

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
STRUCTURE PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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8	TYPICAL SECTION DETAILS
9	OPTIONAL MATERIALS TABULATION
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LIST OF REVISED INDEX DRAWINGS

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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>

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

GOVERNING STANDARD SPECIFICATIONS:

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

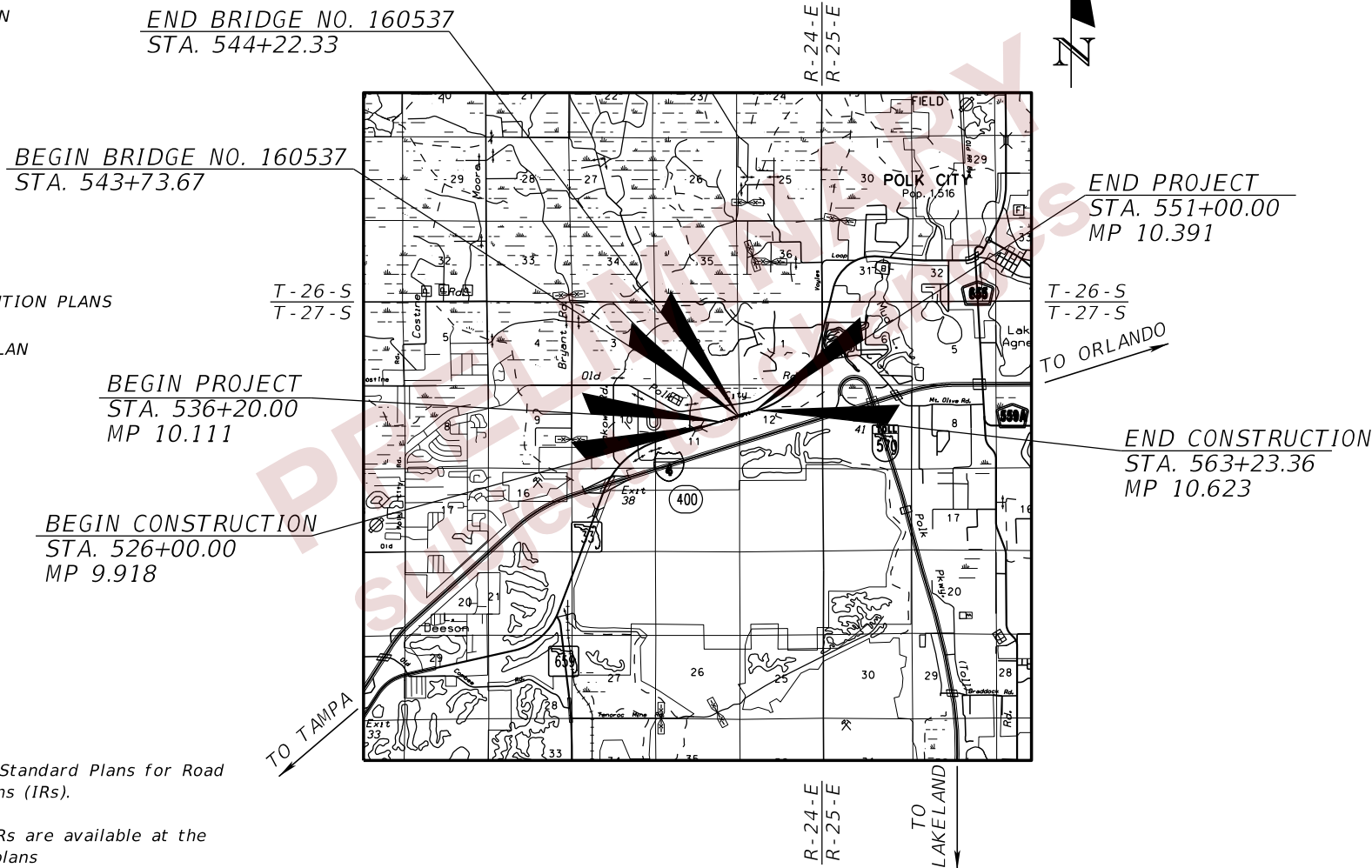
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

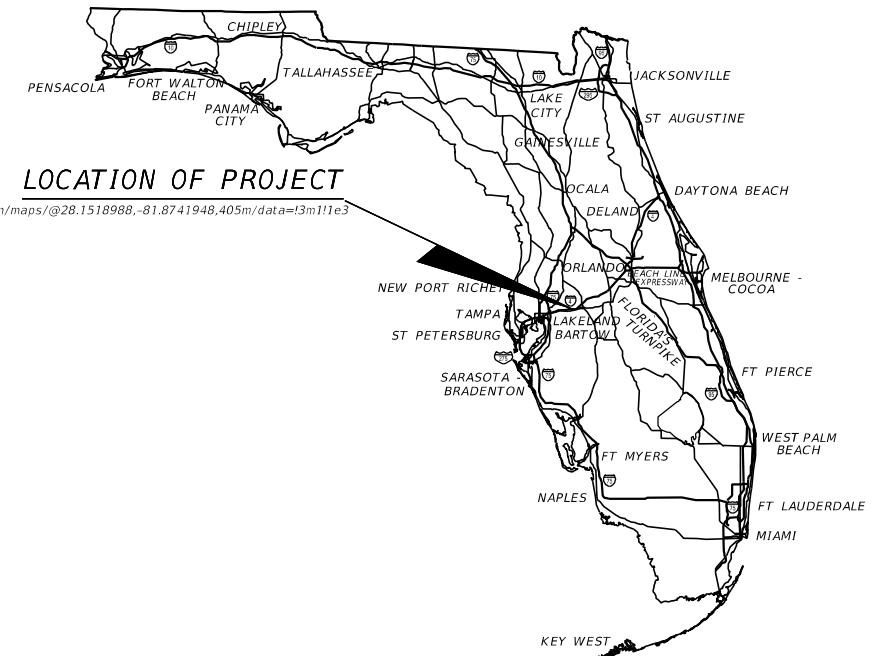
FINANCIAL PROJECT ID 430185-7-52-01

POLK COUNTY (16070)

STATE ROAD NO. 33
AT WILDLIFE CROSSING



THIS PROJECT TO BE LET TO CONTRACT WITH
FPID: 430185-3-52-01, 430185-3-56-01, 430185-3-56-03, 430185-3-56-04, 430185-3-56-05,
430185-4-52-01, 430185-4-56-01, 430185-4-56-02, 430185-4-56-03, 430185-4-56-04,
201214-8-52-01



PHASE IV PLANS
FEBRUARY 29, 2024

ROADWAY PLANS

ENGINEER OF RECORD:

DEBANANDA PANIGRAHI, P.E.
P.E. No. 68318
H.W. Lochner, Inc
4300 W. Cypress Street
Suite 500
Tampa, Florida 33607
(813) 357-3750
Consultant Contract No. C-9313
Consultant Vendor No. 362338811001

FDOT PROJECT MANAGER:

DOUG BURKHART, P.E.

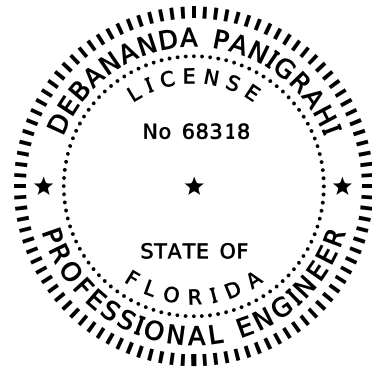
CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	25	1

NOTES TO REVIEWERS

1. THE FOLLOWING CHANGES HAVE BEEN MADE SINCE THE PHASE IIIR SUBMITTAL:
 - A. FENCE ALIGNMENT AND UTILITY ADJUSTMENT SHEETS AND FENCE ALIGNMENT HAVE BEEN UPDATED BASED ON INPUT FROM UTILITY OWNERS.
2. 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		
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-7-52-01		1A



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

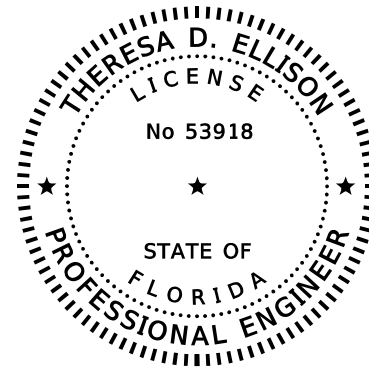
ON THE DATE ADJACENT TO THE SEAL

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LOCHNER
4300 W. CYPRESS STREET, SUITE 500
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.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
6 - 8	TYPICAL SECTIONS
9	TYPICAL SECTION DETAILS
11	PROJECT LAYOUT
12	PROJECT CONTROLS
13	GENERAL NOTES
14 - 20	ROADWAY PLANS
21 - 25	ROADWAY PROFILES
26	GRADING DETAILS
30 - 45	CROSS SECTIONS
46	DRIVEWAY HALF SECTIONS
89 - 95	UTILITY ADJUSTMENTS
96	VERIFIED UTILITIES LOCATES



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

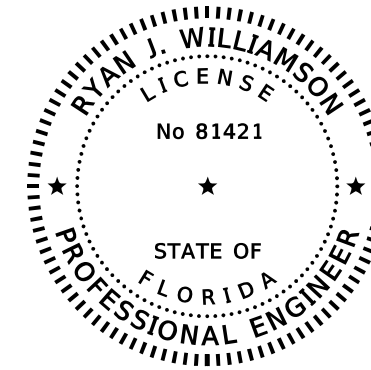
ON THE DATE ADJACENT TO THE SEAL

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LOCHNER
4300 W. CYPRESS STREET, SUITE 500
TAMPA, FL 33607
THERESA D. ELLISON, P.E. NO. 53918

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
3 - 5	DRAINAGE MAPS
10	OPTIONAL MATERIALS TABULATION
27	DRAINAGE STRUCTURES
28	DRAINAGE SUMMARY TABLES
47 - 49	STORMWATER POLLUTION PREVENTION PLANS
50 - 52	EROSION CONTROL PLANS



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

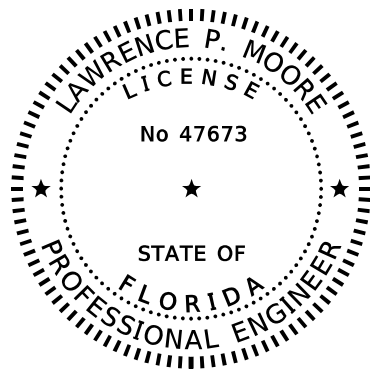
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BURGESS & NIPLE, INC.
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
RYAN J WILLIAMSON, P.E. NO. 81421

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
52 - 88	TEMPORARY TRAFFIC CONTROL PLAN

PRELIMINARY
subject to changes



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ON THE DATE ADJACENT TO THE SEAL

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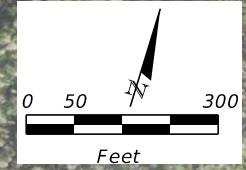
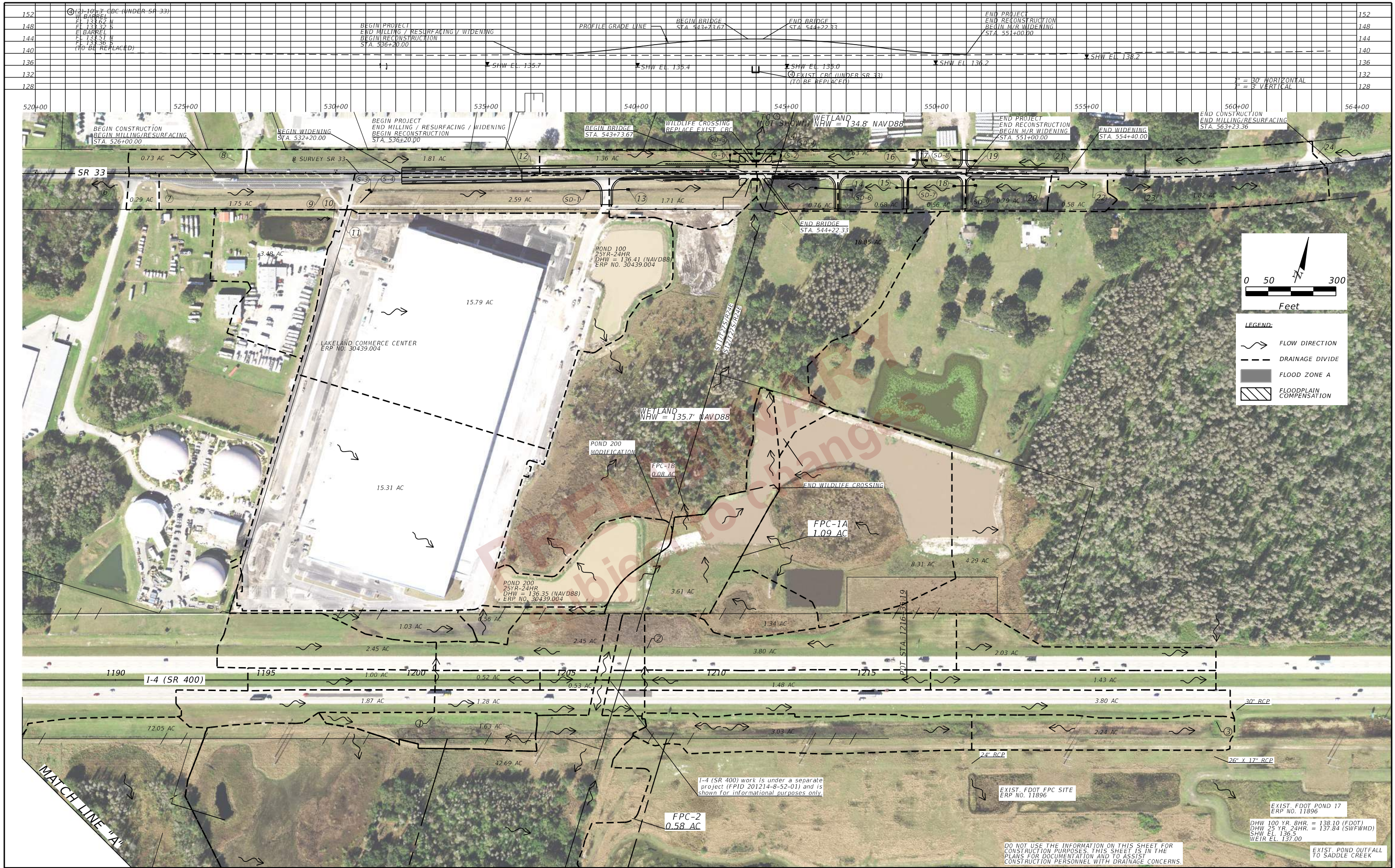
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FL 33637
LAWRENCE P. MOORE, P.E. NO. 47673

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
29	ROADWAY SOIL SURVEY

REVISIONS				H.W. LOCHNER, INC. 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607 DEBANANDA PANIGRAHI, P.E. NO. 68318	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 33	POLK	430185-7-52-01	

SIGNATURE SHEET



- LEGEND:**
- FLOW DIRECTION
 - DRAINAGE DIVIDE
 - FLOOD ZONE A
 - FLOODPLAIN COMPENSATION

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SR 33 WILDLIFE CROSSING DRAINAGE MAP (01)	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01		

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

DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

EXIST. FDOT POND 17
ERP NO. 11896
DHW 100 YR. 8HR. = 138.10 (FDOT)
DHW 25 YR. 24HR. = 137.84 (SWFWM)
SHW EL. 136.5
WEIR EL. 137.00
EXIST. POND OUTFALL
TO SADDLE CREEK

I-4 (SR 400) work is under a separate project (FPID 201214-8-52-01) and is shown for informational purposes only.



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			SR 33 WILDLIFE CROSSING DRAINAGE MAP (02)	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01		

EXISTING CROSS DRAINS

- ① 24" RCP (UNDER I-4)
FL 132.91 N
FL 134.28 S
(TO REMAIN)
- ② 30" RCP (UNDER I-4)
FL 133.43 N
FL 134.69 S
(TO REMAIN)
- ③ (2) 24" RCP (UNDER I-4)
W BARREL
FL 133.60 N
FL 134.66 S
E BARREL
FL 133.59 N
FL 133.90 S
(TO REMAIN)
- ④ (2) 10'x3' CBC (UNDER SR 33)
W BARREL
FL 133.62 N
FL 133.32 S
E BARREL
FL 133.51 N
FL 133.36 S
(TO BE REPLACED)
- ⑤ 10'x4' CBC (UNDER OLD POLK RD)
FL 130.85 N
FL 130.48 S
(TO REMAIN, NOT SHOWN)

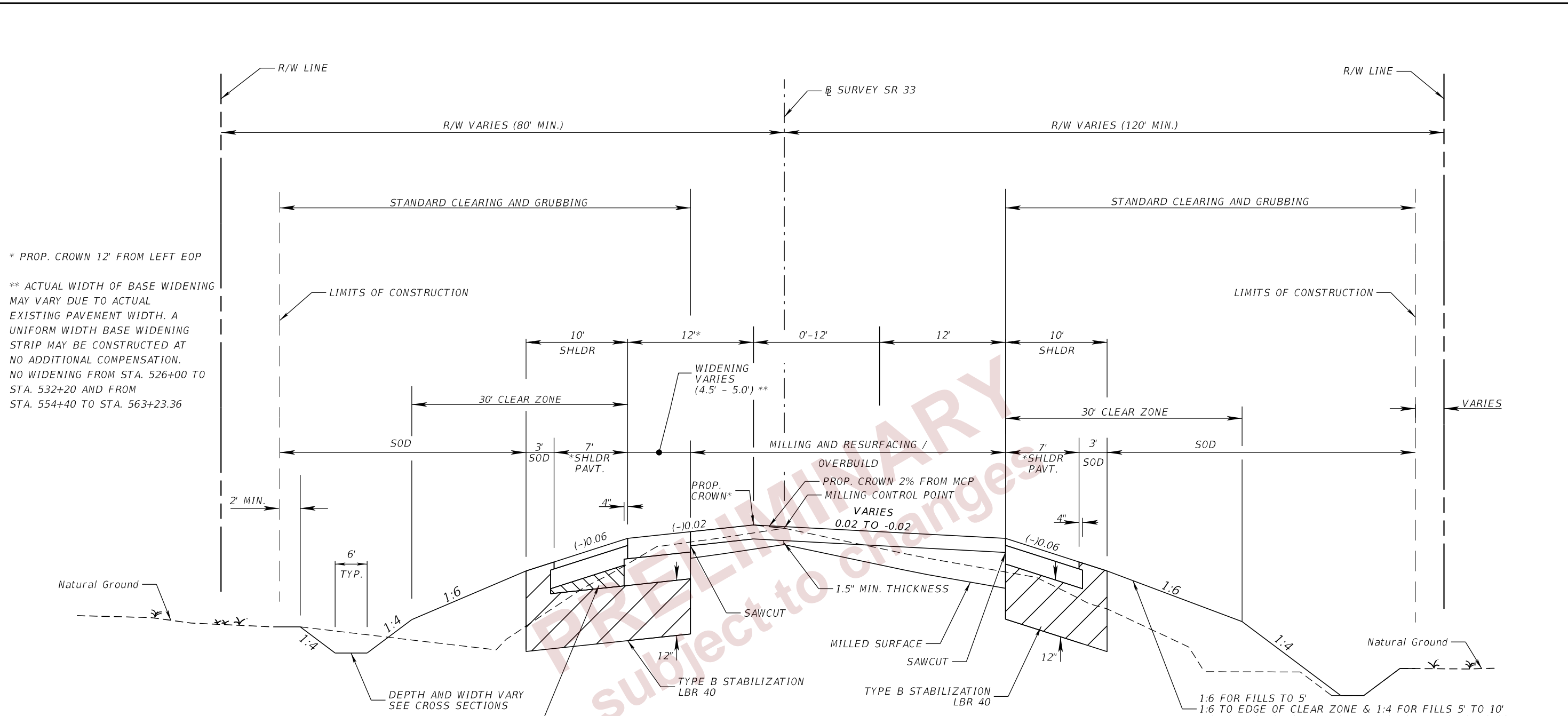
EXISTING DRAINAGE STRUCTURES

- ⑥ 23" x 14" RCP
FL 136.92' E
FL 137.12' W
(TO REMAIN)
- ⑦ 23" x 14" RCP
FL 137.06' E
FL 136.40' W
(TO REMAIN)
- ⑧ 18" CMP
FL 137.59' E
FL 137.41' W
(TO REMAIN)
- ⑨ 18" RCP
FL 135.78' E
FL 135.68' W
(TO REMAIN)
- ⑩ 23" X 14" RCP
GRATE EL. 139.39'
FL 136.80' E
FL 136.43' W
(TO REMAIN)
- ⑪ 23" X 14" RCP
FL 136.39' E
GRATE EL. 140.20'
FL 135.67' W
(TO REMAIN)
- ⑫ 18" CMP
FL 134.93' E
FL 134.91' W
(TO REMAIN)
- ⑬ 24" RCP
FL 134.82' E
FL 134.69' W
- ⑭ 18" CMP
FL 136.67' E
FL 136.91' W
- ⑮ 18" CMP
FL 136.78' E
FL 136.85' W
- ⑯ 24" CMP
FL 135.43' E
FL 135.47' W
(TO REMAIN)
- ⑰ 24" CMP
FL 135.57' E
FL 136.02' W
(TO REMAIN)
- ⑱ 24" CMP
FL 136.93' E
FL 136.90' W
- ⑲ 24" CMP
FL 136.27' E
FL 136.64' W
- ⑳ 18" CMP
FL 137.06' E
FL 137.30' W
(TO REMAIN)
- ㉑ 18" CMP
FL 137.24' E
FL 137.10' W
(TO REMAIN)
- ㉒ 18" CMP
FL 137.99' E
FL 137.57' W
(TO REMAIN)
- ㉓ 24" CMP
FL 137.67' E
FL 137.63' W
(TO REMAIN)
- ㉔ 22" X 13" CMP
FL 137.85' E
FL 137.72' W
(TO REMAIN)

PRELIMINARY
subject to changes

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DRAINAGE MAP (03)
						SR 33	POLK	430185-7-52-01	

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* PROP. CROWN 12' FROM LEFT EOP
 ** 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. NO WIDENING FROM STA. 526+00 TO STA. 532+20 AND FROM STA. 554+40 TO STA. 563+23.36

THIS AREA MAY BE CONSTRUCTED OF BASE MATERIAL AT NO ADDITIONAL COMPENSATION

TYPICAL SECTION #1
 STA 526+00.00 TO STA 536+20.00
 STA 551+00.00 TO STA 563+23.36

* MILLING AND RESURFACING OF EXISTING PAVEMENT AND SHOULDER EXTENDS TO STA. 563+23.36

TRAFFIC DATA
 CURRENT YEAR = 2019 AADT = 16,900
 ESTIMATED OPENING YEAR = 2027 AADT = 18,100
 ESTIMATED DESIGN YEAR = 2047 AADT = 26,200
 K = 9.0% D = 56.00% T = 16.50% (24 HOUR)
 DESIGN HOUR T = 8.25%
 DESIGN SPEED = 55 MPH
 CONTEXT CLASSIFICATION = C3C : SUBURBAN COMM.

