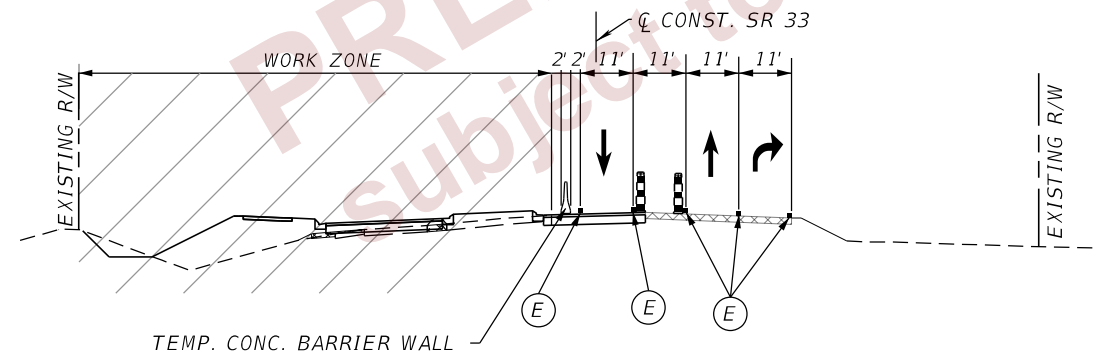


CRITICAL SECTION @ BRIDGE CULVERT- PHASE III - STAGE 2

CL CONST. SR 33
STA. 3356+20

PAVEMENT MARKING LEGEND

- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- [Hatched Box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- [Channelizing Device Symbol] CHANNELIZING DEVICES (INDEX 102-600)



CRITICAL SECTION - PHASE III - STAGE 2

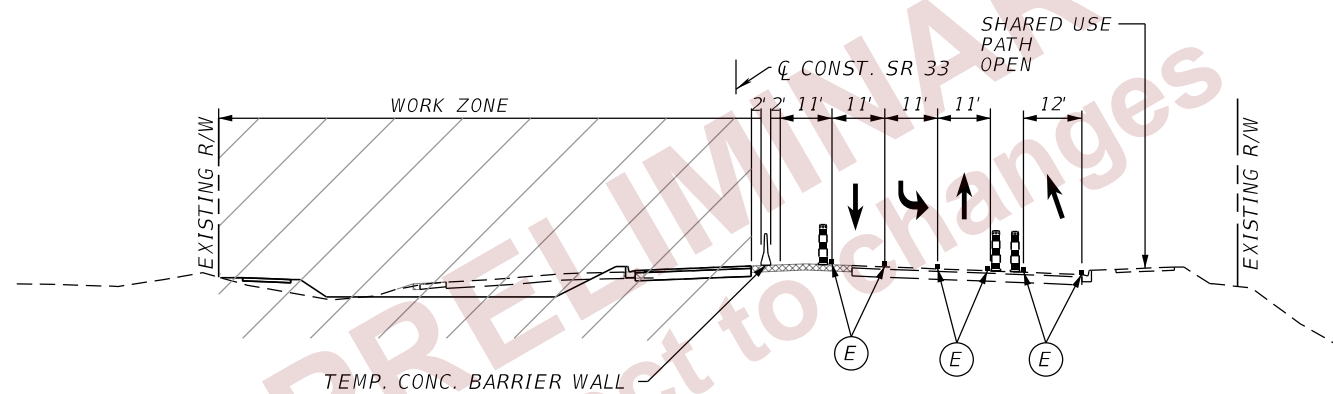
CL CONST. SR 33
STA. 3359+00

**CRITICAL SECTIONS
PHASE III - STAGE 2**

2/28/2024 7:33:45 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

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

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (69)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		349
						SR 33	POLK	430185-4-52-01		



PAVEMENT MARKING LEGEND

- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- [Cross-hatched box] TEMPORARY PAVEMENT CURRENT PHASE
- [Diagonal-hatched box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- [Dashed line] CHANNELIZING DEVICES (INDEX 102-600)

CRITICAL SECTION - PHASE III - STAGE 2

Q CONST. SR 33
STA. 3363+00


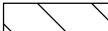




*CRITICAL SECTIONS
PHASE III - STAGE 2*

*TEMPORARY TRAFFIC
CONTROL PLANS (70)*

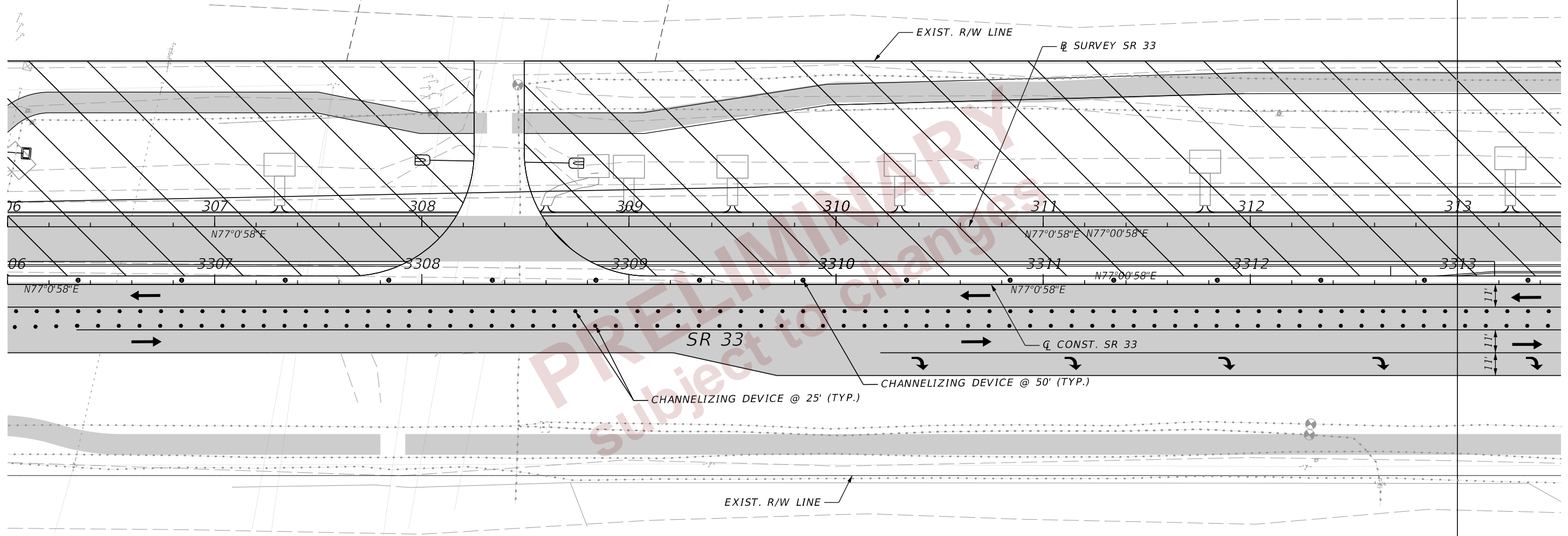
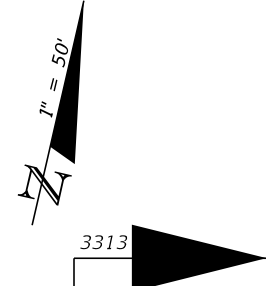
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	POLK

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS STEP)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS STEP)

NOTE:
1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.






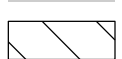
PHASE III - STAGE 2








TEMPORARY TRAFFIC CONTROL PLANS (71)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 351
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

2/28/2024 7:34:04 PM day P:\ORD_FDOT\Work\SR33\FDOT\430185\FDOT\43018545201-SR33_Roadway\TCP\CLR\RD01_P151.dgn

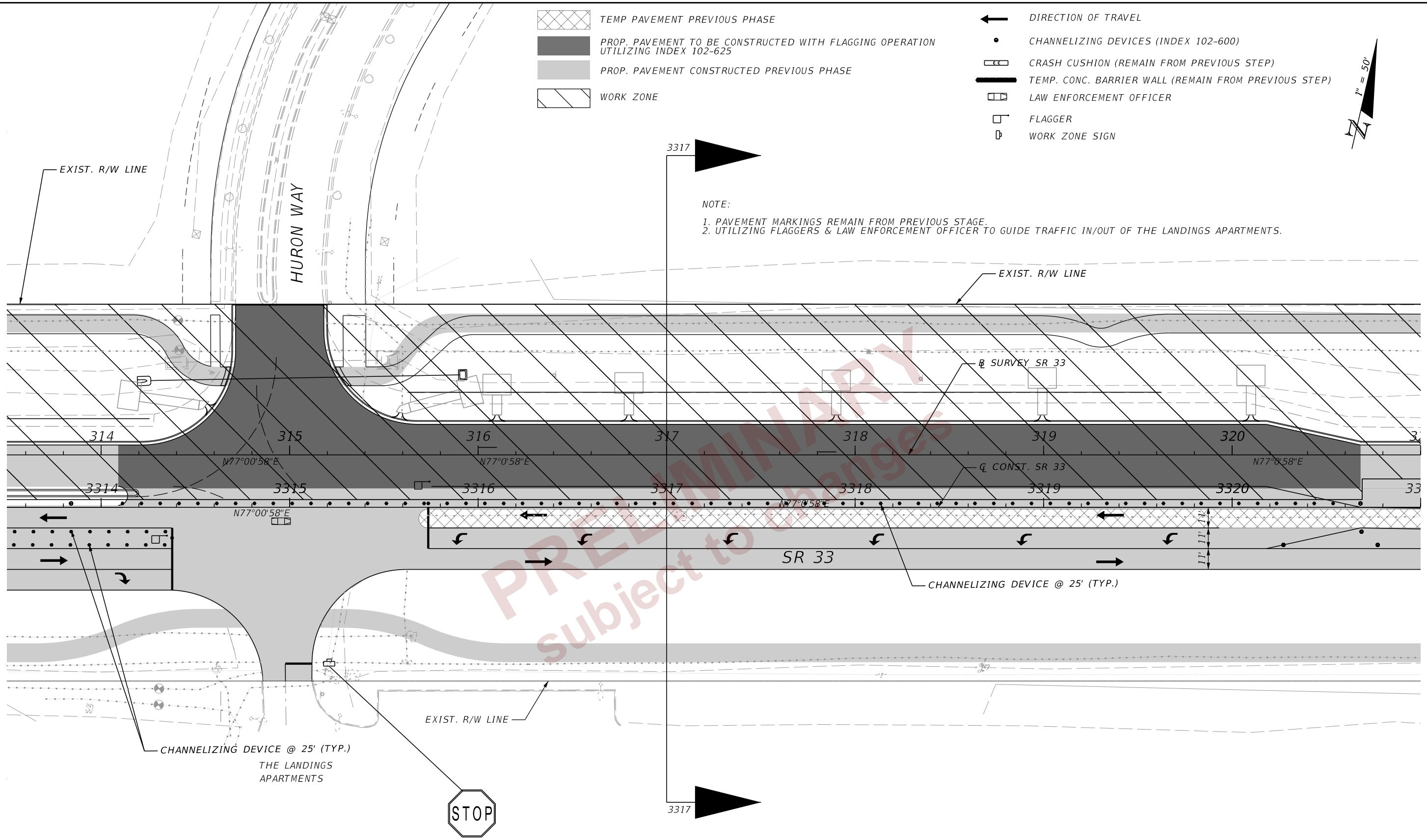
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT TO BE CONSTRUCTED WITH FLAGGING OPERATION UTILIZING INDEX 102-625
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE

-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS STEP)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS STEP)
-  LAW ENFORCEMENT OFFICER
-  FLAGGER
-  WORK ZONE SIGN



NOTE:
 1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.
 2. UTILIZING FLAGGERS & LAW ENFORCEMENT OFFICER TO GUIDE TRAFFIC IN/OUT OF THE LANDINGS APARTMENTS.





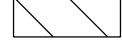








PHASE III - STAGE 2
TEMPORARY TRAFFIC CONTROL PLANS (72)

2/28/2024 7:34:08 PM day P:\ORD_FDOT\Work\5615\FDOT\43018545201-SR33-Roadway\TCP\CLR\RD01_P352.dgn

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

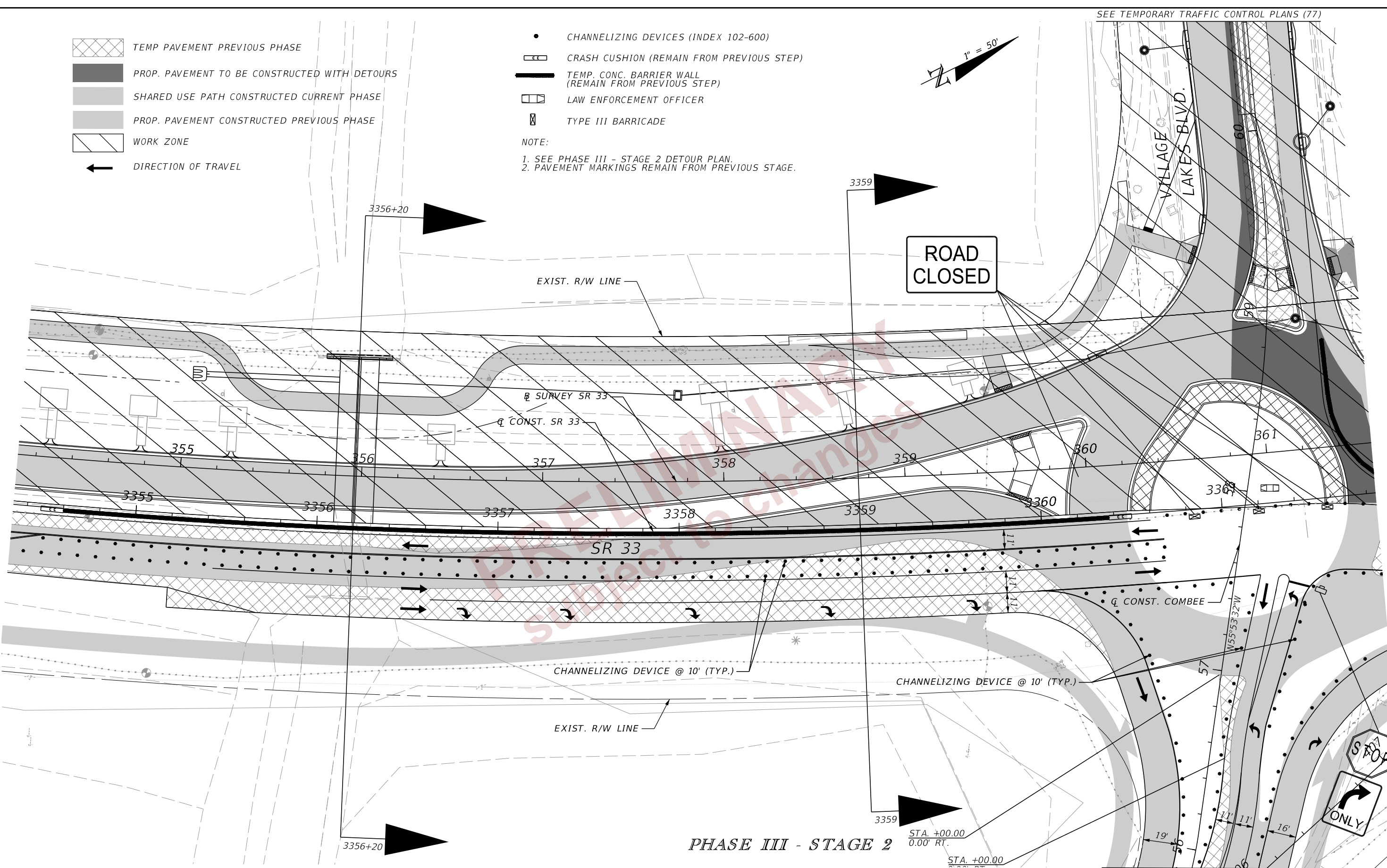
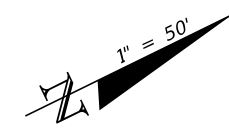
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 352
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT TO BE CONSTRUCTED WITH DETOURS
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL

-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS STEP)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS STEP)
-  LAW ENFORCEMENT OFFICER
-  TYPE III BARRICADE

NOTE:

1. SEE PHASE III - STAGE 2 DETOUR PLAN.
2. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.



PHASE III - STAGE 2

STA. +00.00
0.00' RT.
STA. +00.00

2/28/2024 7:34:11 PM day P:\ORD_FDOT_Works\61561\FDOT_43018545201-SR33_Roadway\TCP\CLR001_P151.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION





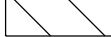

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLÉ, INC.
 1800 PEMBROOK DRIVE SUITE 265
 ORLANDO, FL 32810




STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

TEMPORARY TRAFFIC CONTROL PLANS (73)

SHEET NO.
353

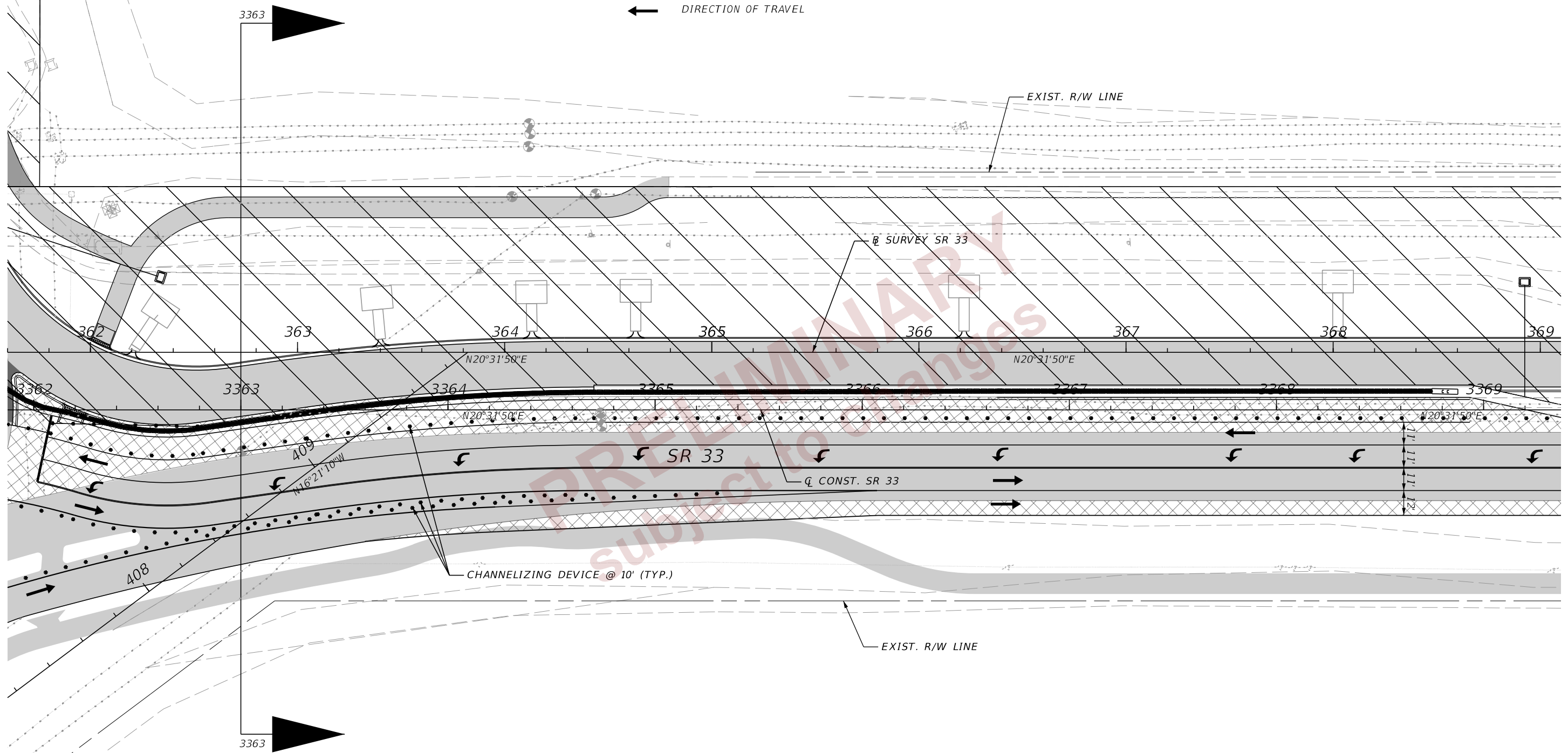
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT TO BE CONSTRUCTED WITH DETOURS
-  SHARED USE PATH CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL

-  CHANNELIZING DEVICES (INDEX 102-600)
-  CRASH CUSHION (REMAIN FROM PREVIOUS PHASE)
-  TEMP. CONC. BARRIER WALL (REMAIN FROM PREVIOUS PHASE)

1" = 50'

NOTE:
 1. SEE PHASE III - STAGE 2 DETOUR PLAN.
 2. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.



PHASE III - STAGE 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLÉ, INC.
 1800 PEMBROOK DRIVE SUITE 265
 ORLANDO, FL 32810

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

TEMPORARY TRAFFIC CONTROL PLANS (74)

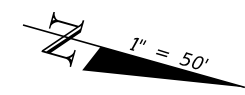
SHEET NO.
354

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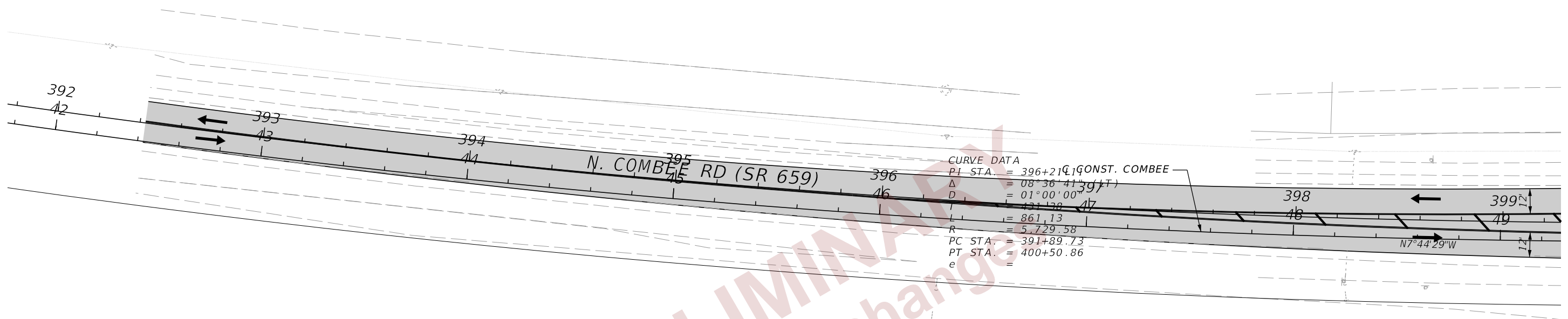
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE

DIRECTION OF TRAVEL



NOTE:
1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.



CURVE DATA
 PI STA. = 396+21.14 (CONST. COMBEE)
 Δ = 08°36'41.39 (PT)
 D = 01°00'00"
 L = 431.38
 L = 861.13
 R = 5,729.58
 PC STA. = 391+89.73
 PT STA. = 400+50.86
 e =

PRELIMINARY
subject to change




PHASE III - STAGE 2
N. COMBEE RD (SR 659)



TEMPORARY TRAFFIC
CONTROL PLANS (75)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	

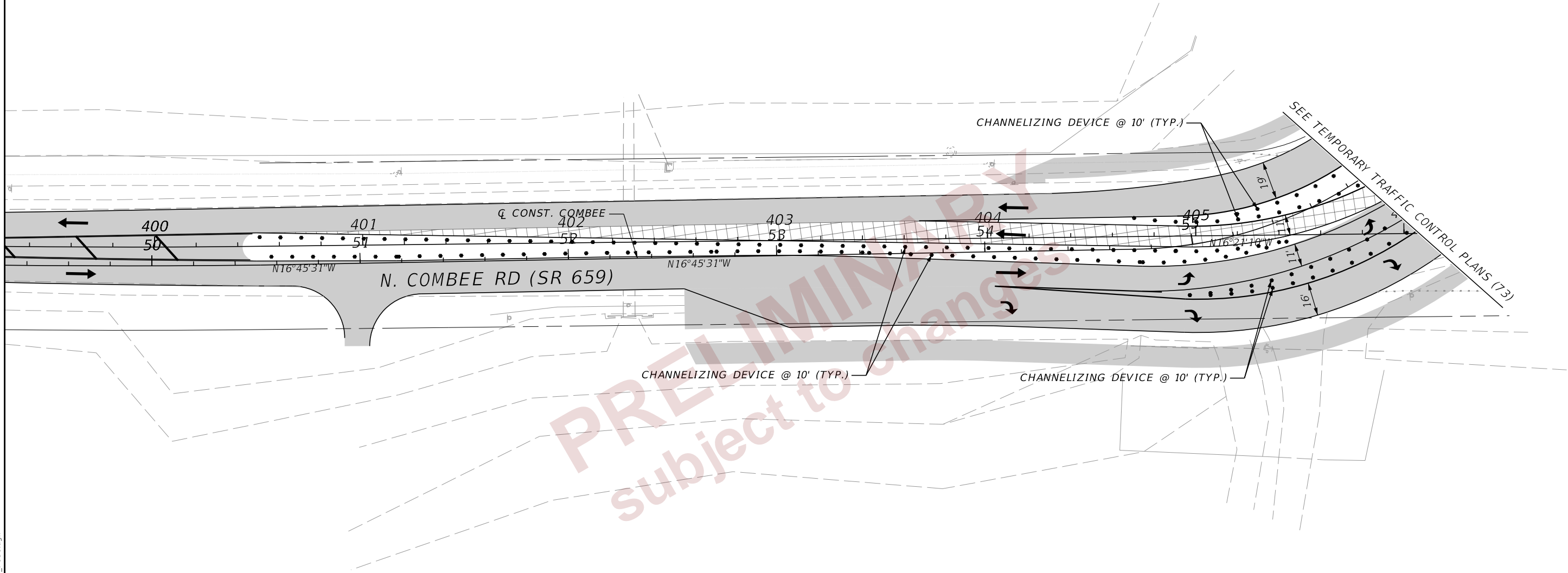
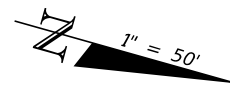
2/28/2024 7:34:19 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TCPLRD01_P151.dgn

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

-  TEMP PAVEMENT PREVIOUS PHASE
-  TEMP PAVEMENT CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE

-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)

NOTE:
1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.






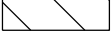
**PHASE III - STAGE 2
N. COMBEE RD (SR 659)**

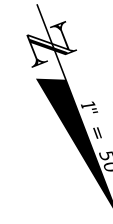
**TEMPORARY TRAFFIC
CONTROL PLANS (76)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	POLK

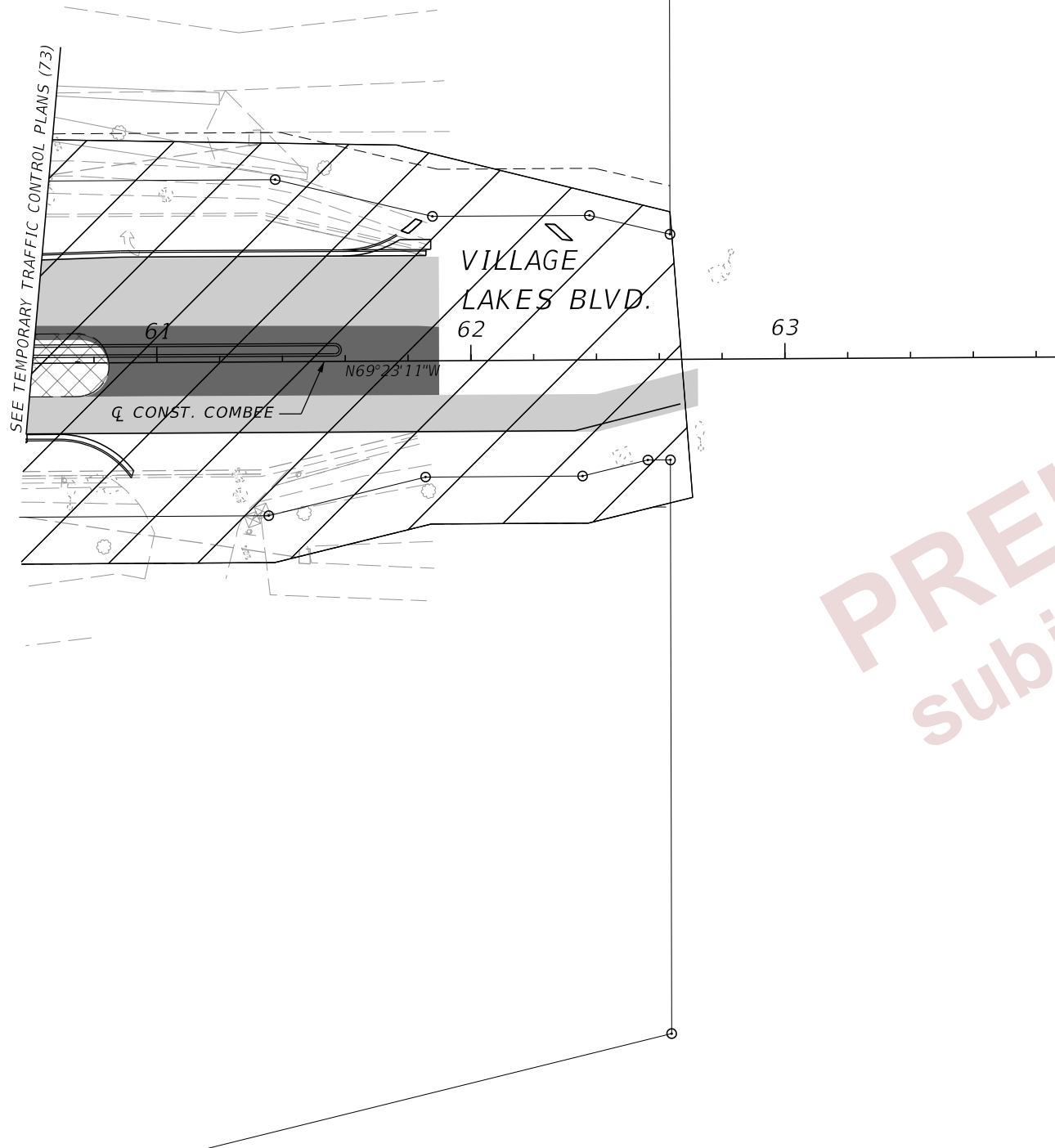
2/28/2024 7:34:20 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCP\TCPLRD01_P151.dgn

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

-  TEMP PAVEMENT PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE



NOTE:
1. PAVEMENT MARKINGS REMAIN FROM PREVIOUS STAGE.