MILLING/RESURFACING MAINLINE
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3.0")
 OVERBUILD TYPE SP STRUCTURAL COURSE (TRAFFIC E) (0" TO 6.04")
 TYPE SP STRUCTURAL COURSE (TRAFFIC E) (1.5") (PG 76-22)
 AND FRICTION COURSE (TRAFFIC E) (FC-12.5) (1.5") (PG 76-22)

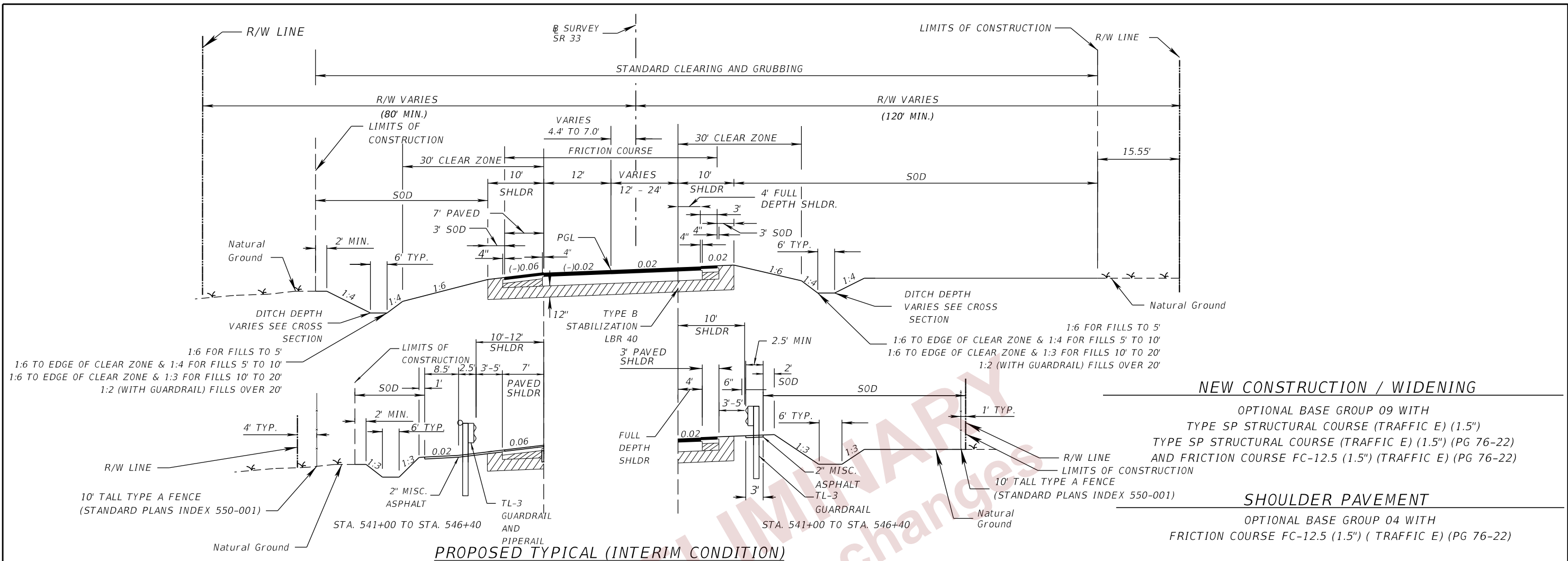
MILLING/RESURFACING SHOULDER
 MILL EXISTING PAVEMENT (1.5")
 FRICTION COURSE (TRAFFIC E) (FC-12.5) (1.5") (PG 76-22)

NEW CONSTRUCTION / WIDENING- TRAVEL LANES & FULL DEPTH SHOULDER
 OPTIONAL BASE GROUP 09 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC E) (1.5")
 TYPE SP STRUCTURAL COURSE (TRAFFIC E) (1.5") (PG 76-22)
 AND FRICTION COURSE FC-12.5 (TRAFFIC E) (1.5") (PG 76-22)

NEW CONSTRUCTION - SHOULDER PAVEMENT
 OPTIONAL BASE GROUP 04 WITH
 FRICTION COURSE FC-12.5 (1.5") (TRAFFIC E) (PG 76-22)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 6
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	430185-7-52-01	

TYPICAL SECTIONS (1)

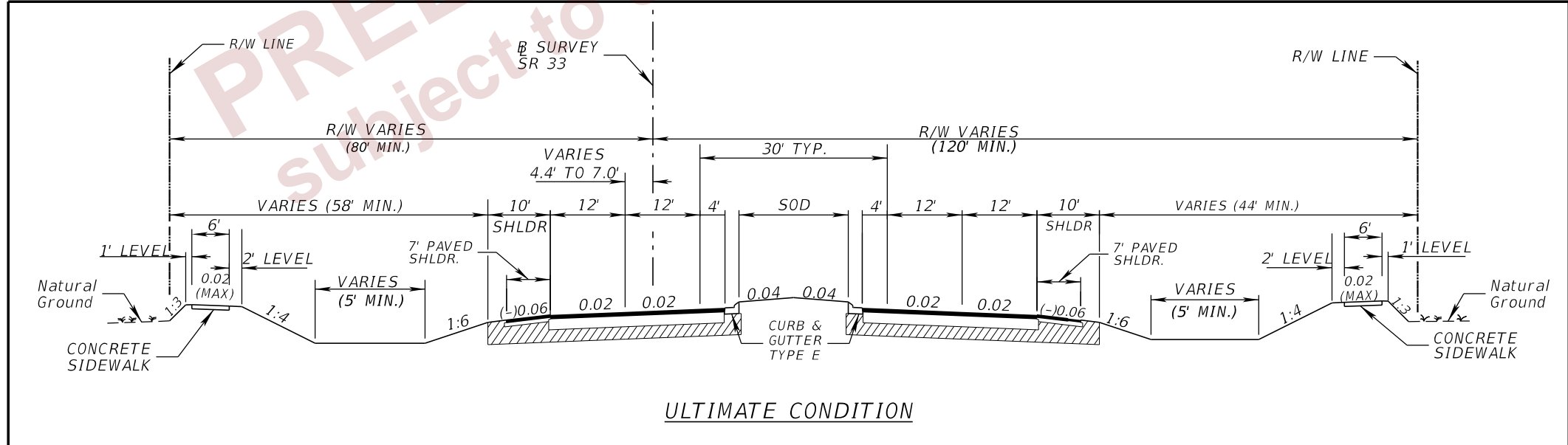


NEW CONSTRUCTION / WIDENING

OPTIONAL BASE GROUP 09 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC E) (1.5")
 TYPE SP STRUCTURAL COURSE (TRAFFIC E) (1.5") (PG 76-22)
 AND FRICTION COURSE FC-12.5 (1.5") (TRAFFIC E) (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 04 WITH
 FRICTION COURSE FC-12.5 (1.5") (TRAFFIC E) (PG 76-22)



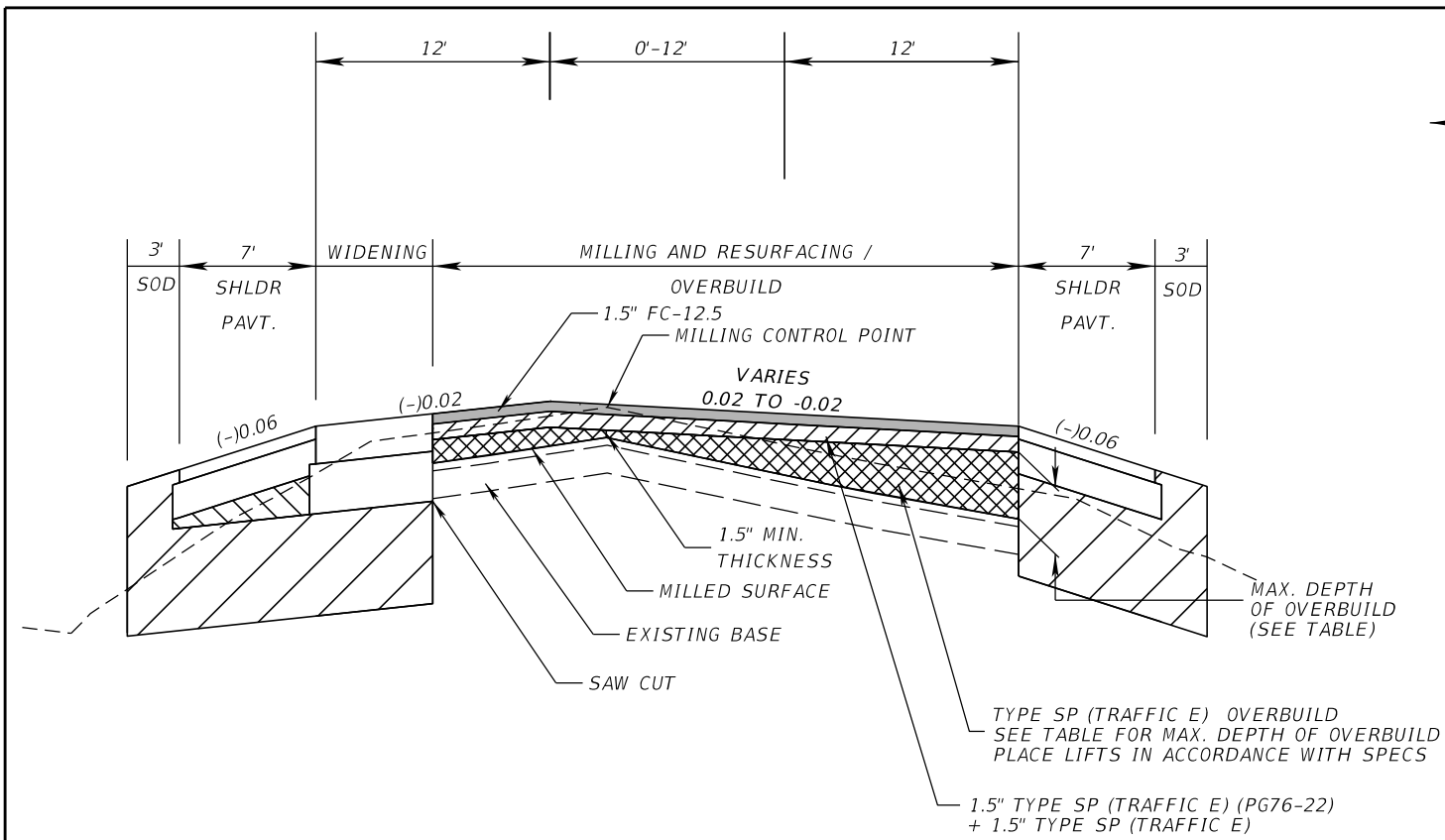
THIS AREA MAY BE CONSTRUCTED OF
 BASE MATERIAL AT NO ADDITIONAL
 COMPENSATION

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 16,900
 ESTIMATED OPENING YEAR = 2027 AADT = 18,100
 ESTIMATED DESIGN YEAR = 2047 AADT = 26,200
 K = 9.0% D = 56.00% T = 16.50% (24 HOUR)
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 DESIGN SPEED = 55 MPH
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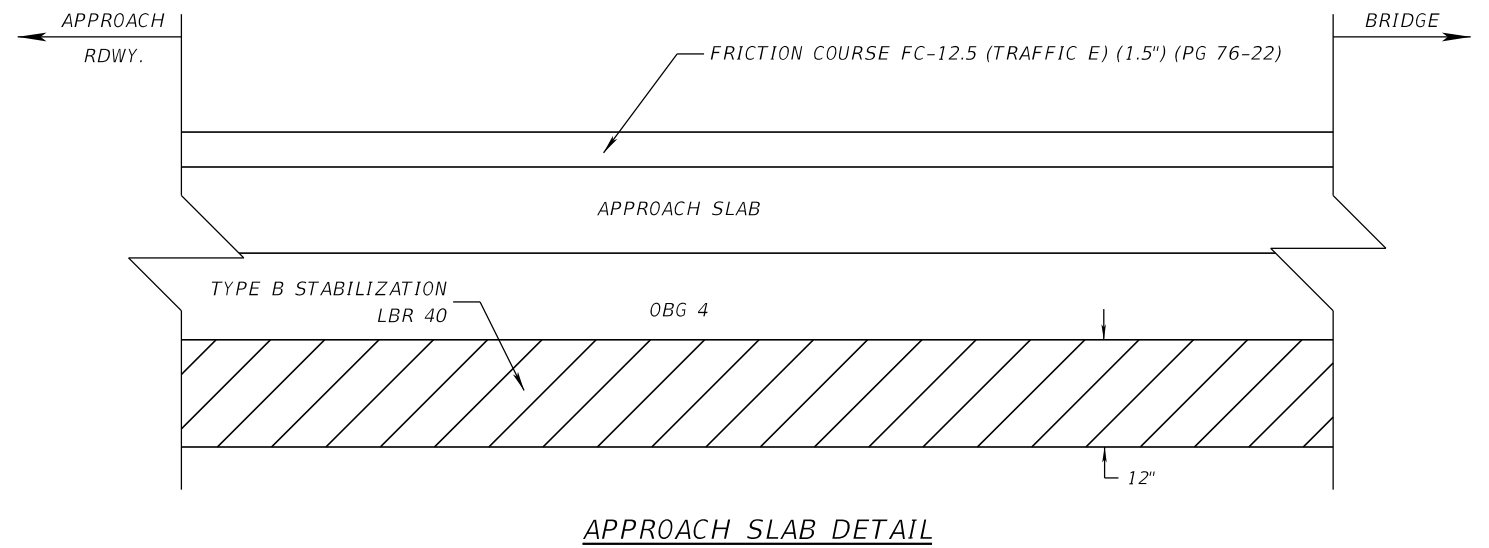
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	POLK
TYPICAL SECTIONS (2)									

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OVERBUILD AND RESURFACING DETAIL

SR 33
 STA. 532+20.00 TO STA. 536+20.00
 STA. 551+00.00 TO STA. 554+40.00



APPROACH SLAB DETAIL

OVERBUILD DETAILS (SR 33 SB LANE)						
LOCATION STATION	EXIST. SLOPE (%)	PROP. SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	LOCATION OF MAX. OVERBUILD DEPTH	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
532+20.00	-1.31%	EXIST	N/A	N/A	N/A	0.00
532+50.00	-1.39%	2.00	0.35	6.00' (LT)	3.00	0.25
533+00.00	-1.45%	2.00	0.81	7.05' (LT)	7.05	0.67
533+50.00	-1.36%	2.00	0.96	7.70' (LT)	7.70	0.56
534+00.00	-1.23%	2.00	1.02	7.05' (LT)	7.05	0.61
534+50.00	-1.05%	2.00	1.28	1.50' (LT)	7.50	0.72
535+00.00	-0.94%	2.00	1.52	2.17' (LT)	7.50	0.82
535+50.00	-1.11%	2.00	1.88	2.83' (LT)	7.50	1.12
536+00.00	-1.21%	2.00	2.27	3.49' (LT)	7.34	1.38
536+20.00	-1.16%	2.00	2.36	3.74' (LT)	7.10	1.39
551+00.00	-1.07%	2.00	2.30	3.73' (LT)	7.02	0.56
551+50.00	-1.09%	2.00	1.93	3.09' (LT)	7.50	1.07
552+00.00	-1.03%	2.00	1.58	2.43' (LT)	7.50	0.92
552+50.00	-1.31%	2.00	1.48	9.27' (LT)	7.50	0.84
553+00.00	-1.59%	2.00	1.58	8.61' (LT)	7.50	0.83
553+50.00	-1.38%	2.00	0.75	7.96' (LT)	7.50	0.40
554+00.00	-1.17%	2.00	0.05	0.19' (RT)	7.50	0.01
554+25.00	-1.17%	EXIST	N/A	N/A	N/A	0.00

OVERBUILD DETAILS (SR 33 CENTER LANE)						
LOCATION STATION	EXIST. SLOPE (%)	PROP. SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	LOCATION OF MAX. OVERBUILD DEPTH	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
532+20.00	2.08%	EXIST	N/A	N/A	N/A	0.00
532+50.00	2.17%	-2.00	0.15	13.50' (RT)	12.00	0.27
533+00.00	2.20%	-2.00	0.53	12.45' (RT)	12.00	0.67
533+50.00	1.89%	-2.00	0.79	0.20' (LT)	12.00	0.72
534+00.00	1.63%	-2.00	1.04	0.85' (LT)	12.00	0.78
534+50.00	1.45%	-2.00	1.28	1.50' (LT)	12.00	0.89
535+00.00	1.25%	-2.00	1.52	2.17' (LT)	12.00	0.99
535+50.00	0.98%	-1.09	1.88	2.83' (LT)	12.00	1.81
536+00.00	0.71%	-0.18	3.02	8.52' (RT)	12.00	2.64
536+20.00	0.66%	0.18	3.57	8.25' (RT)	12.00	2.97

OVERBUILD DETAILS (SR 33 NB LANE)						
LOCATION STATION	EXIST. SLOPE (%)	PROP. SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	LOCATION OF MAX. OVERBUILD DEPTH	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
532+20.00	1.94%	EXIST	N/A	N/A	N/A	0.00
532+50.00	2.27%	-2.00	0.77	25.50' (RT)	12.00	0.58
533+00.00	2.38%	-2.00	1.37	24.45' (RT)	12.00	1.09
533+50.00	2.35%	-2.00	1.15	23.80' (RT)	12.00	0.90
534+00.00	2.34%	-2.00	1.02	23.15' (RT)	12.00	0.77
534+50.00	2.19%	-2.00	0.78	22.50' (RT)	12.00	0.64
535+00.00	2.14%	-2.00	0.67	21.83' (RT)	12.00	0.56
535+50.00	2.27%	-1.09	3.42	21.18' (RT)	12.00	2.57
536+00.00	2.37%	-0.18	6.18	20.53' (RT)	12.00	4.60
536+20.00	2.36%	0.18	7.24	20.26' (RT)	12.00	5.40
551+00.00	0.61%	2.00	6.04	8.27' (RT)	12.00	4.17
551+50.00	0.78%	0.67	4.03	8.93' (RT)	12.00	2.98
552+00.00	0.92%	-0.67	1.96	9.58' (RT)	12.00	1.77
552+50.00	1.30%	-2.00	3.24	1.77' (LT)	12.00	0.88
553+00.00	1.77%	-2.00	1.06	1.11' (LT)	12.00	0.91
553+50.00	1.80%	-2.00	0.53	0.46' (LT)	12.00	0.40
554+00.00	1.71%	-2.00	0.05	0.20' (RT)	12.00	0.13
554+25.00	1.66%	EXIST	N/A	N/A	N/A	0.00

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2">ENGINEER OF RECORD</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		ENGINEER OF RECORD		DATE	DESCRIPTION	DATE	DESCRIPTION					STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 33 COUNTY POLK FINANCIAL PROJECT ID 430185-7-52-01			TYPICAL SECTION DETAILS SHEET NO. 8
REVISIONS		ENGINEER OF RECORD																	
DATE	DESCRIPTION	DATE	DESCRIPTION																

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Optional Materials Tabulation

<i>Group Number</i>	<i>Size(s)</i>	<i>Material</i>	<i>PLOTTED</i>	<i>As Built</i>	<i>Remarks</i>
<i>Group 1</i>	<i>18-24</i>	<i>RCP, CLASS I NRCP, CLASS I SRAP, 16 GA. SRASP, 16 GA. SRSP, 16 GA.</i>	<i>X</i>		
<i>Group 2</i>	<i>24</i>	<i>RCP, CLASS I NRCP, CLASS I SRAP, 16 GA. SRASP, 16 GA. SRSP, 16 GA. HDPE CLASS I HDPE CLASS II PP CLASS I PP CLASS II PVC, ASTM F-949</i>	<i>X</i>		
<i>Group 3</i>	<i>19x30</i>	<i>ERCPC, CLASS II</i>	<i>X</i>		
<i>Group 4</i>	<i>14x23</i>	<i>ERCPC, CLASS II</i>	<i>X</i>		

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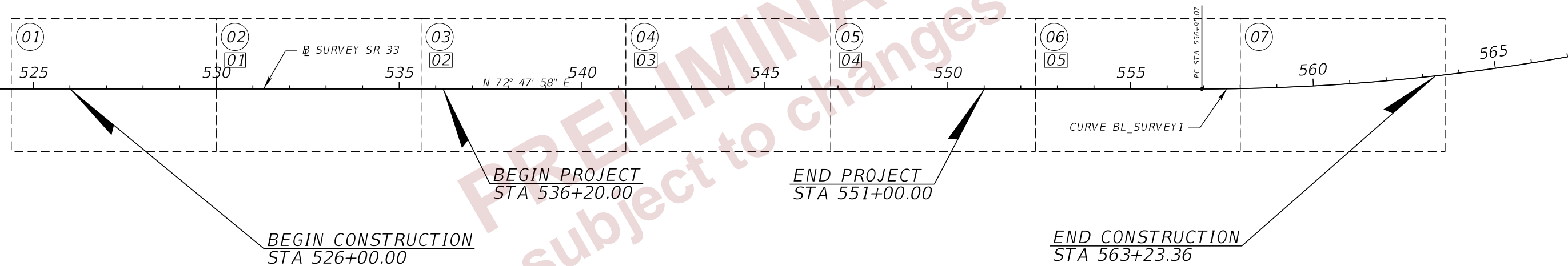
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OPTIONAL MATERIALS TABULATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
				SR 33	POLK	430185-7-52-01					

COORDINATE DATA					
ALIGNMENT	CURVE NUMBER	CONTROL POINT	STATION	COORDINATES	
				NORTH	EAST
BL_SURVEY		START	520+00.00	1387292.47	694792.44
BL_SURVEY	C-1	PC	556+95.07	1388385.16	698322.25
BL_SURVEY	C-1	HPI	588+72.83	1389324.88	701357.88
BL_SURVEY	C-1	CC		1393858.49	696627.91
BL_SURVEY	C-1	PT	614+97.83	1392397.61	702168.12

CURVE DATA										
CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH	e	Design Speed
C1	BL_SURVEY	556+95.07	588+72.83	614+97.83	58° 1' 41"	1° 0' 0"	3177.761	5802.76	0.03	55



N.T.S.