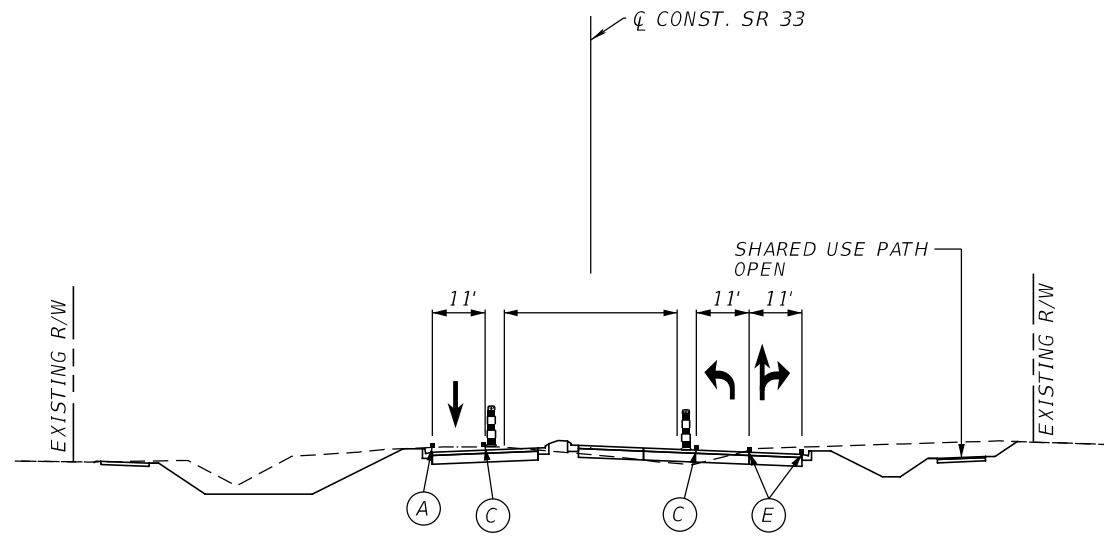
PRELIMINARY
subject to changes

*PHASE III - STAGE 2
VILLAGE LAKES BLVD.*

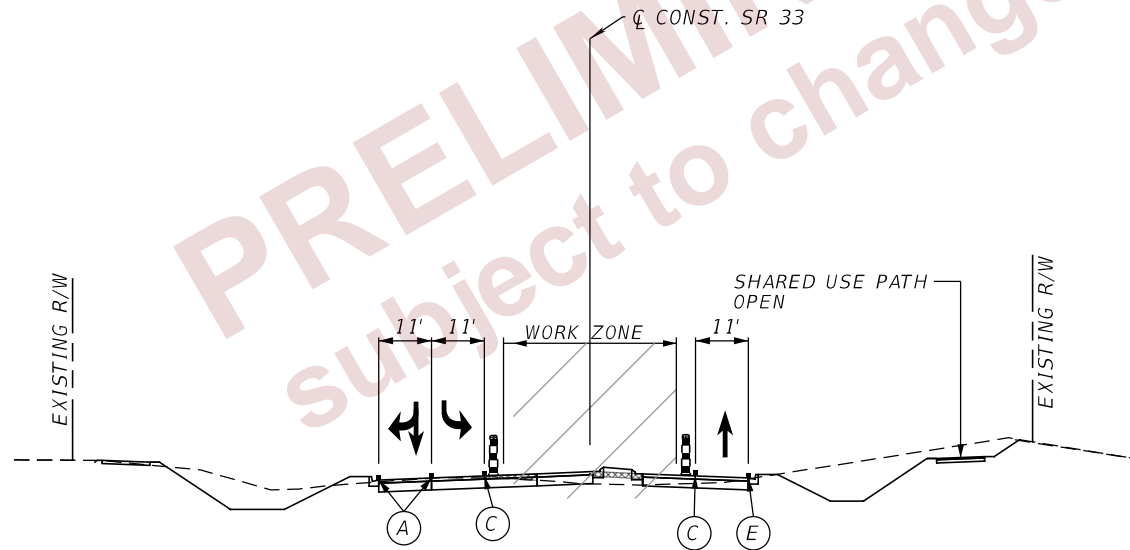
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>TEMPORARY TRAFFIC CONTROL PLANS (77)</i>	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID	357



CRITICAL SECTION - PHASE IV
 CL CONST. SR 33
 STA. 3313+00



CRITICAL SECTION - PHASE IV
 CL CONST. SR 33
 STA. 3317+00

PAVEMENT MARKING LEGEND

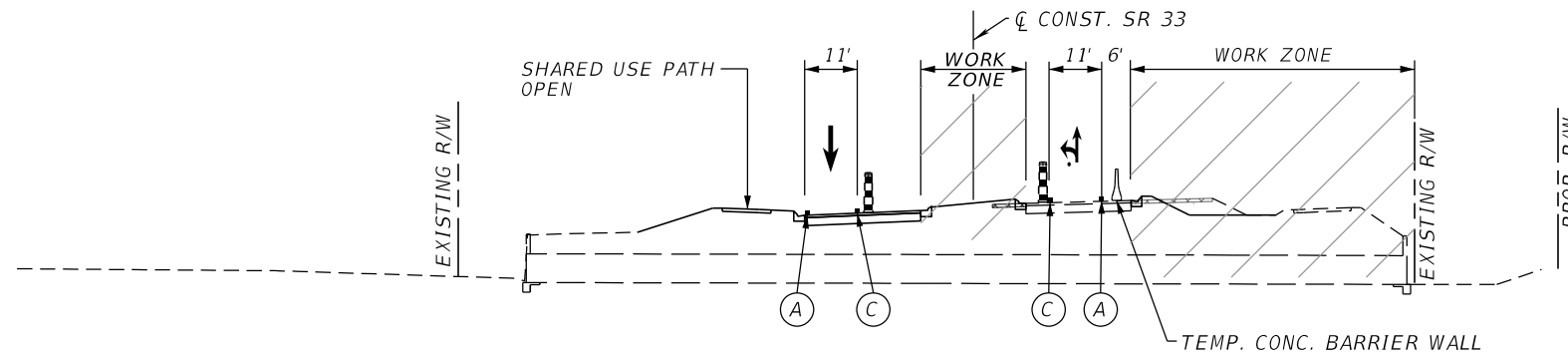
- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (C) 6" SOLID YELLOW TEMPORARY PAVEMENT MARKING
- (E) TEMPORARY PAVEMENT MARKINGS PREVIOUSLY APPLIED
- [Hatched Box] TEMPORARY PAVEMENT CONSTRUCTED PREVIOUS PHASE
- [Channelizing Device Symbol] CHANNELIZING DEVICES (INDEX 102-600)

**CRITICAL SECTIONS
 PHASE IV**

2/28/2024 7:34:41 PM day P:\ORD_FDOT\Worksets\FDOT\43018545201-SR33-Roadway\TCPT\CDTRD01.dgn

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (78)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		358
						SR 33	POLK	430185-4-52-01		

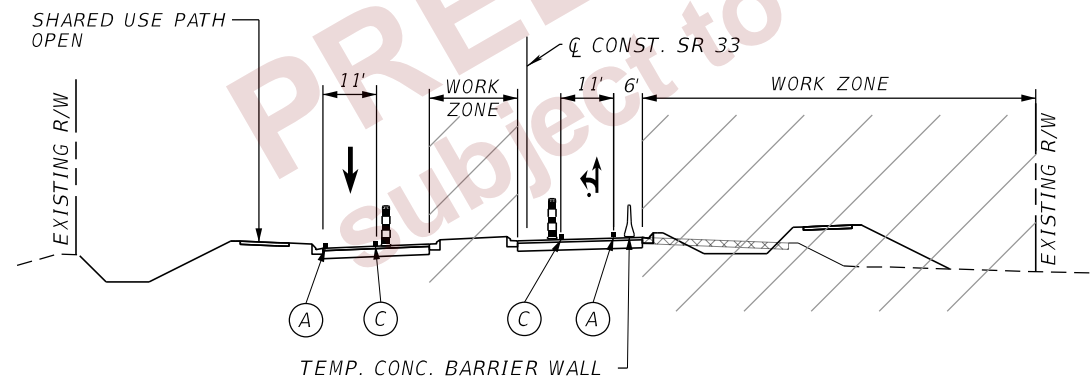


CRITICAL SECTION @ BRIDGE CULVERT- PHASE IV

CL CONST. SR 33
STA. 3356+20

PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (C) 6" SOLID YELLOW TEMPORARY PAVEMENT MARKING
- ▬ CHANNELIZING DEVICES (INDEX 102-600)



CRITICAL SECTION - PHASE IV

CL CONST. SR 33
STA. 3359+00

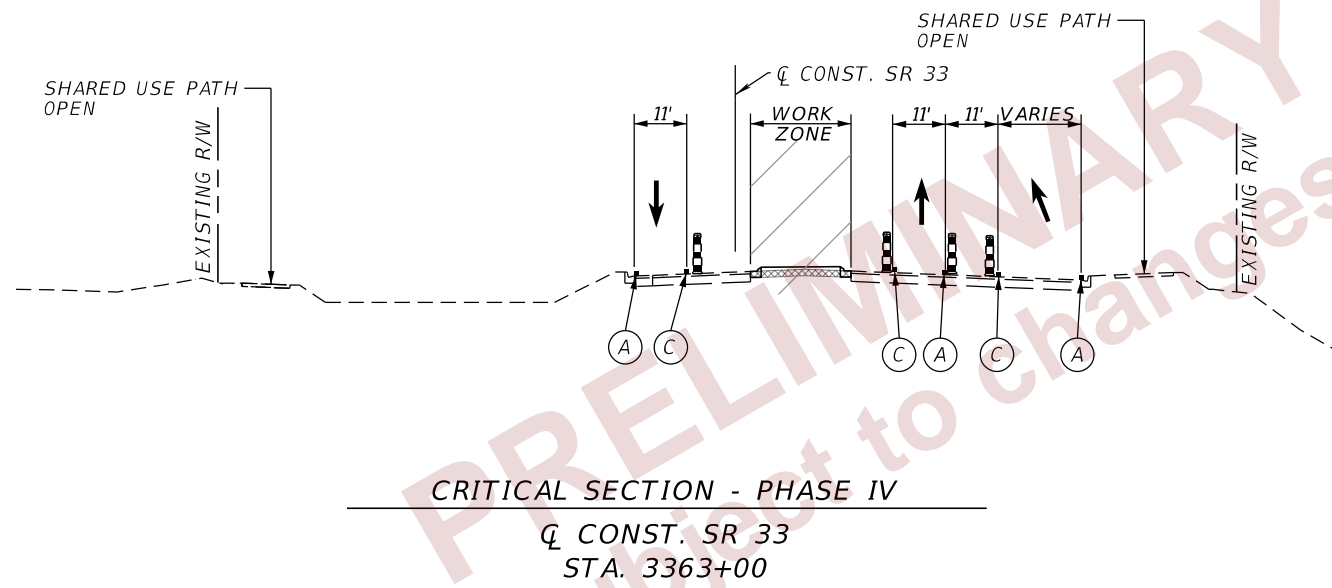
**CRITICAL SECTIONS
PHASE IV**

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	359

**TEMPORARY TRAFFIC
CONTROL PLANS (79)**



PAVEMENT MARKING LEGEND

- (A) 6" SOLID WHITE TEMPORARY PAVEMENT MARKING
- (C) 6" SOLID YELLOW TEMPORARY PAVEMENT MARKING
- ▬ CHANNELIZING DEVICES (INDEX 102-600)

CRITICAL SECTION - PHASE IV

Q CONST. SR 33
STA. 3363+00

**CRITICAL SECTIONS
PHASE IV**

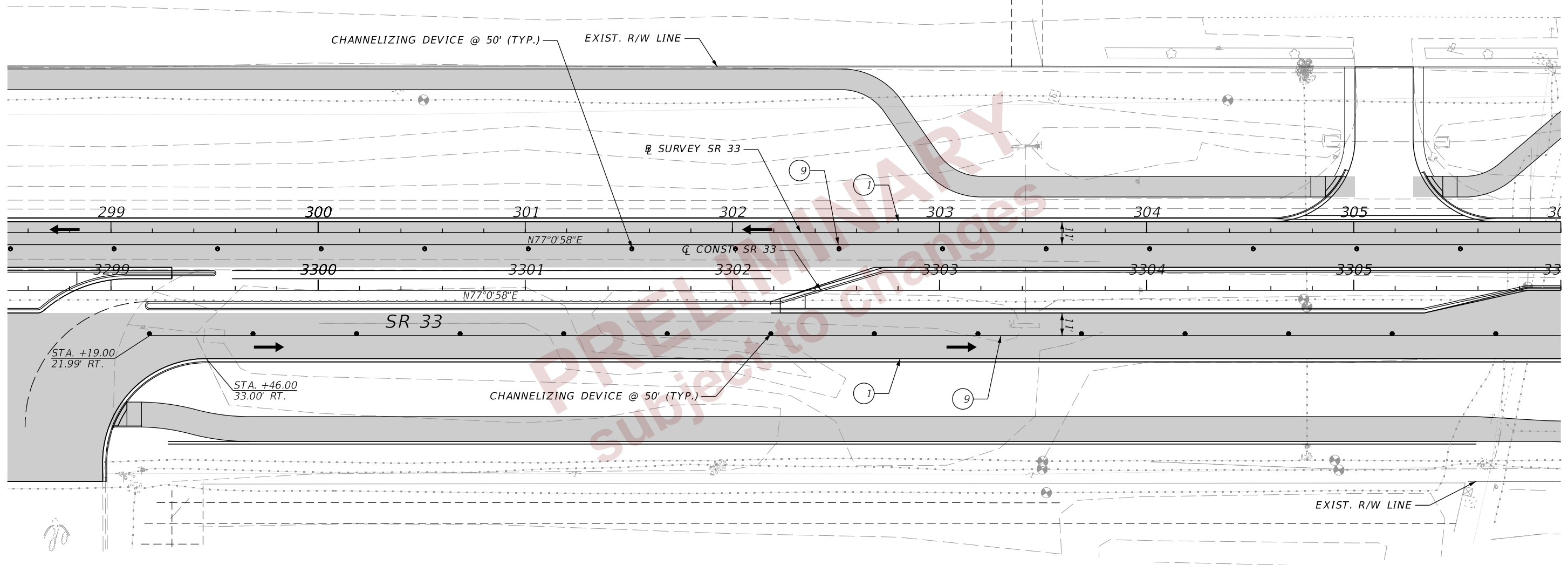
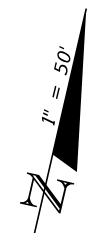
**TEMPORARY TRAFFIC
CONTROL PLANS (80)**

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	360

- PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
- ← DIRECTION OF TRAVEL
- CHANNELIZING DEVICES (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ⑨ 6" YELLOW



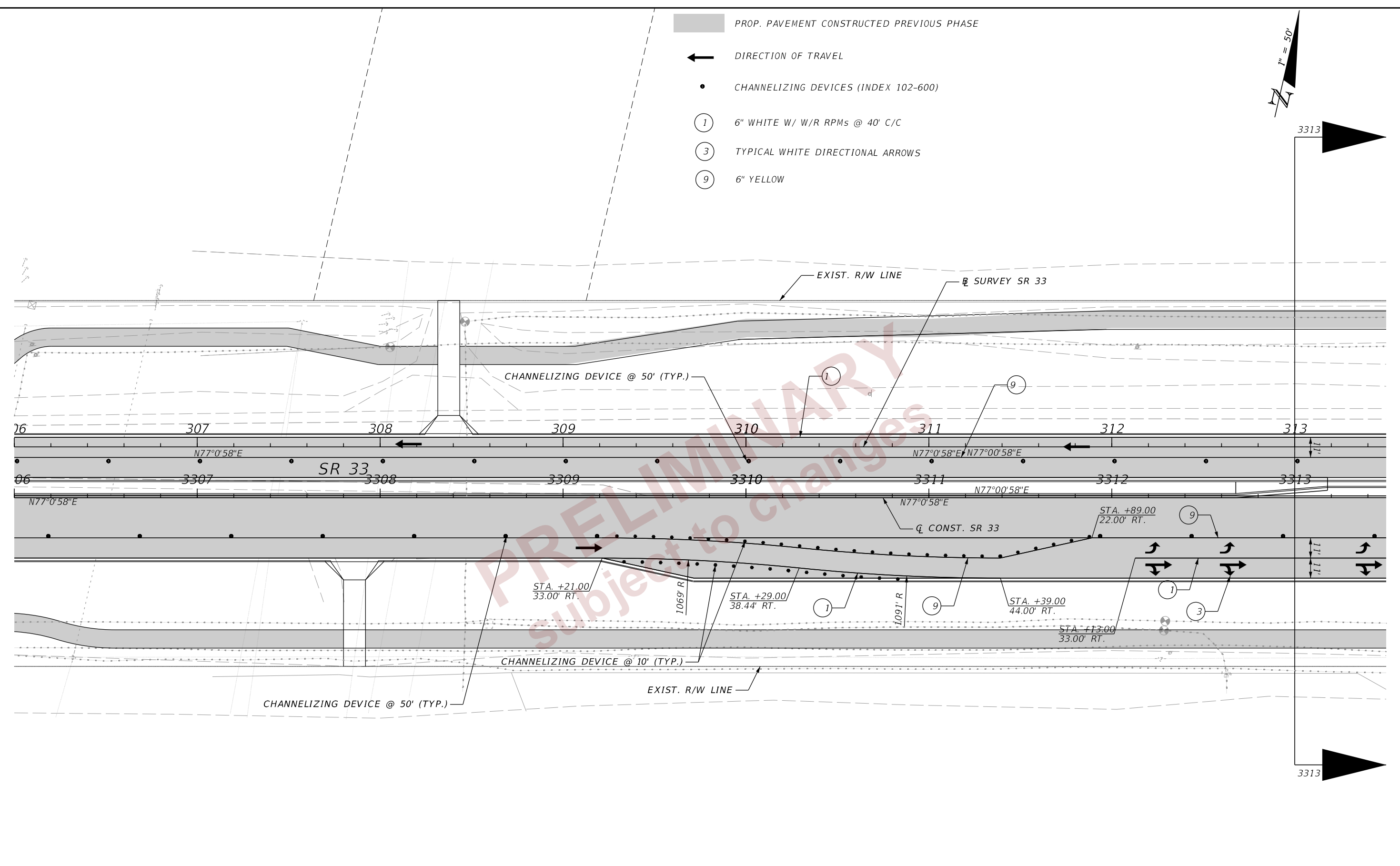
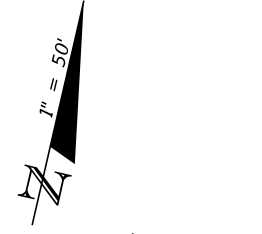
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (81)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		361
								SR 33		

- PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
- ← DIRECTION OF TRAVEL
- CHANNELIZING DEVICES (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ⑨ 6" YELLOW


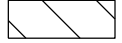
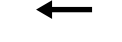



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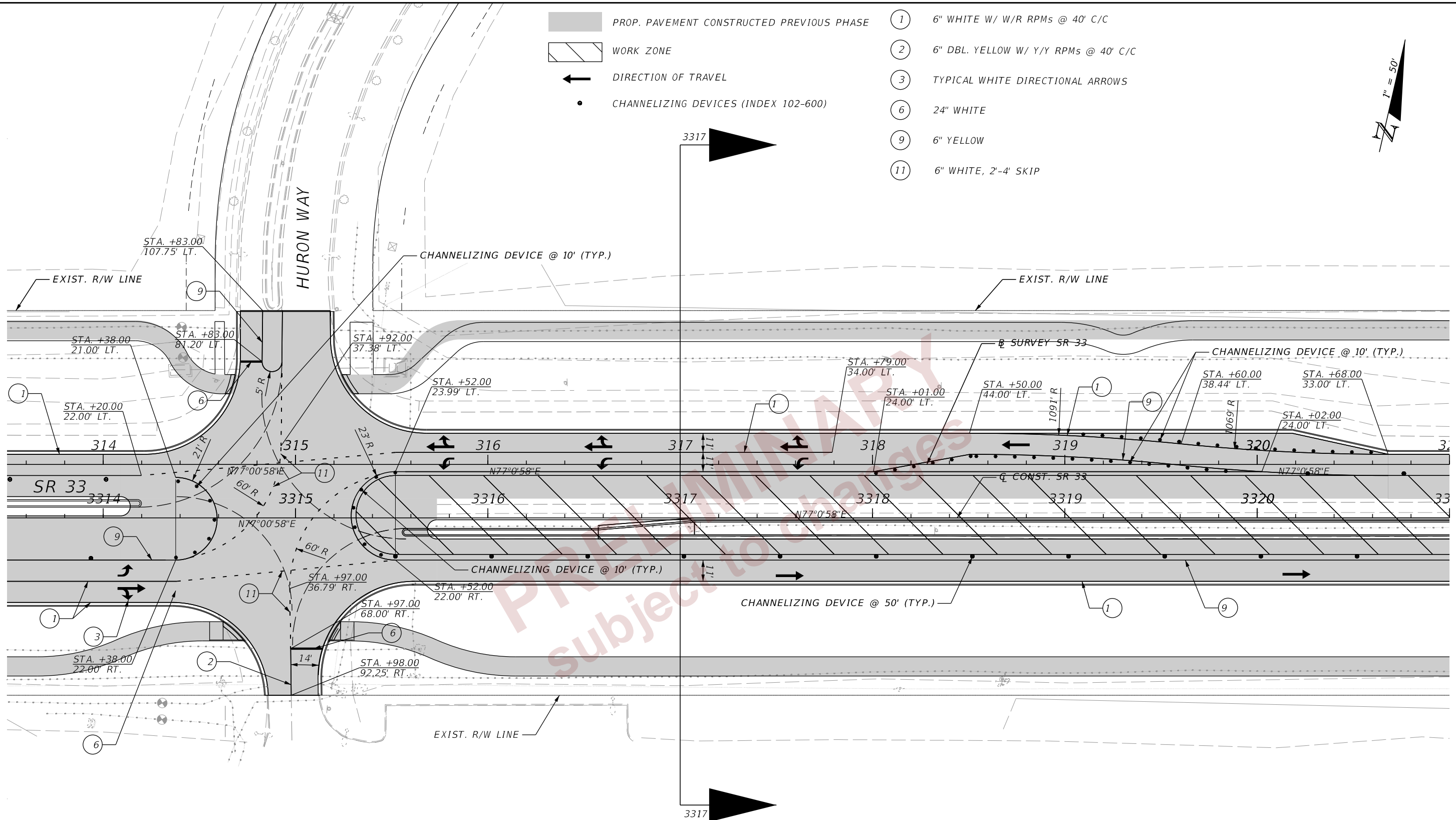
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (82)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		362
								SR 33		

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)

- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ② 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- ③ TYPICAL WHITE DIRECTIONAL ARROWS
- ⑥ 24" WHITE
- ⑨ 6" YELLOW
- ⑪ 6" WHITE, 2'-4' SKIP


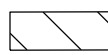
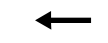

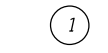



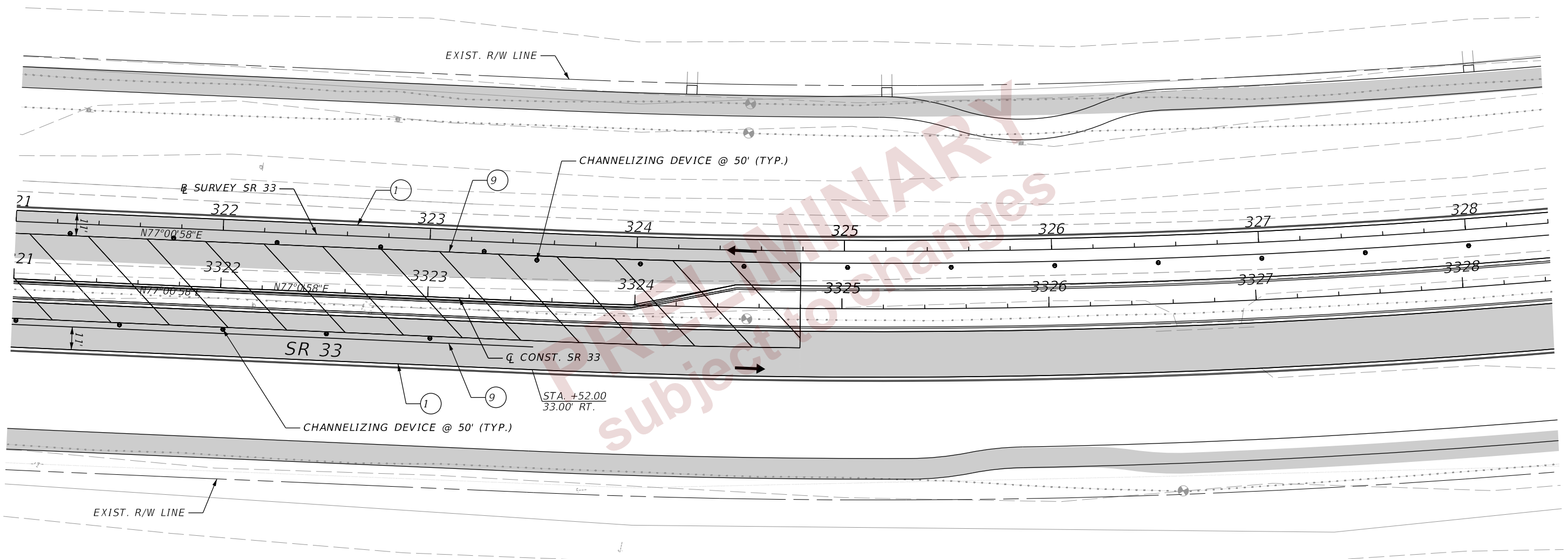
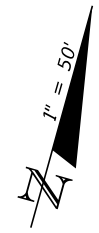
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (83)	SHEET NO. 363
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  9 6" YELLOW


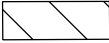







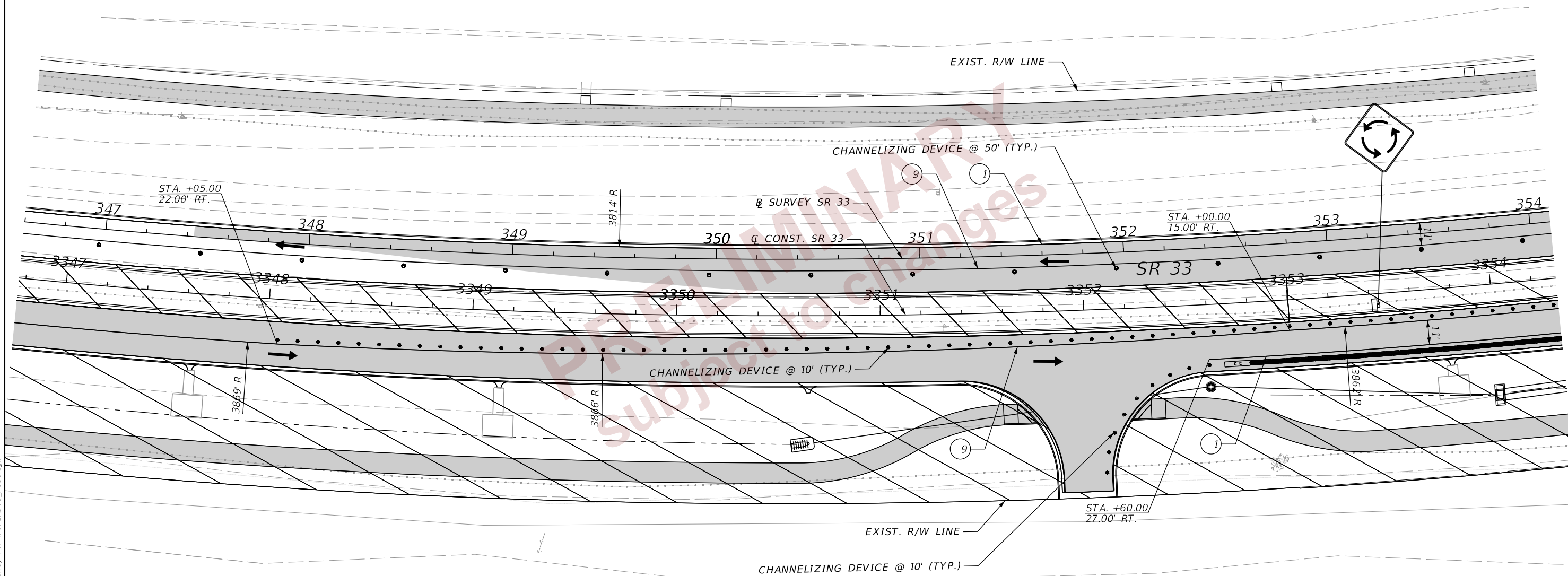
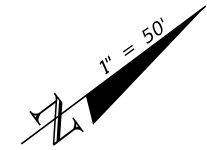
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (84)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		364
								SR 33		

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  TEMP. CONC. BARRIER WALL
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  9 6" YELLOW

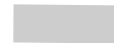

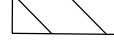







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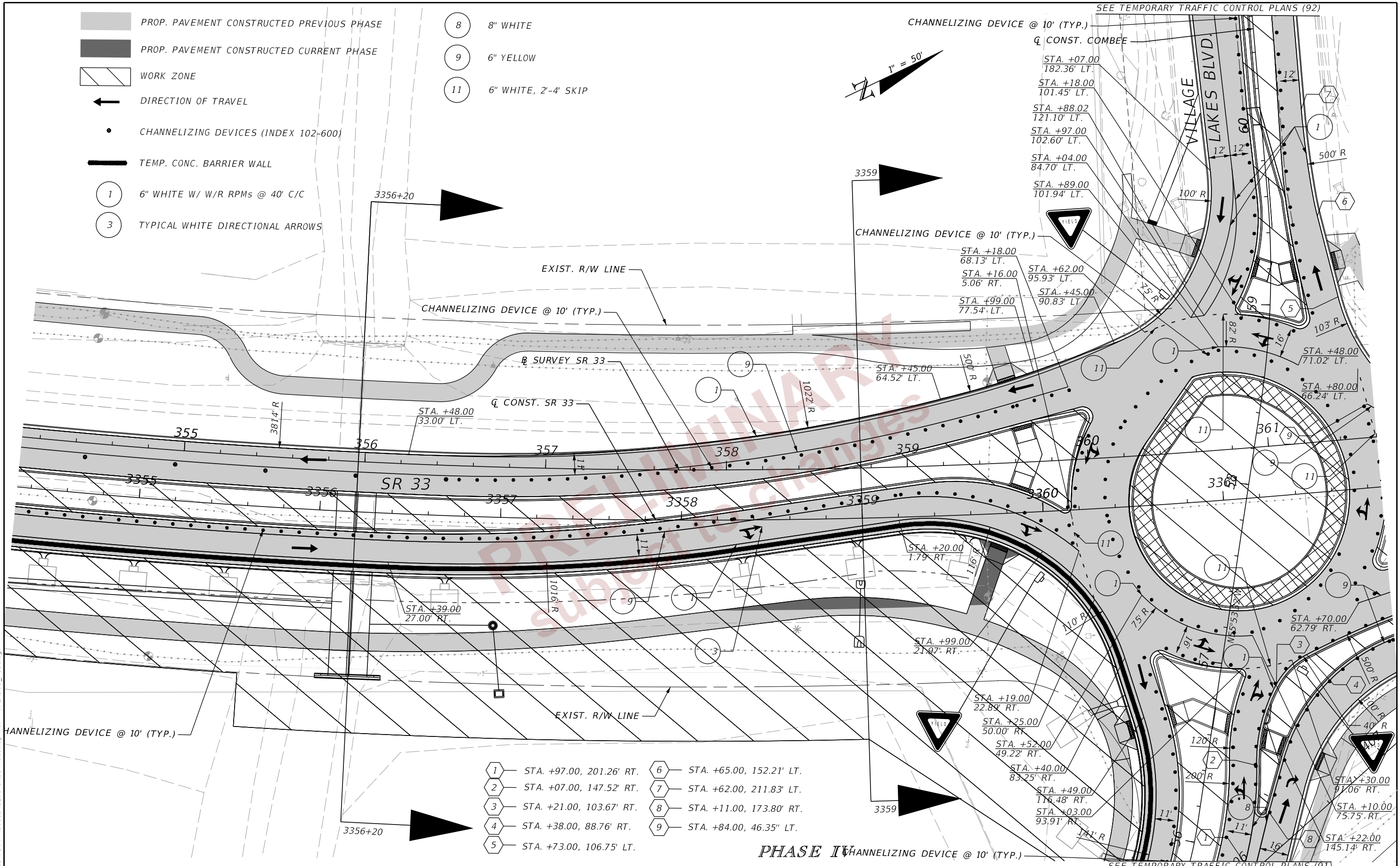
PHASE IV










REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (85)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		365
								SR 33		

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  PROP. PAVEMENT CONSTRUCTED CURRENT PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  TEMP. CONC. BARRIER WALL
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  3 TYPICAL WHITE DIRECTIONAL ARROWS

-  8 8" WHITE
-  9 6" YELLOW
-  11 6" WHITE, 2'-4' SKIP

SEE TEMPORARY TRAFFIC CONTROL PLANS (92)



-  1 STA. +97.00, 201.26' RT.
-  2 STA. +07.00, 147.52' RT.
-  3 STA. +21.00, 103.67' RT.
-  4 STA. +38.00, 88.76' RT.
-  5 STA. +73.00, 106.75' LT.
-  6 STA. +65.00, 152.21' LT.
-  7 STA. +62.00, 211.83' LT.
-  8 STA. +11.00, 173.80' RT.
-  9 STA. +84.00, 46.35' LT.