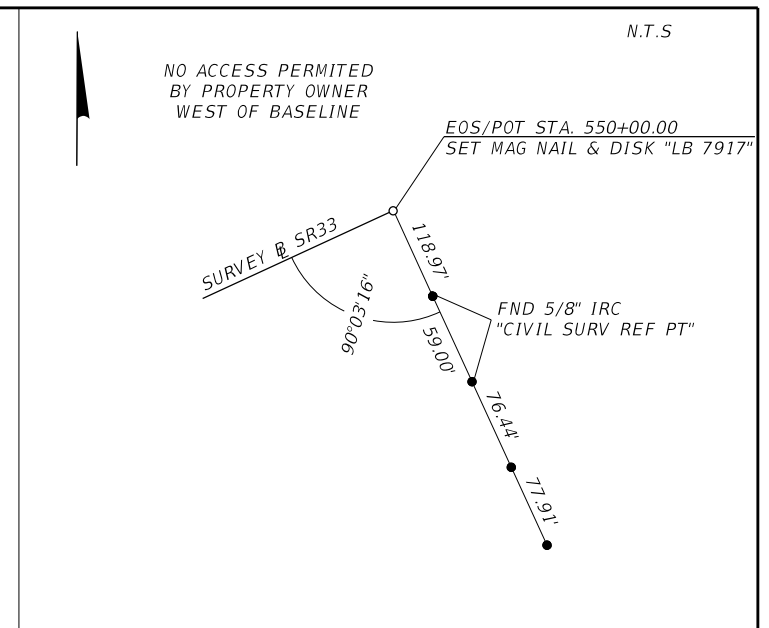
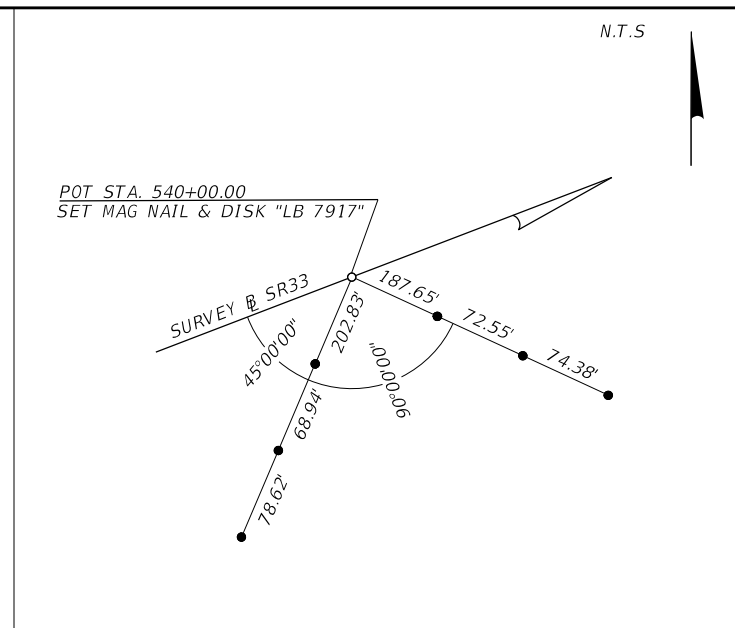
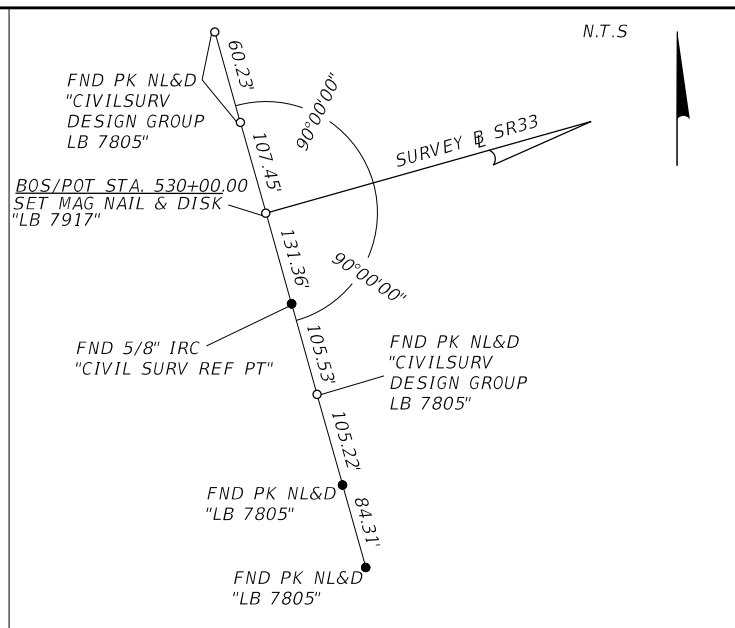
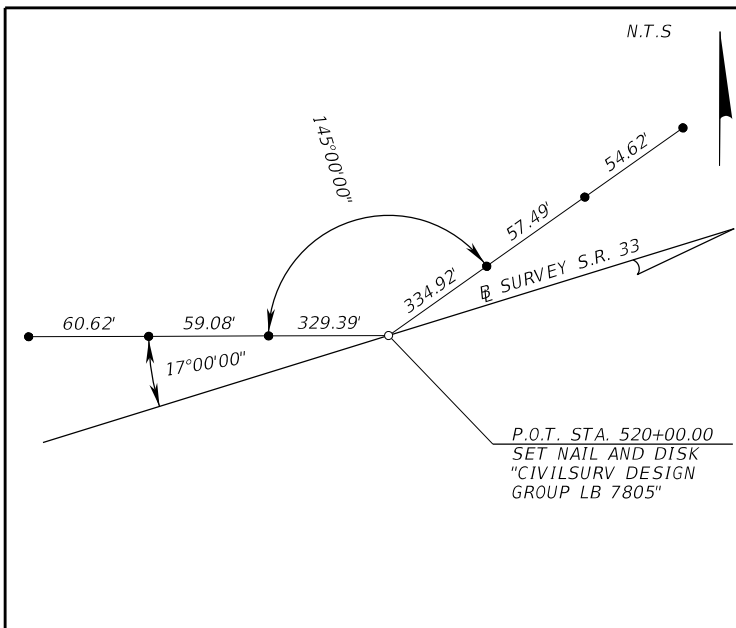


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 subject to changes

NOTE:

- XX ROADWAY PLANS (XX)
- XX ROADWAY PROFILES (XX)

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	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		10
							SR 33	POLK	430185-7-52-01		



PROJECT VERTICAL CONTROL							
NAME	(NAD 83 / 2011)		(NAVD88)	SURVEY #	STATION	OFFSET	DESCRIPTION
	NORTHING (Y)	EASTING (X)	ELEVATION				
BM 524	1387318.00	695273.00	139.258	SR 33	524+67	117.7 RT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 524"
BM 534 RESET	1387814.00	696203.00	137.658	SR 33	535+01	80.9 LT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 534 RESET"
BM 544	1387965.00	697116.00	136.874	SR 33	544+18	44.4 RT.	FOUND 4"X4" CONC. MON. WITH STANDARD FDOT BRASS DISK STAMPED "BM 544"

PROJECT CONTROL NOTES:

1. 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

- LEGEND**
- = SET MAG NAIL AND DISK L.B. 7917 (UNLESS OTHERWISE NOTED)
 - = SET 5/8" IRON ROD AND CAP L.B. 7917 (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
 - NTS = NOT TO SCALE

REFERENCE POINTS

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	430185-7-52-01	

PROJECT CONTROLS

11

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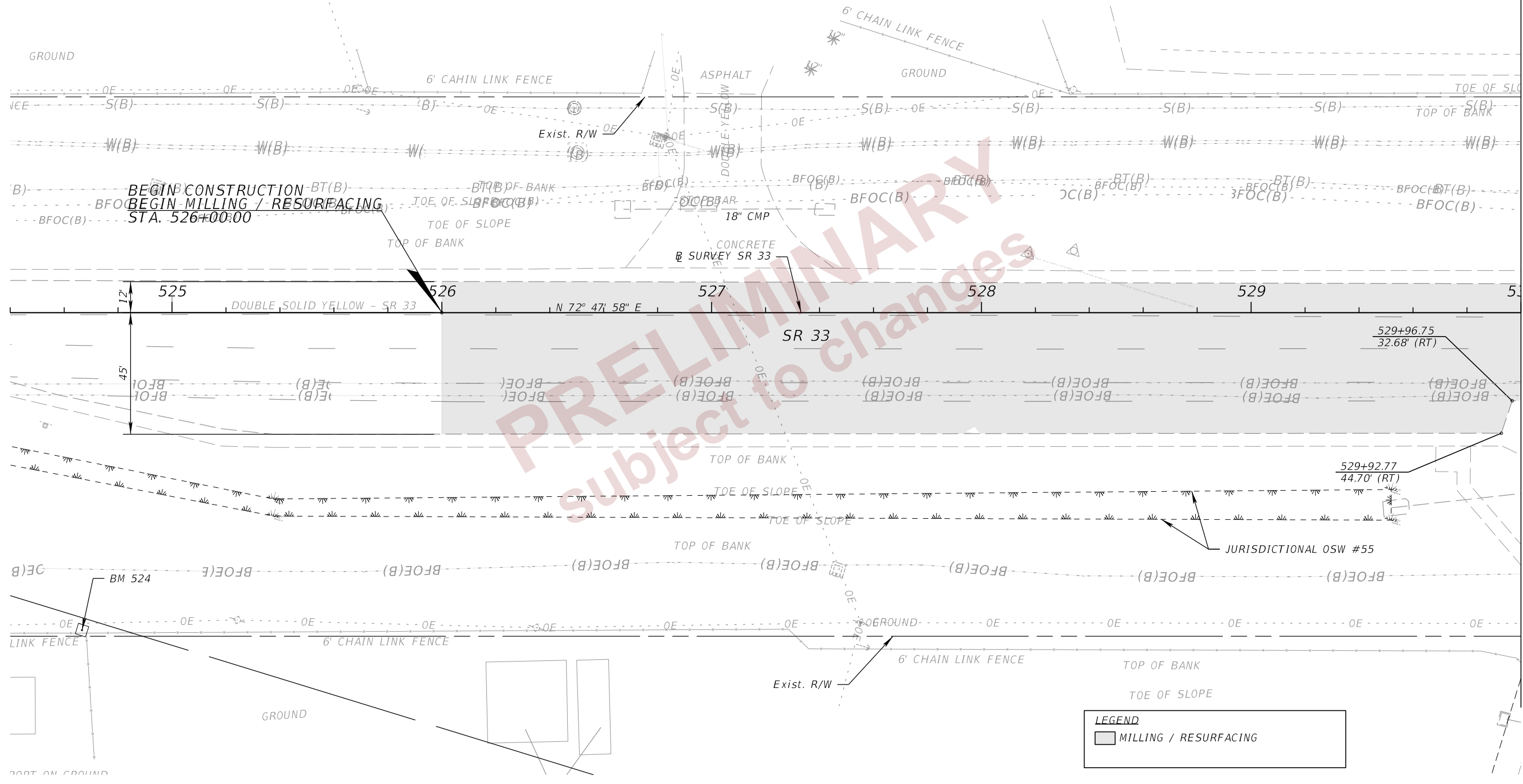
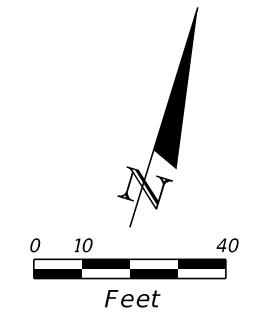
GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND NORTH AMERICAN HORIZONTAL DATUM OF 1983 (ADJ. OF 2011, NAD 1983).
2. ANY PUBLIC LAND CORNER OR BENCHMARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER WILL NOTIFY THE DISTRICT LOCATION SURVEYOR DISTRICT VII SURVEY DEPARTMENT.
3. CONTACT PROPERTY OWNERS TWO WEEKS PRIOR TO CLEARING AND GRUBBING EXISTING SPRINKLER SYSTEMS, SIGNS, OR LANDSCAPING TO BE REMOVED WITHIN THE PROJECT LIMITS.
4. 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.
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 SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF THE DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

CHRISTOPHER J. BOSSHART, PSM
 FLORIDA PROFESSIONAL SURVEYOR AND MAPPER
 NO. 5770
 3903 NORTHDAL BLVD.
 SUITE 115E
 TAMPA, FL 33624

7. ALL EXISTING DRAINAGE STRUCTURES MUST REMAIN IN PLACE, UNLESS NOTED OTHERWISE IN THE PLANS.
8. PIPERAIL HAS BEEN UTILIZED BEHIND GUARDRAIL ALONG SB SR33 TO ACCOUNT FOR PROXIMITY OF FUTURE SIDEWALK, AND IS TO BE INSTALLED IN CONJUNCTION WITH STEEL GUARDRAIL POSTS. CONTRACTOR CAN OPT TO ELIMINATE PIPERAIL BY UTILIZING WOODEN GUARDRAIL POSTS. END TERMINALS ALONG SB SR33 SHALL UTILIZE WOODEN POSTS.

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	430185-7-52-01	GENERAL NOTES
									12

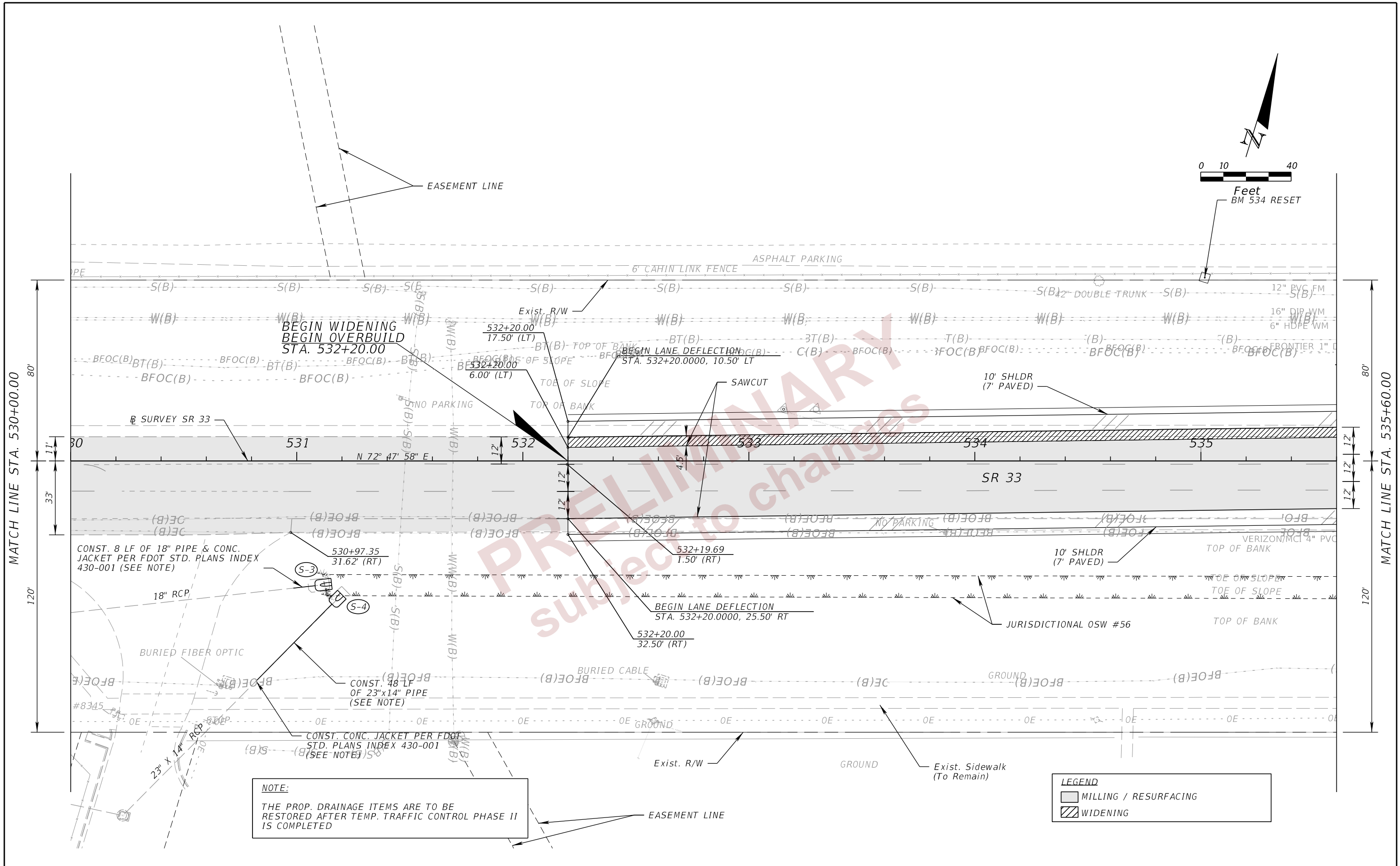
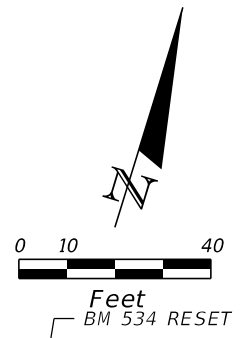


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LEGEND	
	MILLING / RESURFACING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (1)	SHEET NO. 13
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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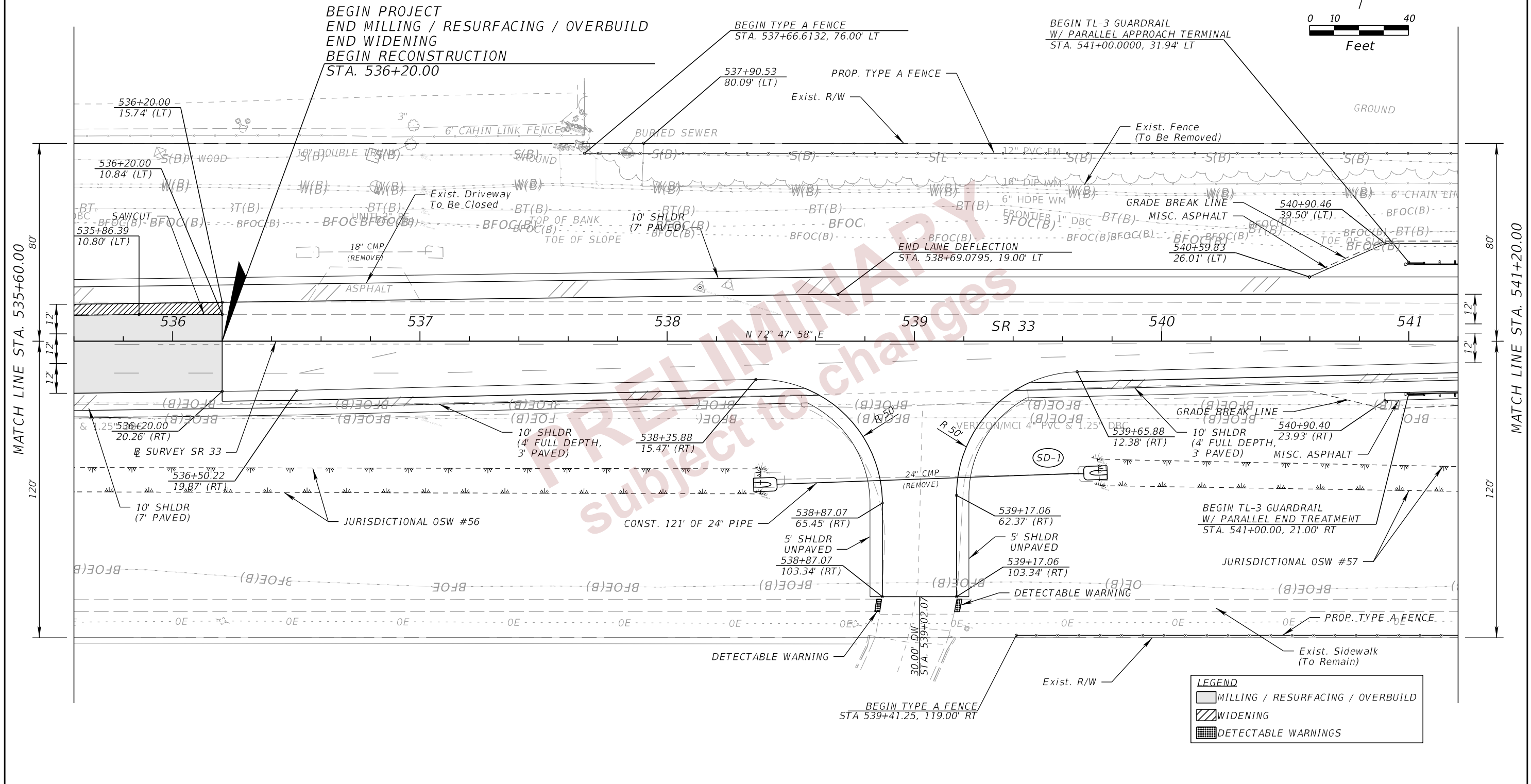
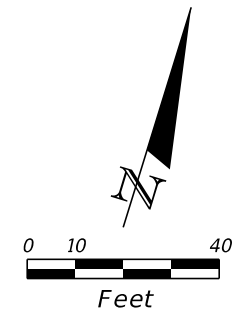


NOTE:
 THE PROP. DRAINAGE ITEMS ARE TO BE RESTORED AFTER TEMP. TRAFFIC CONTROL PHASE II IS COMPLETED

LEGEND	
	MILLING / RESURFACING
	WIDENING

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	430185-7-52-01	14
ROADWAY PLANS (2)									

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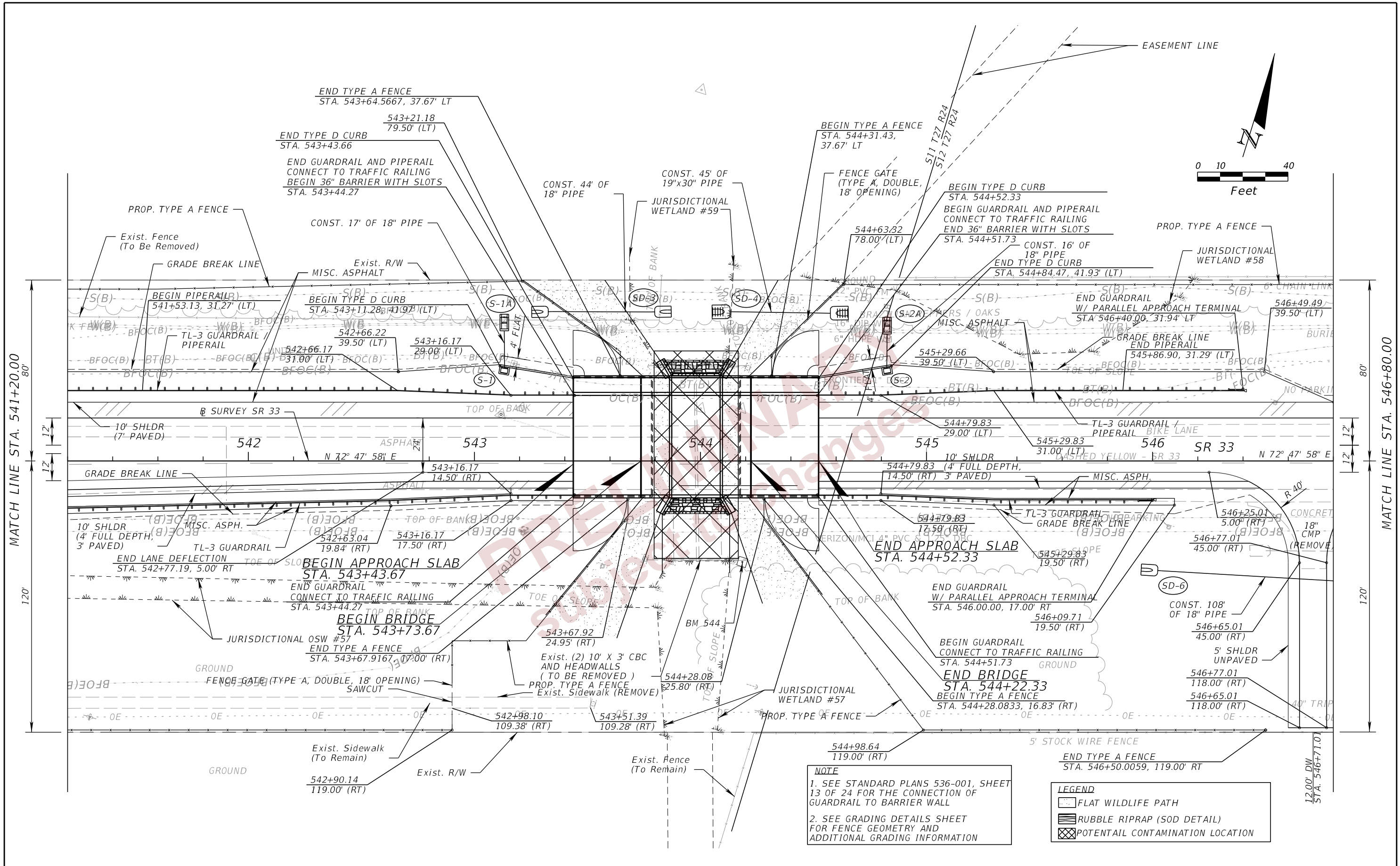


LEGEND		
	MILLING / RESURFACING / OVERBUILD	
	WIDENING	
	DETECTABLE WARNINGS	

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 15
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	

ROADWAY PLANS (3)

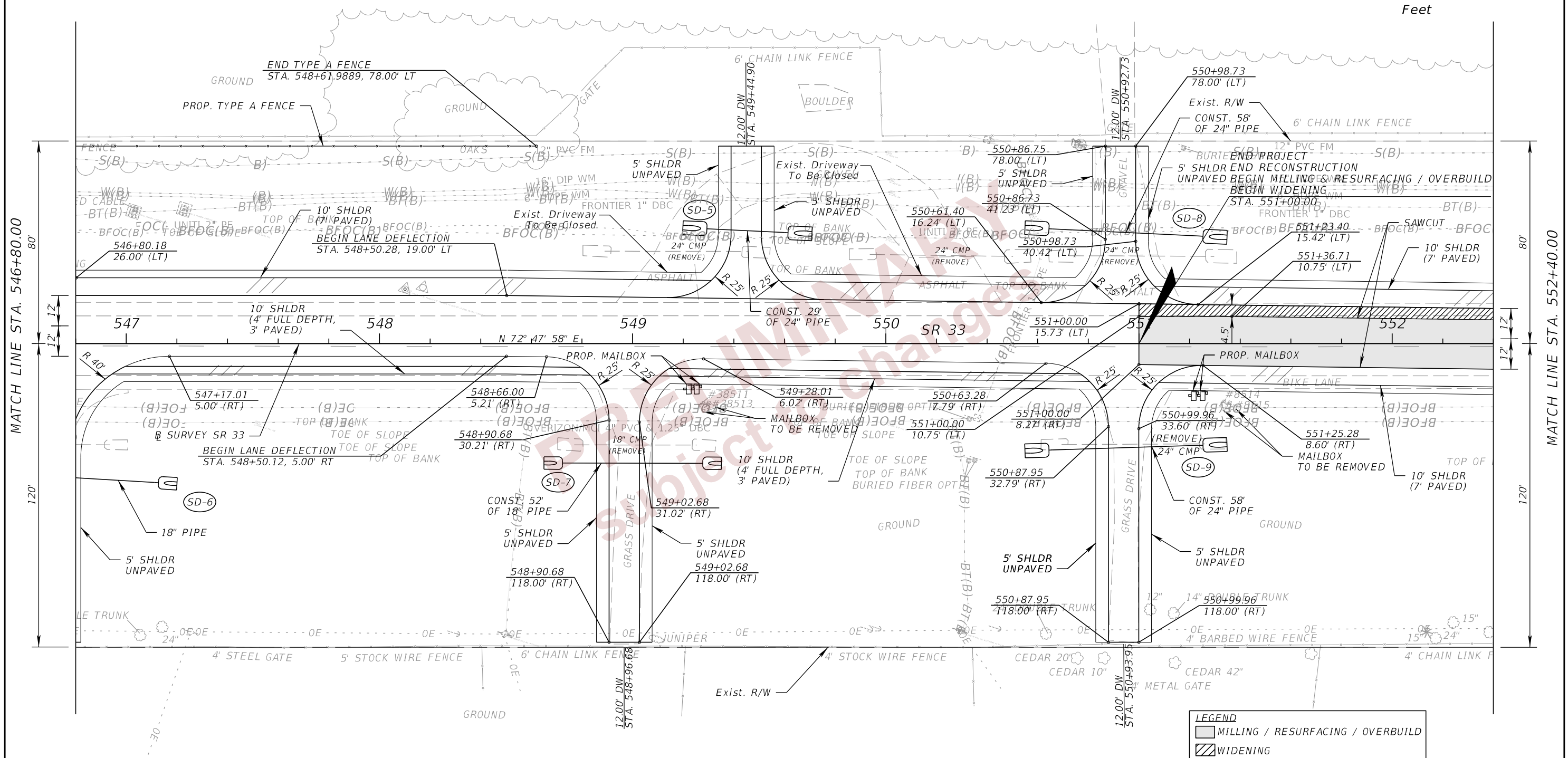
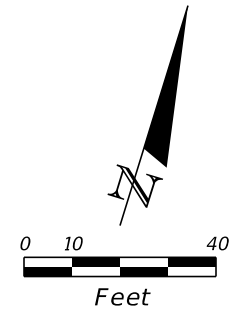
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-7-52-01	

ROADWAY PLANS (4)

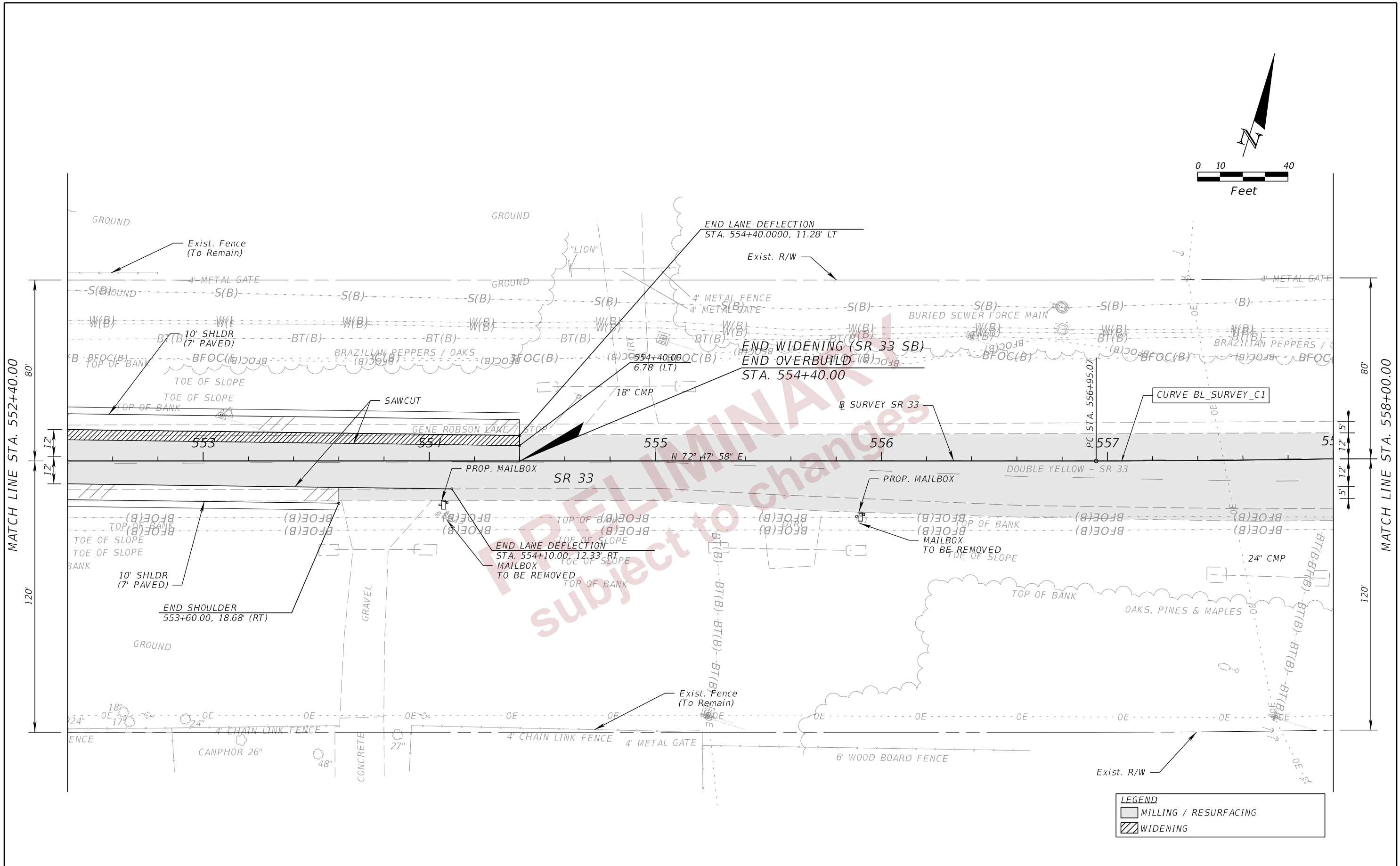
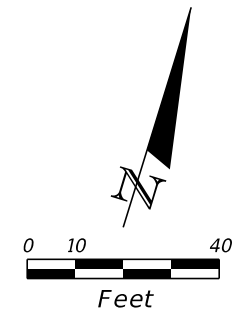
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND	
	MILLING / RESURFACING / OVERBUILD
	WIDENING

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	
ROADWAY PLANS (5)									17

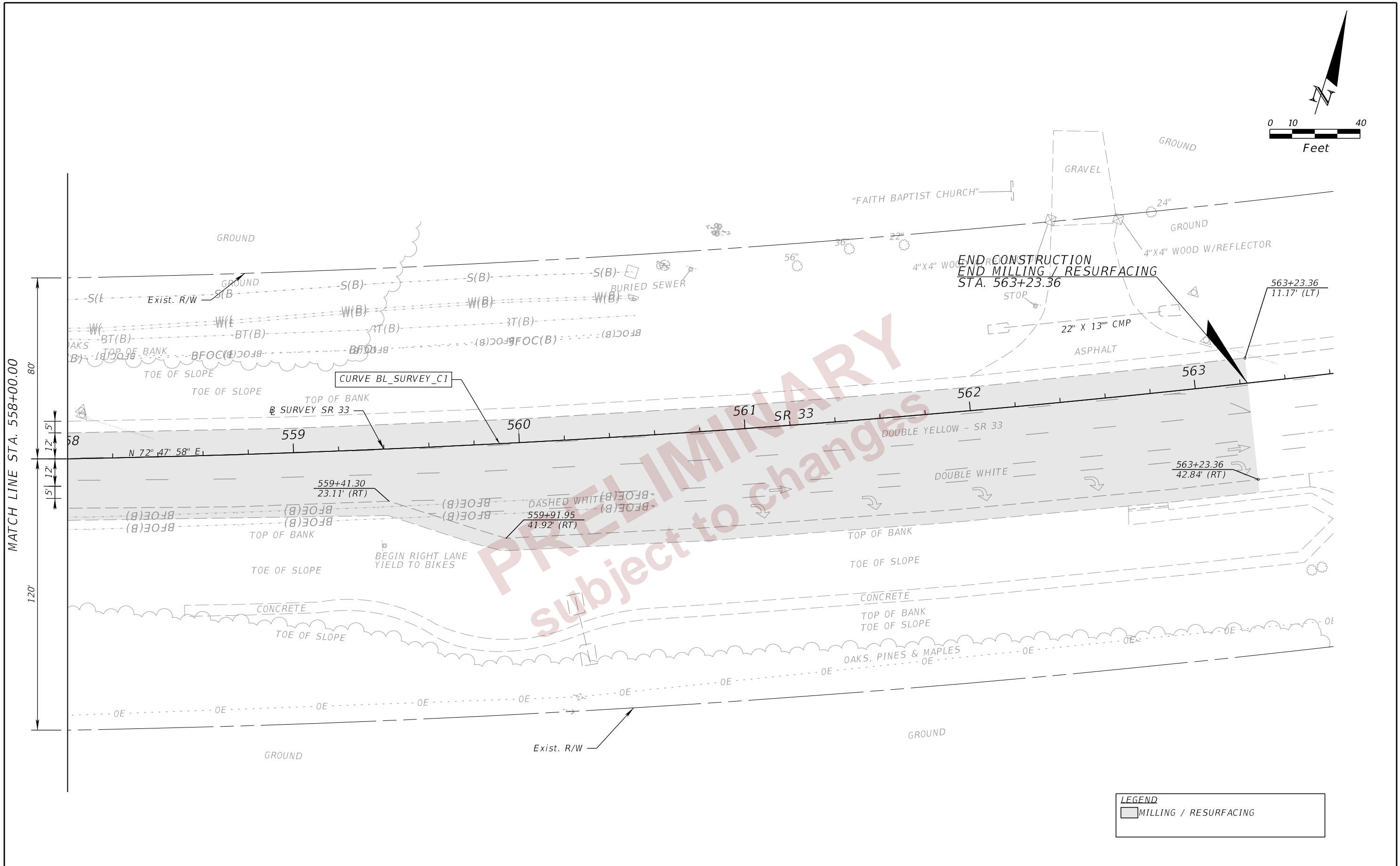
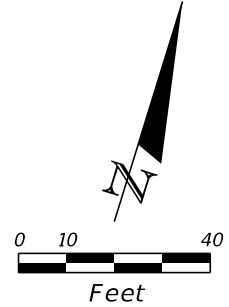
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LEGEND	
	MILLING / RESURFACING
	WIDENING

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	430185-7-52-01	
ROADWAY PLANS (6)									18

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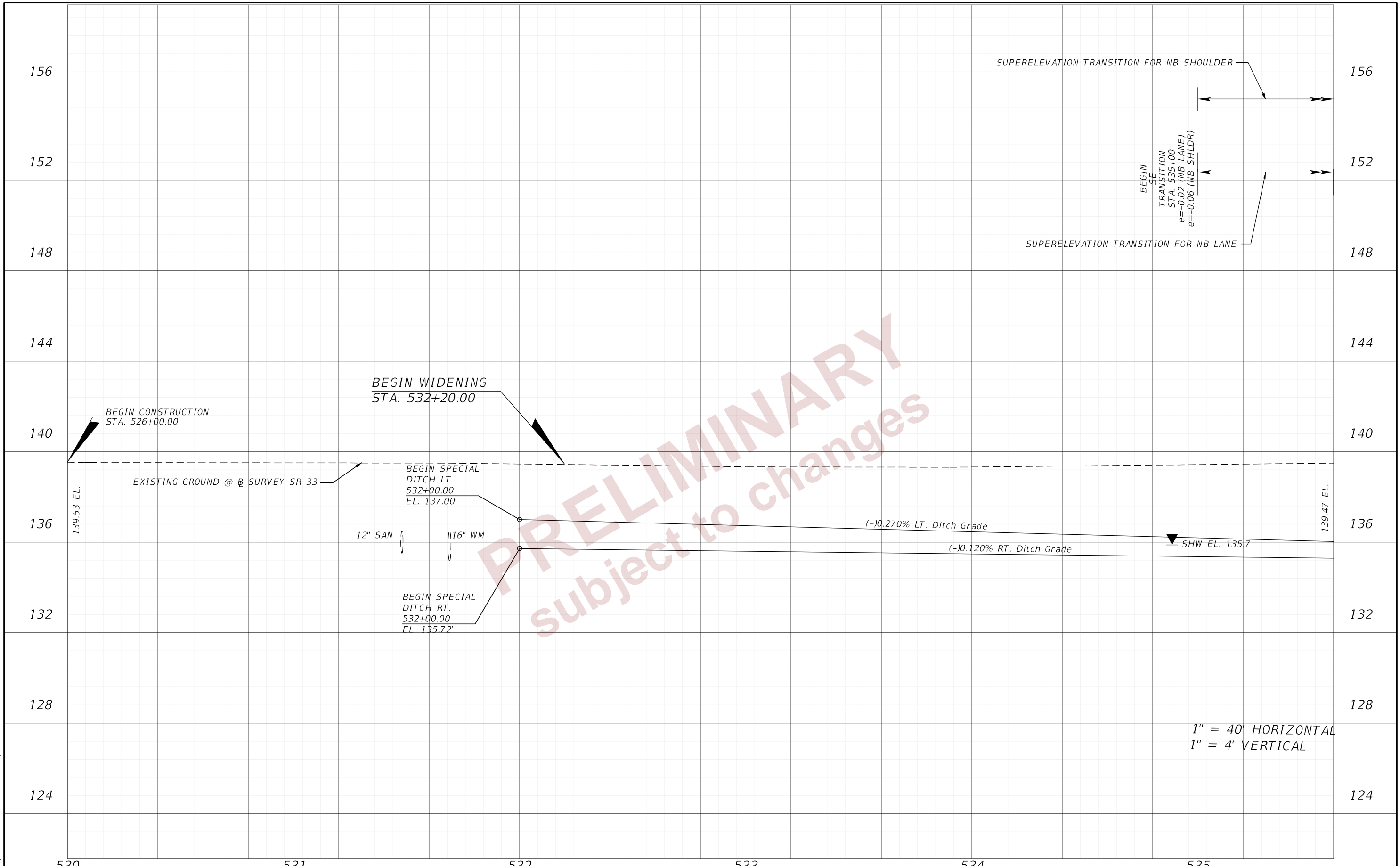
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LEGEND	
	MILLING / RESURFACING

REVISIONS			ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (7)	SHEET NO. 19
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	430185-7-52-01		