PHASE IV CHANNELIZING DEVICE @ 10' (TYP.)

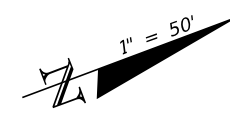
SEE TEMPORARY TRAFFIC CONTROL PLANS (91)


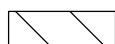






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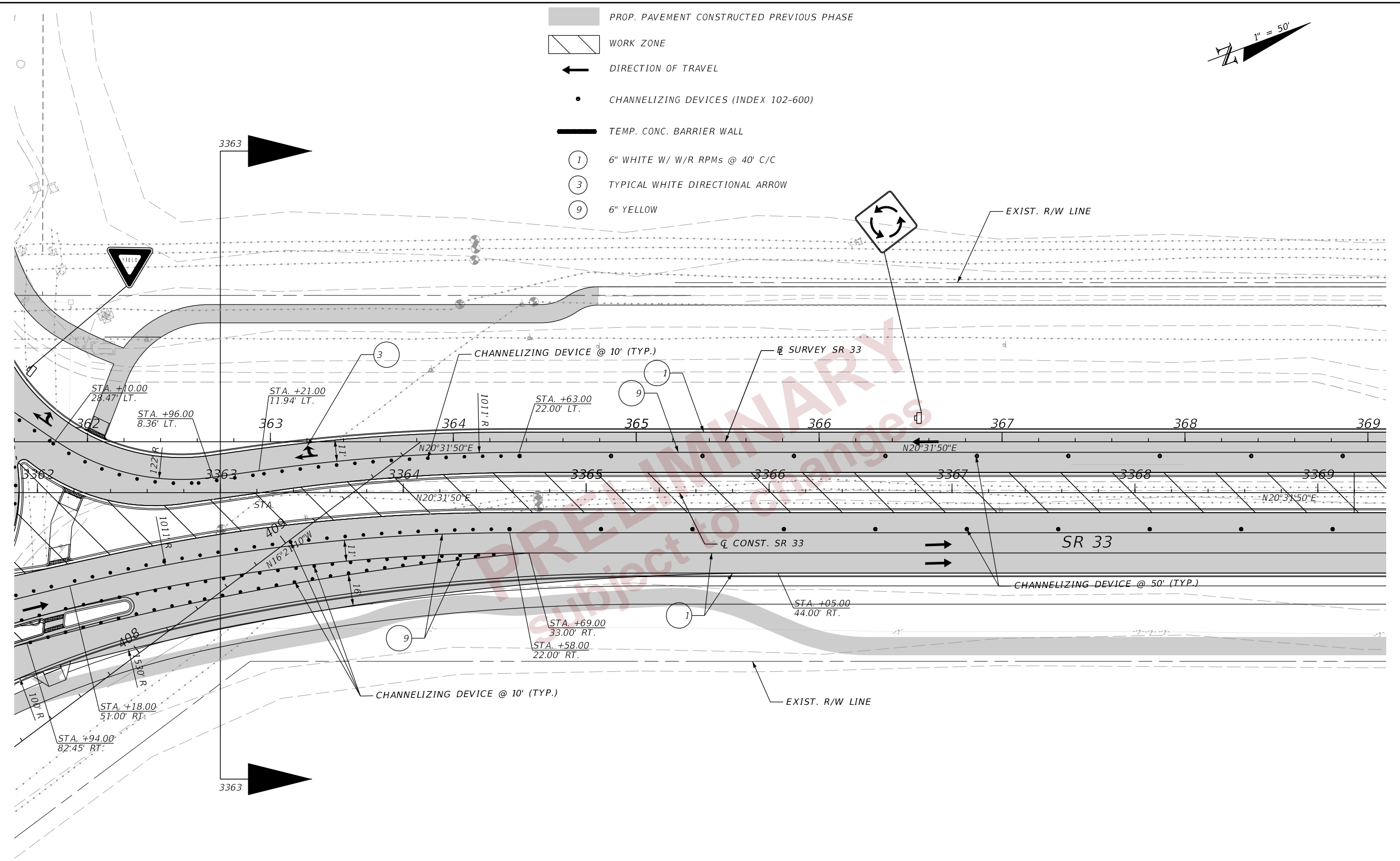
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 366
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

**TEMPORARY TRAFFIC
CONTROL PLANS (86)**



-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  TEMP. CONC. BARRIER WALL
-  6" WHITE W/ W/R RPMs @ 40' C/C
-  TYPICAL WHITE DIRECTIONAL ARROW
-  6" YELLOW


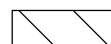






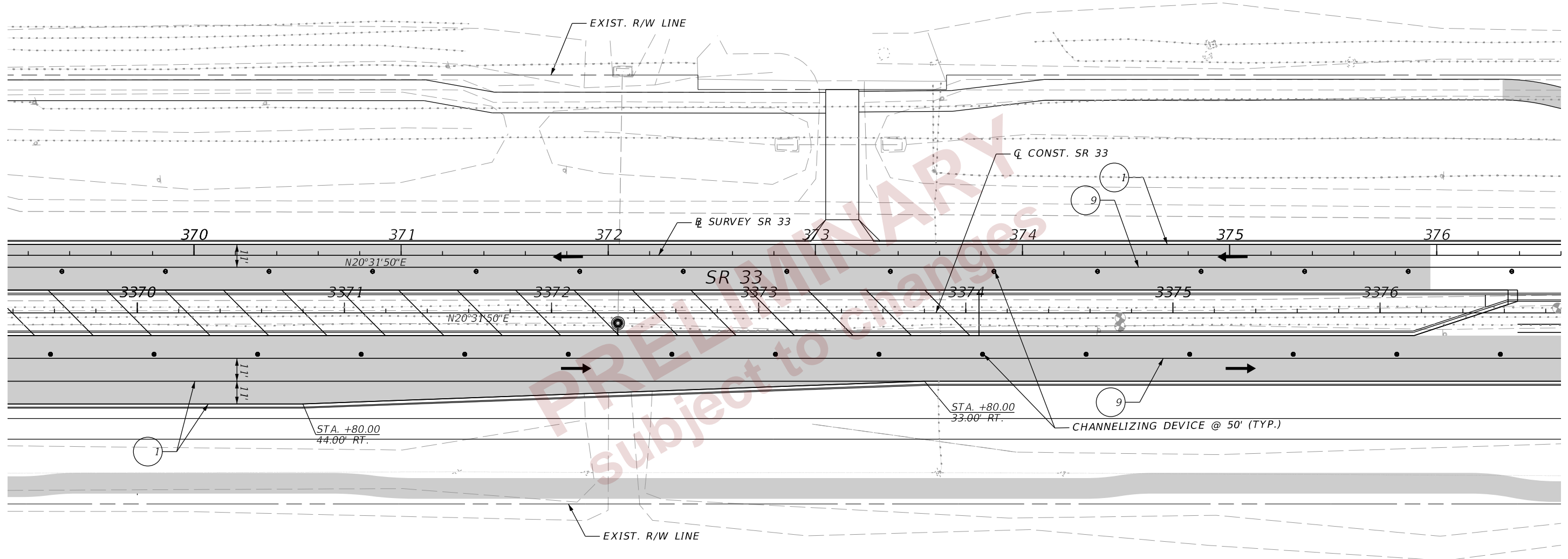
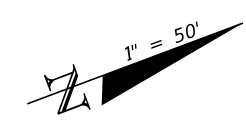
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (87)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		367
								SR 33		

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  9 6" YELLOW



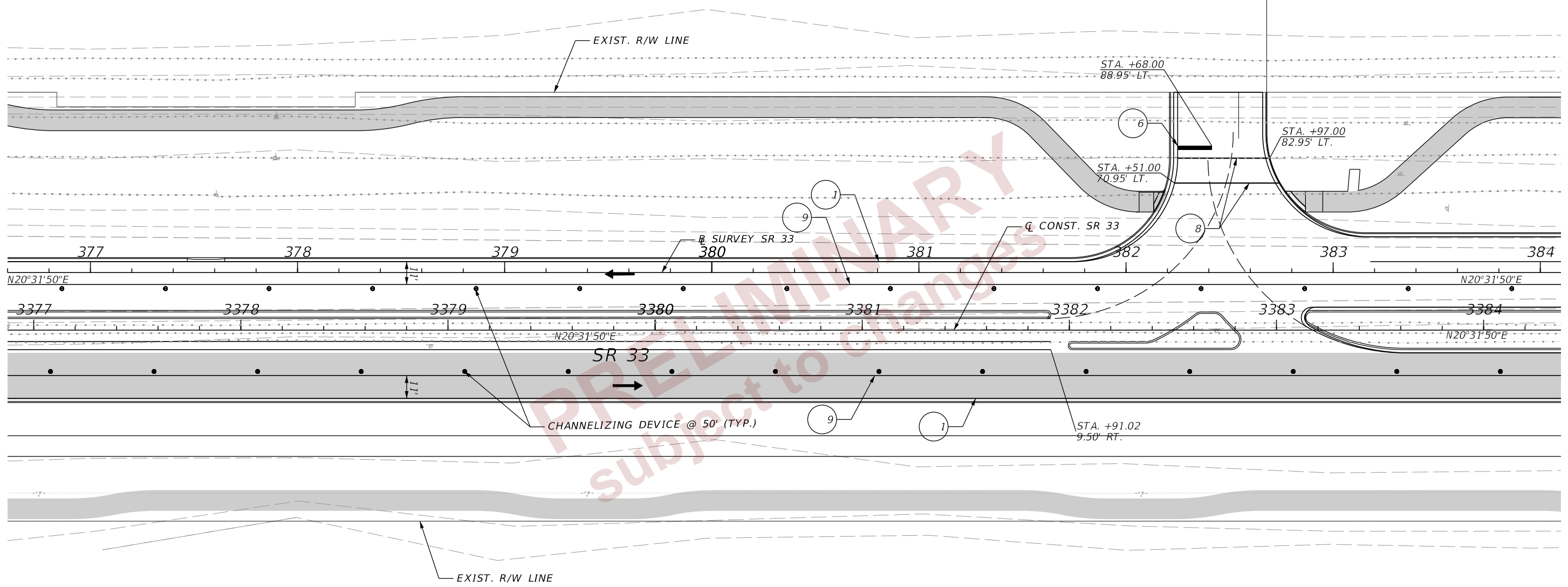
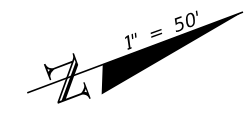
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (88)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		368
						SR 33	POLK	430185-4-52-01		

- █ PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
- ← DIRECTION OF TRAVEL
- CHANNELIZING DEVICES (INDEX 102-600)
- ① 6" WHITE W/ W/R RPMs @ 40' C/C
- ⑥ 24" WHITE
- ⑧ 8" WHITE
- ⑨ 6" YELLOW



2/28/2024 7:35:36 PM day P:\ORD_FDOT\Work\K56\5\FDOT\43018545201-SR33-Roadway\TCP\TCPLRD01_P151.dgn

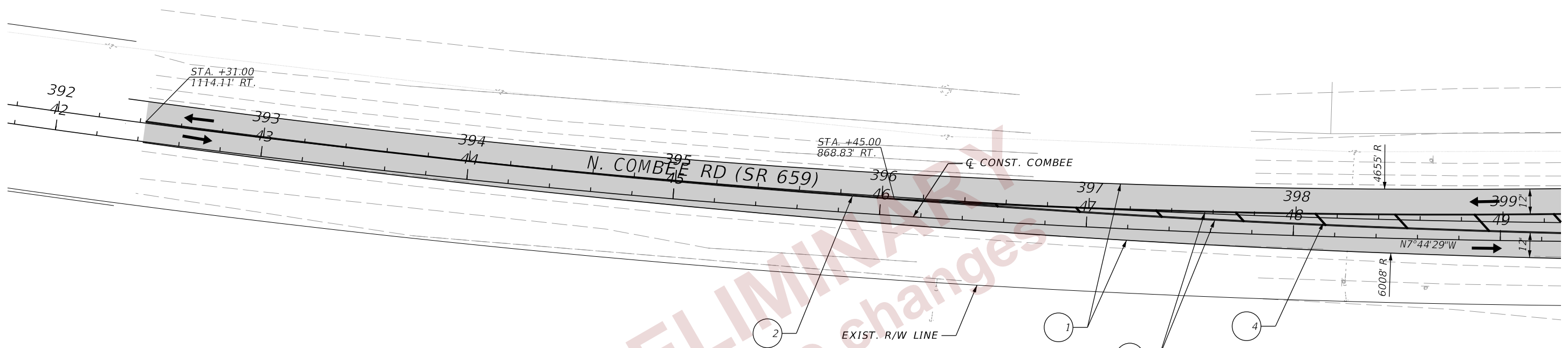
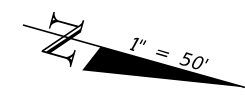
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PHASE IV

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (89)	SHEET NO. 369
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		

PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE

- ← DIRECTION OF TRAVEL
- 1 6" WHITE W/ W/R RPMs @ 40' C/C
- 2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
- 4 18" YELLOW @ 20' C/C



PRELIMINARY
 subject to changes


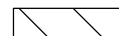



**PHASE IV
N. COMBEE RD (SR 659)**



**TEMPORARY TRAFFIC
CONTROL PLANS (90)**

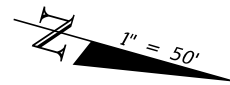
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 370
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

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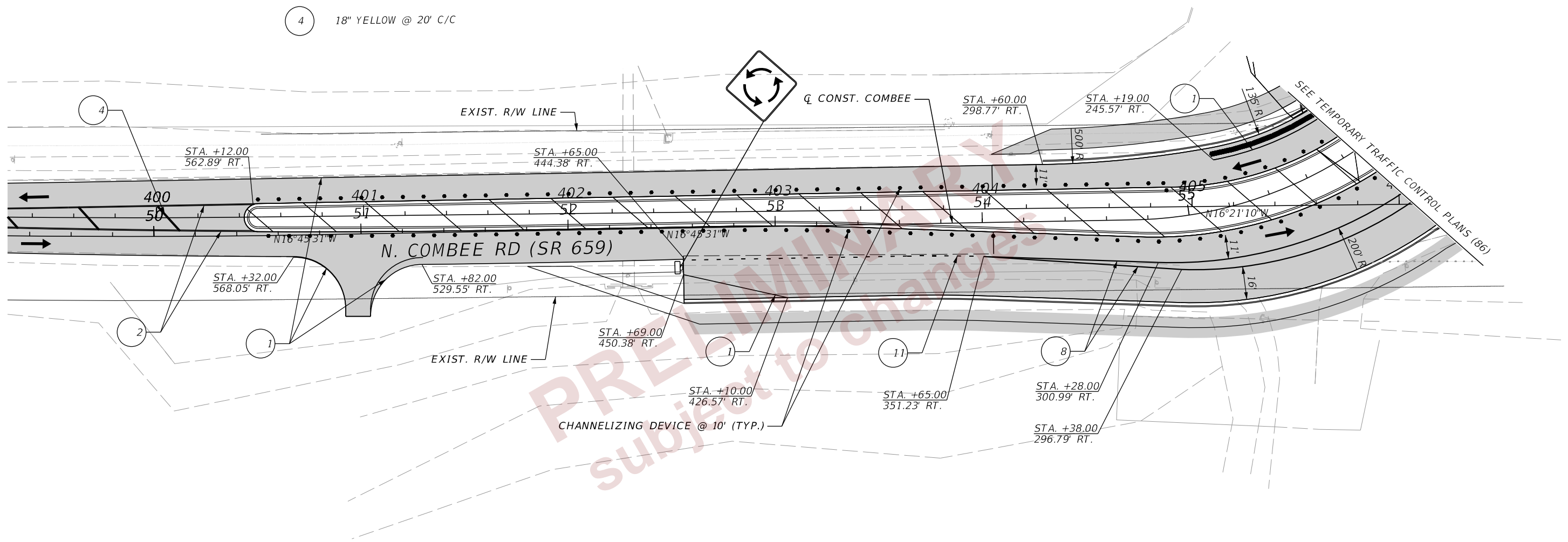
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  TEMP. CONC. BARRIER WALL

-  8" WHITE
-  11" 6" WHITE, 2'-4" SKIP



-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  2 6" DBL. YELLOW W/ Y/Y RPMs @ 40' C/C
-  4 18" YELLOW @ 20' C/C




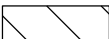




**PHASE IV
N. COMBEE RD (SR 659)**

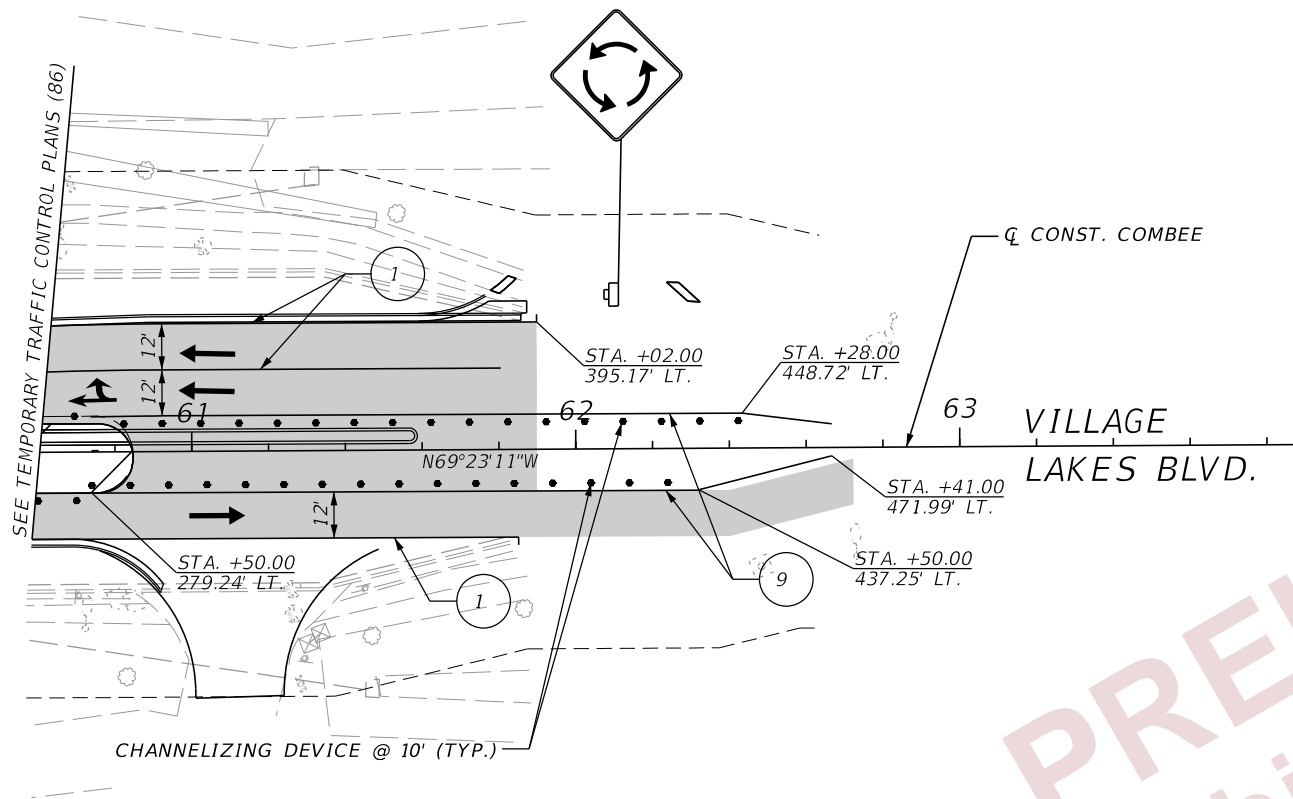
**TEMPORARY TRAFFIC
CONTROL PLANS (91)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	371

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-  PROP. PAVEMENT CONSTRUCTED PREVIOUS PHASE
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CHANNELIZING DEVICES (INDEX 102-600)
-  1 6" WHITE W/ W/R RPMs @ 40' C/C
-  9 6" YELLOW

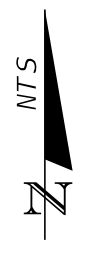
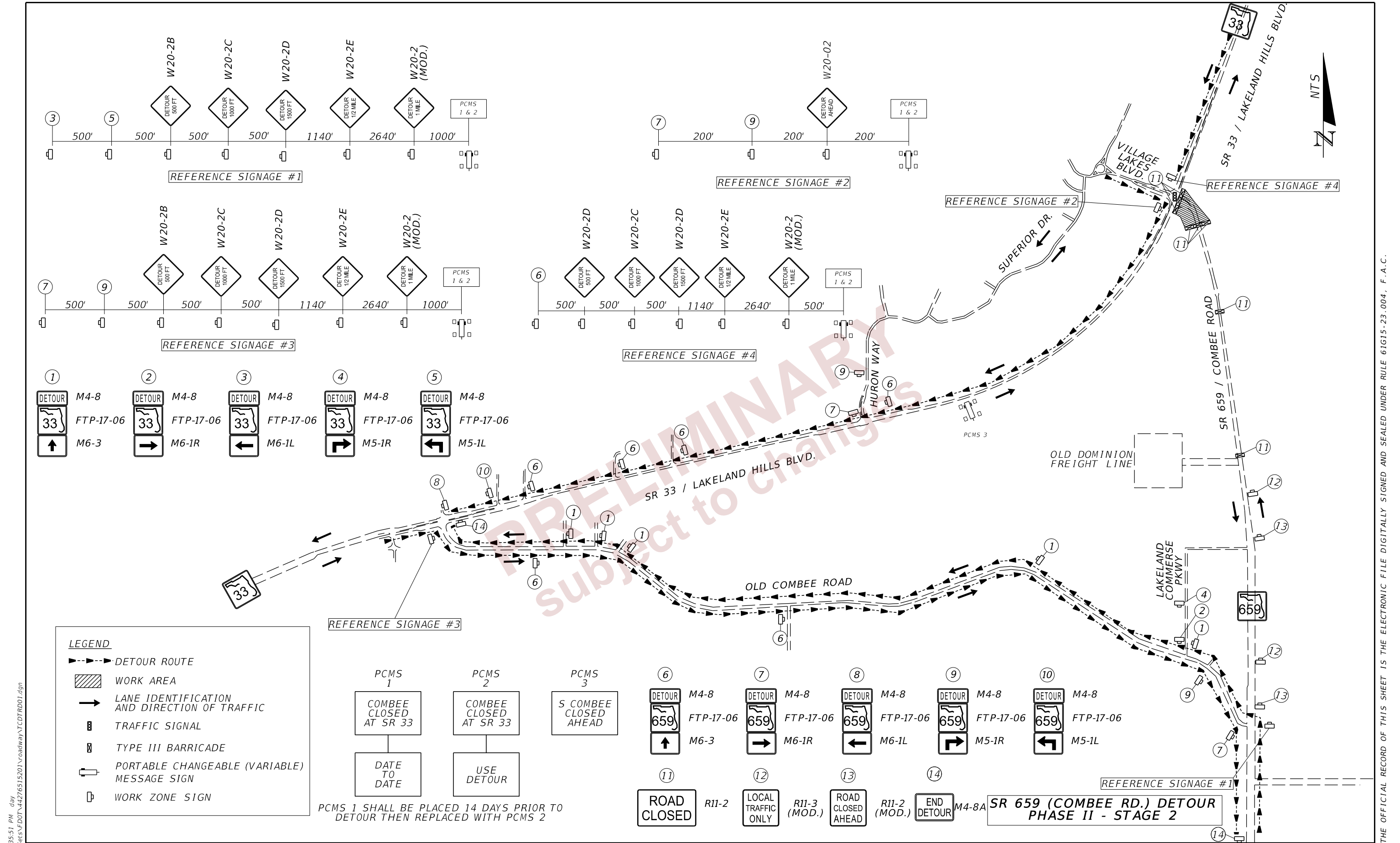


PRELIMINARY
subject to changes

**PHASE IV
VILLAGE LAKES BLVD.**

**TEMPORARY TRAFFIC
CONTROL PLANS (92)**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 372				
DATE	DESCRIPTION	DATE	DESCRIPTION										
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">ROAD NO.</th> <th style="width: 20%;">COUNTY</th> <th style="width: 60%;">FINANCIAL PROJECT ID</th> </tr> <tr> <td style="text-align: center;">SR 33</td> <td style="text-align: center;">POLK</td> <td style="text-align: center;">430185-4-52-01</td> </tr> </table>	ROAD NO.		COUNTY	FINANCIAL PROJECT ID	SR 33	POLK
ROAD NO.	COUNTY	FINANCIAL PROJECT ID											
SR 33	POLK	430185-4-52-01											



- ① **DETOUR** M4-8
FTP-17-06
M6-3
- ② **DETOUR** M4-8
FTP-17-06
M6-1R
- ③ **DETOUR** M4-8
FTP-17-06
M6-1L
- ④ **DETOUR** M4-8
FTP-17-06
M5-1R
- ⑤ **DETOUR** M4-8
FTP-17-06
M5-1L

LEGEND

- ▶▶▶▶▶ DETOUR ROUTE
- ▨ WORK AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- Ⓜ TRAFFIC SIGNAL
- Ⓜ TYPE III BARRICADE
- Ⓜ PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- Ⓜ WORK ZONE SIGN

PCMS 1
COMBEE CLOSED AT SR 33
DATE TO DATE

PCMS 2
COMBEE CLOSED AT SR 33
USE DETOUR

PCMS 3
S COMBEE CLOSED AHEAD

PCMS 1 SHALL BE PLACED 14 DAYS PRIOR TO DETOUR THEN REPLACED WITH PCMS 2

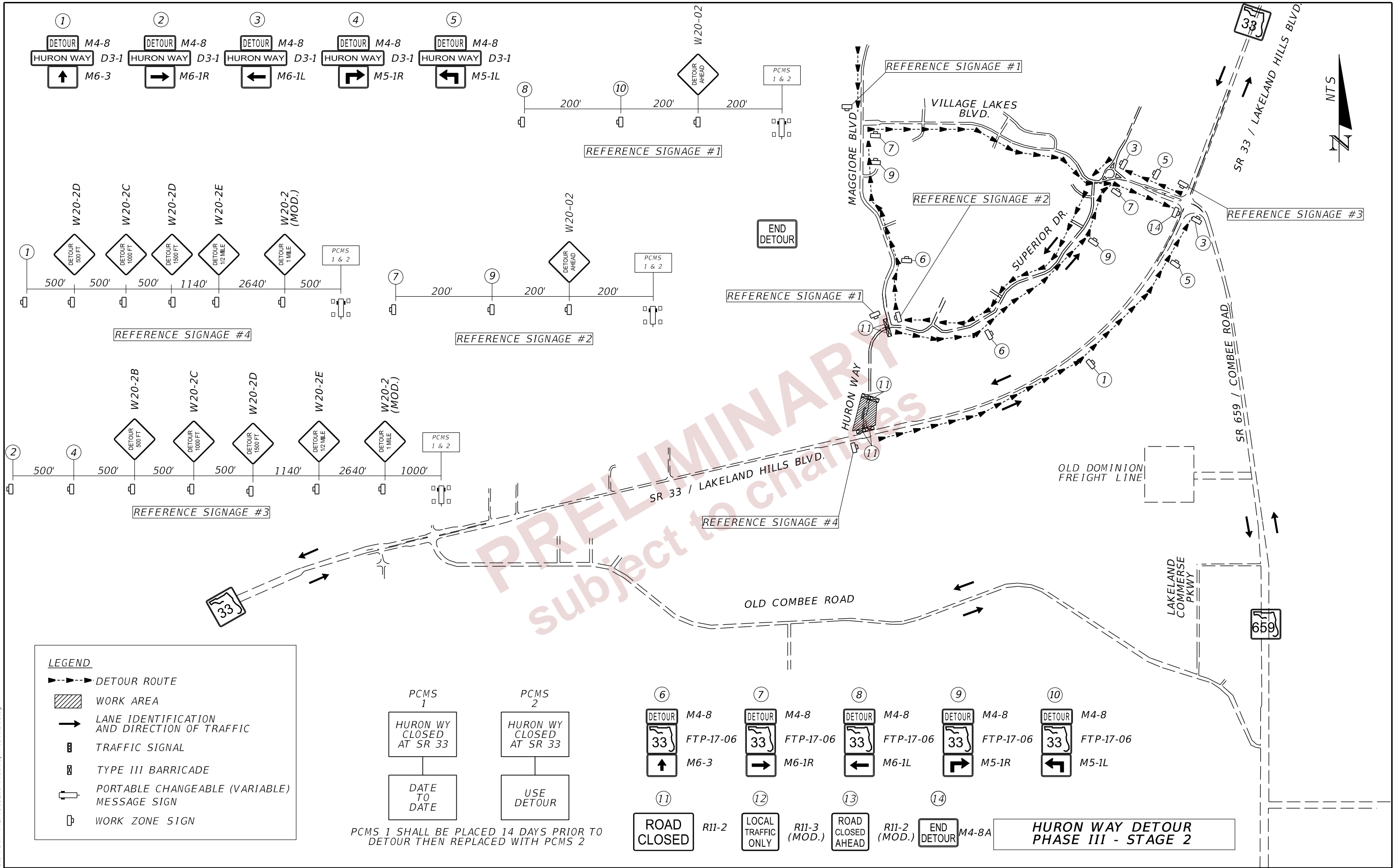
- ⑥ **DETOUR** M4-8
659 FTP-17-06
M6-3
- ⑦ **DETOUR** M4-8
659 FTP-17-06
M6-1R
- ⑧ **DETOUR** M4-8
659 FTP-17-06
M6-1L
- ⑨ **DETOUR** M4-8
659 FTP-17-06
M5-1R
- ⑩ **DETOUR** M4-8
659 FTP-17-06
M5-1L
- ⑪ **ROAD CLOSED** R11-2
- ⑫ **LOCAL TRAFFIC ONLY** R11-3 (MOD.)
- ⑬ **ROAD CLOSED AHEAD** R11-2 (MOD.)
- ⑭ **END DETOUR** M4-8A

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (93)	SHEET NO. 373
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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LEGEND

- ▶---▶ DETOUR ROUTE
- ▨ WORK AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- ⊞ TRAFFIC SIGNAL
- ⊞ TYPE III BARRICADE
- ⊞ PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- ⊞ WORK ZONE SIGN

PCMS 1
HURON WY CLOSED AT SR 33
DATE TO DATE

PCMS 2
HURON WY CLOSED AT SR 33
USE DETOUR

PCMS 1 SHALL BE PLACED 14 DAYS PRIOR TO DETOUR THEN REPLACED WITH PCMS 2

⑥ DETOUR M4-8
33 FTP-17-06
↑ M6-3

⑦ DETOUR M4-8
33 FTP-17-06
→ M6-1R

⑧ DETOUR M4-8
33 FTP-17-06
← M6-1L

⑨ DETOUR M4-8
33 FTP-17-06
↻ M5-1R

⑩ DETOUR M4-8
33 FTP-17-06
↻ M5-1L

⑪ ROAD CLOSED R11-2

⑫ LOCAL TRAFFIC ONLY R11-3 (MOD.)

⑬ ROAD CLOSED AHEAD R11-2 (MOD.)