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2/28/2024 6:21:56 PM john.lin
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SUPERELEVATION TRANSITION FOR NB SHOULDER
 SUPERELEVATION TRANSITION FOR NB LANE
 BEGIN SE
 TRANSITION
 STA. 535+00
 e=-0.02 (NB LANE)
 e=-0.06 (NB SHLDR)

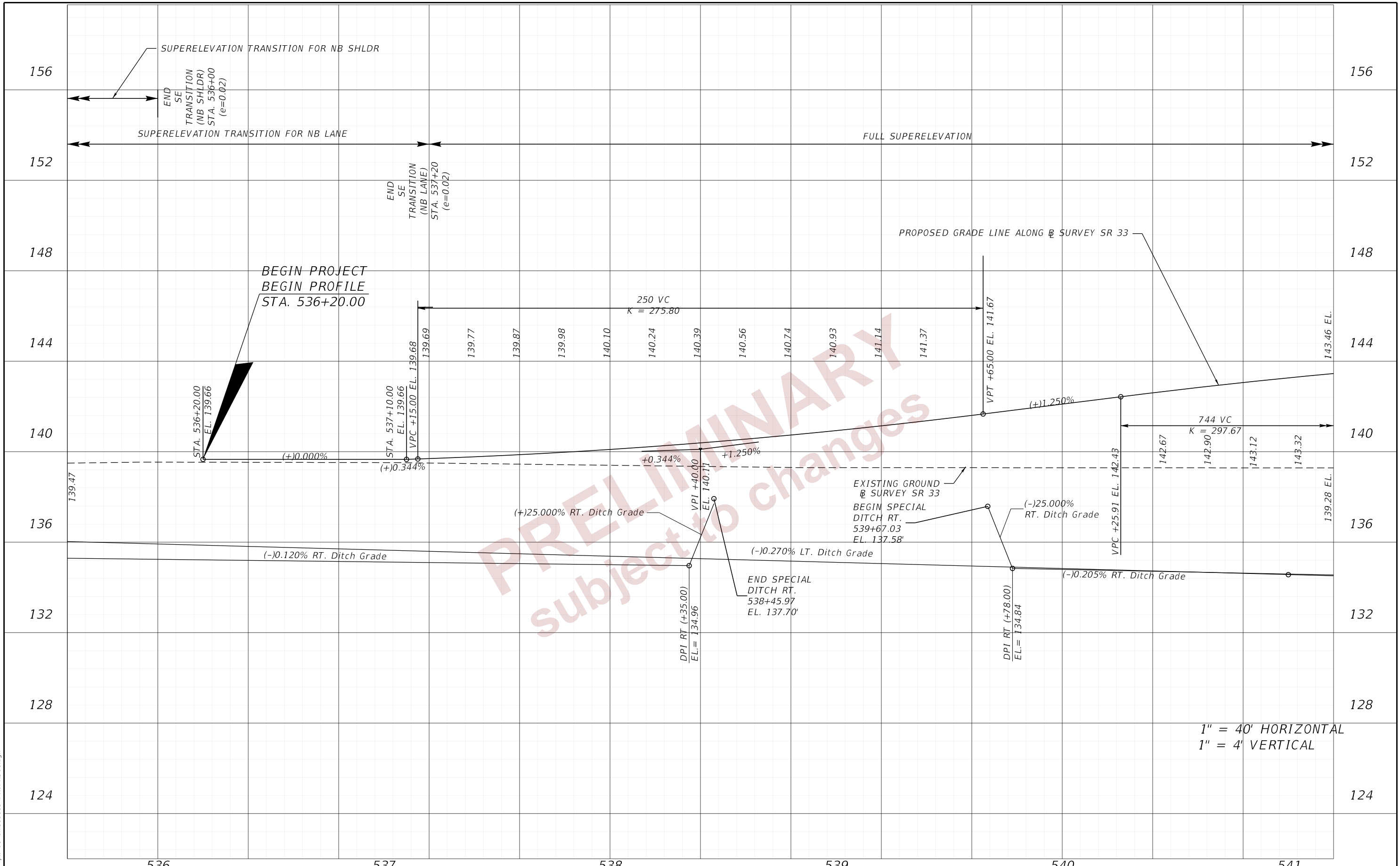
1" = 40' HORIZONTAL
 1" = 4' VERTICAL

DATE		DESCRIPTION		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 LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FL 33602		SR 33	POLK	430185-7-52-01	20

ROADWAY PROFILES (1)

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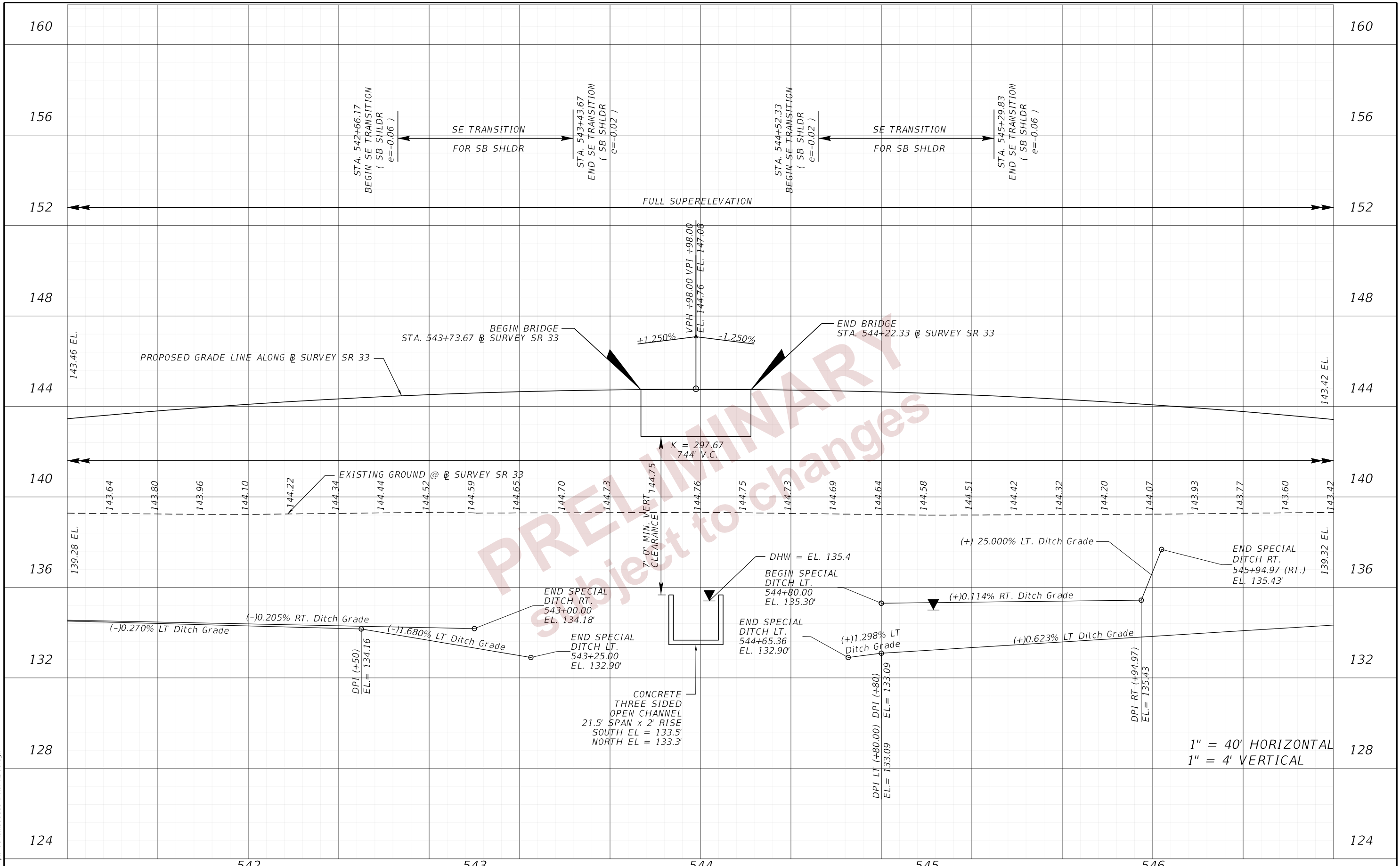


1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (2)	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FL 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01					

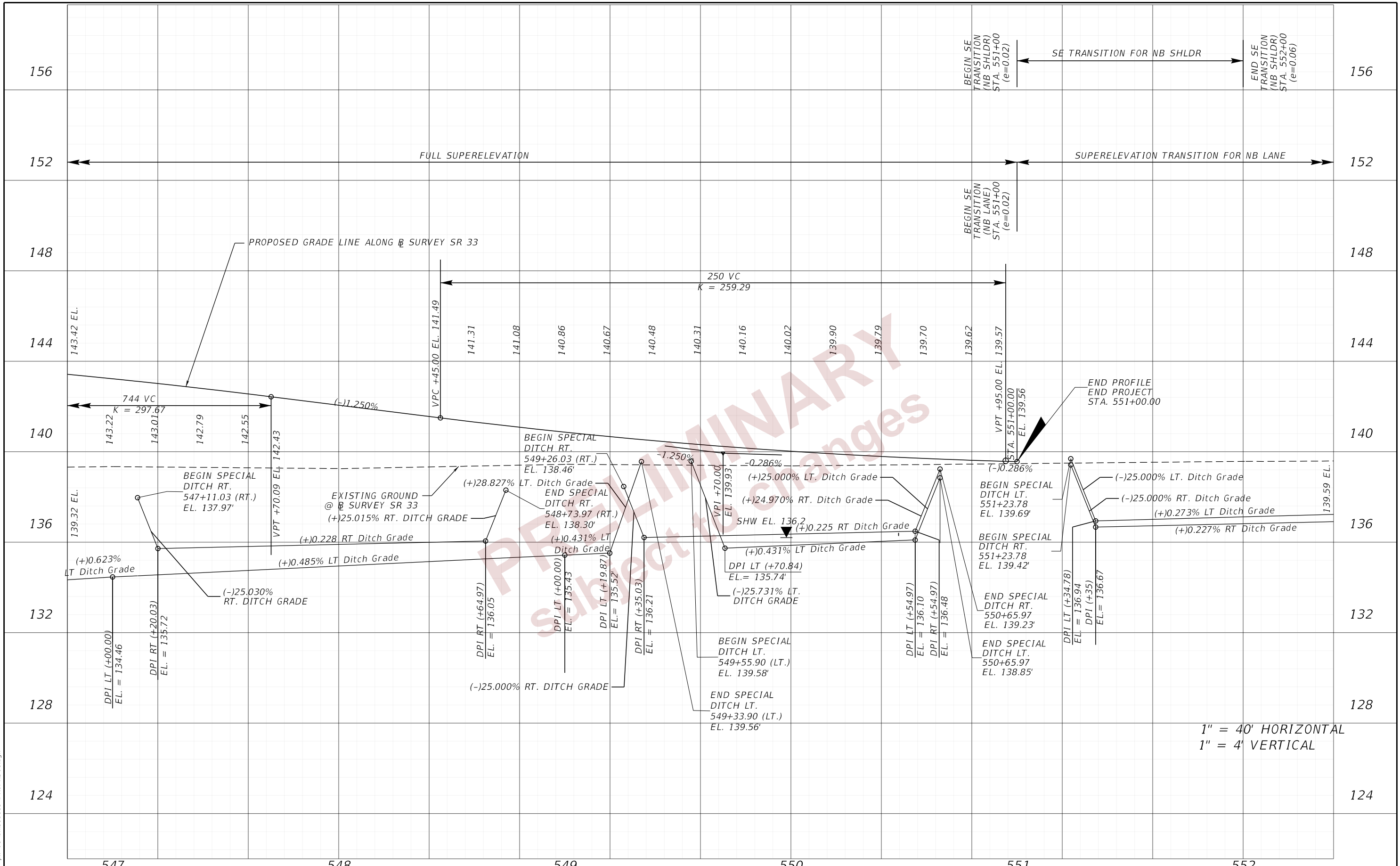
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01		22

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



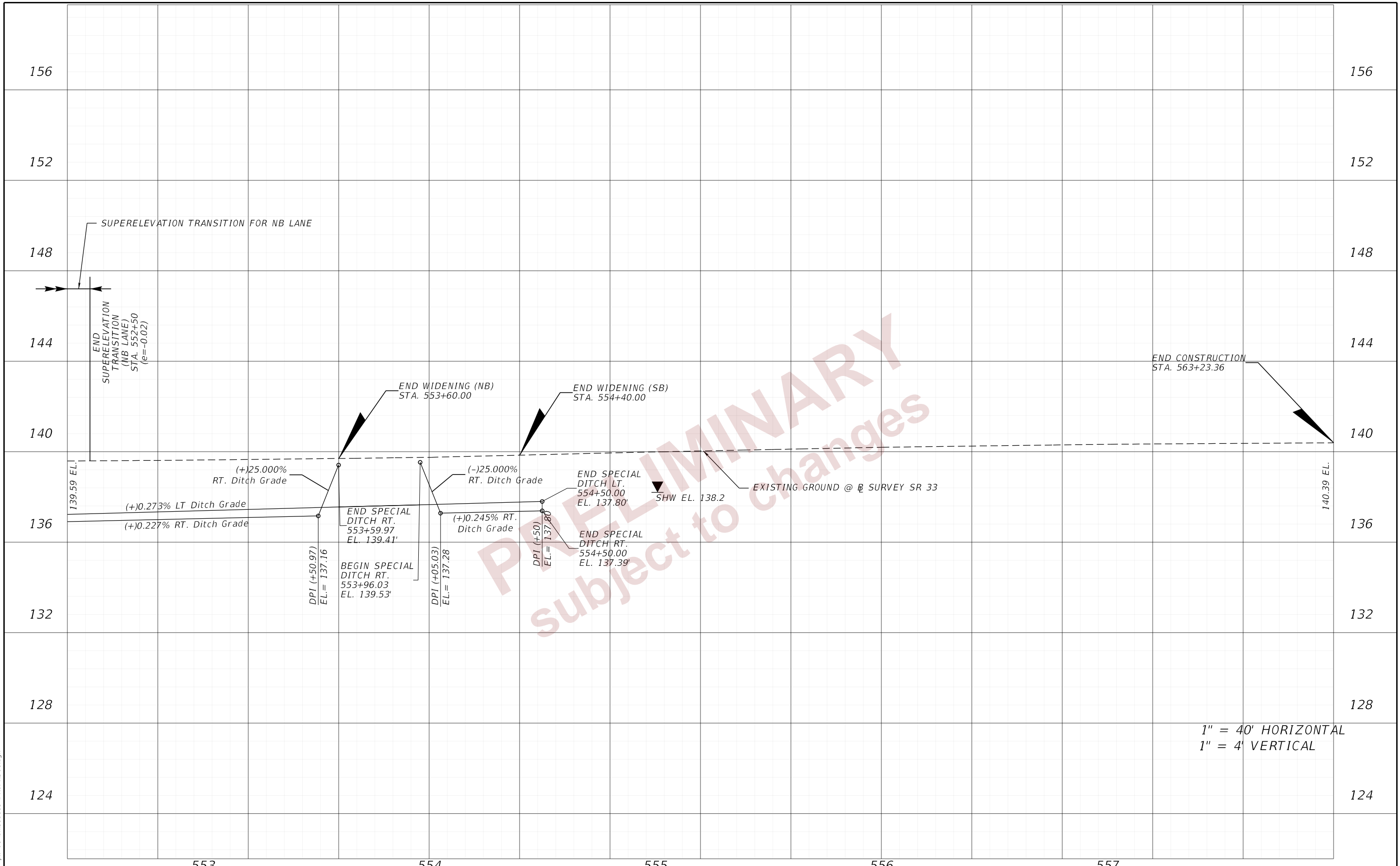
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1" = 4' VERTICAL

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILES (4)	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FL 33602	SR 33	POLK	430185-7-52-01		

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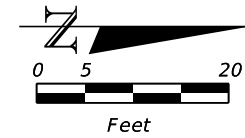
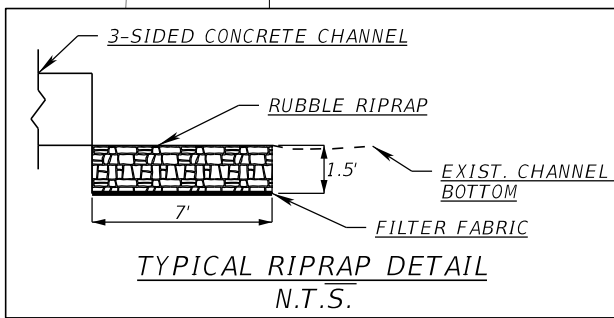


END CONSTRUCTION
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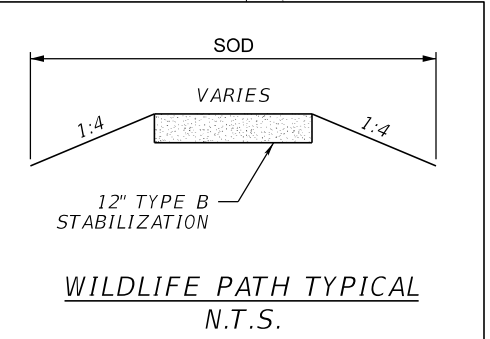
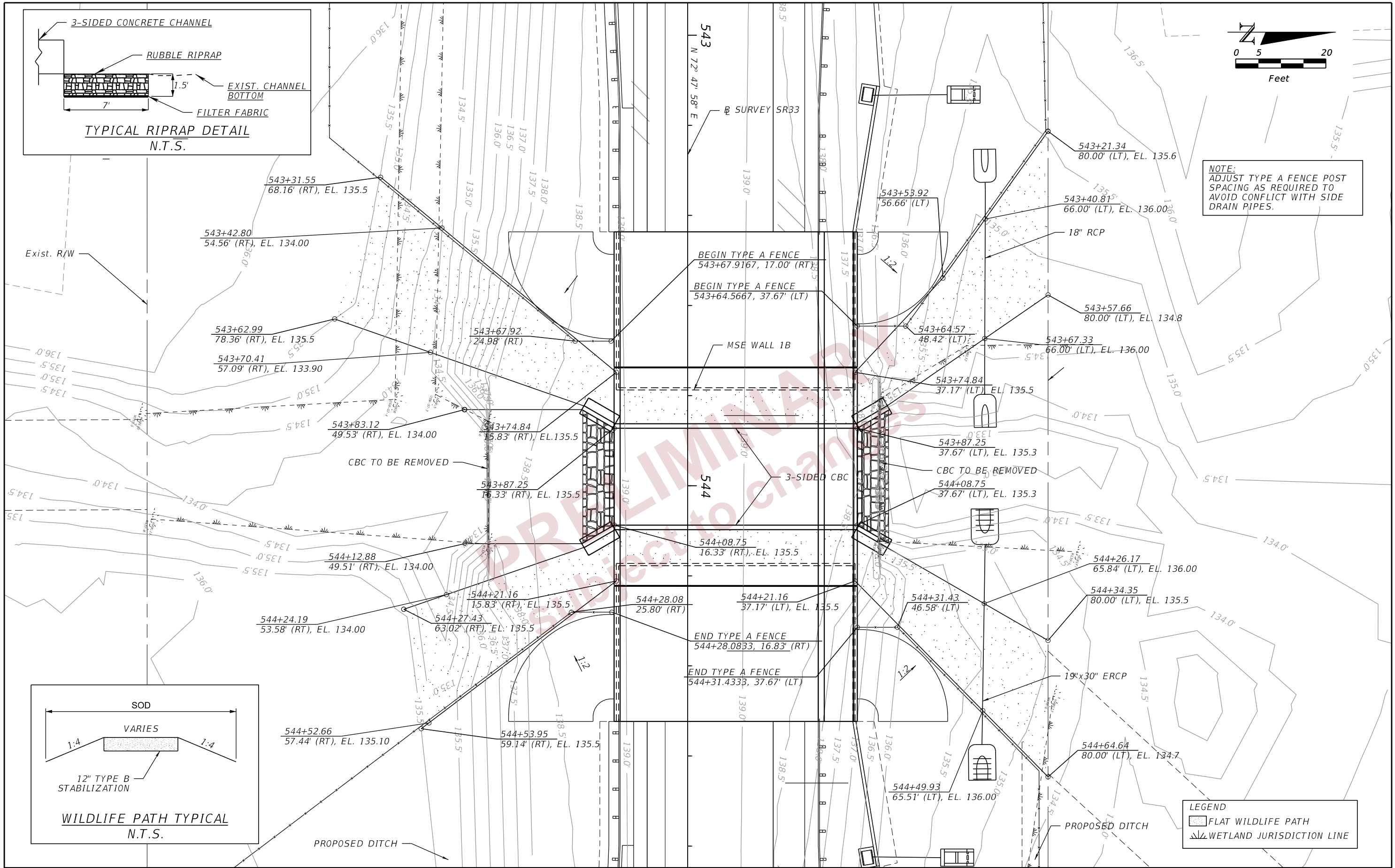
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DATE		DESCRIPTION		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROADWAY PROFILES (5)		
						DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FL 33602	SR 33	POLK	430185-7-52-01	24	

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



NOTE:
ADJUST TYPE A FENCE POST
SPACING AS REQUIRED TO
AVOID CONFLICT WITH SIDE
DRAIN PIPES.



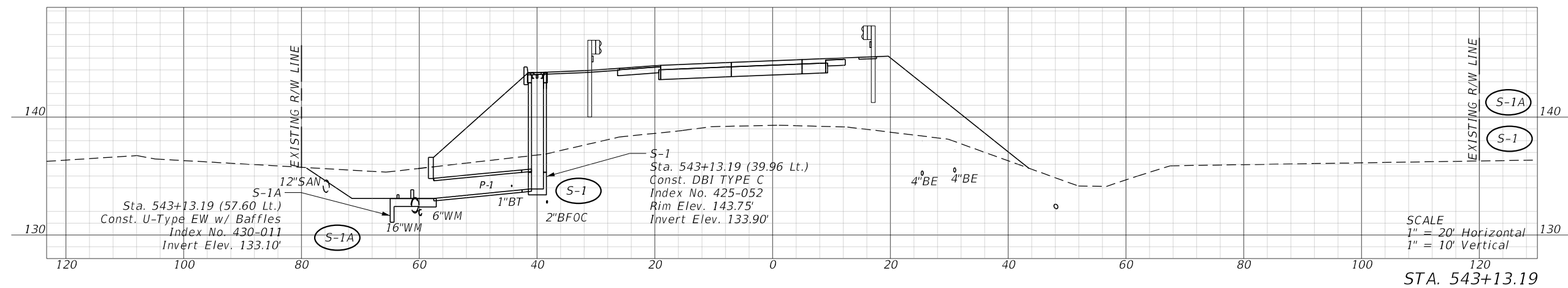
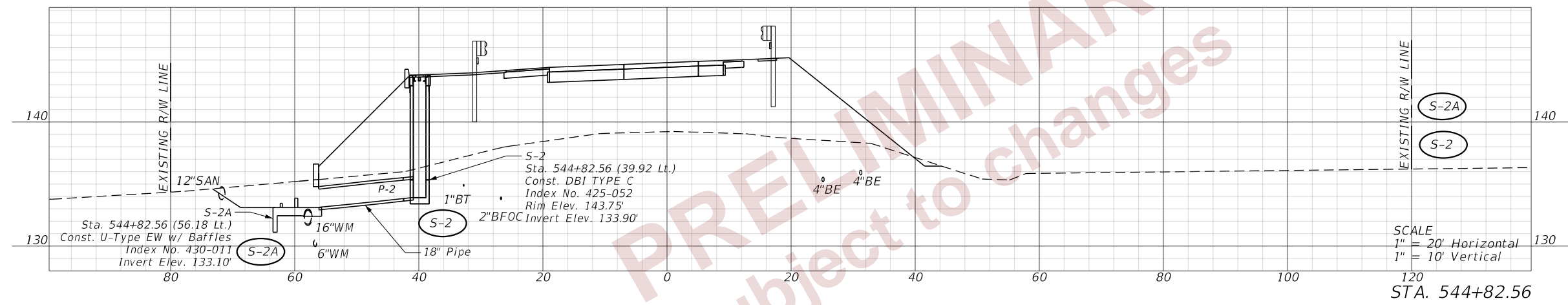
LEGEND

	FLAT WILDLIFE PATH
	WETLAND JURISDICTION LINE

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-7-52-01	

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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	
				THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-7-52-01	
DRAINAGE STRUCTURES									26

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Pipe Data								
Label	Number of Barrels	Length (ft)	Size (in)	Start Node (Upper)	Start Invert (ft)	Stop Node (Lower)	Stop Invert (ft)	Optional Pipe
P-1	1	17	18 inch	S-1	133.90	S-1A	133.10	Group 1
P-2	1	16	18 inch	S-2	133.90	S-2A	133.10	Group 1
P-3	1	8	18 inch	Concrete Jacket	135.69	S-3	135.68	Group 1
P-4	1	48	14x23 inch	Concrete Jacket	135.96	S-4	135.67	Group 4
PD-1	1	121	24 inch	SD-1A	134.96	SD-1B	134.84	Group 2
PD-3	1	44	18 inch	SD-3A	132.90	SD-3B	132.80	Group 3
PD-4	1	45	19x30 inch	SD-4A	132.90	SD-4B	132.80	Group 3
PD-5	1	29	24 inch	SD-5A	135.54	SD-5B	135.76	Group 1
PD-6	1	108	18 inch	SD-6A	135.72	SD-6B	135.43	Group 1
PD-7	1	52	18 inch	SD-7A	136.21	SD-7B	136.05	Group 1
PD-8	1	58	24 inch	SD-8A	136.94	SD-8B	136.10	Group 1
PD-9	1	58	24 inch	SD-9A	136.67	SD-9B	136.48	Group 1

Structure Data									
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 Index Series) Notes	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-1	BL_SURVEY	543+13.19	-39.96	DBI TYPE C	2.00' X 3.08'	425-052	143.75	133.90	(Out) S-1
S-2	BL_SURVEY	544+82.56	-39.92	DBI TYPE C	2.00' X 3.08'	425-052	143.75	133.90	(Out) S-2

Endwall and 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-1A	BL_SURVEY	543+13.19	-56.18	U-ENDWALL WITH BAFFLES, 1:2	133.10	430-011	
S-2A	BL_SURVEY	544+82.56	-57.60	U-ENDWALL WITH BAFFLES, 1:2	133.10	430-011	
S-3	BL_SURVEY	531+10.41	54.92	SD MES, 1:6	135.68	430-022	
S-4	BL_SURVEY	531+17.32	61.72	SD MES, 1:6	135.67	430-022	
SD-1A	BL_SURVEY	538+42.00	57.93	SD MES, 1:4	134.96	430-022	
SD-1B	BL_SURVEY	539+71.00	53.35	SD MES, 1:4	134.84	430-022	
SD-3A	BL_SURVEY	543+30.36	-66.00	SD MES, 1:4	132.90	430-022	
SD-3B	BL_SURVEY	543+82.02	-66.00	SD MES, 1:4	132.80	430-022	
SD-4A	BL_SURVEY	544+10.52	-66.00	SD MES, 1:4	132.80	430-022	
SD-4B	BL_SURVEY	544+60.00	-65.37	SD MES, 1:4	132.90	430-022	
SD-5A	BL_SURVEY	549+32.00	-55.67	SD MES, 1:4	135.54	430-022	
SD-5B	BL_SURVEY	549+68.00	-52.43	SD MES, 1:4	135.76	430-022	
SD-6A	BL_SURVEY	547+15.00	55.08	SD MES, 1:4	135.72	430-022	
SD-6B	BL_SURVEY	546+00.00	48.32	SD MES, 1:4	135.43	430-022	
SD-7A	BL_SURVEY	549+30.00	47.28	SD MES, 1:4	136.21	430-022	
SD-7B	BL_SURVEY	548+70.00	47.20	SD MES, 1:4	136.05	430-022	
SD-8A	BL_SURVEY	551+27.76	-42.31	SD MES, 1:4	136.94	430-022	
SD-8B	BL_SURVEY	550+62.00	-45.46	SD MES, 1:4	136.10	430-022	
SD-9A	BL_SURVEY	551+27.75	40.08	SD MES, 1:4	136.67	430-022	
SD-9B	BL_SURVEY	550+62.00	42.15	SD MES, 1:4	136.48	430-022	

REVISIONS			ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE SUMMARY TABLES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-7-52-01		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.

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 : 430185-7-52-01
 PROJECT NAME: STATE ROAD NO. SR 33 AT WILDLIFE CROSSING

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 536+20.00 SURVEY ENDS STA. : 551+00.00

REFERENCE: BASELINE SURVEY 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	1	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 LIMEROCK	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.
- 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.

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

- ▼ - WATER TABLE ENCOUNTERED
- GNE - GROUNDWATER NOT ENCOUNTERED
- ▽^P ESTIMATED SEASONAL HIGH GROUNDWATER TABLE EXPECTED TO BE A PERCHED CONDITION
- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

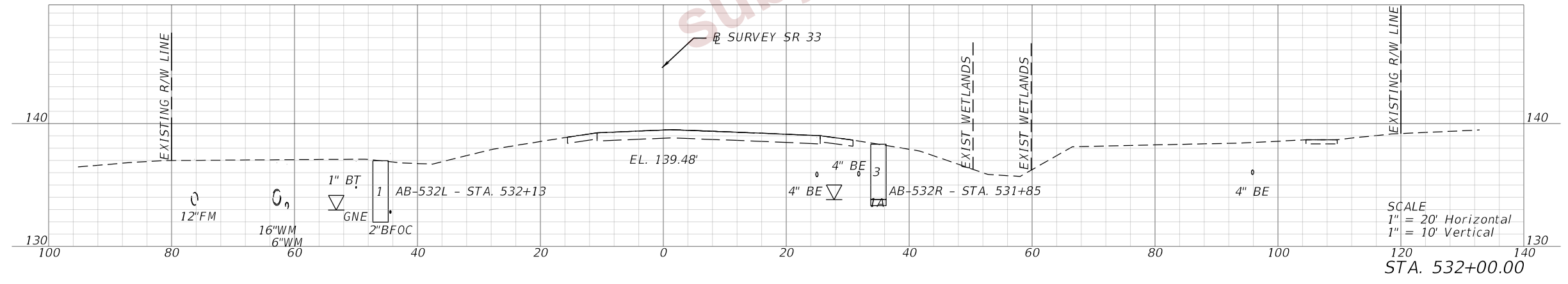
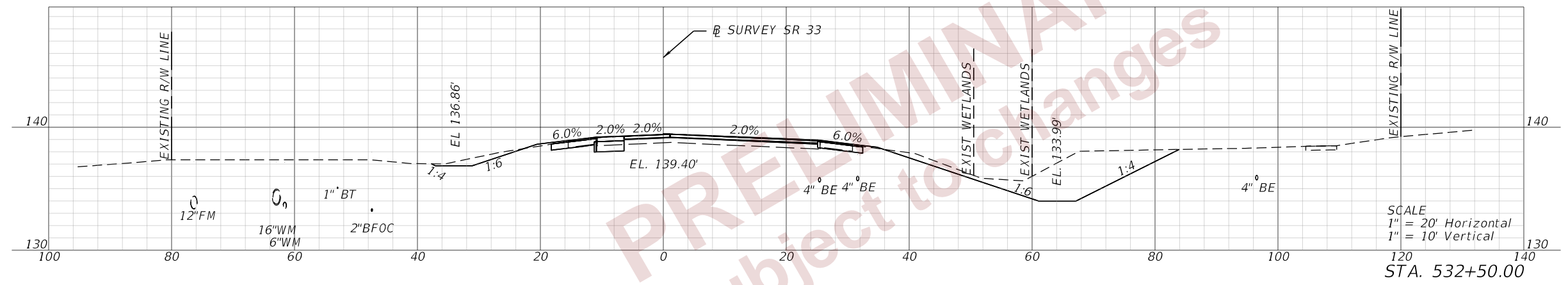
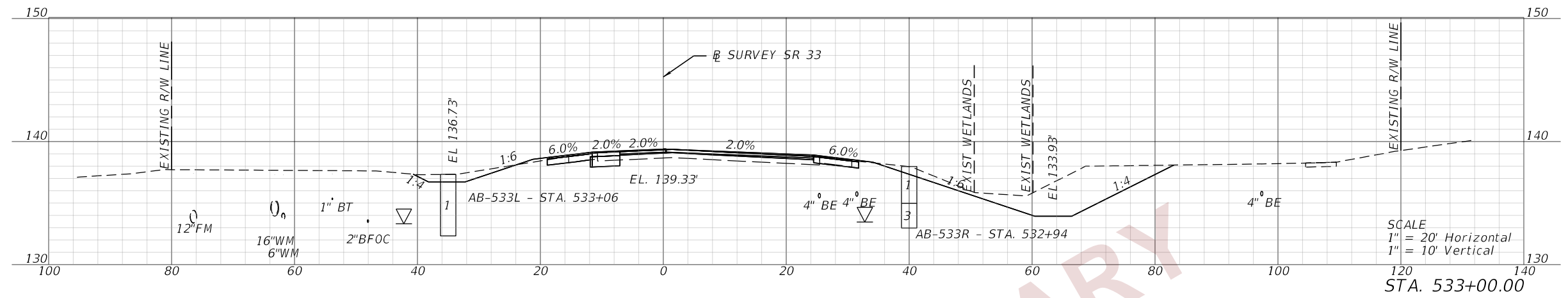
- THE PARAMETERS PRESENTED ON THIS ROADWAY SOIL SURVEY INCLUDE DATA FROM FINANCIAL PROJECT ID'S 430185-4-52-01 AND 430185-7-52-01.
- THE "--" INDICATES AN UNMEASURED PARAMETER

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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	430185-7-52-01		

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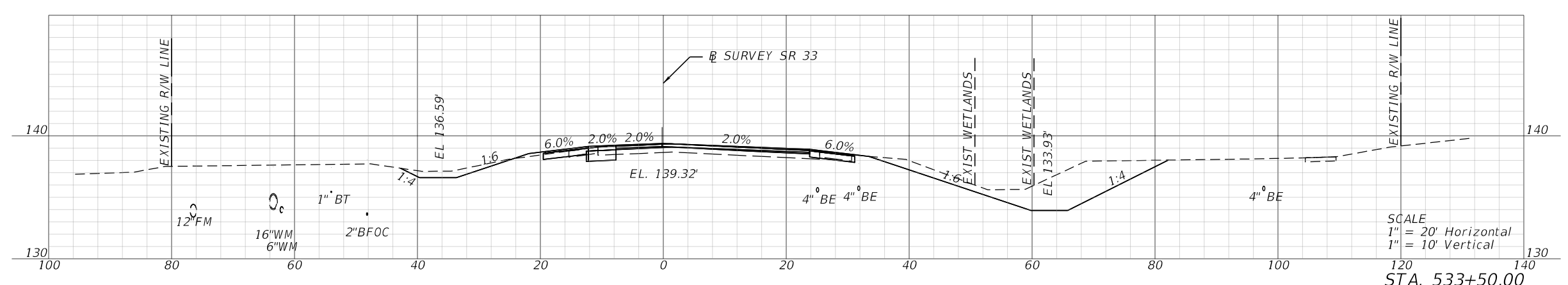
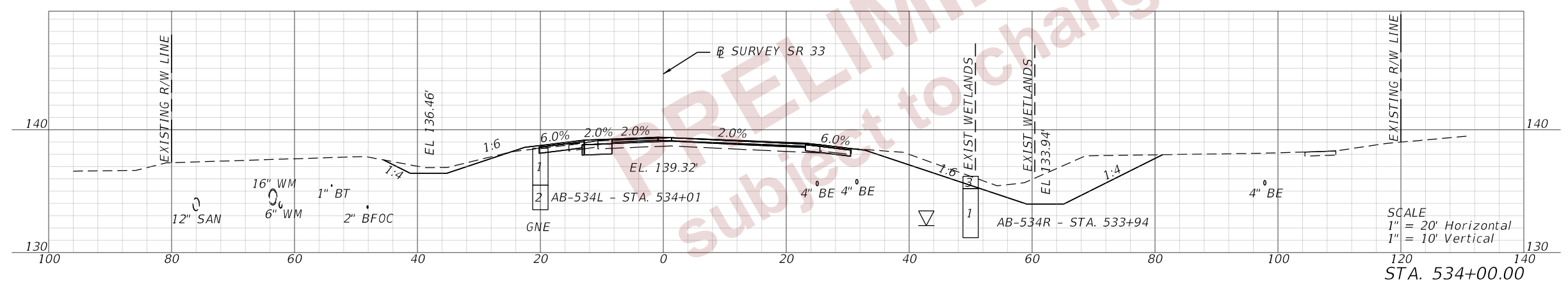
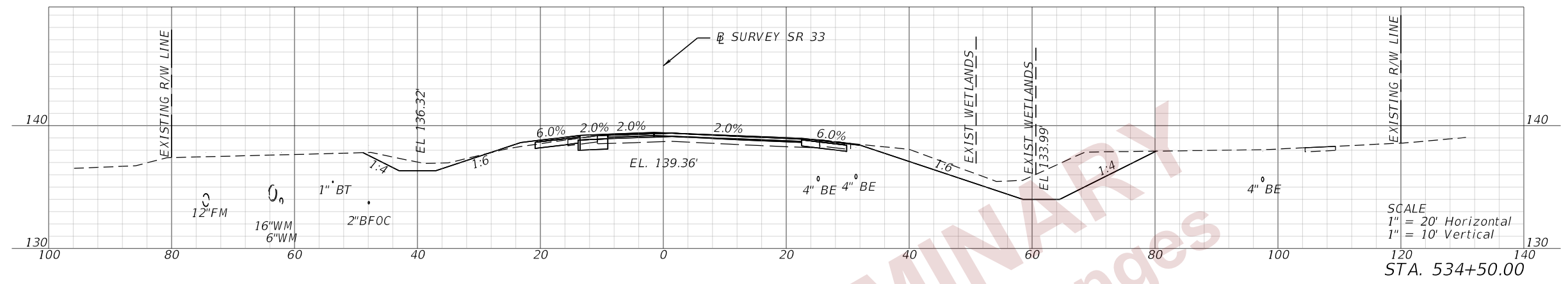
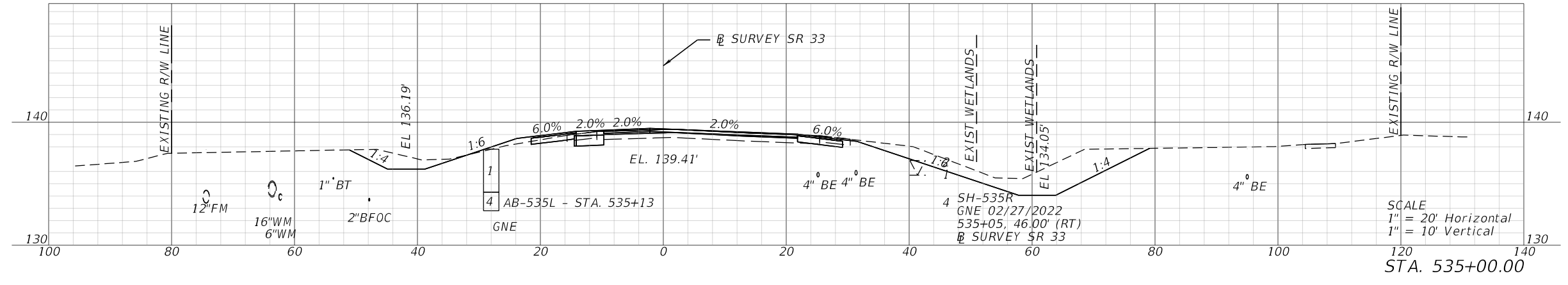


BEGIN CONSTRUCTION
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-7-52-01	
							CROSS SECTIONS (1)			

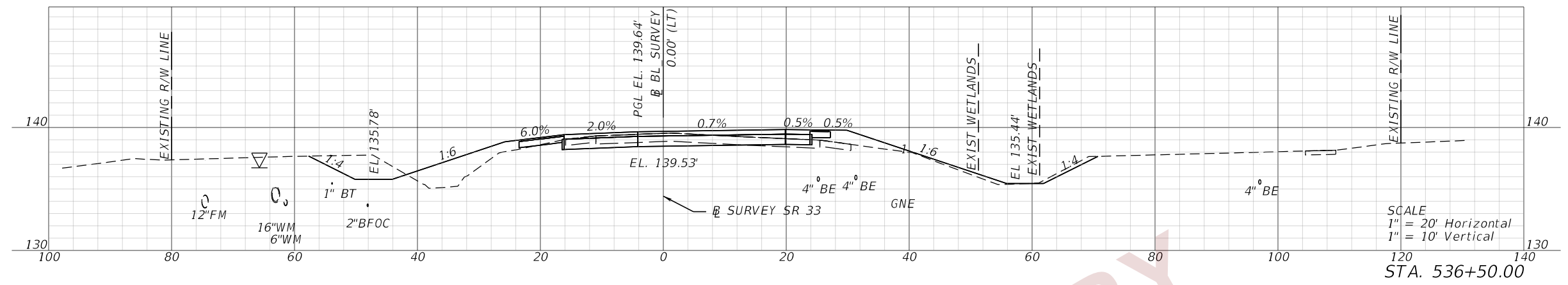
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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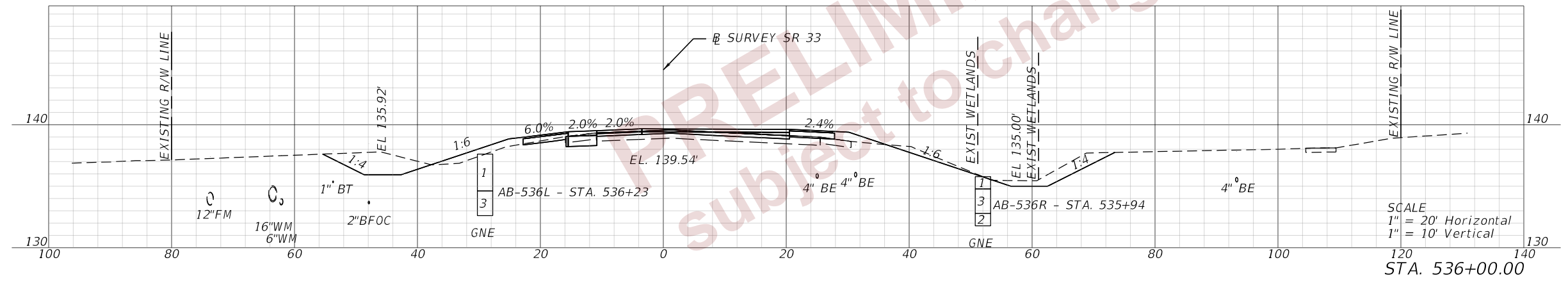
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			SR 33	POLK	430185-7-52-01	
CROSS SECTIONS (2)										