⑭ END DETOUR M4-8A

HURON WAY DETOUR PHASE III - STAGE 2

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLE, INC.
 1800 PEMBROOK DRIVE SUITE 265
 ORLANDO, FL 32810

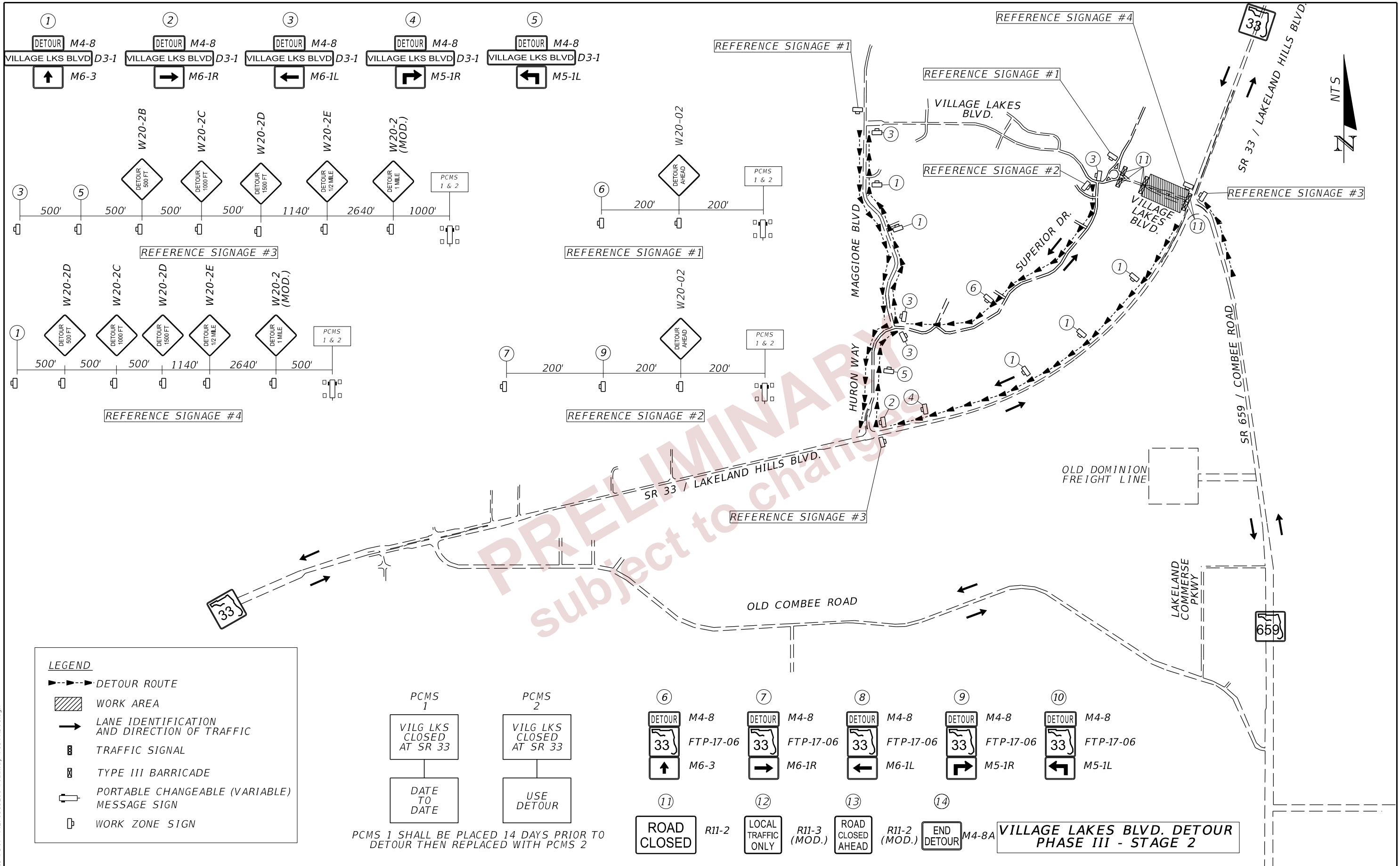
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

TEMPORARY TRAFFIC CONTROL PLANS (94)

SHEET NO. 374

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LEGEND

- ▶---▶ DETOUR ROUTE
- ▨ WORK AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- ⊞ TRAFFIC SIGNAL
- ⊞ TYPE III BARRICADE
- ⊞ PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- ⊞ WORK ZONE SIGN

PCMS 1
VILG LKS CLOSED AT SR 33
DATE TO DATE

PCMS 2
VILG LKS CLOSED AT SR 33
USE DETOUR

PCMS 1 SHALL BE PLACED 14 DAYS PRIOR TO DETOUR THEN REPLACED WITH PCMS 2

⑥ DETOUR M4-8
33 FTP-17-06
M6-3

⑦ DETOUR M4-8
33 FTP-17-06
M6-1R

⑧ DETOUR M4-8
33 FTP-17-06
M6-1L

⑨ DETOUR M4-8
33 FTP-17-06
M5-1R

⑩ DETOUR M4-8
33 FTP-17-06
M5-1L

⑪ ROAD CLOSED R11-2

⑫ LOCAL TRAFFIC ONLY R11-3 (MOD.)

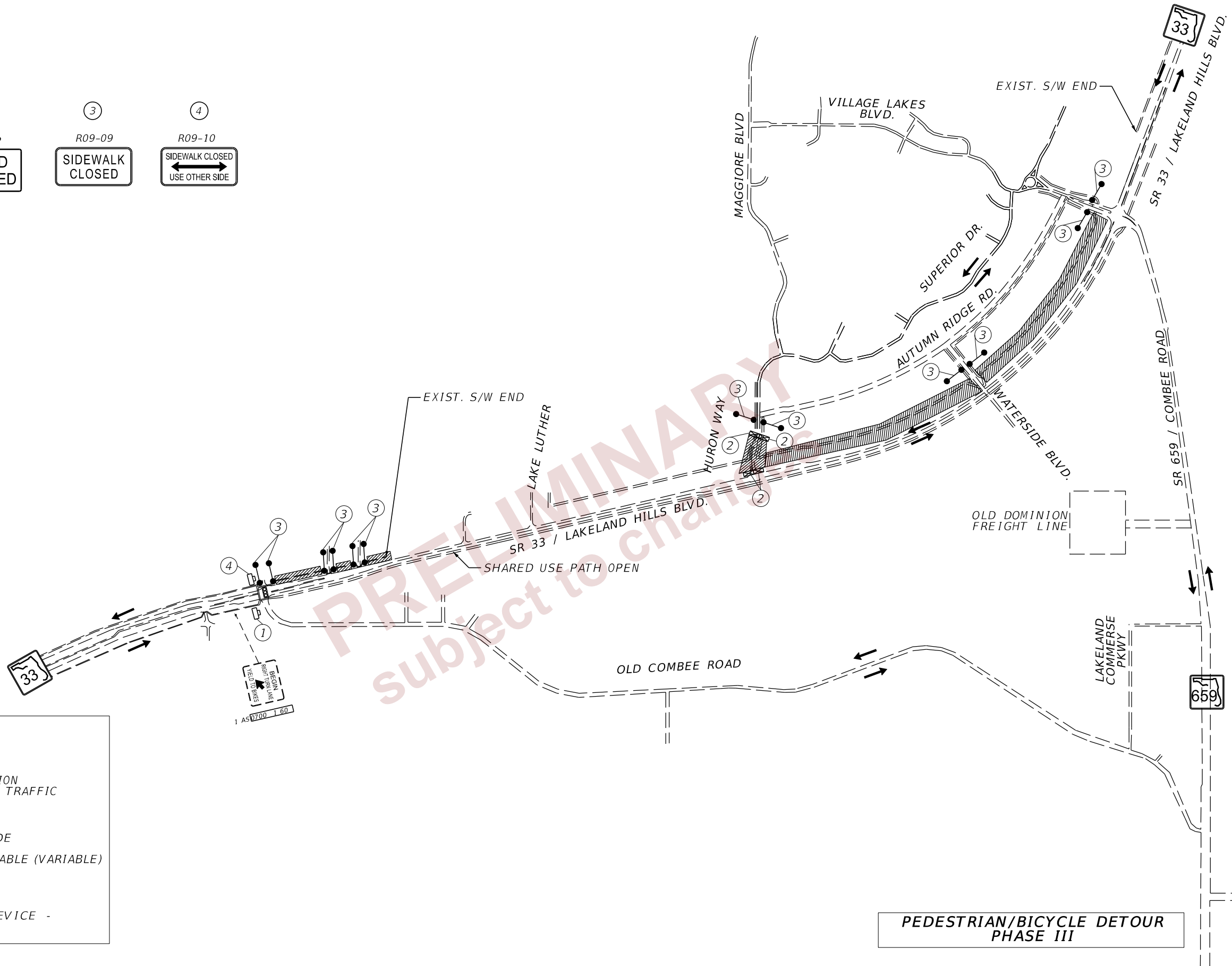
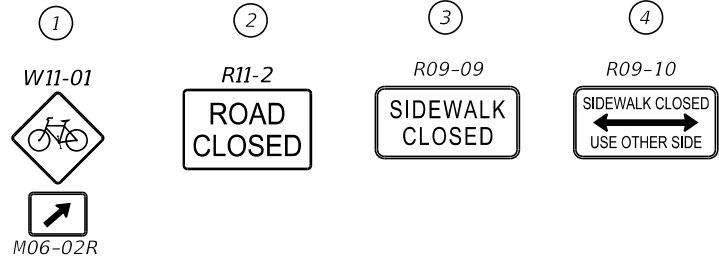
⑬ ROAD CLOSED AHEAD R11-2 (MOD.)

⑭ END DETOUR M4-8A

VILLAGE LAKES BLVD. DETOUR PHASE III - STAGE 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS (95)	SHEET NO. 375
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLÉ, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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LEGEND

- WORK AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- TRAFFIC SIGNAL
- TYPE III BARRICADE
- PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- WORK ZONE SIGN
- CHANNELIZING DEVICE - PEDESTRIAN LCD

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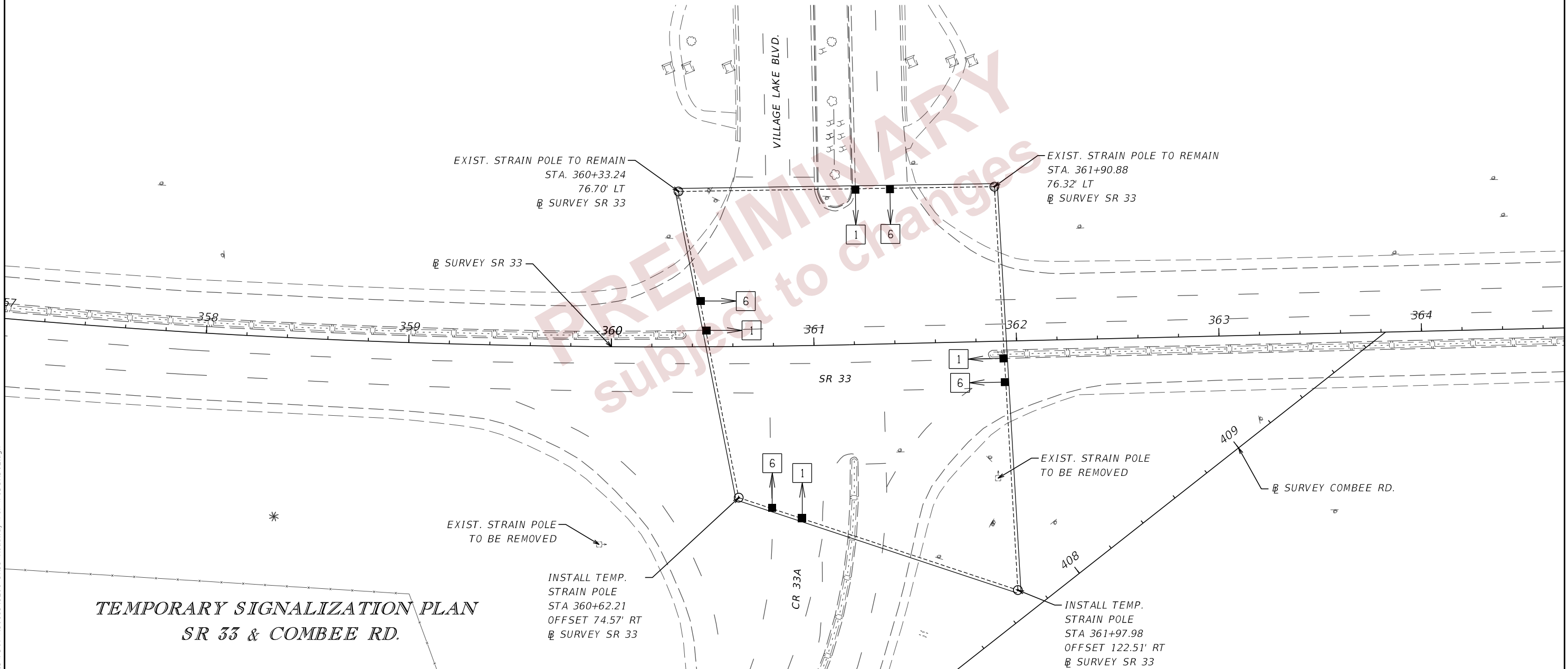
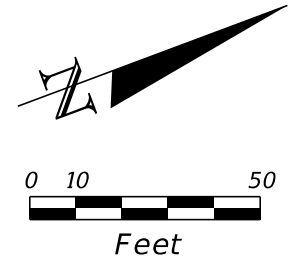
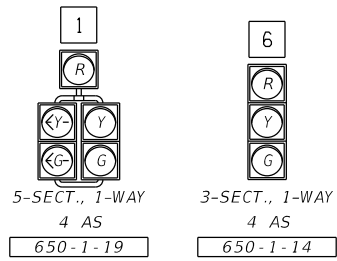
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-4-52-01		

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TEMPORARY SIGNALIZATION NOTES

1. INSTALL TEMPORARY VEHICLE DETECTION FOR ALL MOVEMENTS FOR ALL PHASES OF CONSTRUCTION PER FDOT STANDARDS AND DISTRICT 1 GUIDELINES.
2. PROVIDE SIGNAL CABLE AND CONDUIT AS NEEDED.
3. CONTRACTOR TO ADJUST SIGNAL HEADS AS NEEDED BASED ON CONSTRUCTION PHASE LANE GEOMETRY.
4. CONTRACTOR TO MAINTAIN EXISTING VIDEO DETECTION SYSTEM.
5. CONTRACTOR TO MAINTAIN EXISTING SIGNAL PHASING & TIMING DURING TEMPORARY CONDITION.



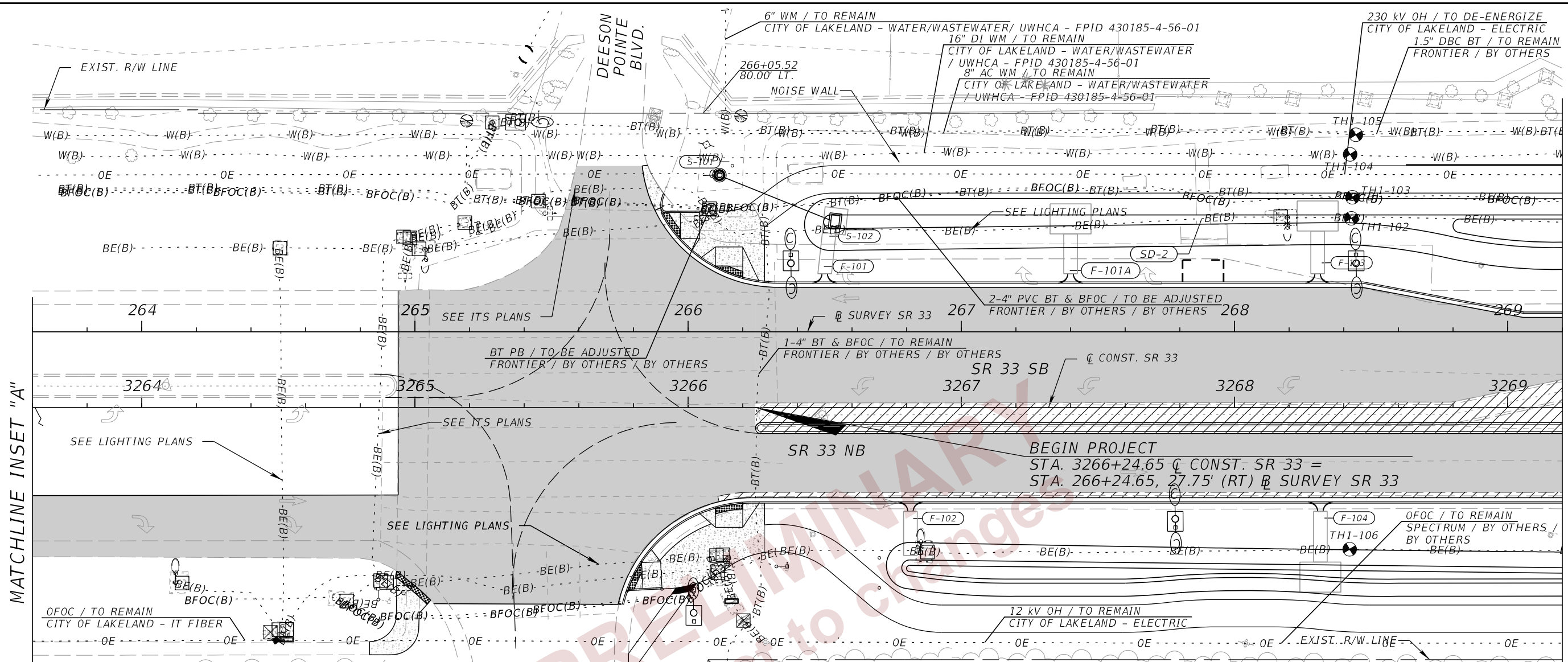
TEMPORARY SIGNALIZATION PLAN
SR 33 & COMBEE RD.

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (97)	SHEET NO. 377
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER: 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-4-52-01		

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MATCHLINE INSET "A"

MATCHLINE STA. 3269+20.00



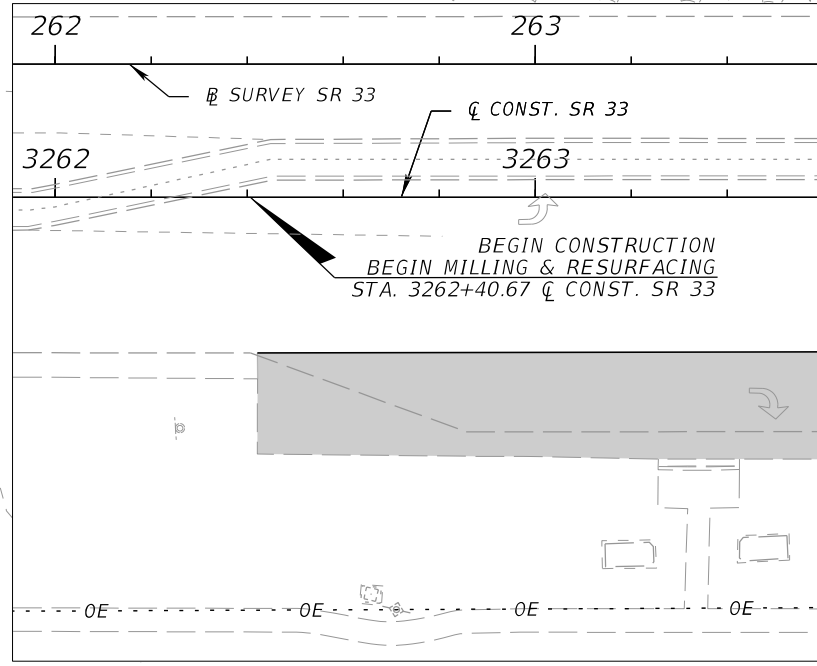
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, VVH) ARE BASED ON THE LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2.

UJO COMPANY	UJO CONTACT	TELEPHONE NUMBERS
City of Lakeland - Water / Wastewater	Jim Lilly	(863) 834-6175
City of Lakeland - Gas	Micheal Dammer	(863) 834-8660
City of Lakeland - Electric	Naomi A. Tillett	(863) 834-6410
City of Lakeland - IT Fiber	Rex Harris, Jr.	(863) 834-6825
FDOT ITS	Kevin McCaffrey	(813) 620-3983 x320
Florida Gas Transmission	Joseph Sanchez	(407) 838-7171
FRONTIER / BY OTHERS Communications	Fred Valdes	(863) 688-9714
SPECTRUM / BY OTHERS / Charter Communications	Darin Daniels	(863) 333-4764
Uniti Fiber	Terry Young	(251) 422-3872
Verizon / MCI	Tim Cole	(407) 618-2078
Orlando Utilities Commission	Adonis Willis	(407) 434-4134

OLD COMBEE ROAD

INSET "A"



LEGEND

	MILLING AND RESURFACING
	DETECTABLE WARNINGS
	WIDENING
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

MATCHLINE STA. 3263+60.00

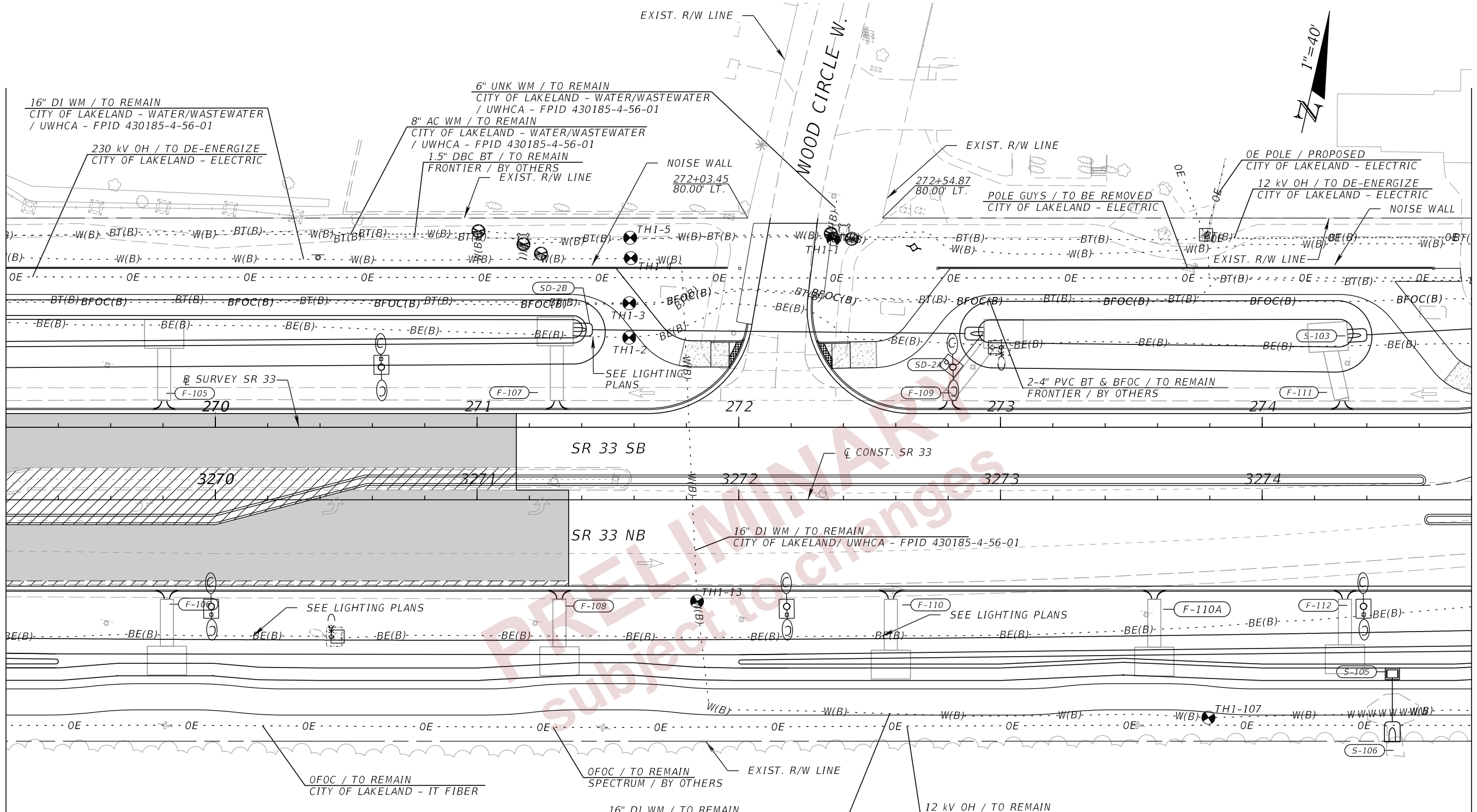
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 378
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	UTILITY ADJUSTMENTS (01)			

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MATCHLINE STA. 3269+20.00

MATCHLINE STA. 3274+80.00



LEGEND

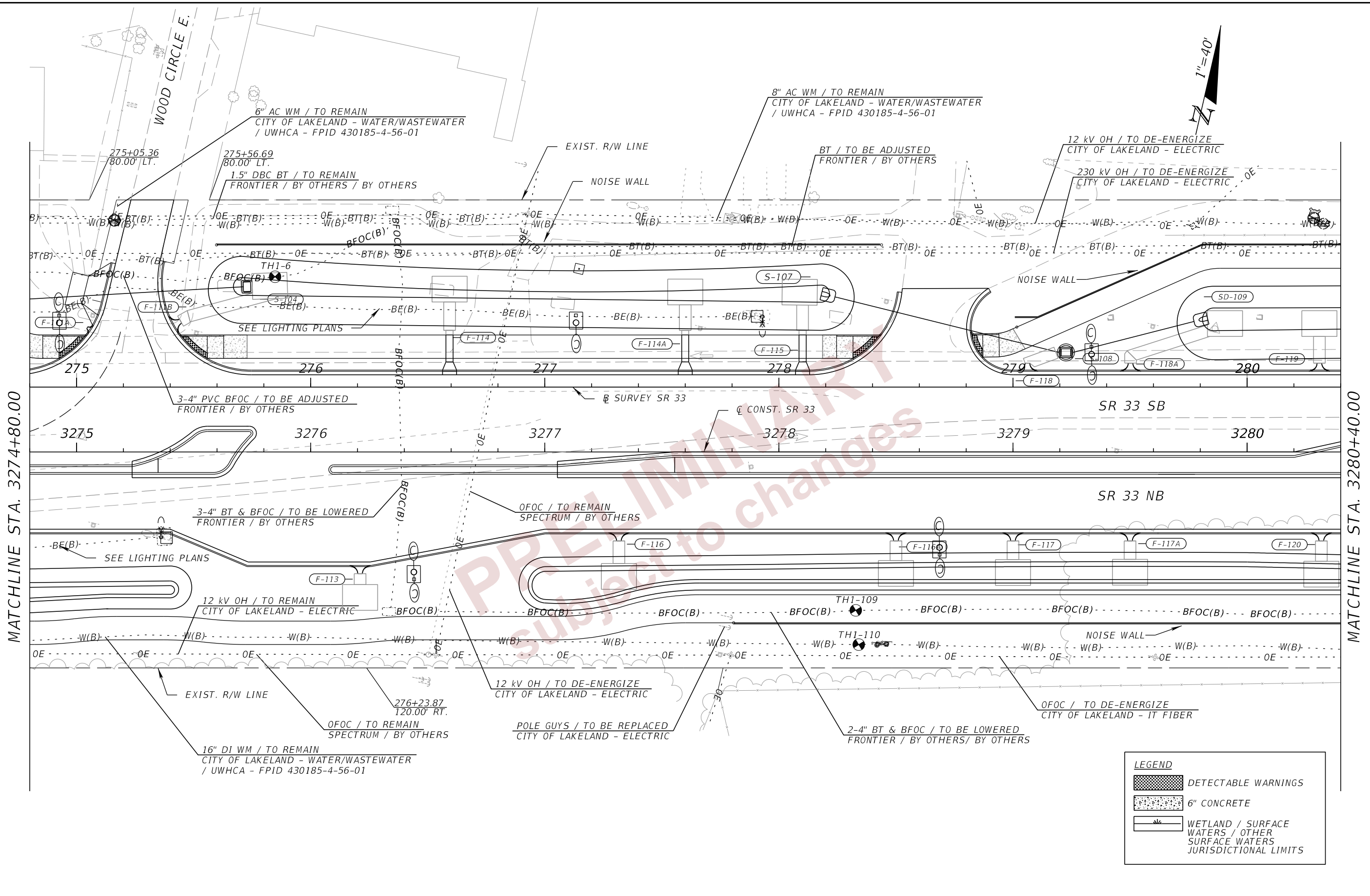
	MILLING AND RESURFACING
	DETECTABLE WARNINGS
	WIDENING
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 379
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (02)

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

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MATCHLINE STA. 3274+80.00

MATCHLINE STA. 3280+40.00



LEGEND

	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

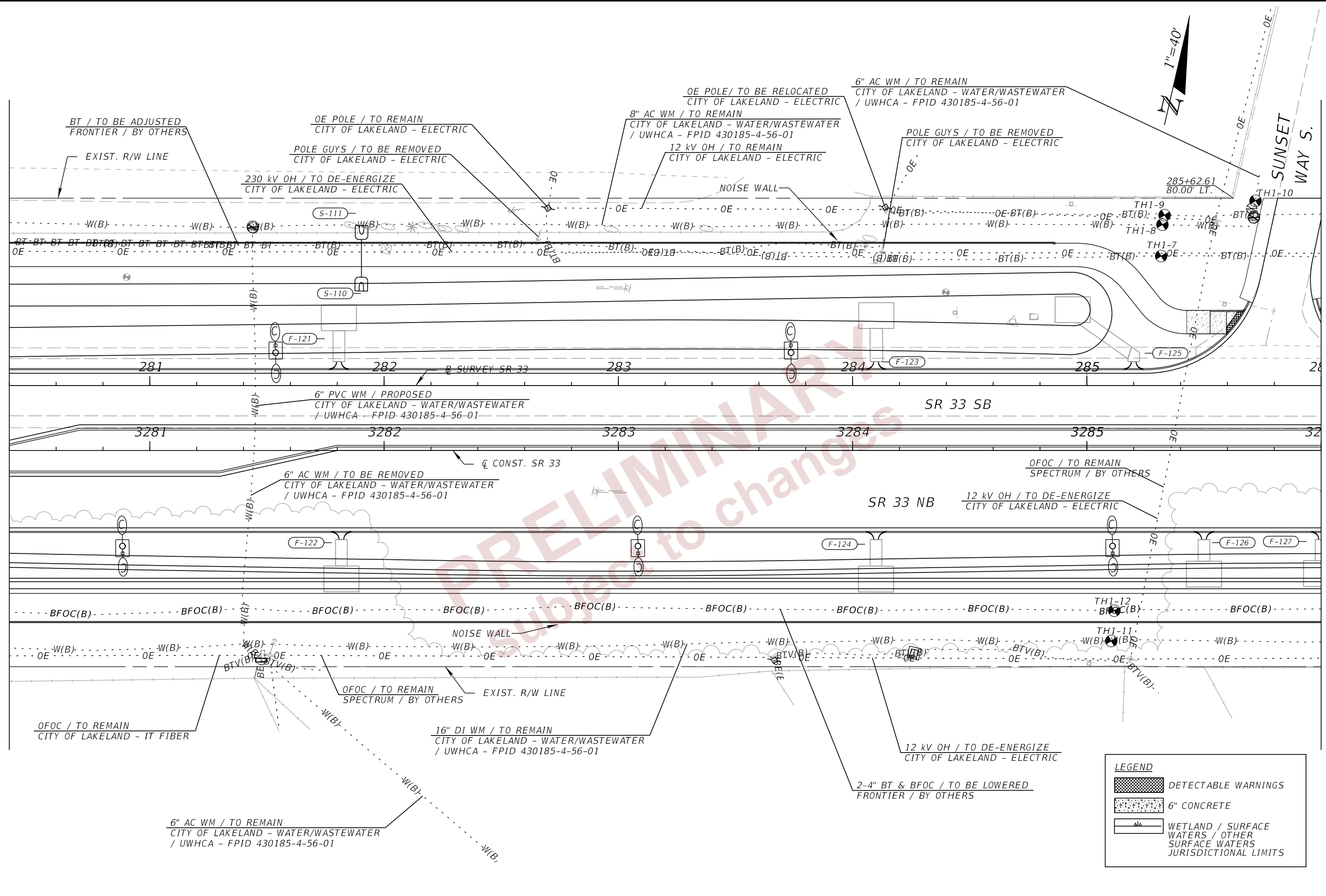
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 380
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (05)