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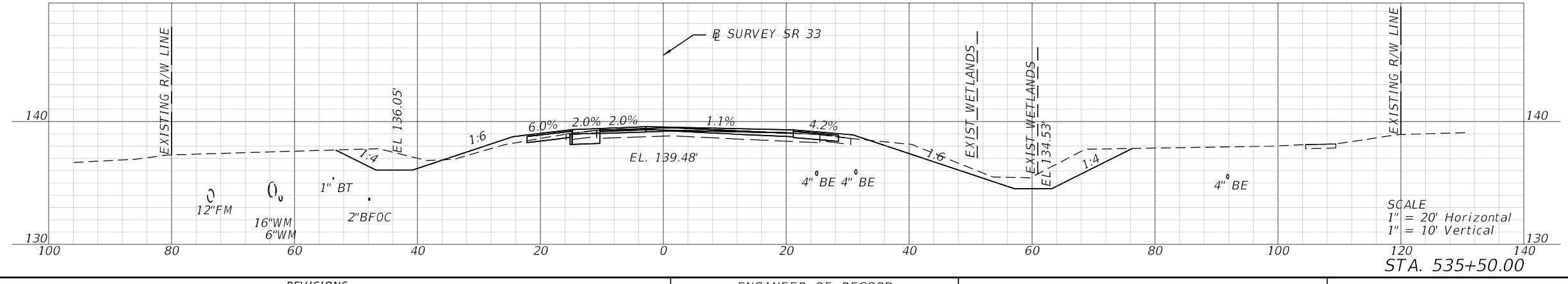


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BEGIN PROJECT
STA. 536+20.00



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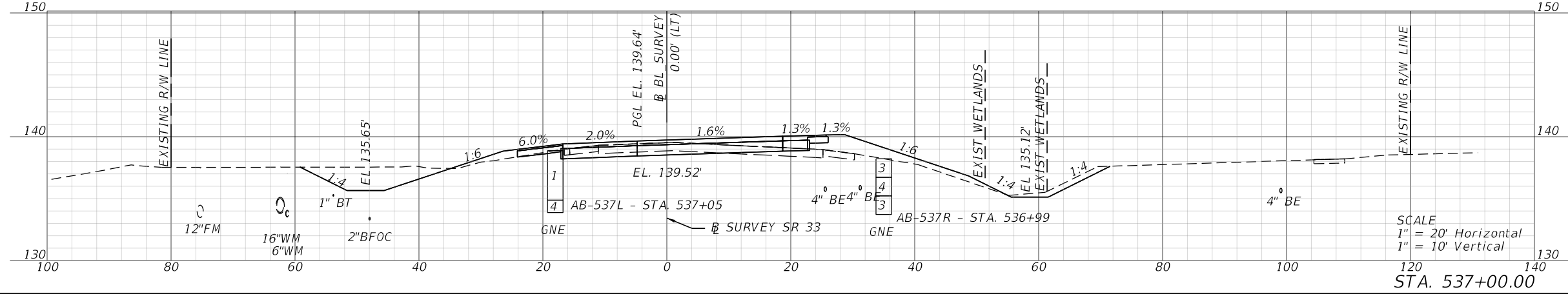
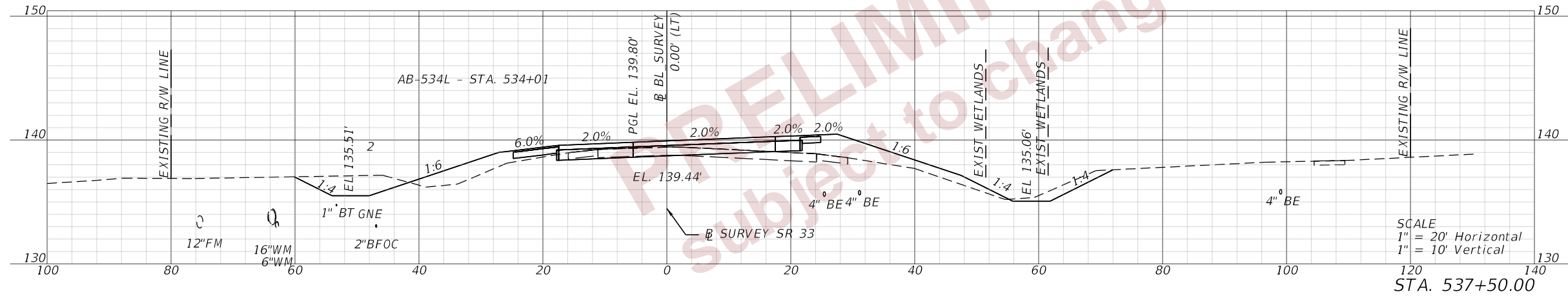
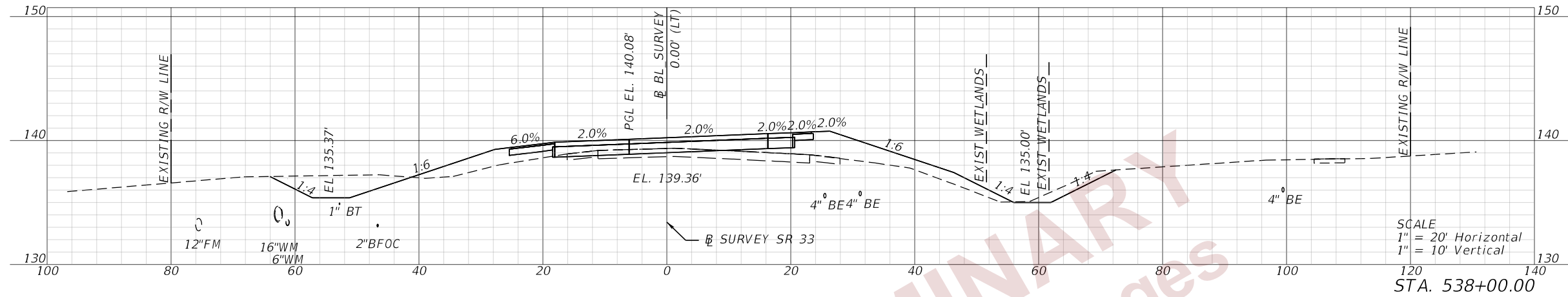


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			SR 33	POLK	430185-7-52-01	
CROSS SECTIONS (3)										

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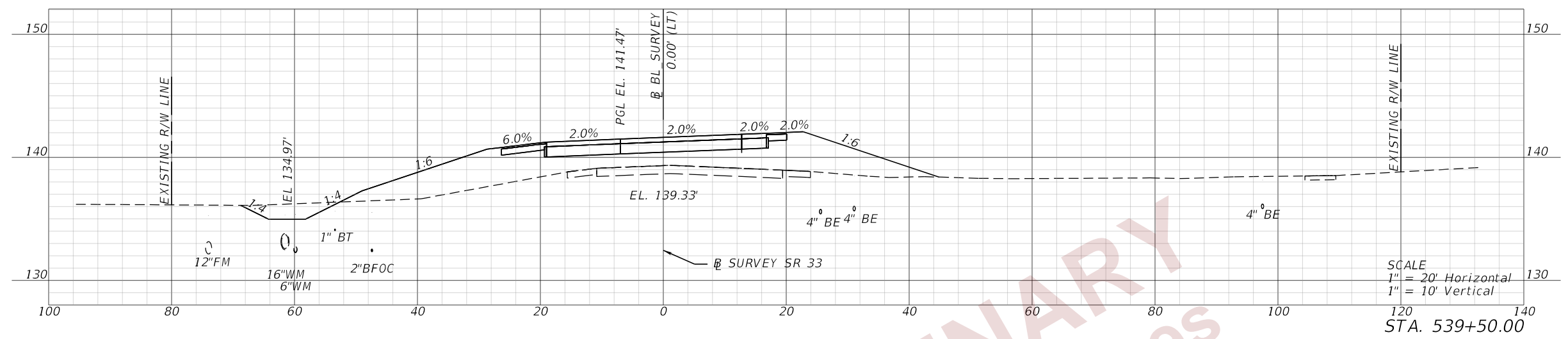


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 33	POLK	430185-7-52-01	

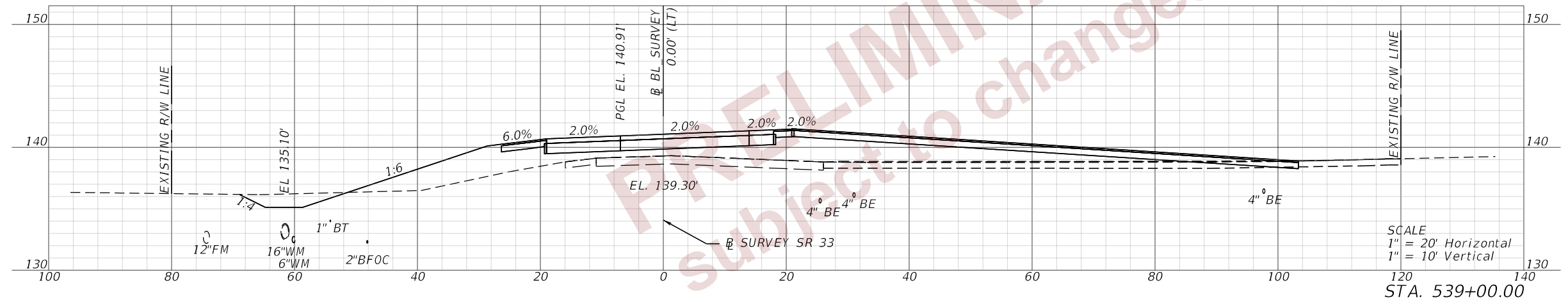
CROSS SECTIONS (4)

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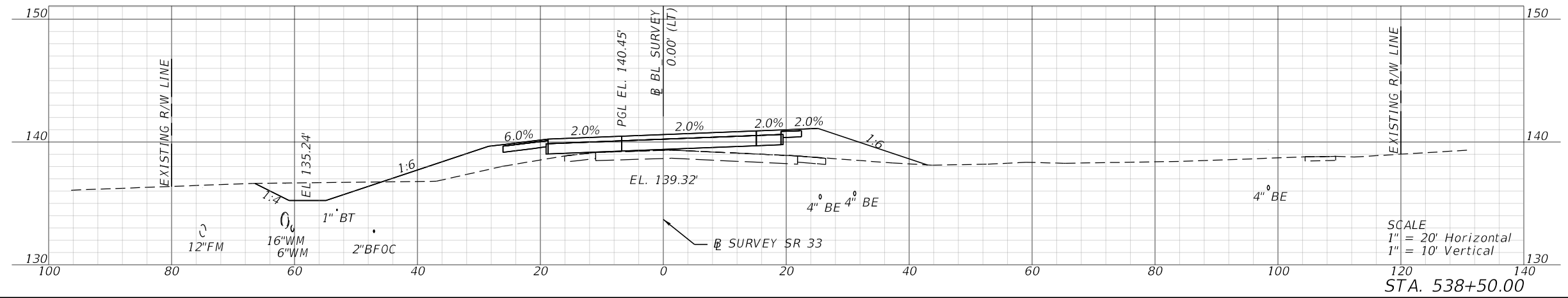
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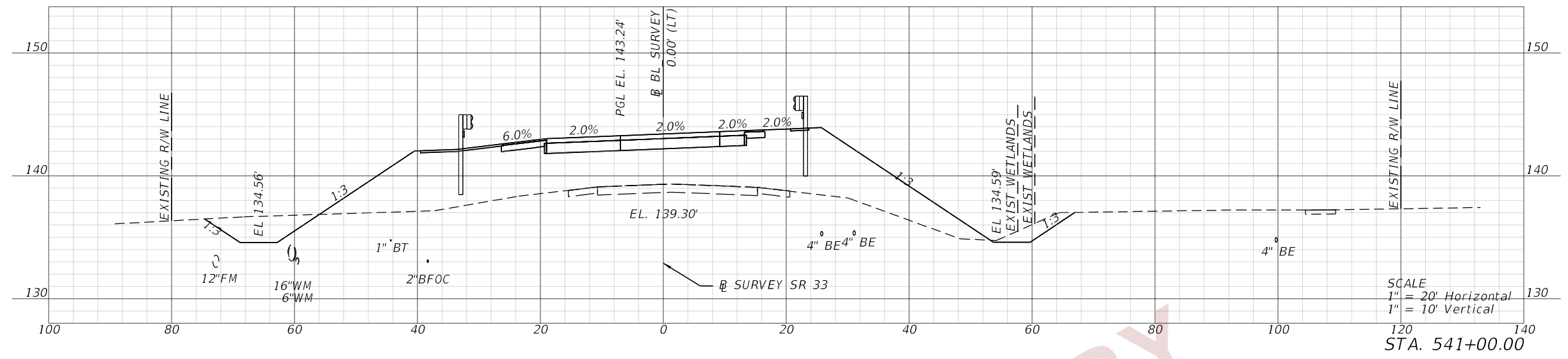


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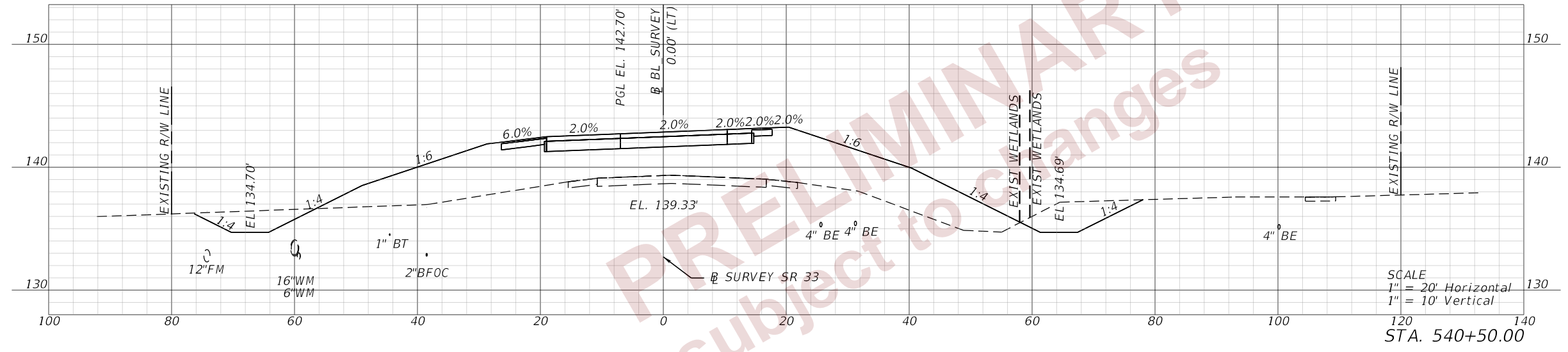
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-7-52-01	CROSS SECTIONS (5)			
										33

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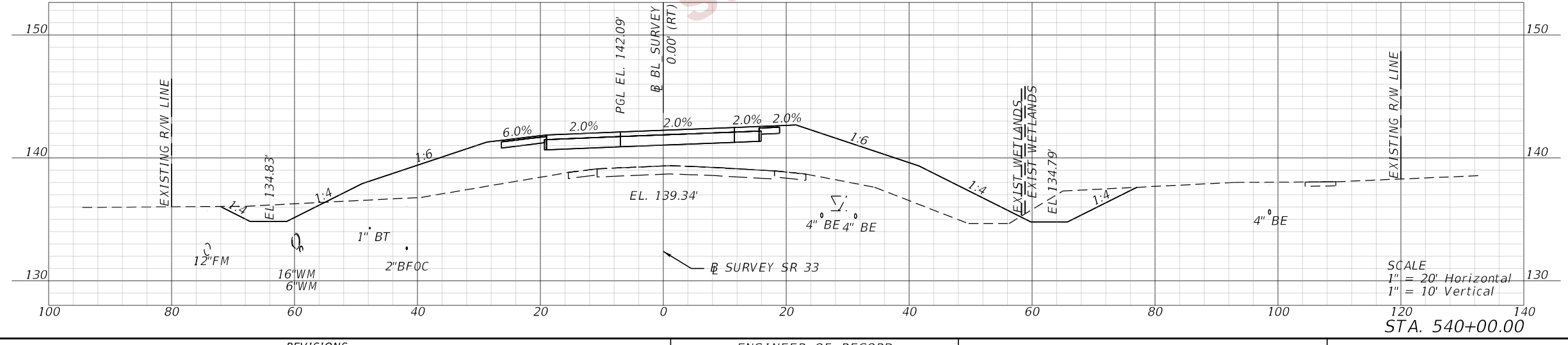
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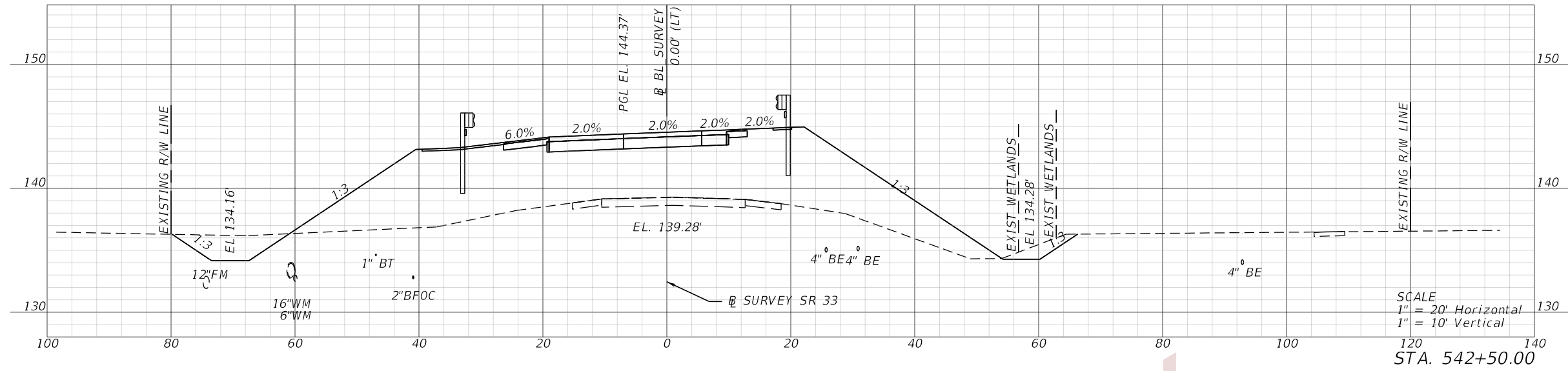
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			SR 33	POLK	430185-7-52-01	

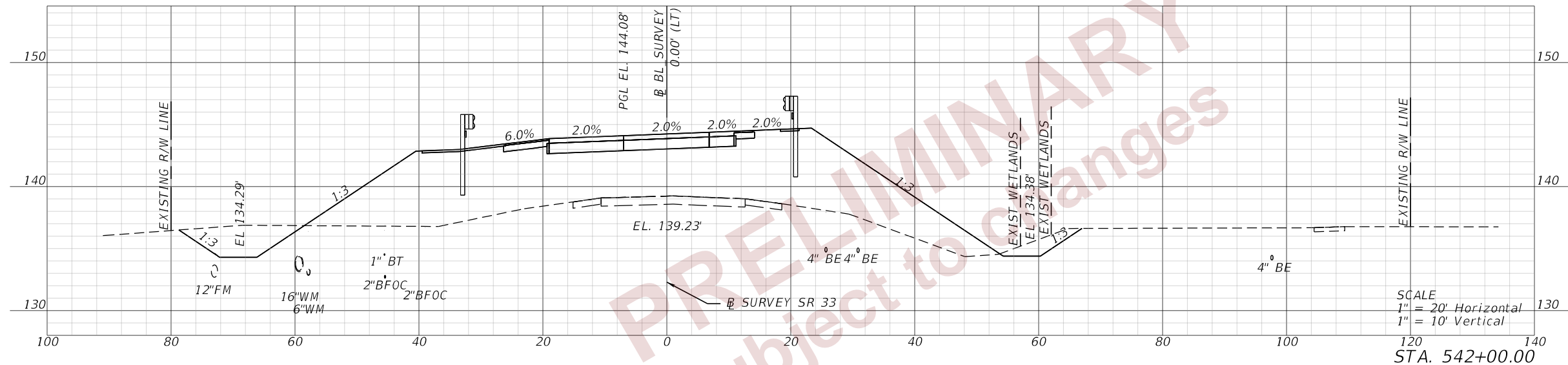
CROSS SECTIONS (6)

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

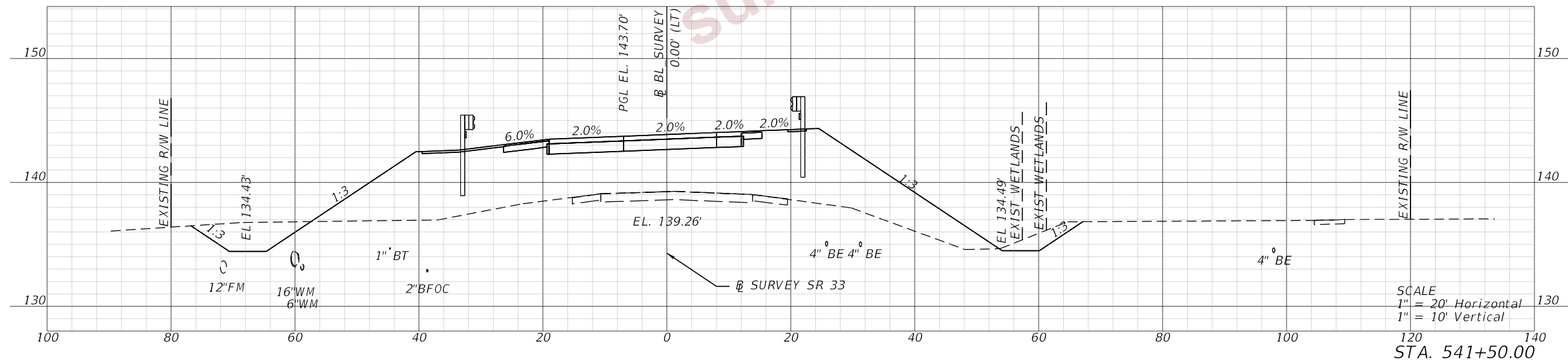
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 STA. 542+50.00