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MATCHLINE STA. 3280+40.00



MATCHLINE STA. 3286+00.00

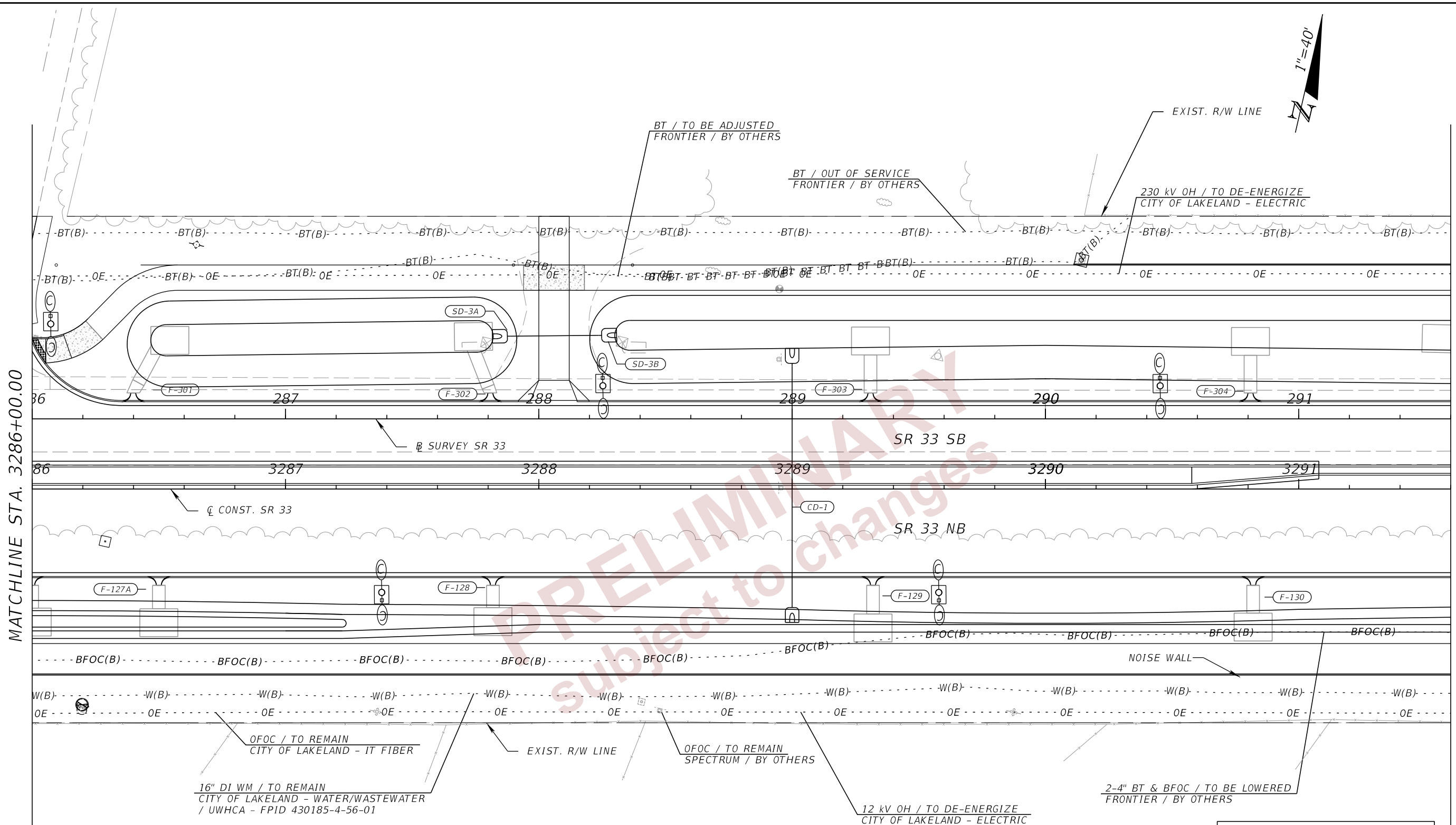
LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 381
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	

UTILITY ADJUSTMENTS (04)

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LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

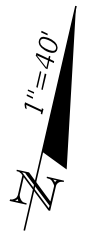
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 382
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (05)

MATCHLINE STA. 3286+00.00

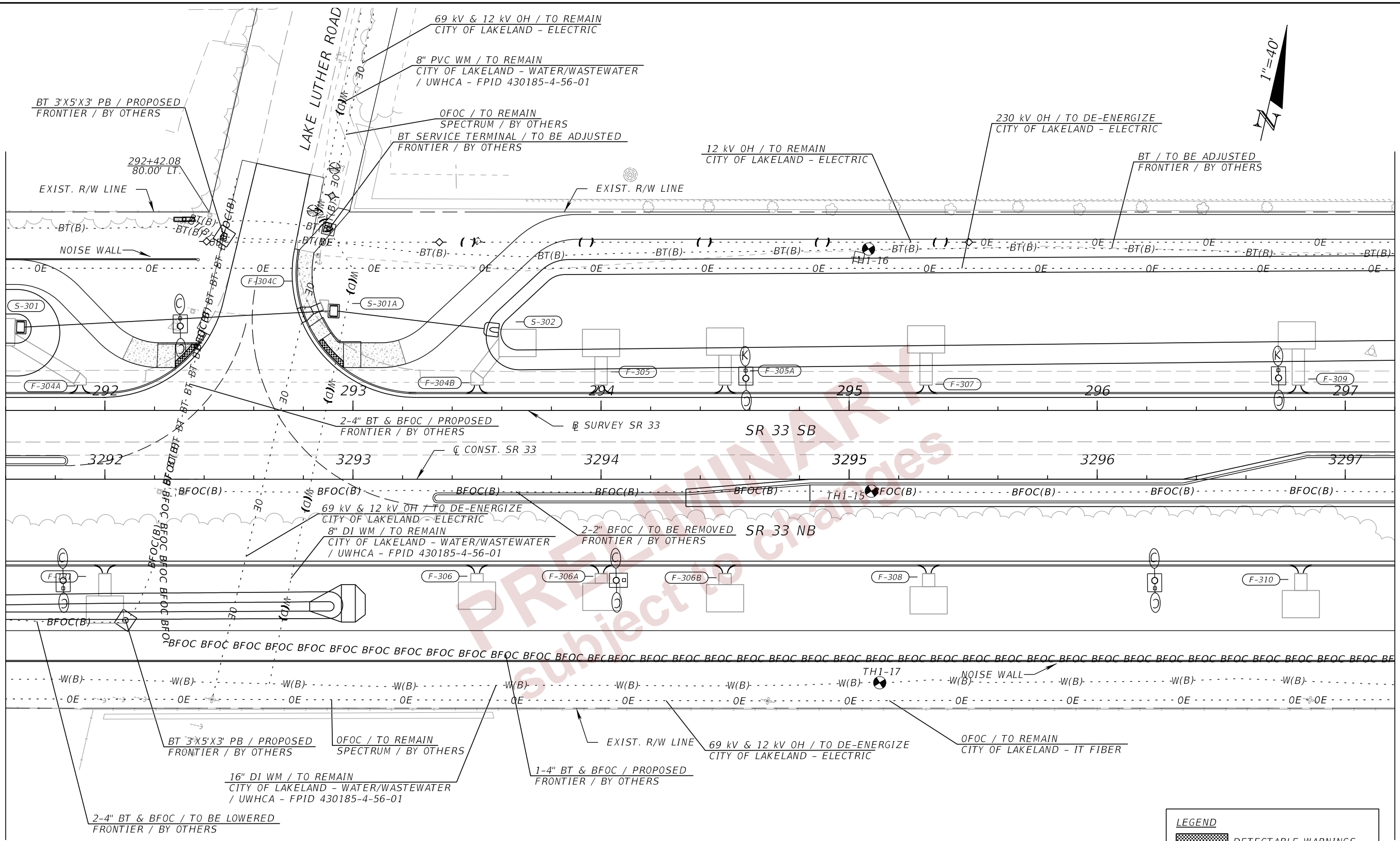
MATCHLINE STA. 3291+60.00

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MATCHLINE STA. 3291+60.00

MATCHLINE STA. 3297+20.00



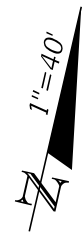
LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

2/29/2024 9:26:30 PM JTAGLIAFERRO c:\pw_working\lochner-pw-01\dms18867\PLAN\RD01.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 383
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

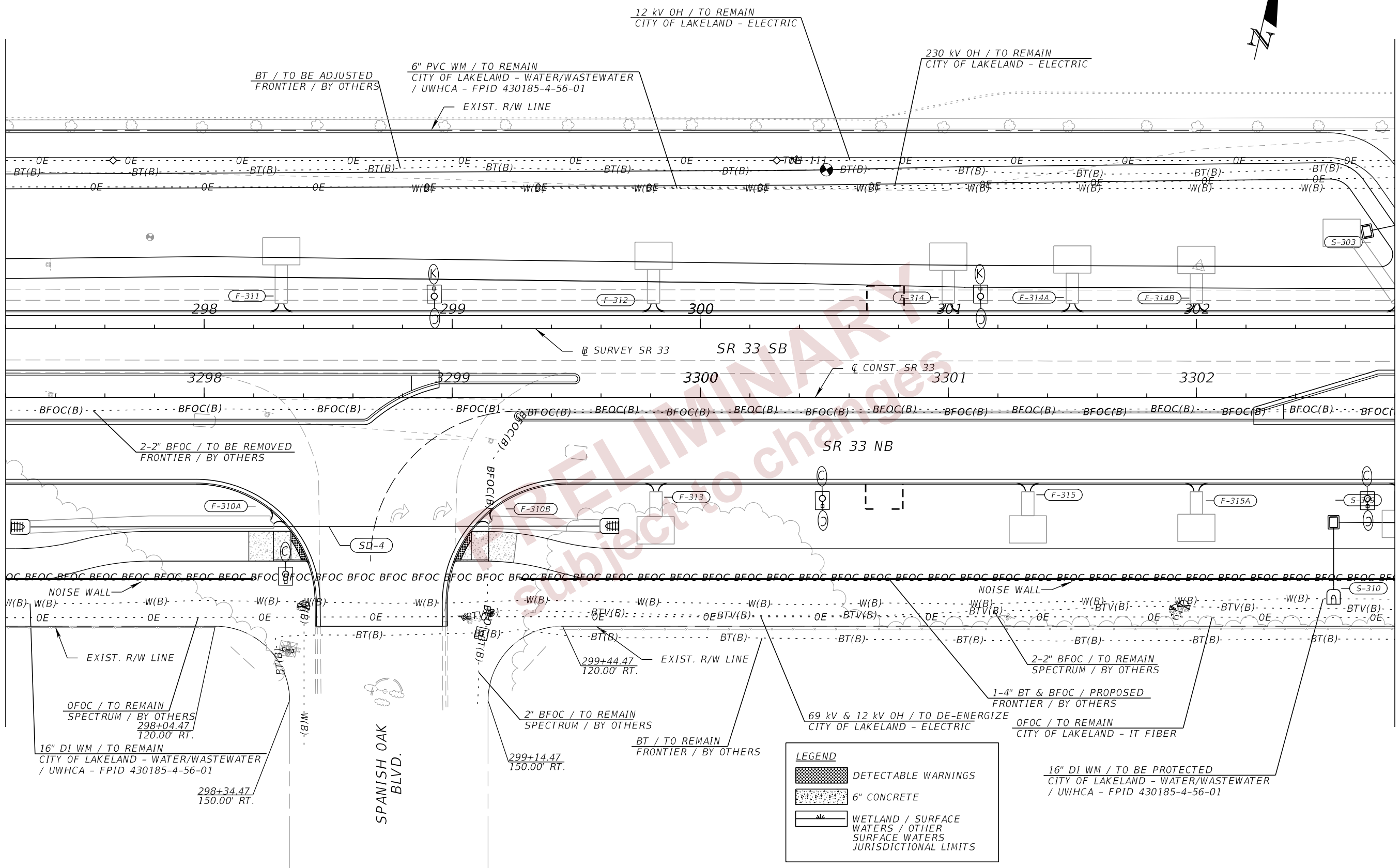
UTILITY ADJUSTMENTS (06)

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



MATCHLINE STA. 3297+20.00

MATCHLINE STA. 3302+80.00



LEGEND

- DETECTABLE WARNINGS
- 6" CONCRETE
- WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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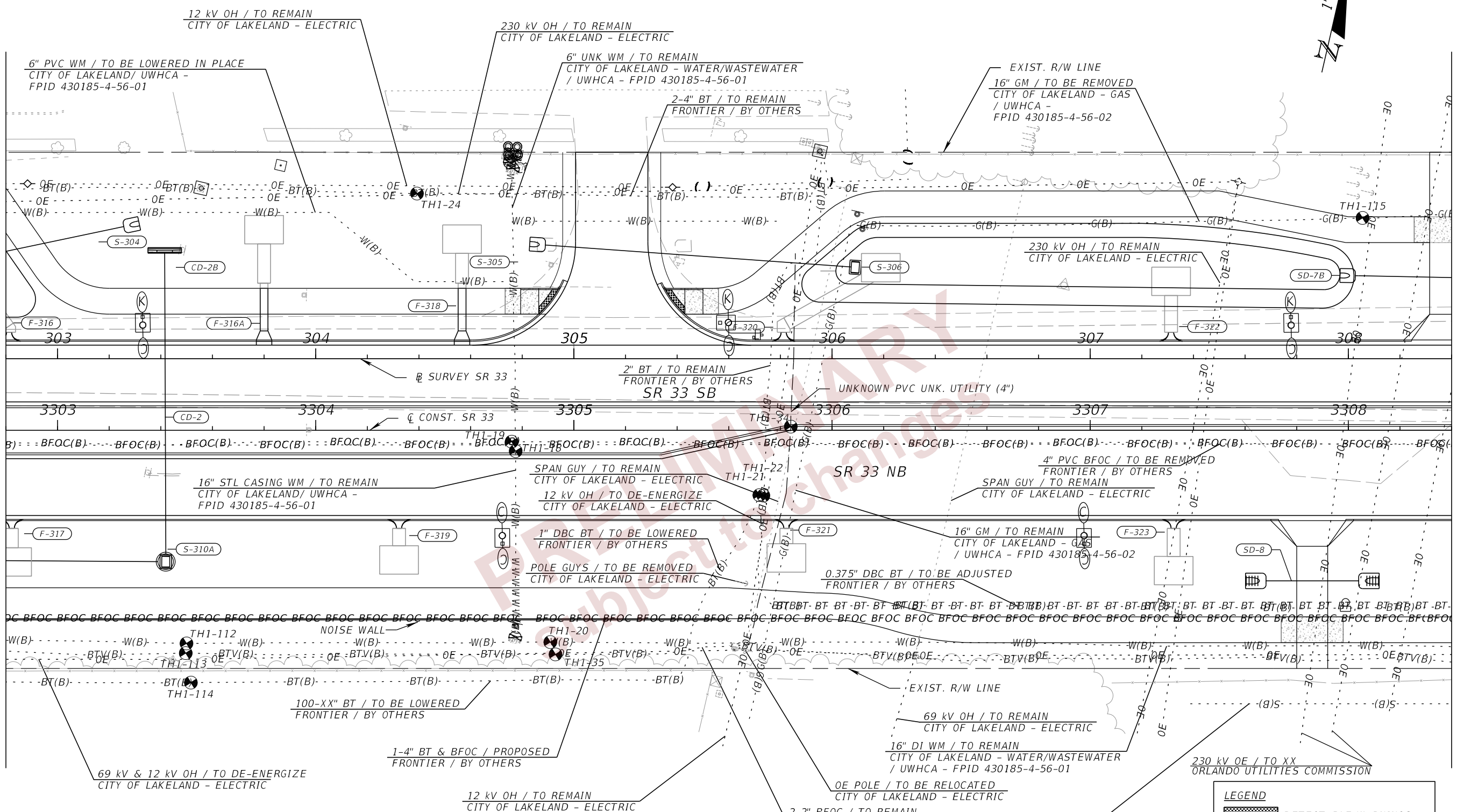
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (07)	SHEET NO. 384
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		



MATCHLINE STA. 3302+80.00

MATCHLINE STA. 3308+40.00



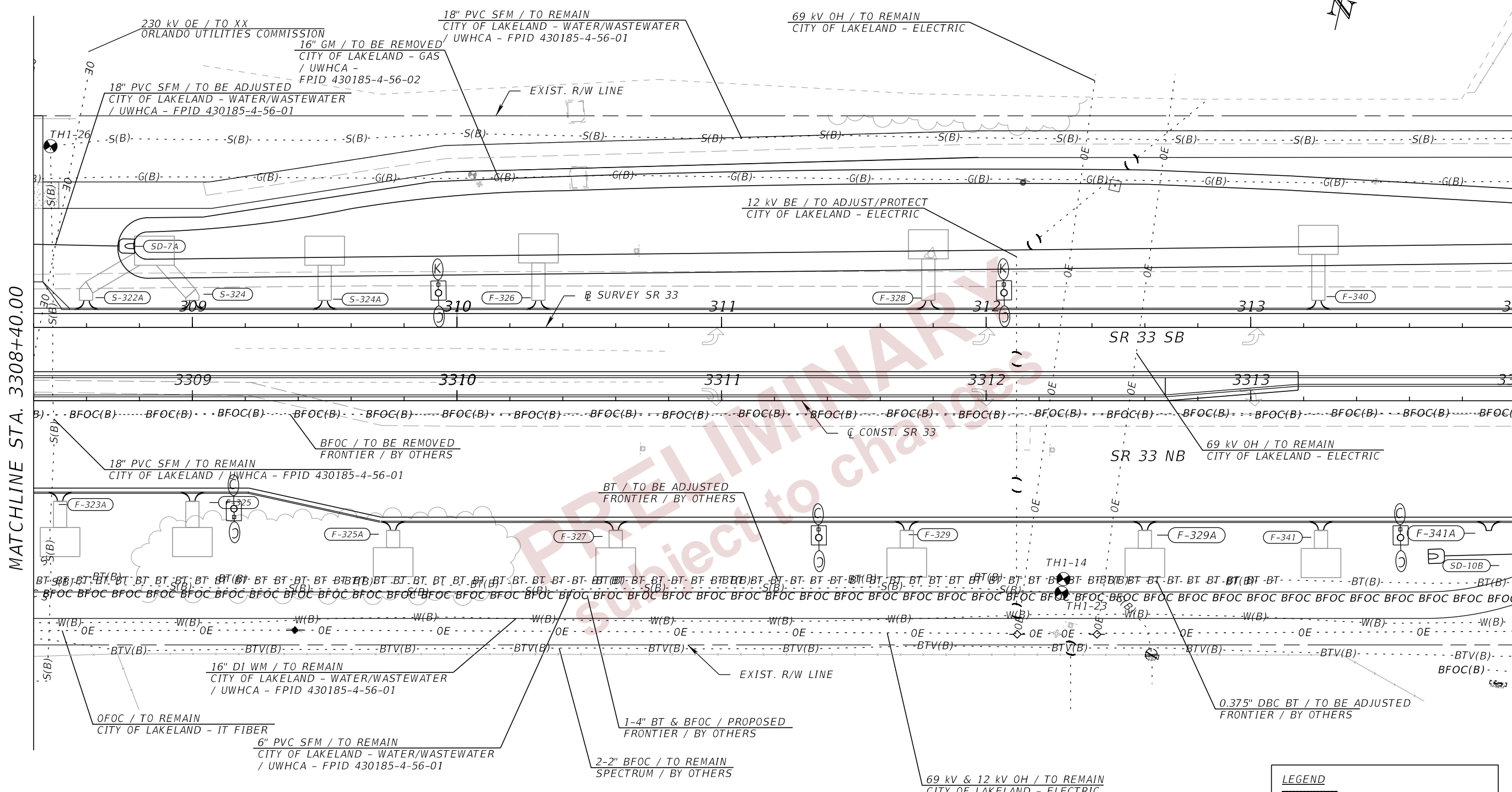
LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 385
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (08)

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



MATCHLINE STA. 3308+40.00

MATCHLINE STA. 3314+00.00

LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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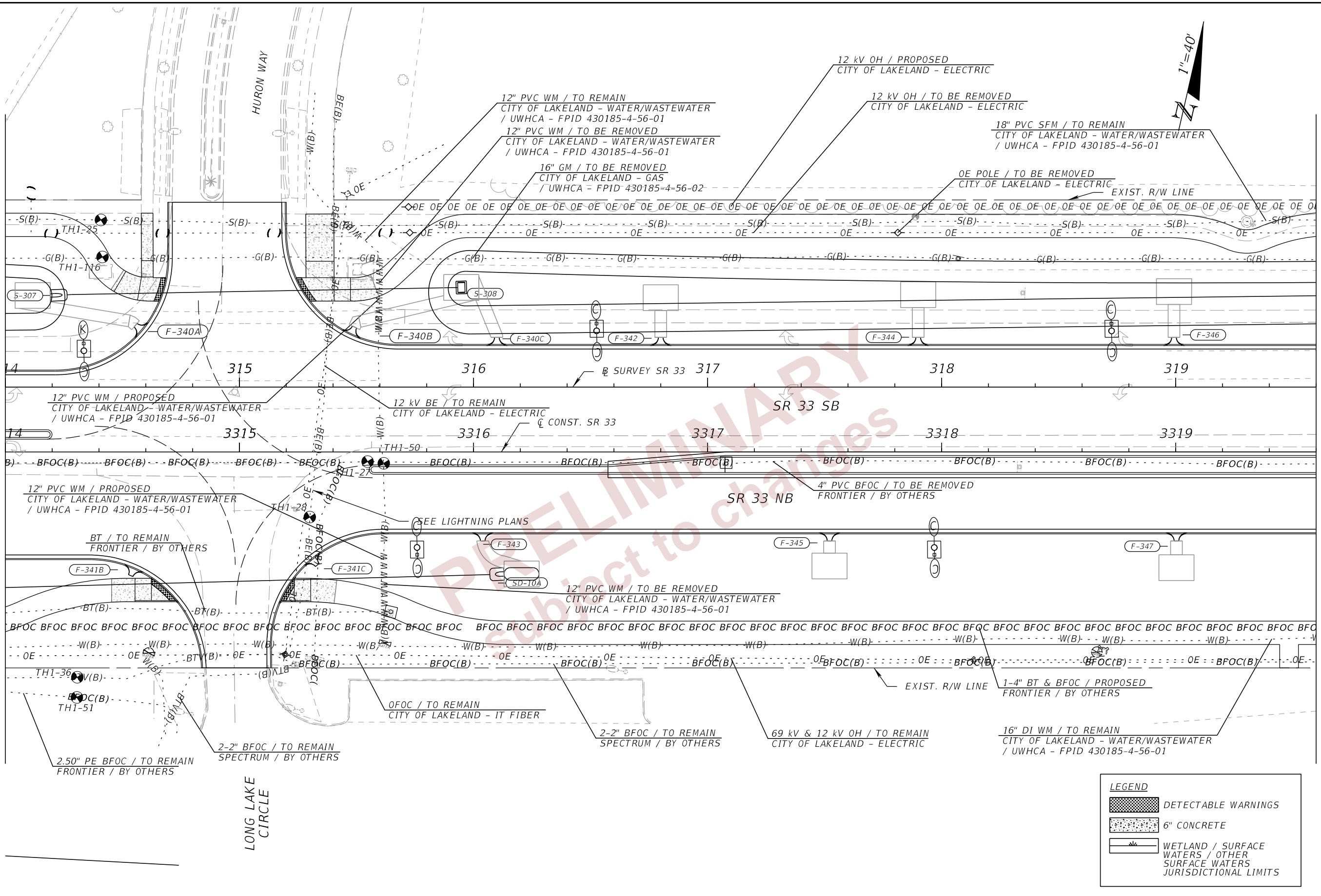
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (09)	SHEET NO. 386
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

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

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MATCHLINE STA. 3314+00.00

MATCHLINE STA. 3319+60.00



LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 387
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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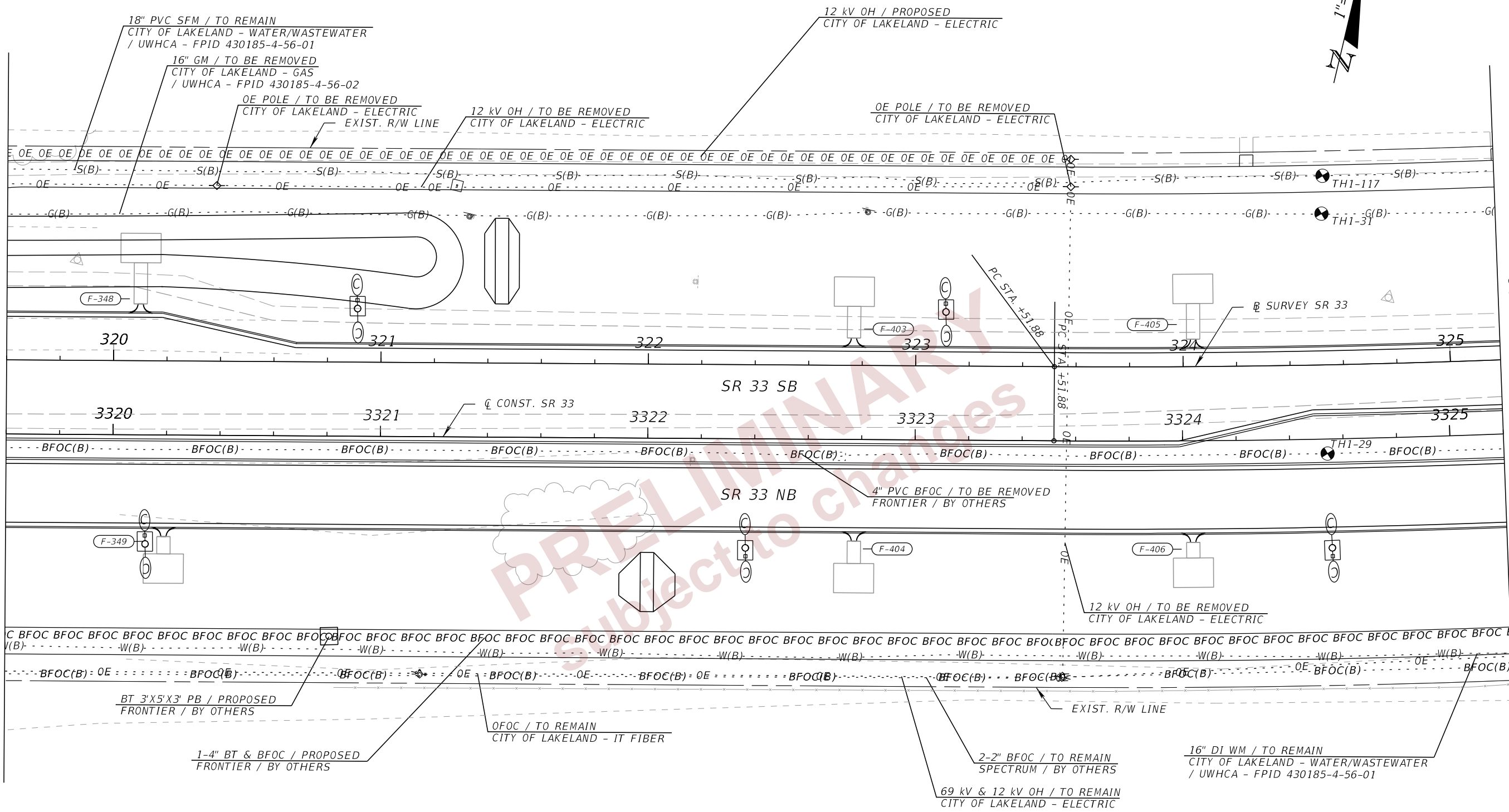
UTILITY ADJUSTMENTS (10)

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



MATCHLINE STA. 3319+60.00

MATCHLINE STA. 3325+20.00



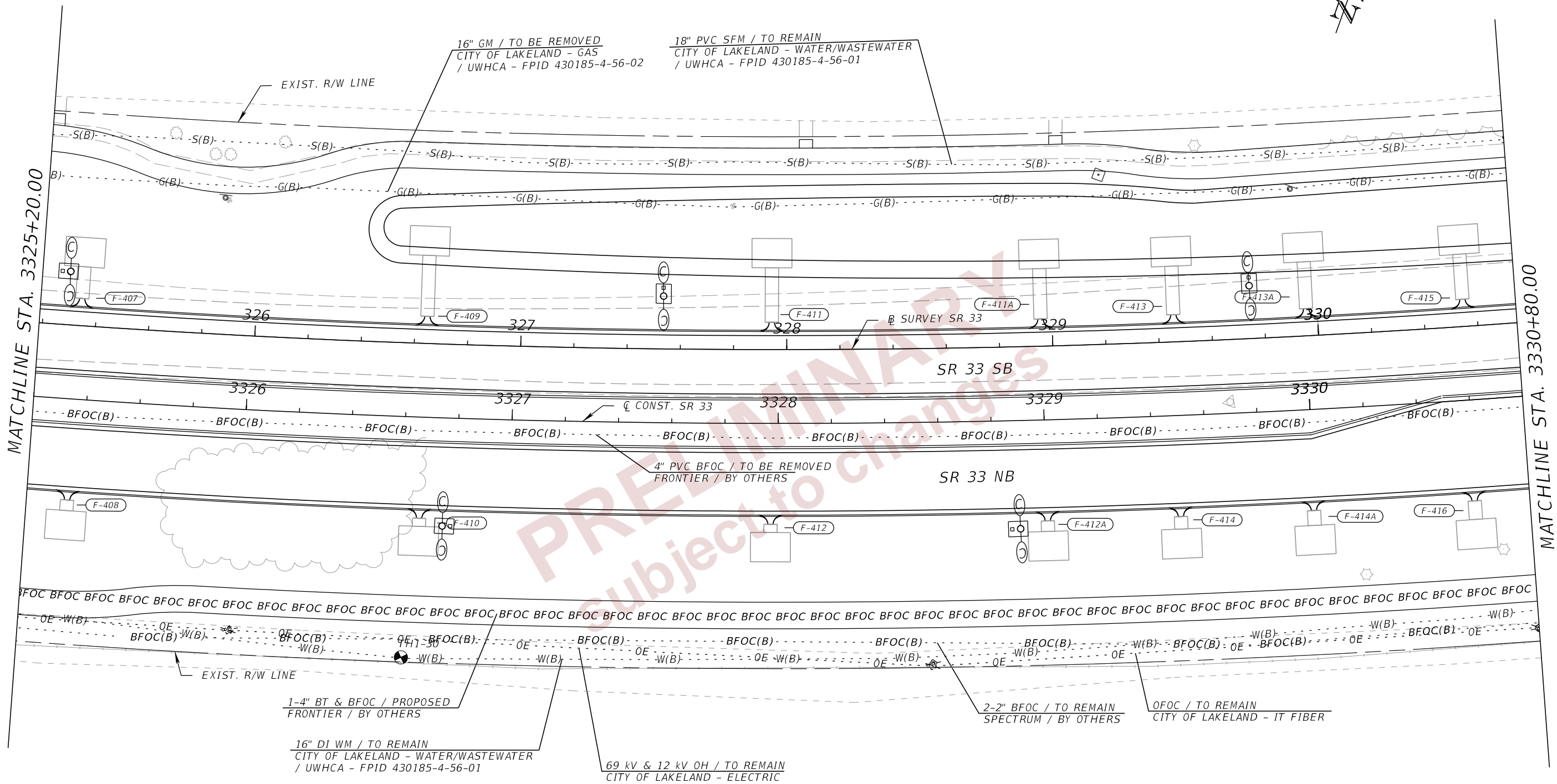
LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 388
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (11)

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



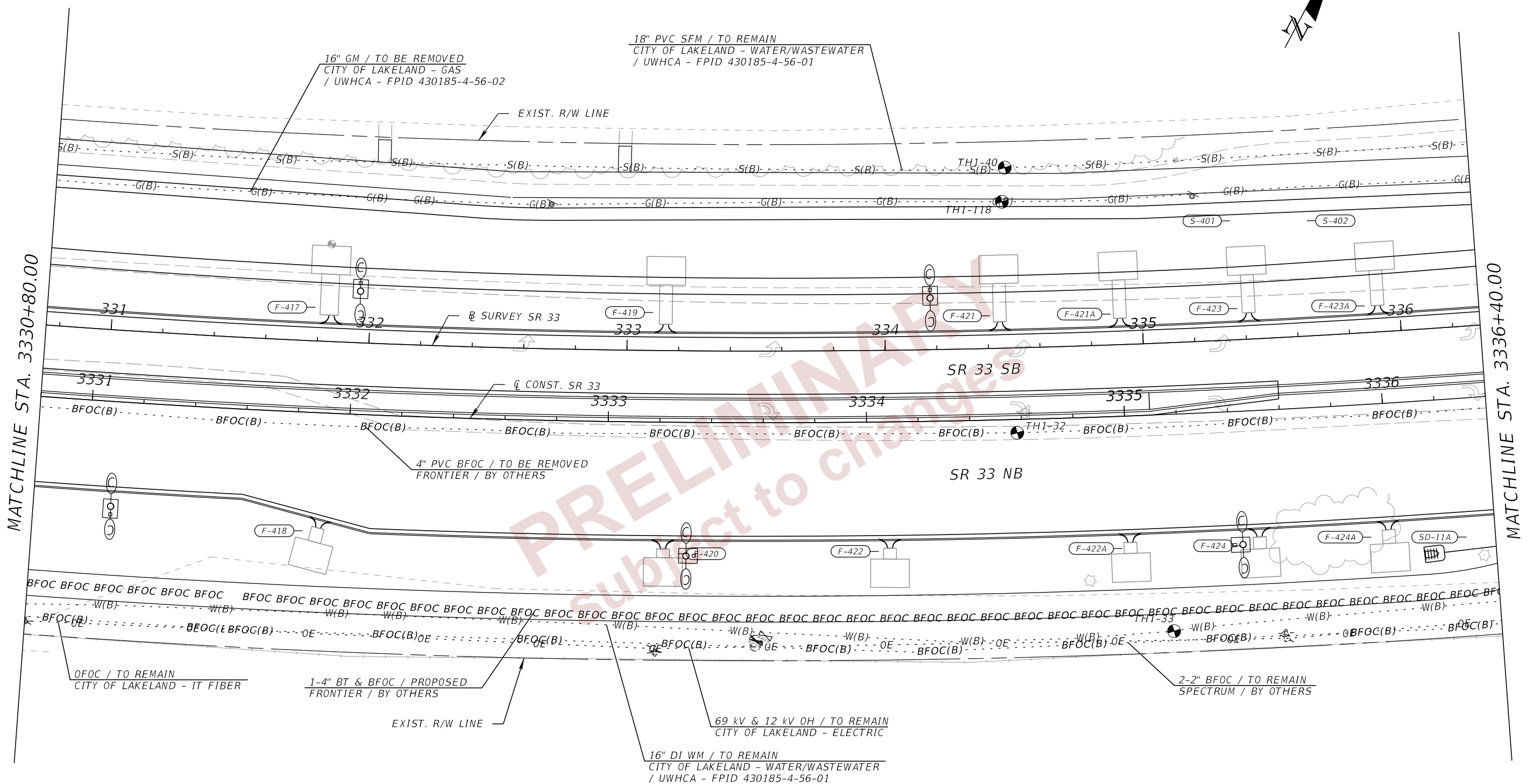
PRELIMINARY
 Subject to changes

LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (12)	SHEET NO. 389
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-4-52-01		

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



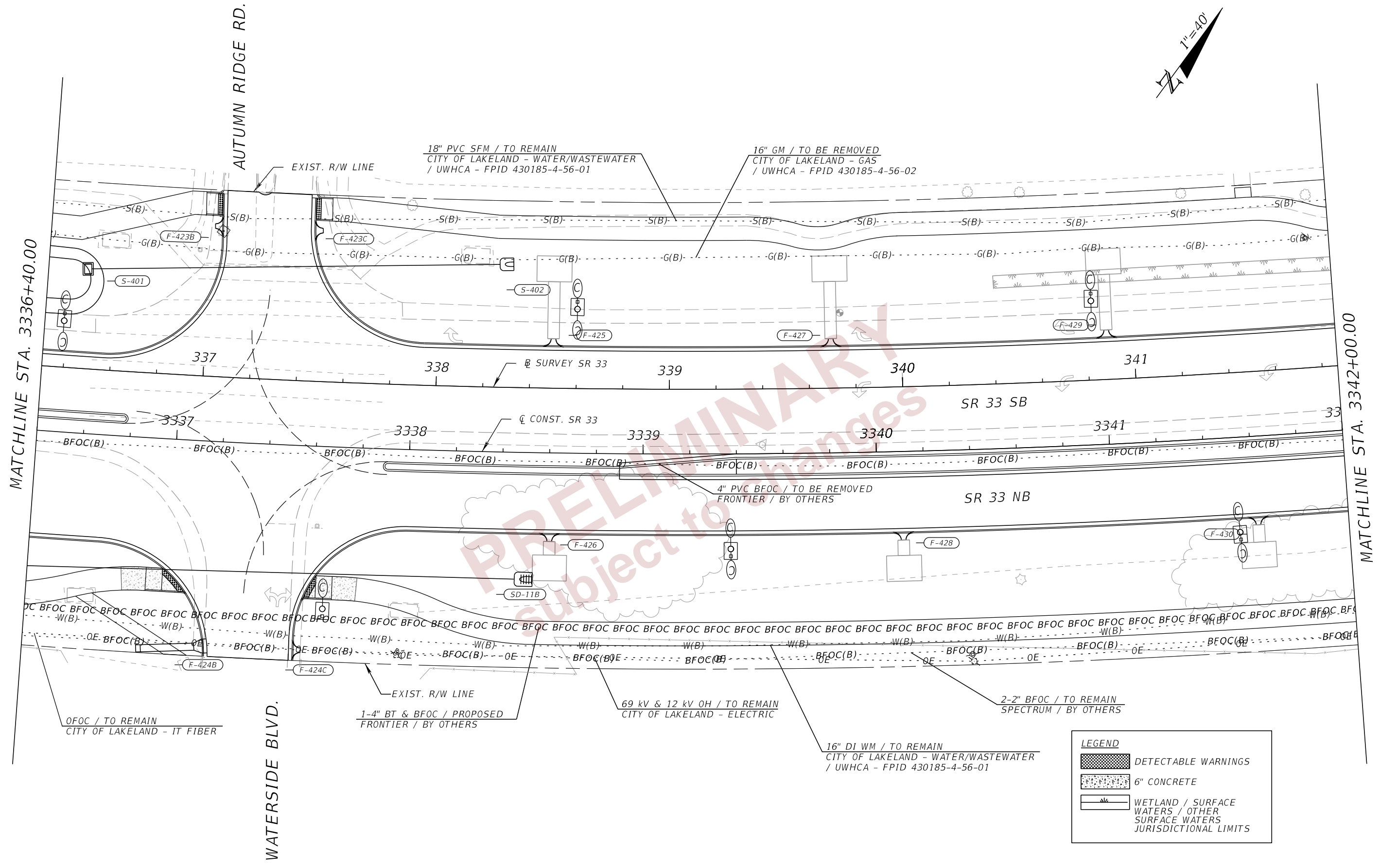
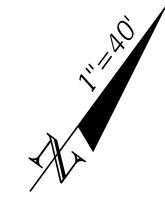
LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 390
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (15)

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



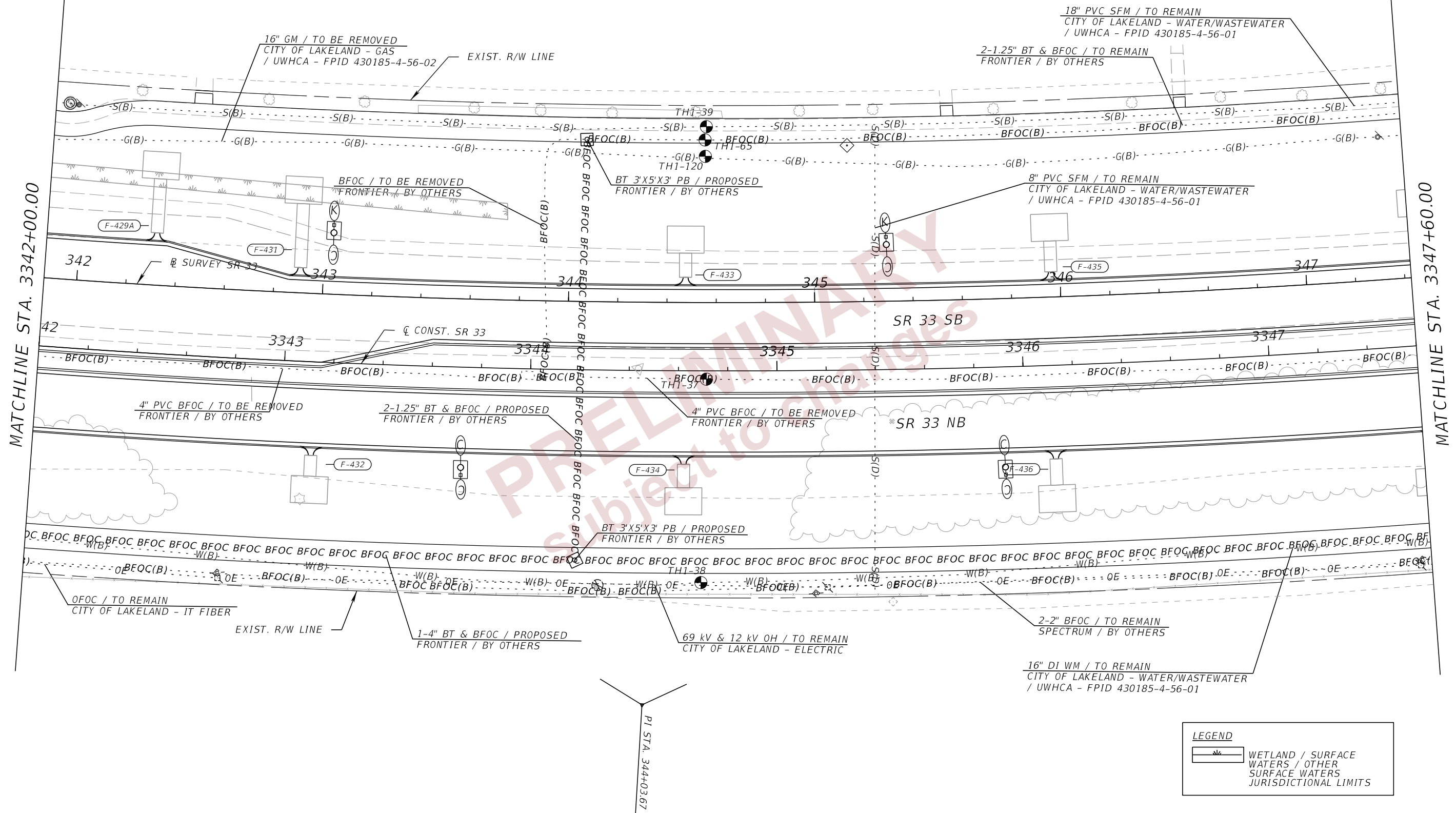
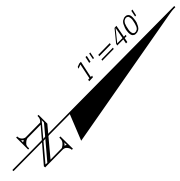
PRELIMINARY
 Subject to changes

LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	
UTILITY ADJUSTMENTS (14)									391

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



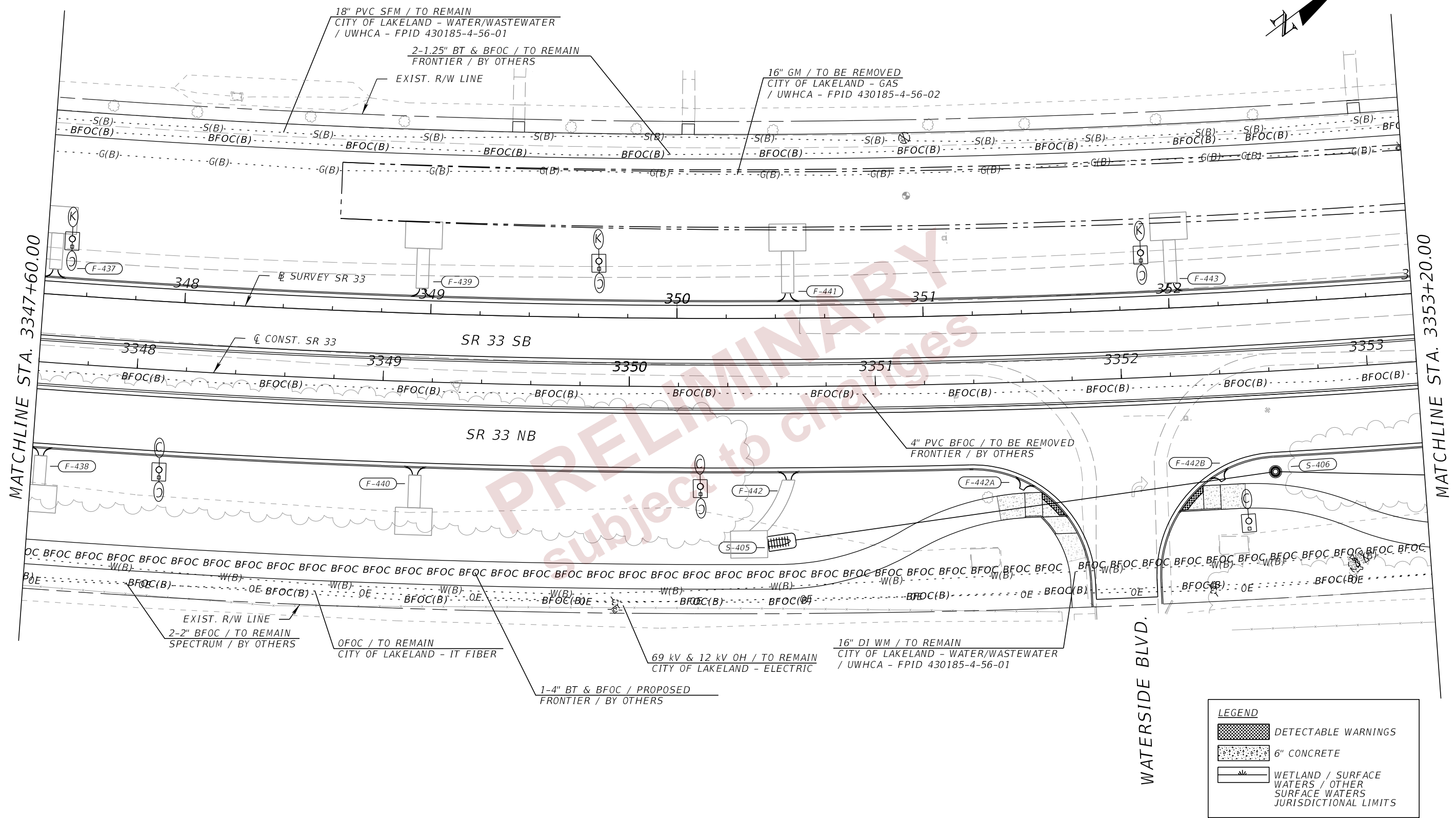
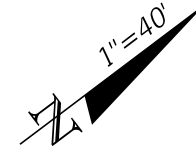
LEGEND	
	WETLAND / SURFACE WATERS / OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 392
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (15)

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



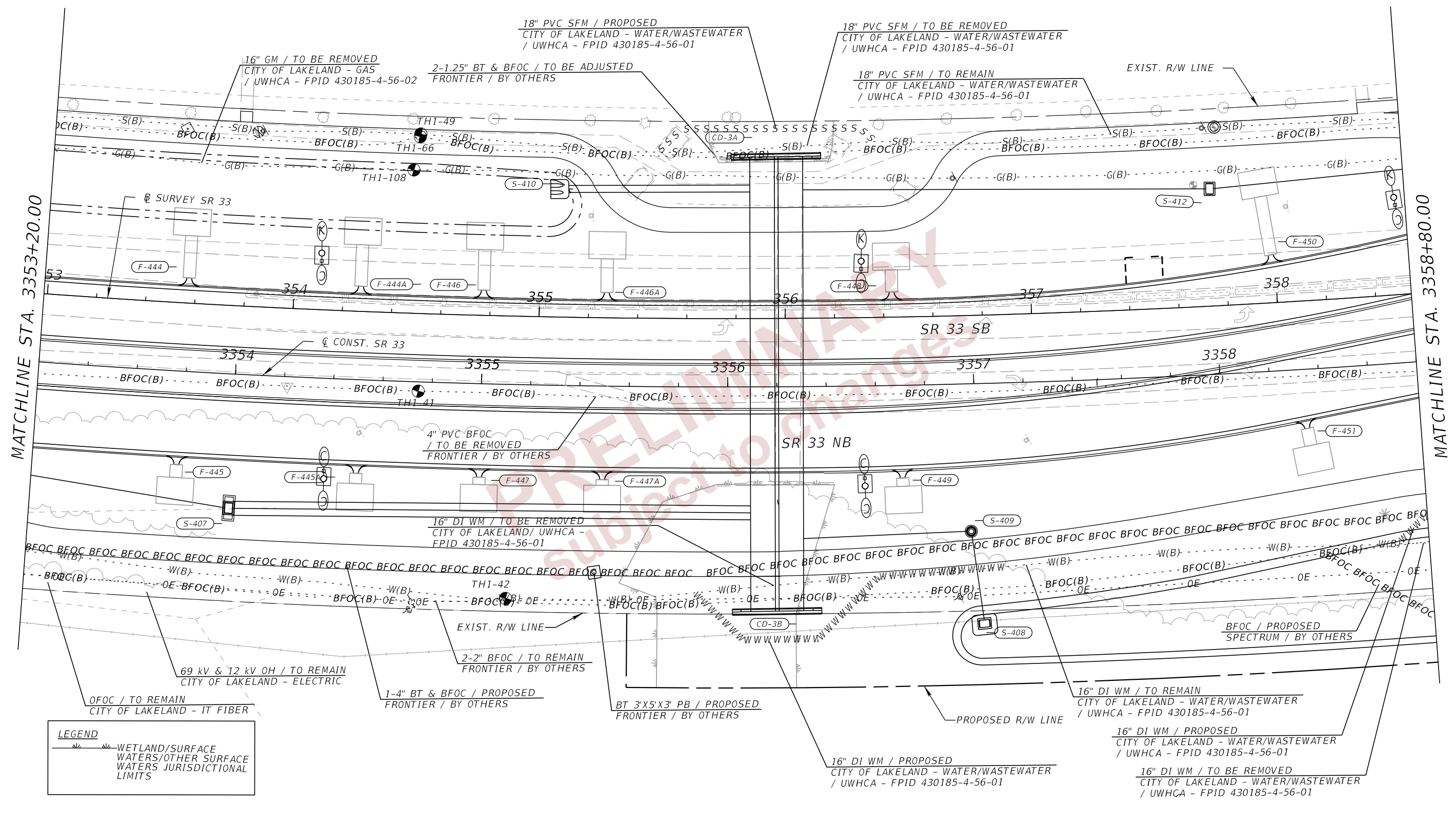
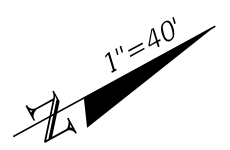
LEGEND	
	DETECTABLE WARNINGS
	6\"/>

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 393
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (16)

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



LEGEND

	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS
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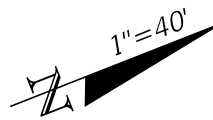
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 394
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

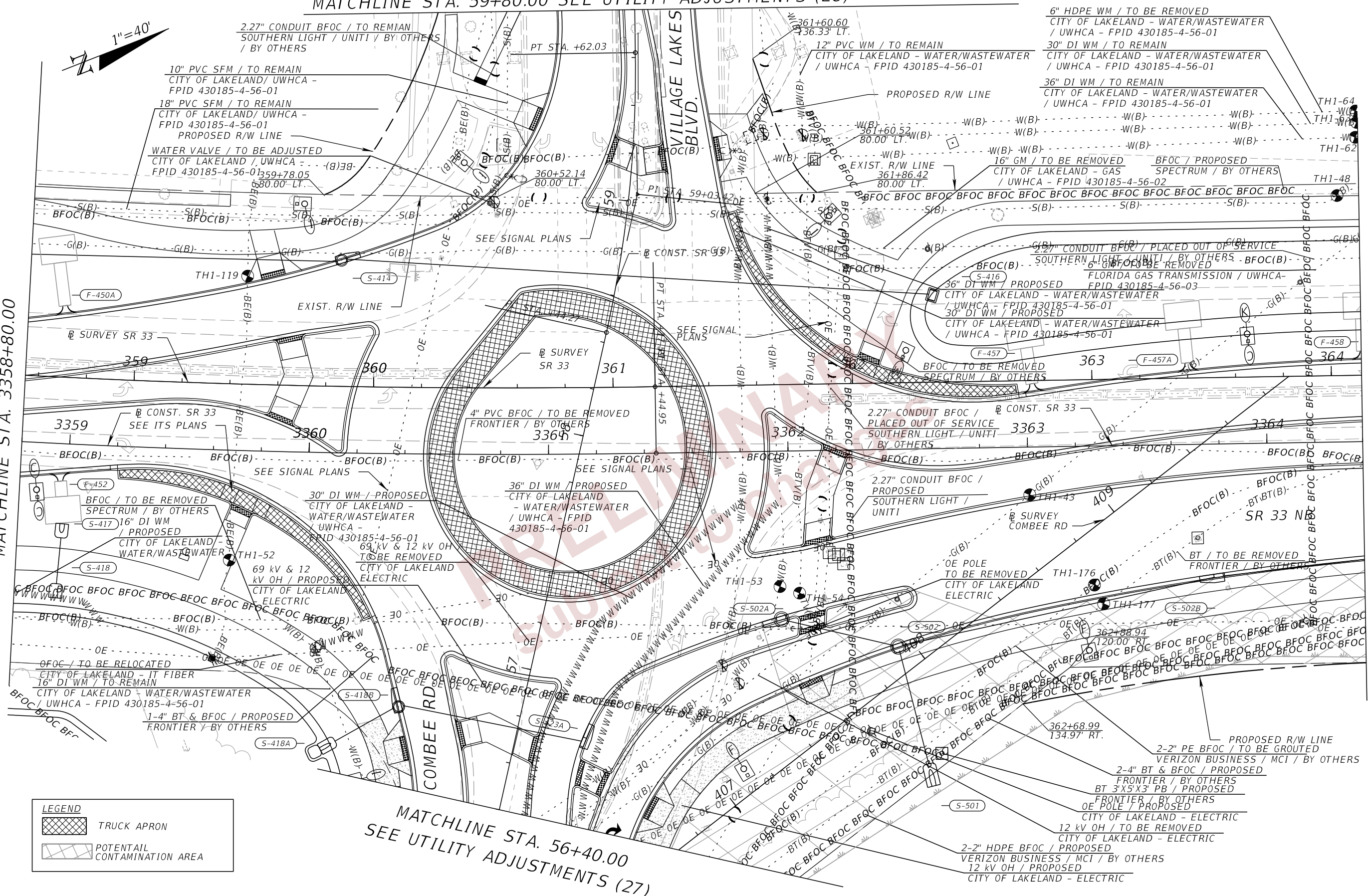
UTILITY ADJUSTMENTS (17)

MATCHLINE STA. 59+80.00 SEE UTILITY ADJUSTMENTS (28)



MATCHLINE STA. 3358+80.00

MATCHLINE STA. 3364+40.00



MATCHLINE STA. 56+40.00
SEE UTILITY ADJUSTMENTS (27)

LEGEND	
	TRUCK APRON
	POTENTIAL CONTAMINATION AREA

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 395
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-4-52-01		
UTILITY ADJUSTMENTS (18)									

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

1"=40'

6" STL GM / TO BE REMOVED
CITY OF LAKELAND
- WATER/WASTEWATER
/ UWHCA - FPID 430185-4-56-01

18" PVC SFM / TO REMAIN
CITY OF LAKELAND - WATER/WASTEWATER
/ UWHCA - FPID 430185-4-56-01

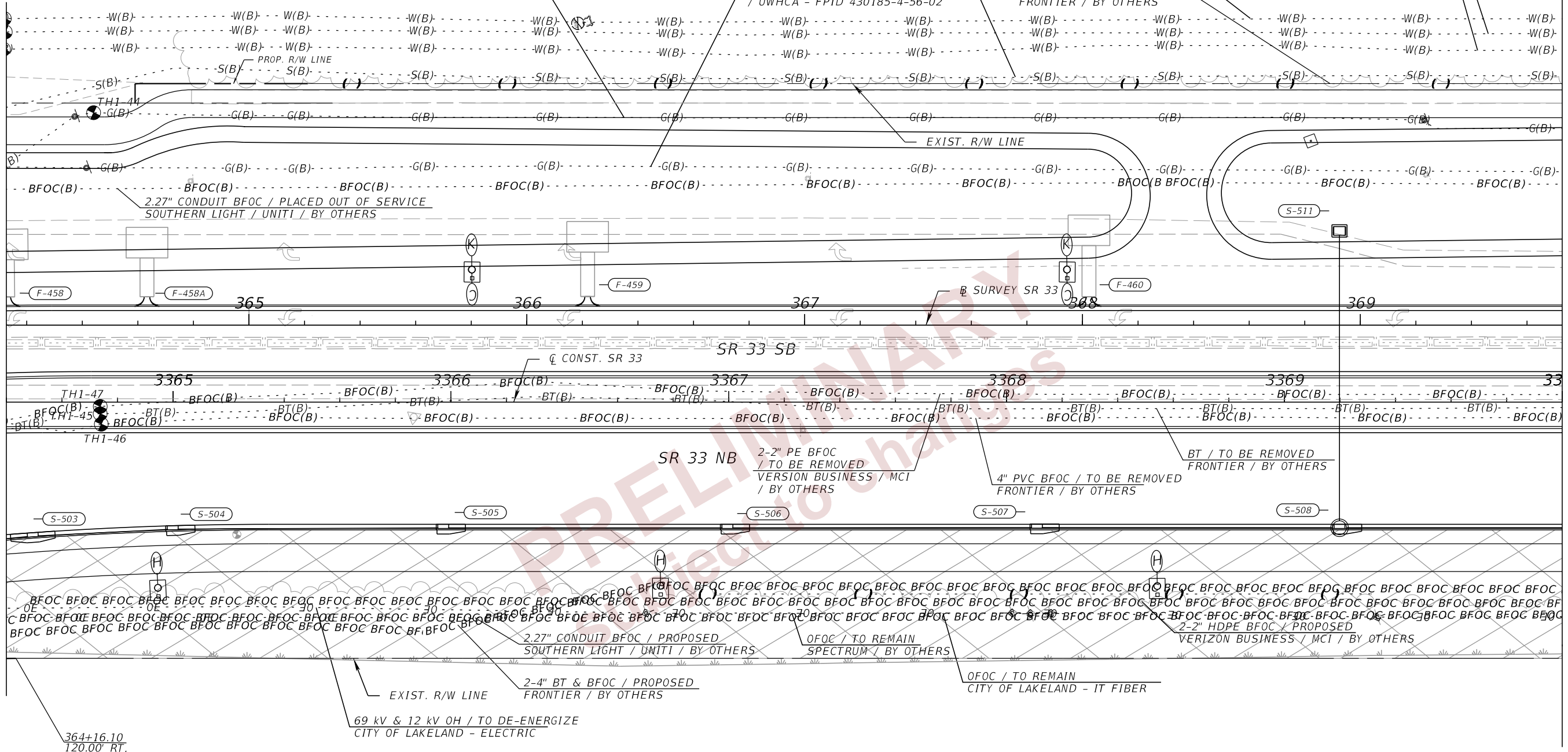
6" HDPE WM / TO BE REMOVED
CITY OF LAKELAND - WATER/WASTEWATER
/ UWHCA - FPID 430185-4-56-01

30" DI WM / TO REMAIN
CITY OF LAKELAND - WATER/WASTEWATER
/ UWHCA - FPID 430185-4-56-01

36" DI WM / TO REMAIN
CITY OF LAKELAND - WATER/WASTEWATER
/ UWHCA - FPID 430185-4-56-01

16" GM / TO BE REMOVED
CITY OF LAKELAND - GAS
/ UWHCA - FPID 430185-4-56-02

2-4" BT & BFOC / TO REMAIN
FRONTIER / BY OTHERS



MATCHLINE STA. 3364+40.00

MATCHLINE STA. 3370+00.00

LEGEND

- WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS
- POTENTIAL CONTAMINATION AREA

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 396
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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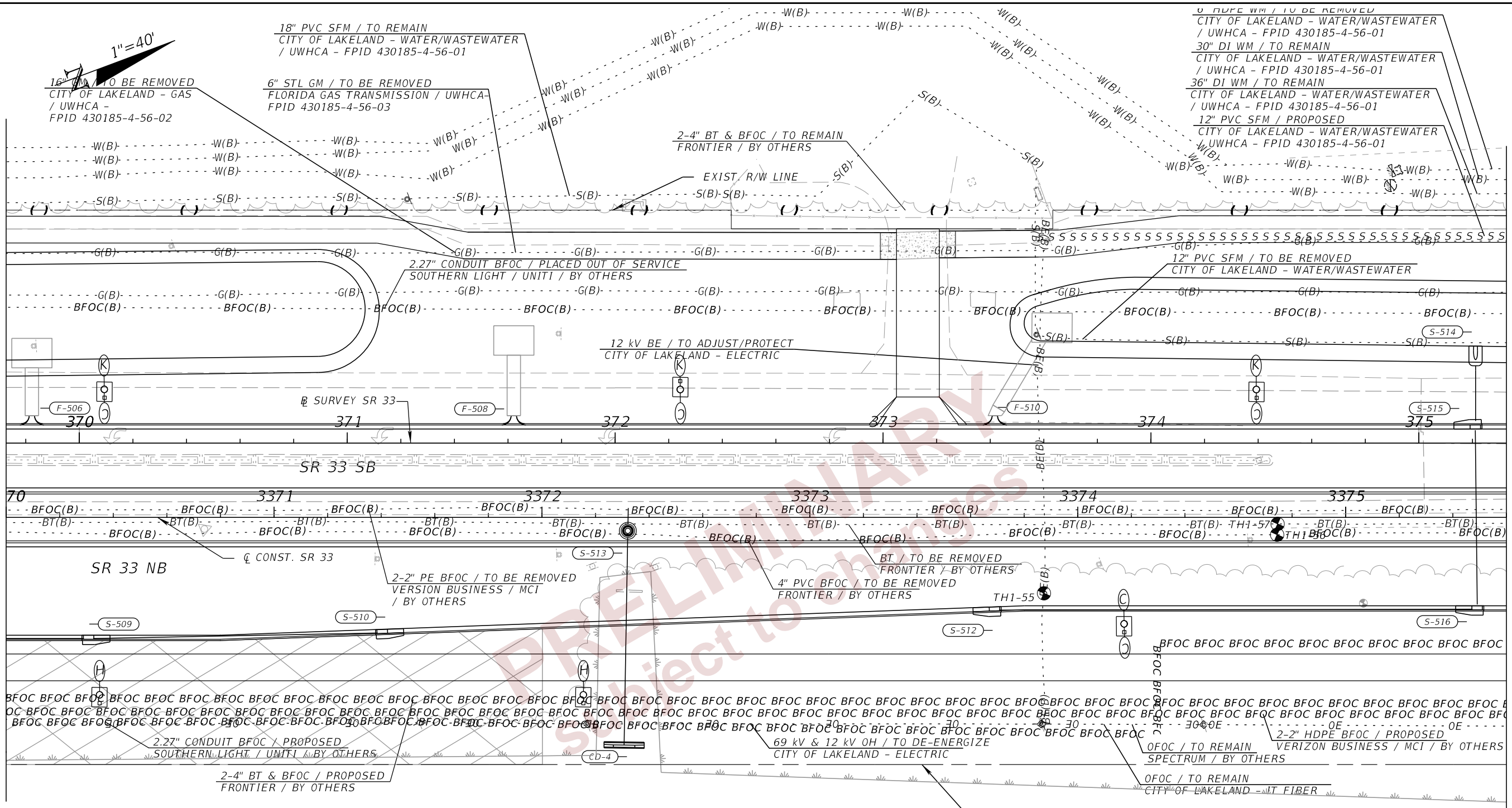
UTILITY ADJUSTMENTS (19)

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

1"=40'

MATCHLINE STA. 3370+00.00

MATCHLINE STA. 3375+60.00



LEGEND

	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS
	POTENTIAL CONTAMINATION AREA

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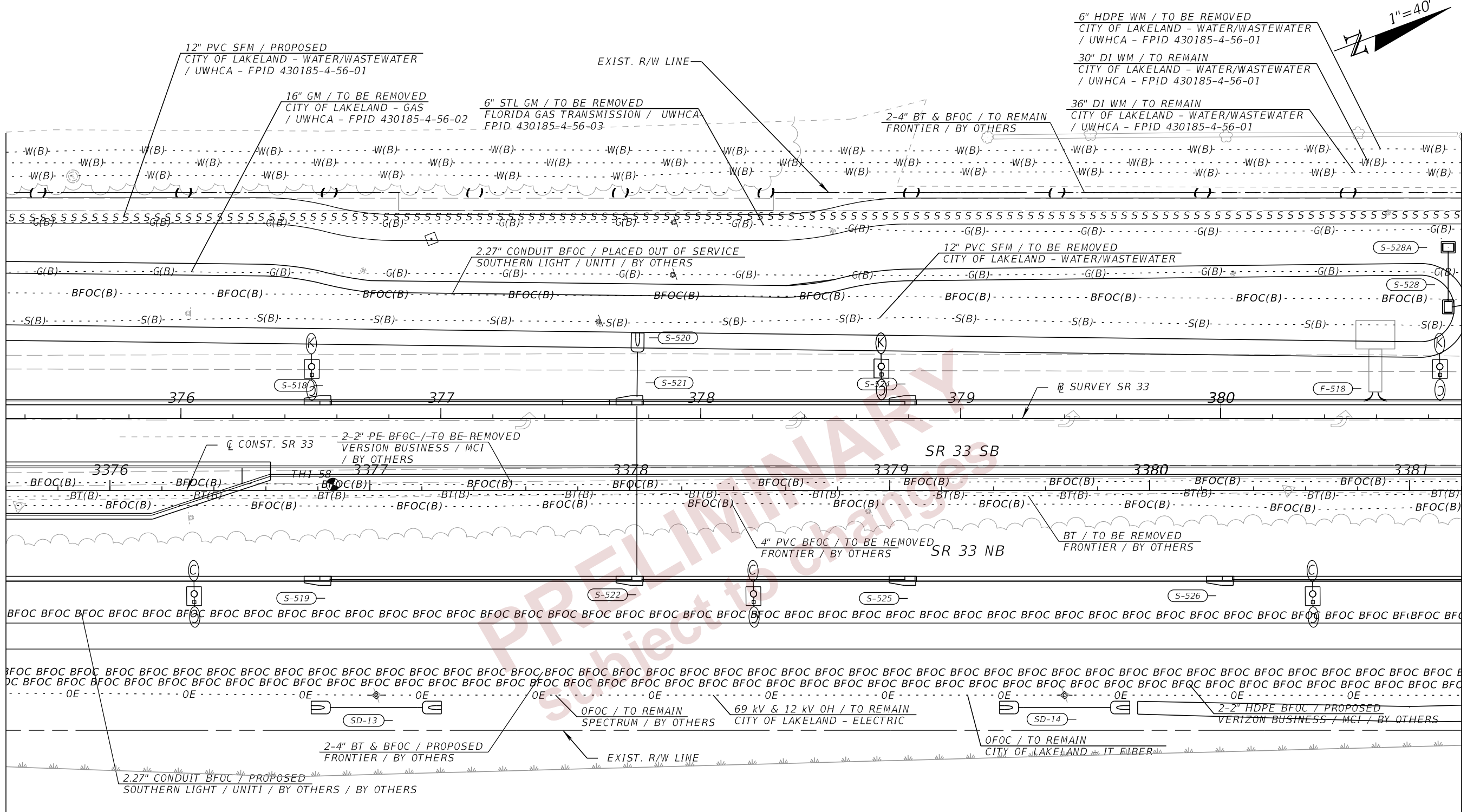
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (20)	SHEET NO. 397
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

1"=40'

MATCHLINE STA. 3375+60.00

MATCHLINE STA. 3381+20.00



LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (21)	SHEET NO. 398
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 33	POLK	430185-4-52-01		

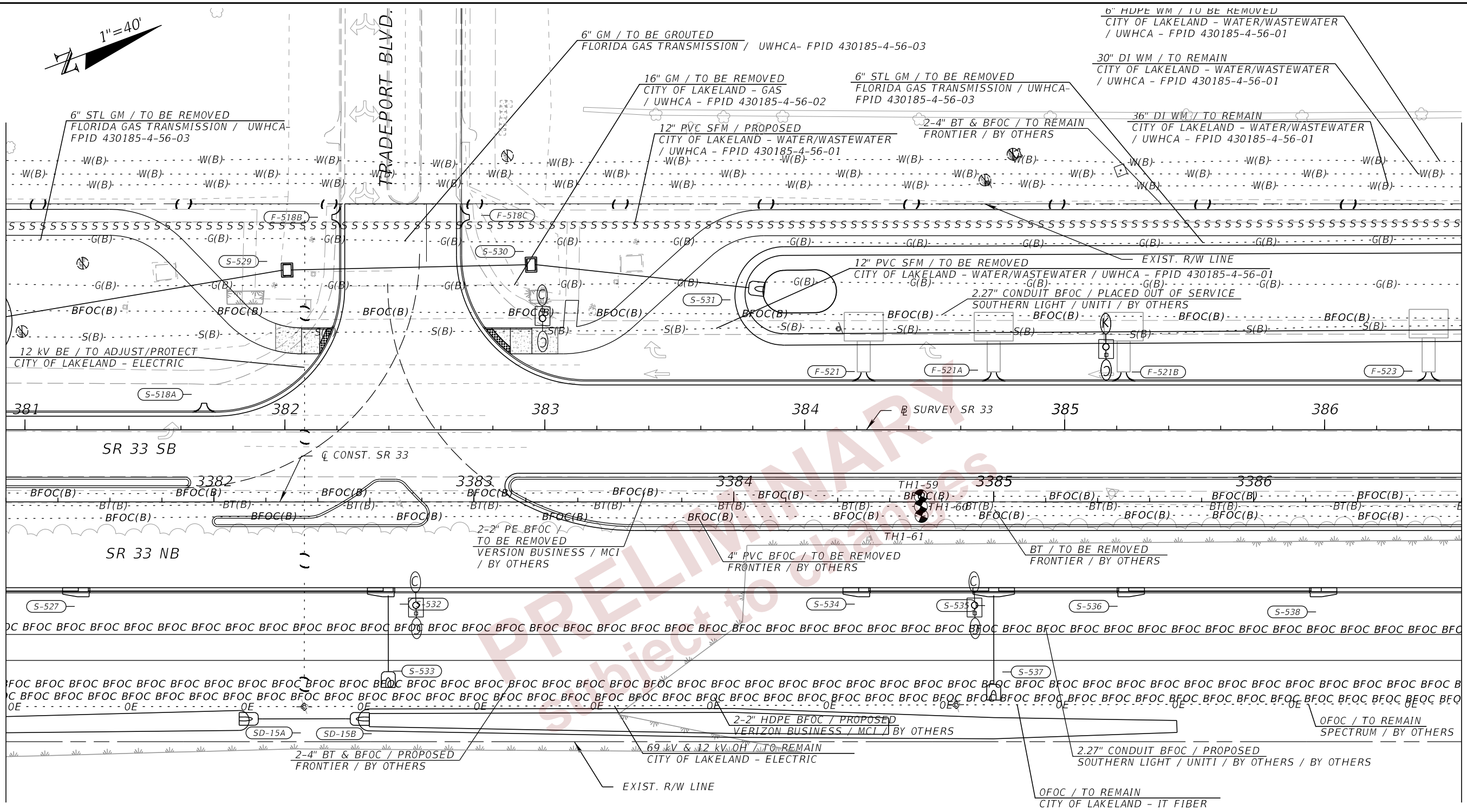
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

1"=40'

TRADEPORT BLVD.

MATCHLINE STA. 3381+20.00

MATCHLINE STA. 3386+80.00



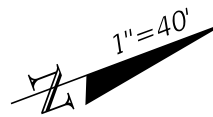
LEGEND	
	DETECTABLE WARNINGS
	6" CONCRETE

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 399
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

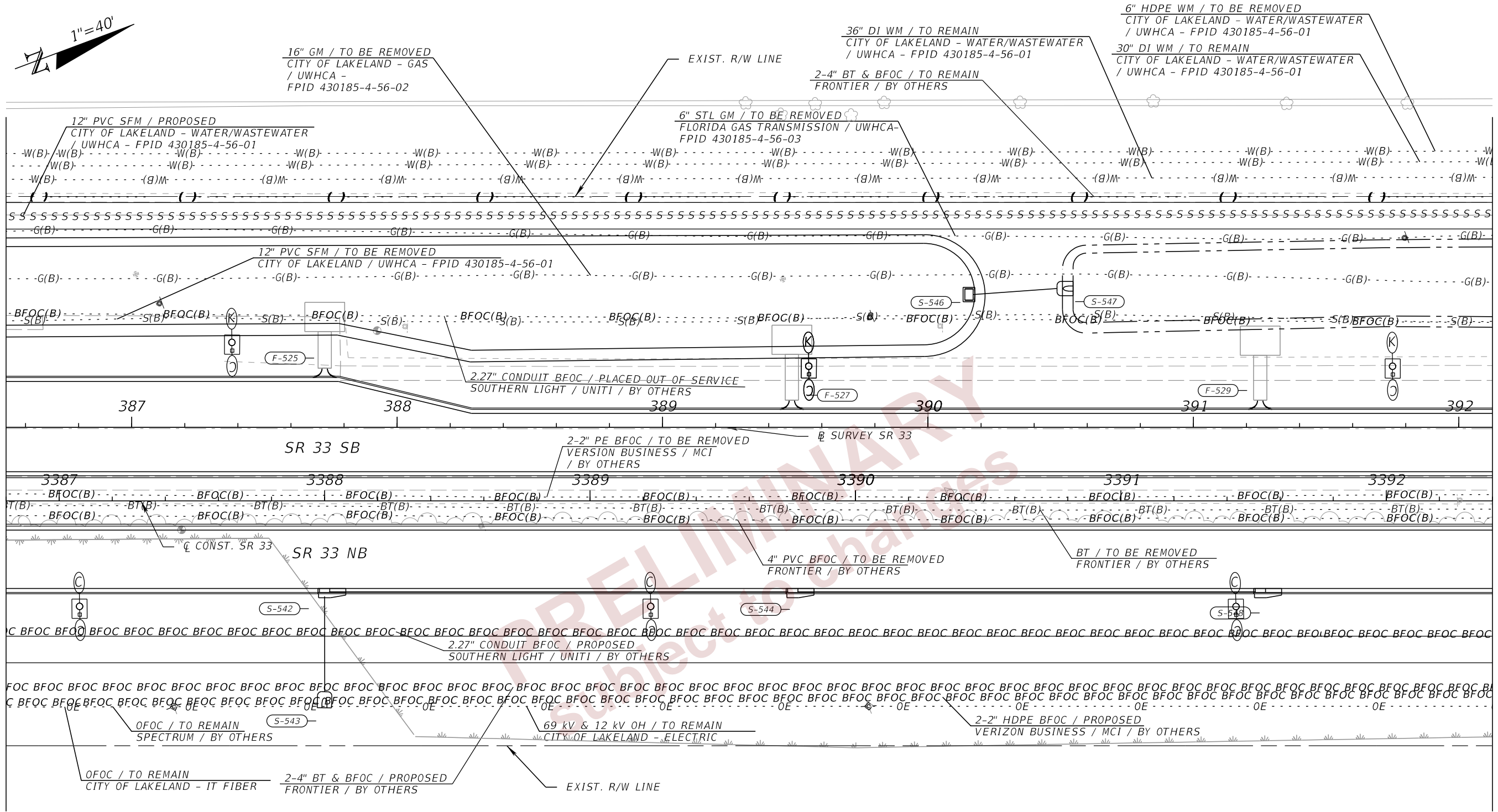
UTILITY ADJUSTMENTS (22)

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



MATCHLINE STA. 3386+80.00

MATCHLINE STA. 3392+40.00



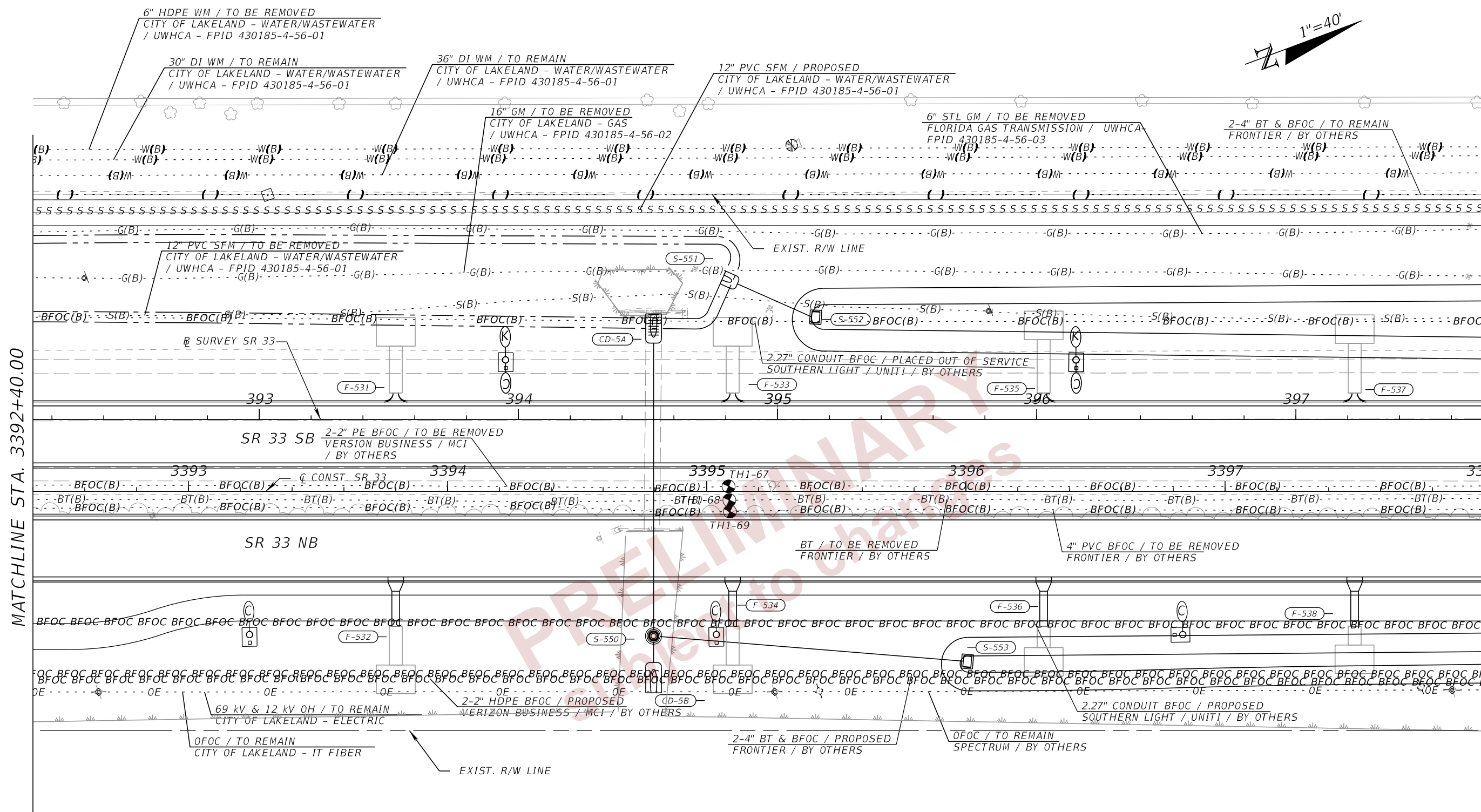
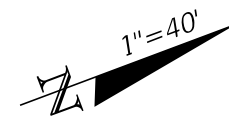
LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 400
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (25)



MATCHLINE STA. 3392+40.00

MATCHLINE STA. 3398+00.00

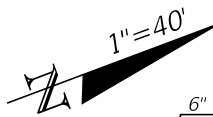
LEGEND	
	WETLAND/SURFACE WATERS/OTHER SURFACE WATERS JURISDICTIONAL LIMITS

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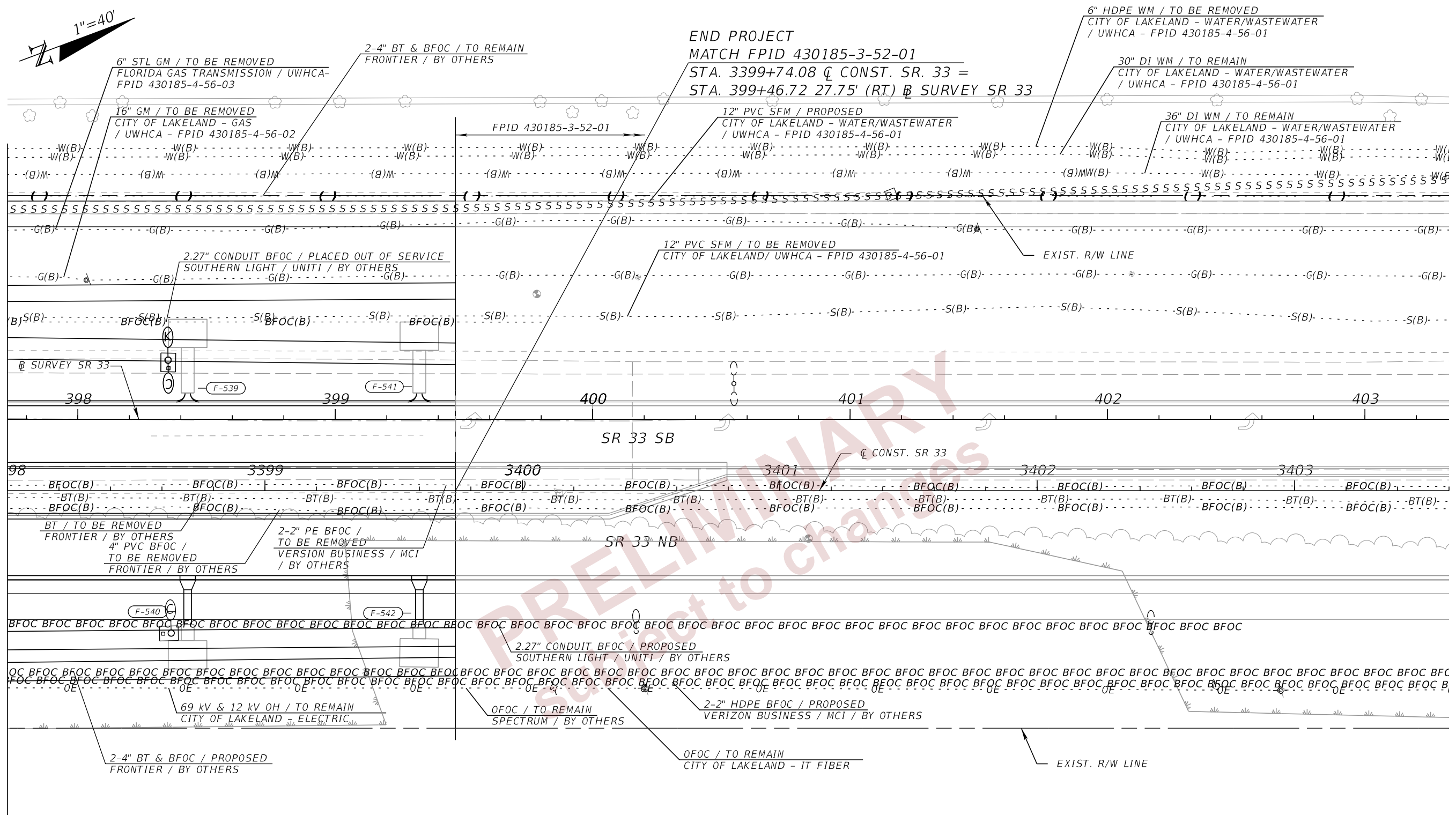
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 401
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-4-52-01	

UTILITY ADJUSTMENTS (24)

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MATCHLINE STA. 3398+00.00



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

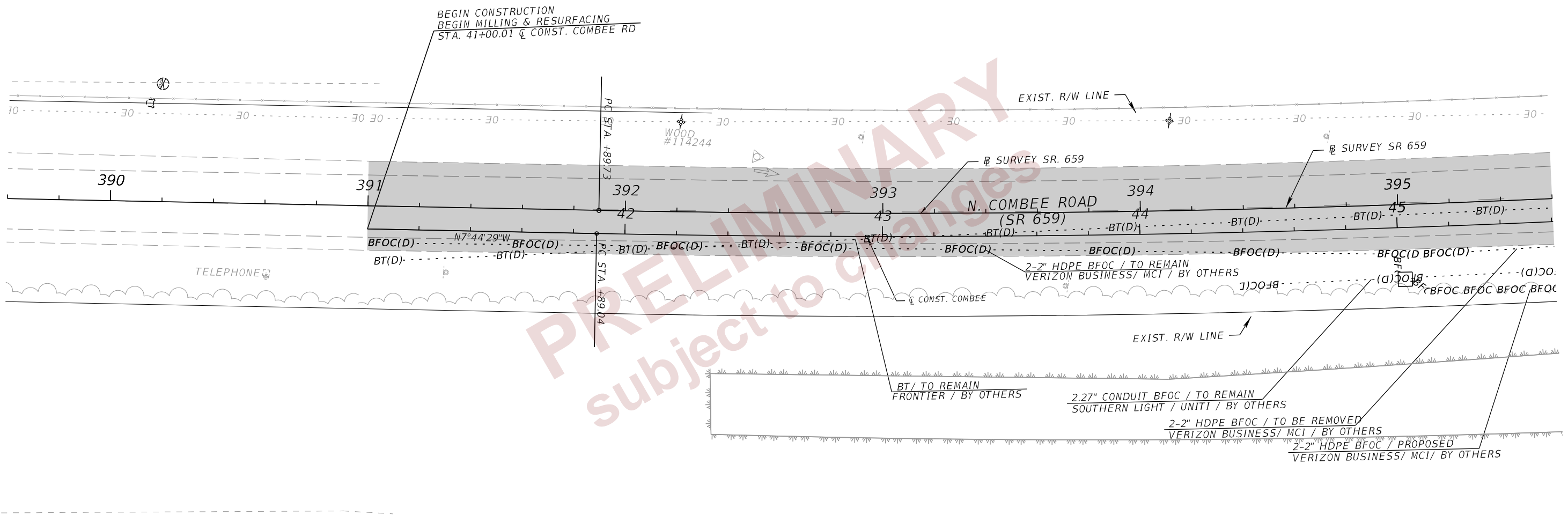
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 DEBANANDA PANIGRAHI, P.E.
 LICENSE NUMBER 68318
 H. W. LOCHNER
 4300 W. CYPRESS STREET, SUITE 500
 TAMPA, FLORIDA 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

UTILITY ADJUSTMENTS (25)	SHEET NO. 402
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REVISIONS			
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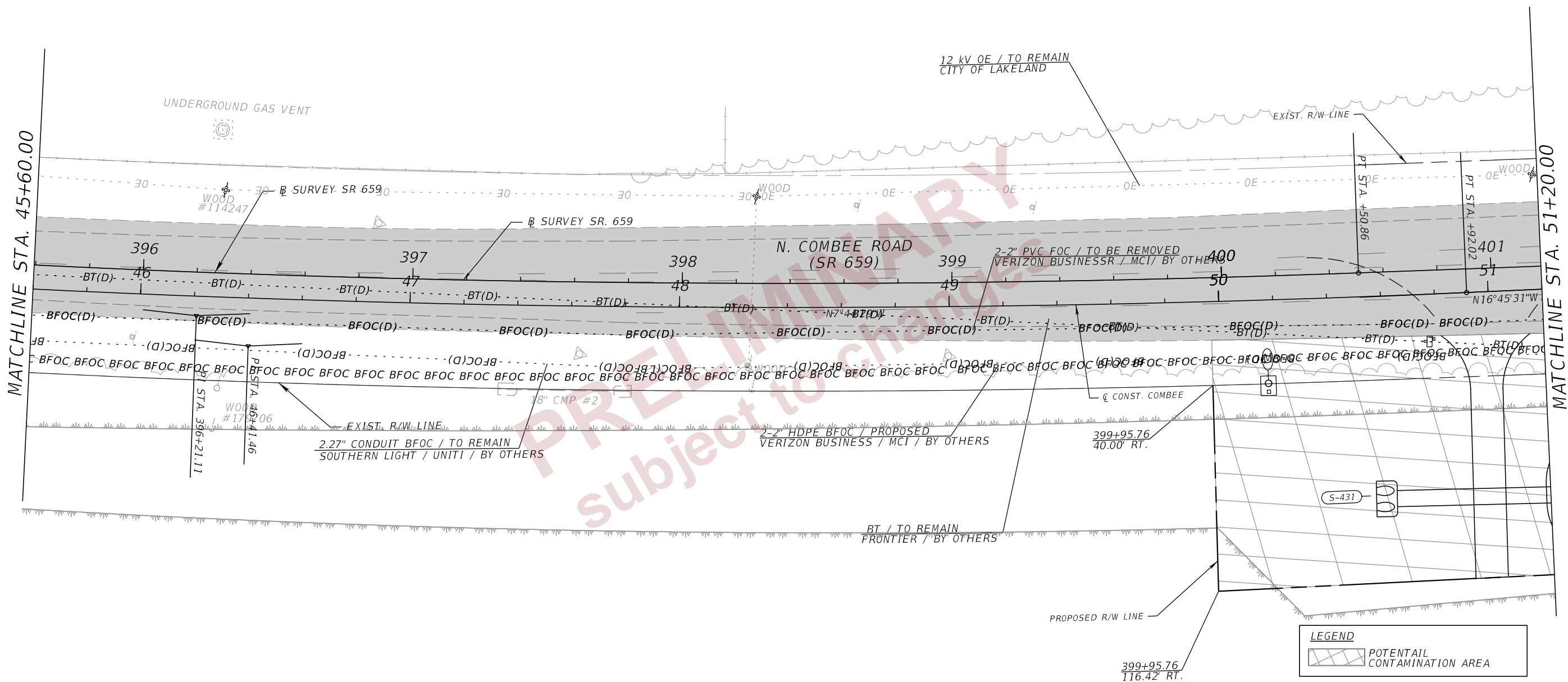
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 LICENSE NUMBER 68318
 H. W. LOCHNER
 4350 W. CYPRESS STREET, SUITE 800
 TAMPA, FLORIDA 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-4-52-01

UTILITY ADJUSTMENTS (26)

SHEET NO.
 403

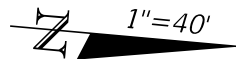
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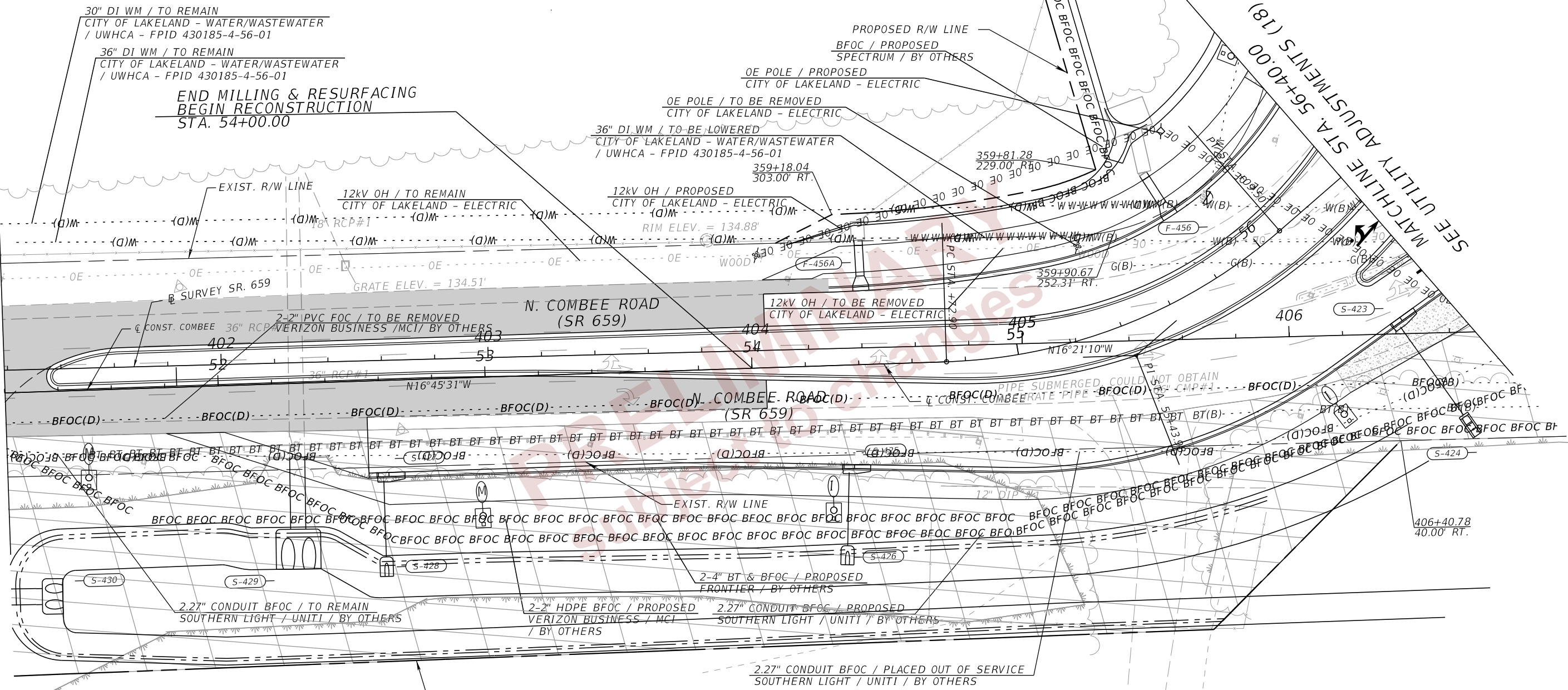
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 404
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-4-52-01	UTILITY ADJUSTMENTS (27)			



MATCHLINE STA. 51+20.00



LEGEND

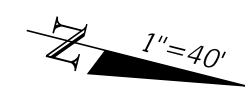
POTENTIAL CONTAMINATION AREA

SEE MATCHLINE STA. 56+40.00
UTILITY ADJUSTMENTS (18)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	
UTILITY ADJUSTMENTS (28)									405

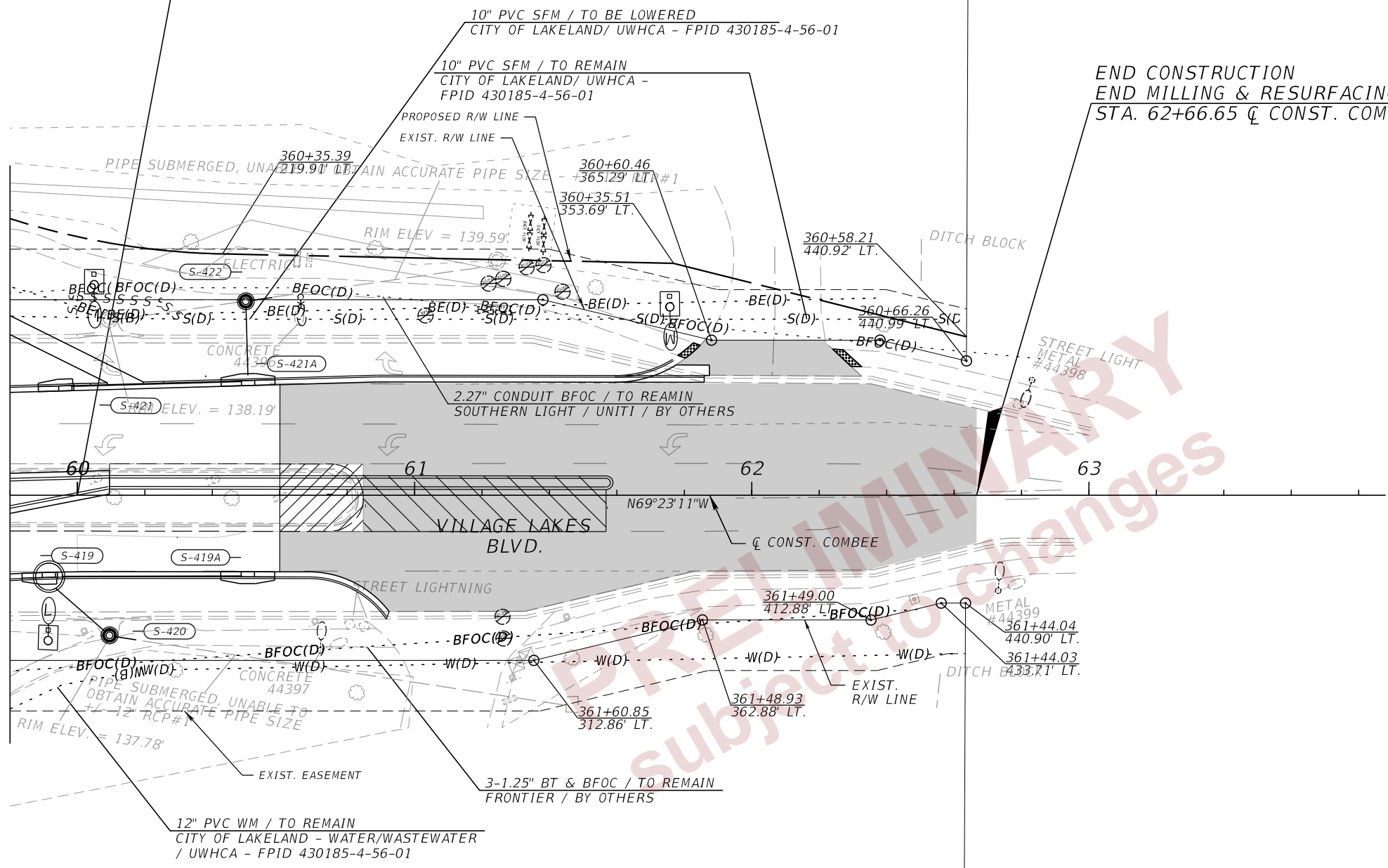
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END RECONSTRUCTION
 BEGIN MILLING & RESURFACING
 BEGIN WIDENING
 STA. 60+53.81

END CONSTRUCTION
 END MILLING & RESURFACING
 STA. 62+66.65 @ CONST. COMBEE RD

MATCHLINE STA. 59+80.00
 SEE UTILITY ADJUSTMENTS (18)



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	UTILITY ADJUSTMENTS (29)		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK		430185-4-52-01	406

Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Utility Owner	Station	Offset	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
08/19/14	TH1-1	1.50" DBC BT	Frontier	272+36.12	-71.97	144.53	2.75	141.78	32	○	↗	24	NG	N/A
08/29/14	TH1-2	2" PVC SL	City of Lakeland	271+58.13	-34.24	141.91	3.12	138.79	32	○	↗	24	NG	N/A
08/29/14	TH1-3	4" PVC BT AND 3-4" PVC FOC	Frontier	271+58.18	-47.44	138.89	2.28	136.61	32	○	↗	24	NG	N/A
08/29/14	TH1-4	16" DIP WM	City of Lakeland	271+58.76	-64.65	140.26	4.34	135.92	32	○	↗	24	NG	N/A
08/29/14	TH1-5	1.75" DBC BT	Frontier	271+58.49	-72.46	142.23	2.34	139.89	32	○	↗	24	NG	N/A
08/29/14	TH1-6	3-4" PVC FOC	Frontier	275+84.79	-47.16	141.42	2.62	138.80	32	○	↗	24	NG	N/A
11/06/14	TH1-7	4" PVC BT AND 0.75" DBC BT	Frontier	285+31.71	-55.25	142.41	1.81	140.60	32	○	↗	24	NG	N/A
11/06/14	TH1-8	8" AC WM	City of Lakeland	285+32.26	-68.68	142.28	3.55	138.73	32	○	↗	24	NG	N/A
11/06/14	TH1-9	4" PVC BT	Frontier	285+33.18	-72.73	142.38	2.34	140.04	32	○	↗	24	NG	N/A
11/06/14	TH1-10	6" AC WM	City of Lakeland	285+72.01	-78.86	141.94	3.00	138.94	32	○	↗	24	NG	N/A
11/06/14	TH1-11	16" DIP WM	City of Lakeland	285+10.42	109.05	141.83	3.30	138.53	32	○	↗	24	NG	N/A
11/06/14	TH1-12	2-4" PVC FOC AND 2" DBC BT	Frontier	285+11.72	96.12	141.32	2.90	138.42	32	○	↗	24	NG	N/A
11/25/14	TH1-13	16" DIP WM	City of Lakeland	271+84.04	66.56	144.57	5.94	138.63	32	○	↗	24	NG	N/A
12/02/14	TH1-14	0.375" DBC BT	Frontier	312+29.21	95.14	145.00	2.76	142.24	32	○	↗	24	NG	N/A
12/03/14	TH1-15	4" PVC FOC	Frontier	295+08.97	32.53	142.89	2.61	140.28	32	○	↗	24	NG	N/A
12/03/14	TH1-16	1" DBC BT	Frontier	295+07.84	-65.04	142.82	3.24	139.58	32	○	↗	24	NG	N/A
12/03/14	TH1-17	16" DIP WM	City of Lakeland	295+12.35	109.75	143.93	4.20	139.73	32	○	↗	24	NG	N/A
12/04/14	TH1-18	16" STL CASING WM	City of Lakeland	304+77.46	35.81	142.16	3.75	138.41	32	○	↗	24	NG	N/A
12/04/14	TH1-19	4" PVC FOC	Frontier	304+75.88	32.15	142.36	2.82	139.54	32	○	↗	24	NG	N/A
12/04/14	TH1-20	16" DIP WM	City of Lakeland	304+90.88	109.79	143.00	4.34	138.66	32	○	↗	24	NG	N/A
12/04/14	TH1-21	1" DBC BT	Frontier	305+71.85	52.86	142.84	3.22	139.62	32	○	↗	24	NG	N/A
12/04/14	TH1-22	0.75" DBC BT	Frontier	305+73.41	53.05	142.84	2.86	139.98	32	○	↗	24	NG	N/A
12/04/14	TH1-23	6" PVC FM	City of Lakeland	312+28.49	100.34	145.16	3.70	141.46	32	○	↗	24	NG	N/A
12/04/14	TH1-24	PVC BT AND UNKNOWN SIZE DBC	Frontier	304+39.24	-63.98	140.42	2.76	137.66	32	○	↗	24	NG	N/A
12/04/14	TH1-25	18" PVC FM	City of Lakeland	314+40.82	-71.42	145.58	3.30	142.28	32	○	↗	24	NG	N/A
12/05/14	TH1-26	18" CI FM (90 DEGREE BEND)	City of Lakeland	308+46.39	-68.49	139.99	4.46	135.53	32	○	↗	24	NG	N/A
12/05/14	TH1-27	4" PVC FOC	Frontier	315+54.77	31.83	144.55	2.86	141.69	32	○	↗	24	NG	N/A
12/05/14	TH1-28	2-2 50" AND 2" PVC RF	Lakeland Elec.	315+30.07	55.55	144.50	6.24	138.26	32	○	↗	24	NG	N/A
12/05/14	TH1-29	4" PVC FOC	Frontier	324+53.40	33.20	145.42	3.50	141.92	32	○	↗	24	NG	N/A
12/05/14	TH1-30	16" DIP WM	City of Lakeland	326+59.21	118.30	147.08	3.80	143.28	32	○	↗	24	NG	N/A
12/05/14	TH1-31	18" PVC FM	City of Lakeland	324+53.57	-70.73	147.06	3.28	143.78	32	○	↗	24	NG	N/A
12/08/14	TH1-32	4" PVC FOC	Frontier	334+50.33	32.92	140.98	3.30	137.68	32	○	↗	24	NG	N/A
12/08/14	TH1-33	16" DIP WM	City of Lakeland	335+07.43	111.73	138.40	2.86	135.54	32	○	↗	24	NG	N/A
12/08/14	TH1-34	4" PVC UNKNOWN UTILITY	Unknown	305+84.02	26.32	142.76	5.57	137.19	32	○	↗	24	NG	N/A
12/08/14	TH1-35	3-2" PVC FOC/CATV	Brighthouse	304+92.88	114.55	143.00	2.90	140.10	32	○	↗	24	NG	N/A
12/08/14	TH1-36	3-2" PVC FOC/CATV	Brighthouse	314+30.75	124.01	145.63	3.50	142.13	32	○	↗	24	NG	N/A
12/08/14	TH1-37	4" PVC FOC	Frontier	344+56.09	31.12	139.66	2.65	137.01	32	○	↗	24	NG	N/A
12/08/14	TH1-38	16" DIP WM	City of Lakeland	344+54.11	113.74	138.49	2.96	135.53	32	○	↗	24	NG	N/A
12/08/14	TH1-39	18" PVC FM	City of Lakeland	344+55.85	-71.42	137.83	3.02	134.81	32	○	↗	24	NG	N/A
12/08/14	TH1-40	18" PVC FM	City of Lakeland	334+48.07	-69.89	138.95	2.80	136.15	32	○	↗	24	NG	N/A
12/09/14	TH1-41	4" PVC FOC	Frontier	354+51.88	31.52	139.78	6.05	133.73	32	○	↗	24	NG	N/A
12/09/14	TH1-42	UNKNOWN SIZE AND MATERIAL WM	City of Lakeland	354+88.93	114.65	134.89	4.74	130.15	32	*	↗	24	NG	N/A
12/09/14	TH1-43	10" STEEL CASING GM	FGT	362+73.28	47.68	137.98	4.84	133.14	32	○	↗	24	NG	N/A
12/09/14	TH1-44	6" STL GM	FGT	364+44.05	-76.49	136.68	3.90	132.78	32	○	↗	24	NG	N/A
12/09/14	TH1-45	0.75" DBC BT	Frontier	364+46.40	31.91	137.68	2.72	134.96	32	○	↗	24	NG	N/A
12/09/14	TH1-46	4" PVC FOC	Frontier	364+46.82	35.68	137.45	3.90	133.55	32	○	↗	24	NG	N/A
12/09/14	TH1-47	2-2" PE FOC	MCI	364+46.43	29.30	137.87	3.64	134.23	32	○	↗	24	NG	N/A
12/09/14	TH1-48	18" PVC FM	City of Lakeland	364+03.61	-75.18	136.73	3.93	132.80	32	○	↗	24	NG	N/A
12/09/14	TH1-49	18" PVC FM	City of Lakeland	354+49.50	-72.89	135.23	3.15	132.08	32	○	↗	24	NG	N/A
12/10/14	TH1-50	24" CI WM	City of Lakeland	315+61.67	32.57	144.70	4.51	140.19	32	○	↗	24	NG	N/A
12/10/14	TH1-51	2.50" PE FOC	Frontier	314+30.57	132.63	145.40	1.65	143.75	32	○	↗	24	NG	N/A

Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Utility Owner	Station	Offset	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
12/11/14	TH1-52	UNKNOWN SIZE PVC BE	Lakeland Elec.	359+41.92	73.59	137.27	4.90	132.37	32	*	↗	24	NG	N/A
12/11/14	TH1-53	2-2" PE FOC/CATV	Brighthouse	361+76.52	87.17	139.96	6.13	133.83	32	○	↗	24	NG	N/A
12/11/14	TH1-54	UNKNOWN SIZE AND MATERIAL WM	City of Lakeland	361+68.37	84.33	140.34	11.93	128.41	32	*	↗	24	NG	N/A
12/11/14	TH1-55	UNKNOWN SIZE PVC BE	Lakeland Elec.	373+60.03	56.09	136.50	4.22	132.28	32	○	↗	24	NG	N/A
12/11/14	TH1-56	4" PVC FOC	Frontier	374+47.05	34.21	137.42	4.35	133.07	32	○	↗	24	NG	N/A
12/11/14	TH1-57	0.50" DBC BT	Frontier	374+47.23	30.18	137.57	3.04	134.53	32	○	↗	24	NG	N/A
12/11/14	TH1-58	2-2" PE FOC	MCI	376+58.40	25.46	137.83	3.54	134.29	32	○	↗	24	NG	N/A
12/11/14	TH1-59	2-2" PE FOC	MCI	384+44.56	25.54	136.74	3.09	133.65	32	○	↗	24	NG	N/A
12/11/14	TH1-60	0.50" DBC BT	Frontier	384+44.63	29.49	136.15	2.31	133.84	32	○	↗	24	NG	N/A
12/11/14	TH1-61	4" PVC FOC	Frontier	384+44.88	33.14	135.45	2.80	132.65	32	○	↗	24	NG	N/A
12/12/14	TH1-62	34" DIP WM	City of Lakeland	364+11.57	-99.37	137.52	3.54	133.98	32	○	↗	24	NG	N/A
12/12/14	TH1-63	30" DIP WM	City of Lakeland	364+12.25	-105.58	137.60	4.44	133.16	32	○	↗	24	NG	N/A
12/12/14	TH1-64	6" HDPE WM	City of Lakeland	364+11.89	-110.39	137.83	3.11	134.72	32	○	↗	24	NG	N/A
12/12/14	TH1-65	2-1.25" PE FOC	Frontier	344+55.33	-66.05	137.92	3.16	134.76	32	○	↗	24	NG	N/A
12/12/14	TH1-66	2-1.25" PE FOC	Frontier	354+49.32	-71.78	135.26	2.93	132.33	32	○	↗	24	NG	N/A
12/12/14	TH1-67	2-2" PE FOC	MCI	394+81.07	25.80	137.80	3.05	134.75	32	○	↗	24	NG	N/A
12/12/14	TH1-68	0.375" DBC BT	Frontier	394+81.37	31.14	137.70	2.69	135.01	32	○	↗	24	NG	N/A
12/12/14	TH1-69	4" PVC FOC	Frontier	394+81.59	35.53	137.35	3.62	133.73	32	○	↗	24	NG	N/A
12/21/14	TH1-70	2-2" PE FOC	MCI	404+49.12	26.09	137.20	3.10	134.10	32	○	↗	24	NG	N/A
12/21/14	TH1-71	0.75" DBC BT	Frontier	404+49.41	33.16	136.33	2.68	133.65	32	○	↗	24	NG	N/A
12/21/14	TH1-72	4" PVC FOC	Frontier	404+49.47	36.01	135.95	3.17	132.78	32	○	↗	24	NG	N/A
12/21/14	TH1-73	4" PVC FOC	Frontier	424+71.15	32.66	137.22	3.31	133.91	32	○	↗	24	NG	N/A
12/21/14	TH1-74	0.75" DBC BT	Frontier	424+71.12	36.14	136.85	3.57	133.28	32	○	↗	24	NG	N/A
12/21/14	TH1-75	2-2" PE FOC	MCI	435+67.23	25.32	137.28	3.44	133.84	32	○	↗	24	NG	N/A
12/21/14	TH1-76	4" PVC FOC	Frontier	435+67.52	28.95	136.89	3.03	133.86	32	○	↗	24	NG	N/A
12/21/14	TH1-77	0.75" DBC BT	Frontier	435+67.32	31.59	136.68	2.99	133.69	32	○	↗	24	NG	N/A
12/21/14	TH1-78	2-2" PE FOC	MCI	454+78.95	34.30	136.92	3.50	133.42	32	○	↗	24	NG	N/A
12/21/14	TH1-79	4" PVC FOC	Frontier	454+78.62	43.12	135.80	2.72	133.08	32	○	↗	24	NG	N/A
12/22/14	TH1-80	2-2" PE FOC	MCI	424+70.75	25.79	137.65	3.86	133.79	32	○	↗	24	NG	N/A
12/22/14	TH1-81	2-2" PE FOC	MCI	464+87.94	25.74	137.54	3.55	133.99	32	○	↗	24	NG	N/A
12/22/14	TH1-82	4" PVC FOC	Frontier	464+87.67	33.42	136.88	3.24	133.64	32	○	↗	24	NG	N/A
12/22/14	TH1-83	14" STL CASING FM	City of Lakeland	464+76.32	29.47	137.33	5.81	131.52	32	○	↗	24	NG	N/A
12/22/14	TH1-84	2-2" PE FOC	MCI	474+96.06	25.86	138.91	3.21	135.70	32	○	↗	24	NG	N/A
12/22/14	TH1-85	4" PVC FOC	Frontier	474+95.83	33.50	138.22	3.26	134.96	32	○	↗	24		

Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Utility Owner	Station	Offset	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
12/29/14	TH1-102	2" PVC SL	City of Lakeland	268+42.75	-41.52	141.71	3.75	137.96	32	○	↗	24	NG	N/A
12/29/14	TH1-103	2-4" PVC FOC/BT	Frontier	268+43.17	-49.23	140.50	4.53	135.97	32	○○	↗	24	NG	N/A
12/29/14	TH1-104	16" DIP WM	City of Lakeland	268+42.34	-64.93	140.06	4.15	135.91	32	○	↗	24	NG	N/A
12/29/14	TH1-105	2" DBC BT	Frontier	268+44.43	-72.11	141.00	5.88	135.12	32	○	↗	23	C	4"
12/29/14	TH1-106	2" PVC SL	City of Lakeland	268+42.17	79.60	141.97	3.91	138.06	32	○	↗	24	NG	N/A
12/29/14	TH1-107	16" DIP WM	City of Lakeland	273+79.44	111.01	140.37	3.10	137.27	32	○	↗	24	NG	N/A
12/29/14	TH1-108	UNKNOWN SIZE STL GM	Lakeland Gas	354+47.16	-58.21	134.89	2.95	131.94	32	*	↗	24	NG	N/A
12/29/14	TH1-109	2-4" PVC FOC AND 2" DBC BT	Frontier	278+32.85	95.43	145.80	2.80	143.00	32	○○○	↗	24	NG	N/A
12/29/14	TH1-110	16" DIP WM	City of Lakeland	278+34.12	110.05	146.28	3.11	143.17	32	○	↗	24	NG	N/A
12/29/14	TH1-111	4" PVC BT AND 1.25" DBC BT	Frontier	300+50.89	-64.04	142.89	2.80	140.09	32	○○	↗	24	NG	N/A
12/29/14	TH1-112	16" DIP WM	City of Lakeland	303+49.94	110.32	140.69	4.30	136.39	32	○	↗	24	NG	N/A
12/29/14	TH1-113	3-2.50" PVC FOC/CATV	Brighthouse	303+49.66	114.06	140.96	2.45	138.51	32	○○○	↗	24	NG	N/A
12/29/14	TH1-114	1" DBC BT	Frontier	303+51.64	125.49	142.59	1.90	140.69	32	○	↗	24	NG	N/A
12/29/14	TH1-115	16" STL GM	Lakeland Gas	308+05.49	-54.53	140.22	3.36	136.86	32	○	↗	24	NG	N/A
12/29/14	TH1-116	16" STL GM	Lakeland Gas	314+41.51	-55.60	143.00	1.55	141.45	32	○	↗	24	NG	N/A
12/29/14	TH1-117	16" STL GM	Lakeland Gas	324+52.88	-56.59	146.43	4.10	142.33	32	○	↗	24	NG	N/A
12/29/14	TH1-118	UNKNOWN SIZE STL GM	Lakeland Gas	334+46.61	-56.70	138.52	4.00	134.52	32	○	↗	24	NG	N/A
12/29/14	TH1-119	UNKNOWN SIZE PVC BE	Lakeland Elec.	359+46.14	-45.16	135.85	11.58	124.27	32	*	↗	24	NG	N/A
12/29/14	TH1-120	UNKNOWN SIZE & MATERIAL GM	Lakeland Gas	344+55.45	-59.37	137.85	2.62	135.23	32	*	↗	24	NG	N/A
12/29/14	TH1-121	30" DIP WM	City of Lakeland	435+70.03	-102.80	137.97	3.78	134.19	32	○	↗	24	NG	N/A
12/29/14	TH1-122	36" DIP WM	City of Lakeland	435+69.78	-93.38	137.47	4.06	133.41	32	○	↗	24	NG	N/A
12/29/14	TH1-123	12" STL GM	Lakeland Gas	435+69.74	-77.86	135.89	3.42	132.47	32	○	↗	24	NG	N/A
01/13/15	TH1-124	12" STL CASING GM	FGT	443+71.59	-61.67	140.14	7.26	132.88	32	○	↗	24	NG	N/A
01/13/15	TH1-125	6" STL GM	FGT	435+69.20	-67.25	134.81	3.42	131.39	32	○	↗	24	NG	N/A
01/13/15	TH1-126	NKKNOWN SIZE AND MATERIAL G	Lakeland Gas	443+61.77	-84.40	140.39	8.29	132.10	32	*	↗	24	NG	N/A
12/30/14	TH1-127	NKKNOWN SIZE AND MATERIAL B	Lakeland Elec.	405+62.25	45.63	135.60	6.65	128.95	32	*	↗	24	NG	N/A
12/30/14	TH1-128	NKKNOWN SIZE AND MATERIAL F	City of Lakeland	494+91.68	-75.84	135.35	3.02	132.33	32	*	↗	24	NG	N/A
12/30/14	TH1-129	2" DBC BT	Frontier	494+92.30	-64.45	135.47	2.16	133.31	32	○	↗	24	NG	N/A
12/30/14	TH1-130	UNKNOWN SIZE DIP WM	City of Lakeland	494+92.11	-60.77	135.33	3.43	131.90	32	○	↗	24	NG	N/A
12/30/14	TH1-131	1" DBC BT	Frontier	494+93.27	-42.44	136.19	2.22	133.97	32	○	↗	24	NG	N/A
01/13/15	TH1-132	NKKNOWN SIZE AND MATERIAL F	City of Lakeland	435+67.49	-45.16	133.84	2.96	130.88	32	*	↗	24	NG	N/A
01/13/15	TH1-133	16" STL GM	Lakeland Gas	454+92.50	-47.12	136.33	3.42	132.91	32	○	↗	24	NG	N/A
01/13/15	TH1-134	NKKNOWN SIZE AND MATERIAL G	FGT	454+90.07	-61.94	133.85	3.19	130.66	32	*	↗	24	NG	N/A
01/14/15	TH1-135	0.75" DBC BT	Frontier	414+73.59	37.35	136.92	3.38	133.54	32	○	↗	22	A	3"
01/14/15	TH1-136	4" PVC FOC	Frontier	414+73.69	33.99	137.08	3.80	133.28	32	○	↗	22	A	3"
01/14/15	TH1-137	NKKNOWN SIZE AND MATERIAL W	City of Lakeland	463+13.56	62.97	135.82	9.41	126.41	32	*	↗	24	NG	N/A
01/14/15	TH1-138	NKKNOWN SIZE AND MATERIAL W	City of Lakeland	463+47.15	63.55	135.80	8.66	127.14	32	*	↗	24	NG	N/A
01/14/15	TH1-139	NKKNOWN SIZE AND MATERIAL F	City of Lakeland	463+60.86	58.26	136.00	8.58	127.42	32	*	↗	24	NG	N/A
01/14/15	TH1-140	NKKNOWN SIZE AND MATERIAL W	City of Lakeland	460+88.07	54.72	133.55	5.90	127.65	32	*	↗	24	NG	N/A
01/14/15	TH1-141	6" STL GM	FGT	466+52.20	-72.60	138.33	2.58	135.75	32	○	↗	24	NG	N/A
01/14/15	TH1-142	16" CONC. CAP FOC	MCI	432+15.89	25.96	137.60	1.10	136.50	32	□	↗	22	NG	N/A
01/14/15	TH1-143	EXPLORATORY/HARD PAN (HARD PAN AT 5.64' BELOW)	Frontier	432+16.02	29.43		N/A		32	*	*	22	A	2"
01/14/15	TH1-144	0.75" DBC BT	Frontier	432+15.72	32.98	137.29	1.33	135.96	32	○	↗	22	A	2"

Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Utility Owner	Station	Offset	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
01/14/15	TH1-145	6" STL GM	FGT	475+51.63	-70.38	137.05	3.32	133.73	32	○	↗	24	NG	N/A
01/14/15	TH1-146	20" STL GM	FGT	474+97.59	-100.24	138.05	3.78	134.27	32	○	↗	24	NG	N/A
01/14/15	TH1-147	20" STL GM	FGT	466+54.15	-101.39	138.54	4.02	134.52	32	○	↗	24	NG	N/A
01/14/15	TH1-148	20" STL GM	FGT	455+71.06	-30.51	138.16	4.05	134.11	32	○	↗	24	NG	N/A
01/14/15	TH1-149	UNKNOWN SIZE STL GM	Lakeland Gas	454+05.16	-56.20	137.61	7.45	130.16	32	*	↗	24	NG	N/A
01/16/15	TH1-150	UNKNOWN SIZE STL GM	FGT	462+20.43	-32.79	138.04	6.34	131.70	32	○	↗	24	NG	N/A
01/16/15	TH1-151	8" PVC FM	City of Lakeland	462+19.38	-44.96	136.78	4.02	132.76	32	○	↗	24	NG	N/A
01/16/15	TH1-152	16" STL GM	Lakeland Gas	462+19.57	-55.86	135.98	5.98	130.00	32	○	↗	24	NG	N/A
01/16/15	TH1-153	10" CI WM	City of Lakeland	462+20.33	-64.60	135.13	3.41	131.72	32	○	↗	24	NG	N/A
01/16/15	TH1-154	6" STL GM	FGT	462+19.66	-74.30	135.18	2.74	132.44	32	○	↗	24	NG	N/A
01/16/15	TH1-155	16" DIP WM	City of Lakeland	466+53.31	-52.04	137.64	2.12	135.52	32	○	↗	24	NG	N/A
01/16/15	TH1-156	10" PVC FM	City of Lakeland	466+52.40	-65.79	138.12	2.64	135.48	32	○	↗	24	NG	N/A
01/19/15	TH1-157	6" PVC FM	City of Lakeland	463+10.21	-63.25	136.87	4.30	132.57	32	○	↗	24	NG	N/A
01/22/15	TH1-158	6" HDPE WM	City of Lakeland	438+17.51	-107.16	137.72	2.36	135.36	32	○	↗	24	NG	N/A
01/22/15	TH1-159	6" HDPE WM	City of Lakeland	435+67.87	-107.39	138.32	3.84	134.48	32	○	↗	24	NG	N/A
01/22/15	TH1-160	UNKNOWN SIZE PVC FM	City of Lakeland	463+13.07	-81.12	135.80	5.02	130.78	32	○	↗	24	NG	N/A
02/10/15	TH1-164	1" DBC BT (CUT)	Frontier	479+31.55	-63.97	135.14	0.26	134.88	32	○	↗	24	NG	N/A
02/10/15	TH1-165	6" HDPE WM	City of Lakeland	474+98.93	-50.59	137.25	4.04	133.21	32	○	↗	24	NG	N/A
02/10/15	TH1-166	6" HDPE WM	City of Lakeland	485+01.36	-59.69	136.11	3.35	132.76	32	○	↗	24	NG	N/A
02/10/15	TH1-167	6" HDPE WM	City of Lakeland	489+23.56	-58.50	138.53	4.86	133.67	32	○	↗	24	NG	N/A
02/10/15	TH1-168	NKKNOWN SIZE AND MATERIAL W	City of Lakeland	494+91.43	-59.78	135.36	4.41	130.95	32	*	↗	24	NG	N/A
02/10/15	TH1-169	6" HDPE WM	City of Lakeland	461+43.74	91.65	134.90	3.05	131.85	32	○	↗	24	NG	N/A
02/10/15	TH1-170	16" DIP WM	City of Lakeland	461+44.33	93.97	134.77	2.74	132.03	32	○	↗	24	NG	N/A
02/11/15	TH1-171	6" PVC FM	City of Lakeland	464+77.78	88.02	136.86	3.70	133.16	32	○	↗	24	NG	N/A
02/11/15	TH1-172	6" HDPE WM	City of Lakeland	466+53.34	-49.30	137.42	2.72	134.70	32	○	↗	24	NG	N/A
02/11/15	TH1-173	6" HDPE WM	City of Lakeland	463+93.89	-55.55	135.67	5.06	130.61	32	○	↗	24	NG	N/A
02/11/15	TH1-174	4" PVC FOC	Frontier	451+82.63	52.07	137.34	4.42	132.92	32	○	↗	24	NG	N/A
02/12/15	TH1-175	4" PVC FOC	Frontier	445+94.91	45.66	136.84	5.00	131.84	32	○	↗	24	NG	N/A
02/12/15	TH1-176	2-2" PE FOC	MCI	362+99.66	85.79	137.70	3.60	134.10	32	○○	↗	24	NG	N/A
02/12/15	TH1-177	1" DBC BT	Frontier	363+03.40	93.67	137.65	2.62	135.03	32	○	↗	24	NG	N/A

Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Station	Offset	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
2/6/2024	TH#29	16" DIP WM	359+87.35	138.46	137.07'	5.62'	131.45'	32	○	↔	24	NG	N/A
2/6/2024	TH#30	30" DIP WM	360+03.16	227.46	136.43'	6.72'	129.71'	32	○	↕	24	NG	N/A
2/6/2024	TH#31	43" CON. CAP WM	360+12.29	237.44	136.93'	5.64'	131.29'	32	○	↗	24	NG	N/A
2/6/2024	TH#32	48" CON. CAP WM	361+50.63	110.86	141.85'	6.02'	135.83'	32	○	↕	24	NG	N/A
2/6/2024	TH#33	36" DIP WM	361+47.94	123.55	141.79'	13.14'	128.65'	32	○	↕	24	NG	N/A

Test Hole Date	Test Hole Number	Utility Size, Material & Type (Size measured in inches and is O.D.)	Station/Northing	Offset/Easting	Ground Elevation	Manual Depth (Top)	Utility Elevation (Top)	Offset From	Cross Sectional View	Utility Direction	ID'd By	Surface Type	Pavement Thickness (Inches)
08/10/17	1-1	6" STL GM	399+03.11	-27.47	136.51	5.04	131.47	32	○	↔	24	NG	N/A
08/10/17	1-2	2-2" PE FOC	399+02.55	19.03	137.77	3.84	133.93	32	○	↔	24	NG	N/A
08/10/17	1-3	1" DBC BT	399+02.52	27.31	137.20	3.52	133.68	32	●	↔	24	NG	N/A

Notes: 1. All Station and Offset data are referenced to S.R. 659 Survey Baseline. Positive Offsets are to the right of the survey baseline and