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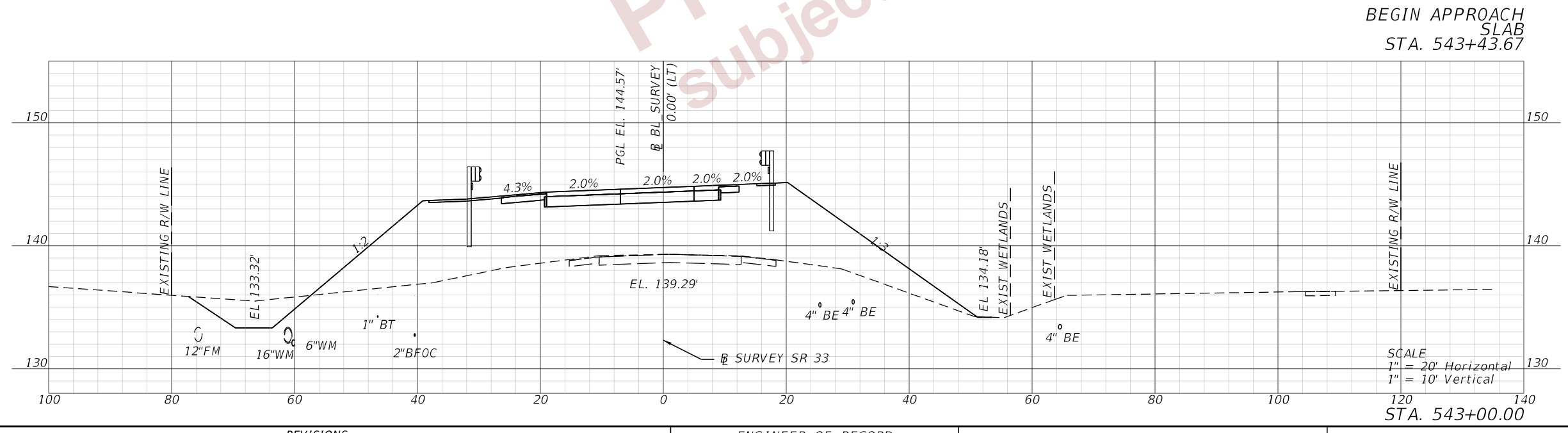
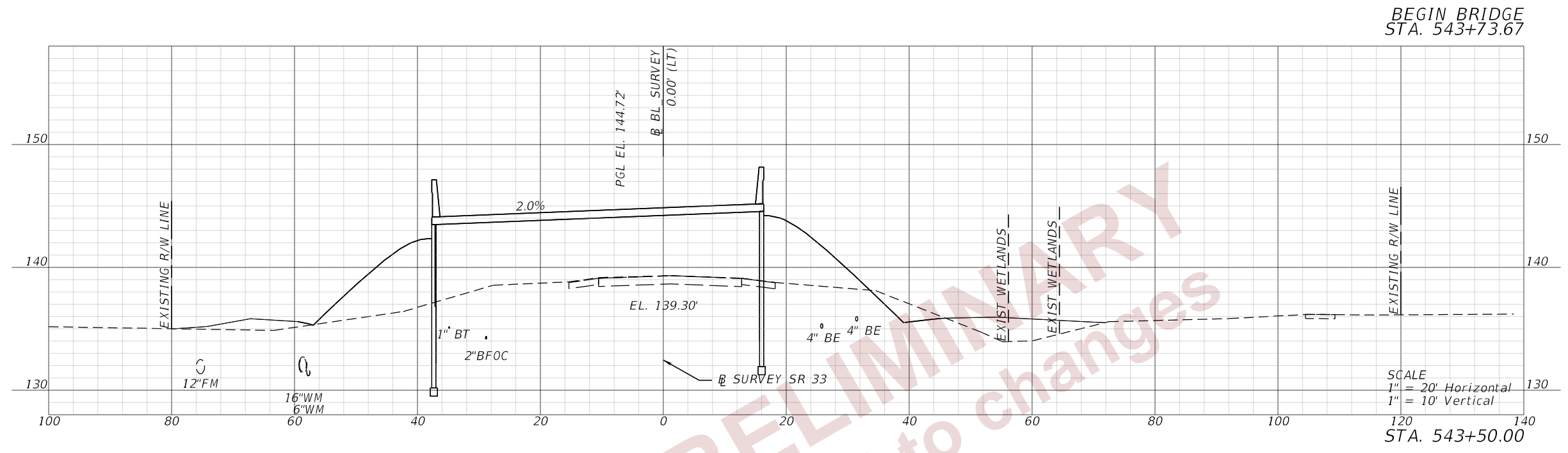


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 STA. 541+50.00

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 35
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	430185-7-52-01	
							CROSS SECTIONS (7)			

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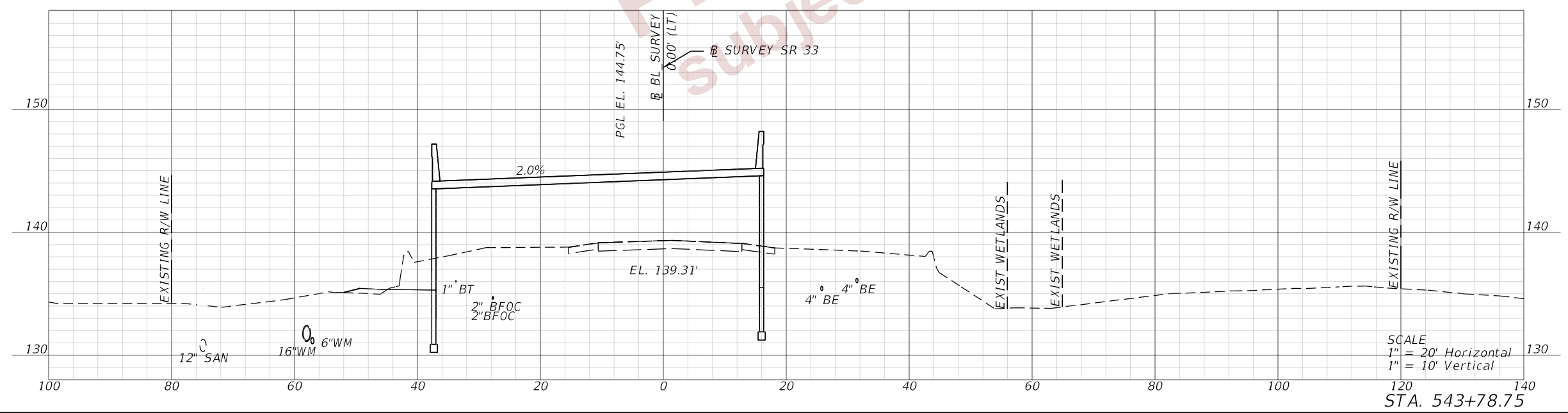


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 subject to changes

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (8)	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	430185-7-52-01		

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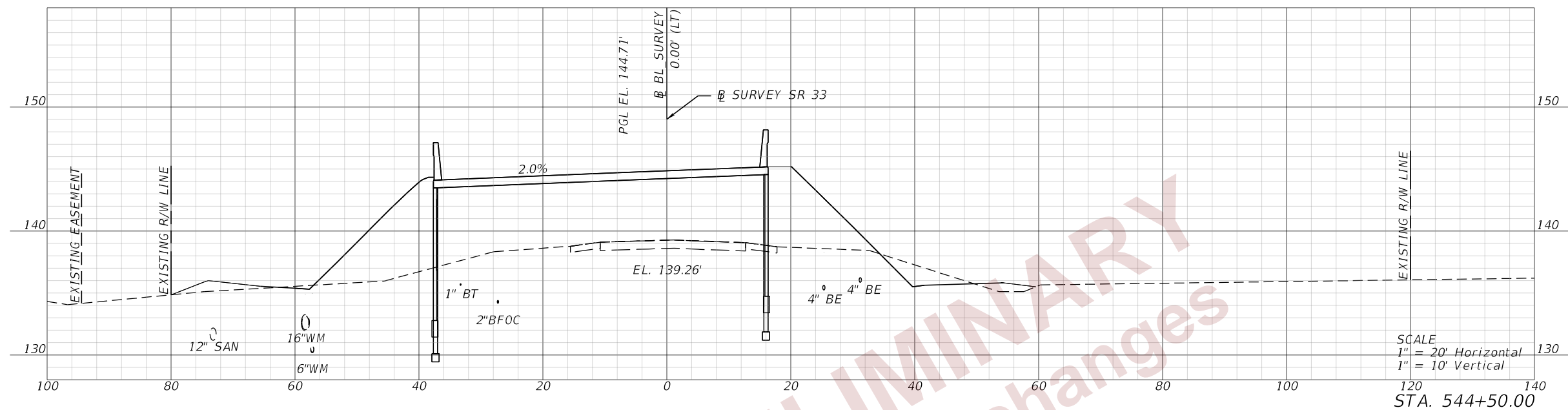
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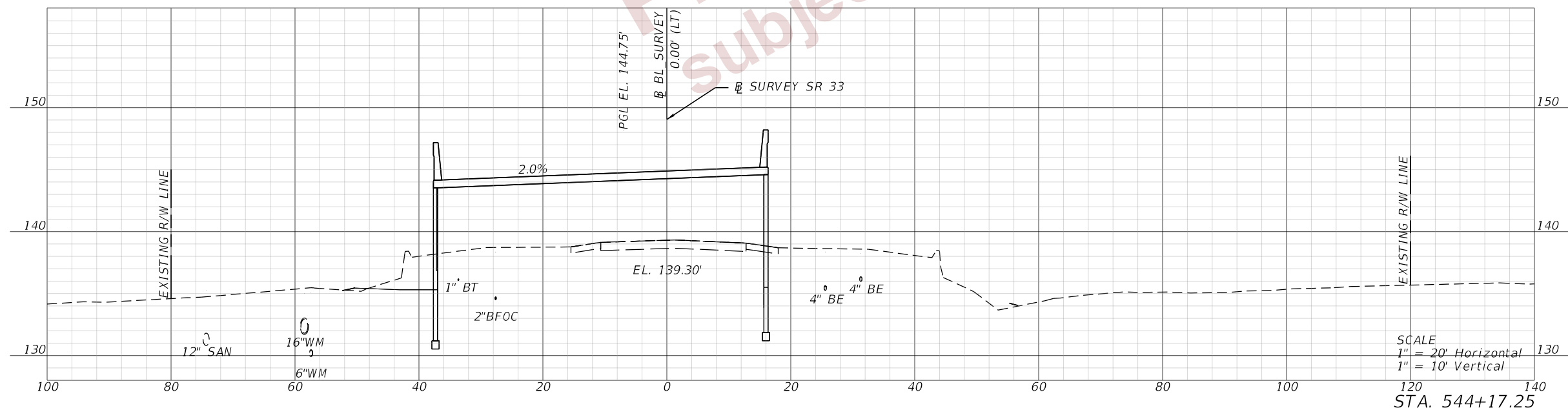
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		<div style="font-size: 24px; font-weight: bold;">37</div>
							SR 33	POLK	430185-7-52-01		

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SLAB
STA. 544+52.33



END BRIDGE
STA. 544+22.33



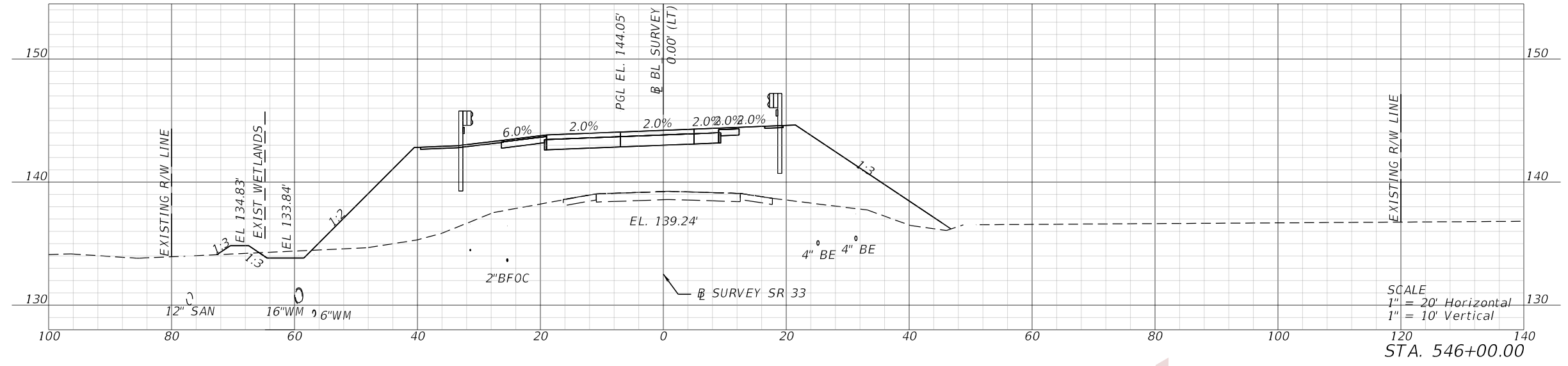
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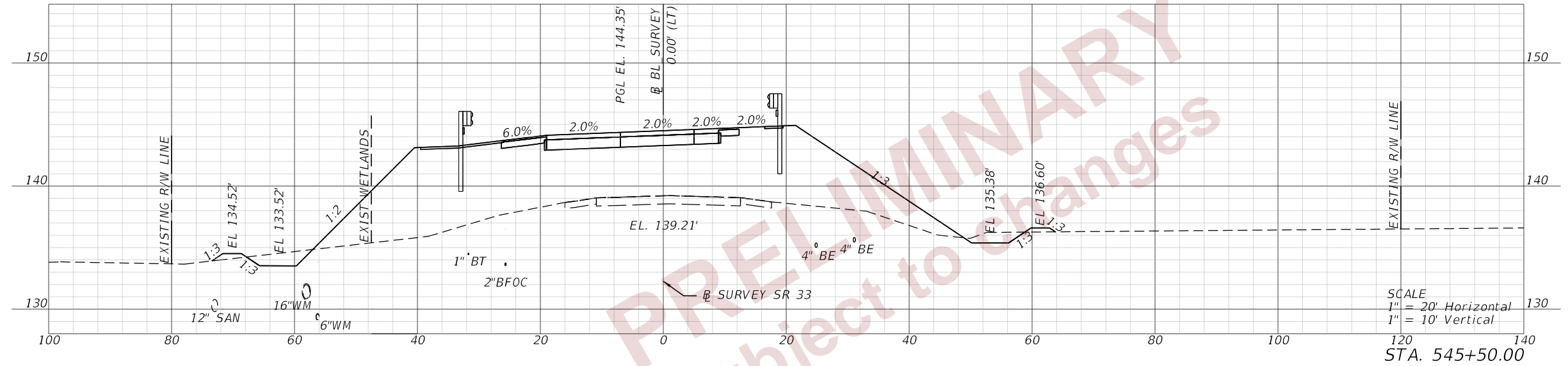
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-7-52-01	CROSS SECTIONS (10)			

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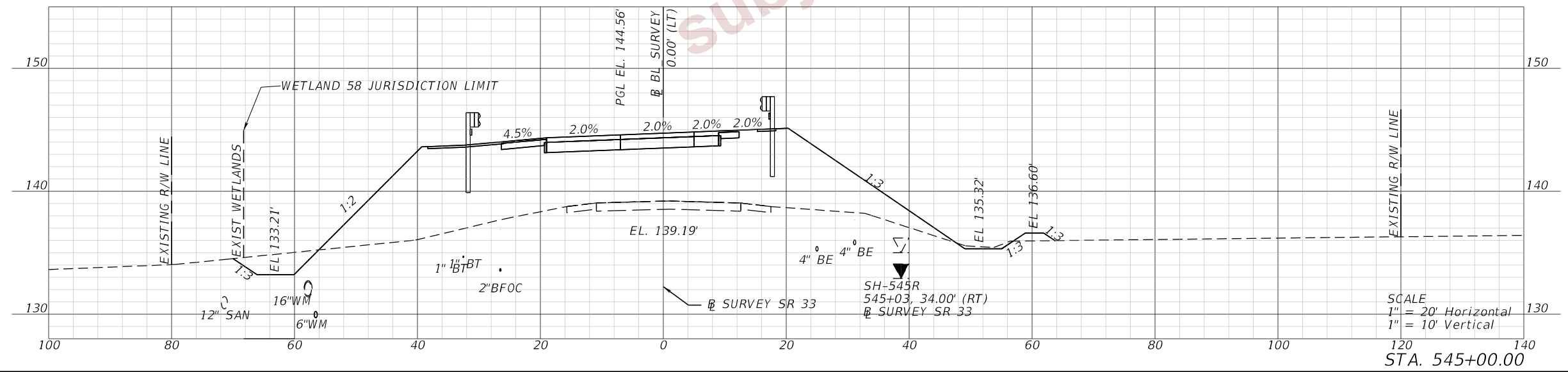
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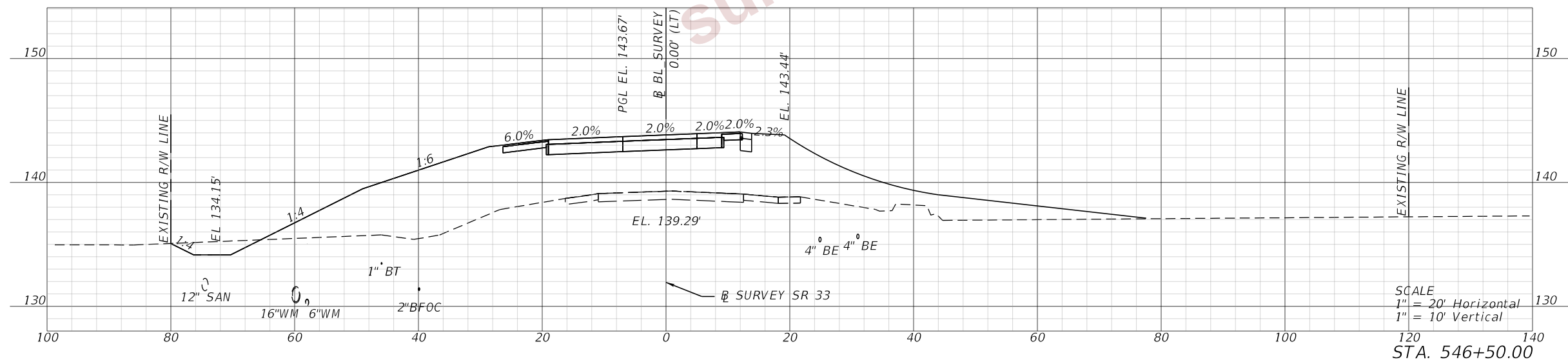
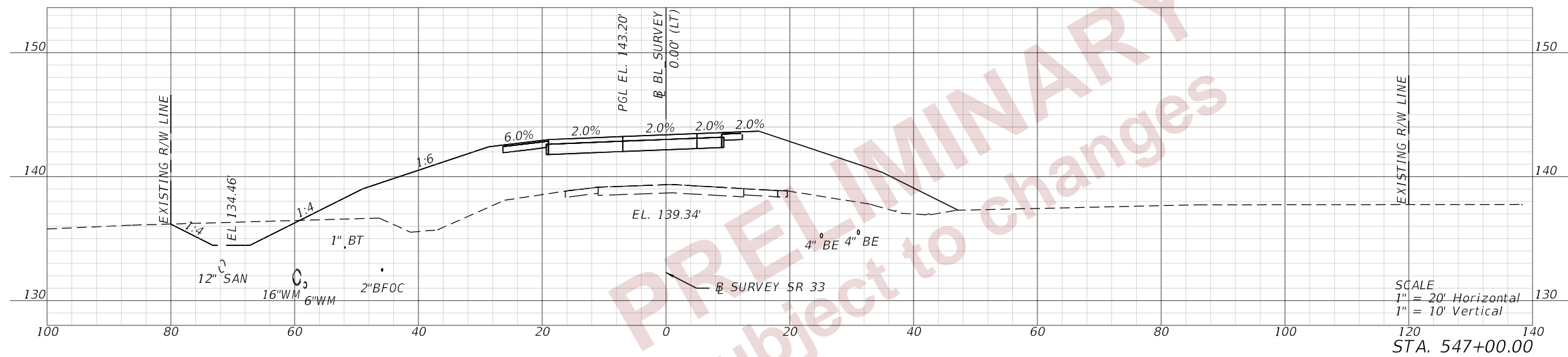
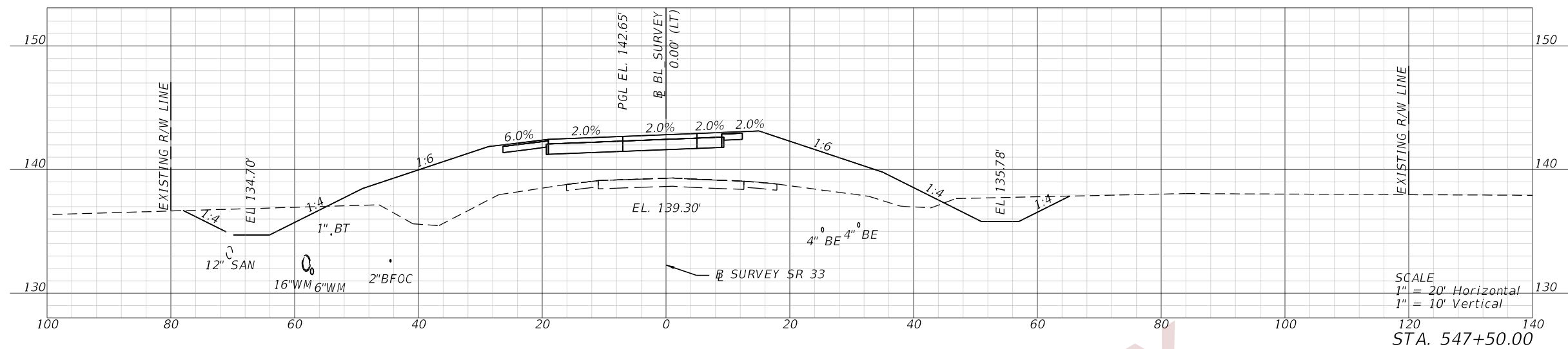
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 33	

CROSS SECTIONS (11)

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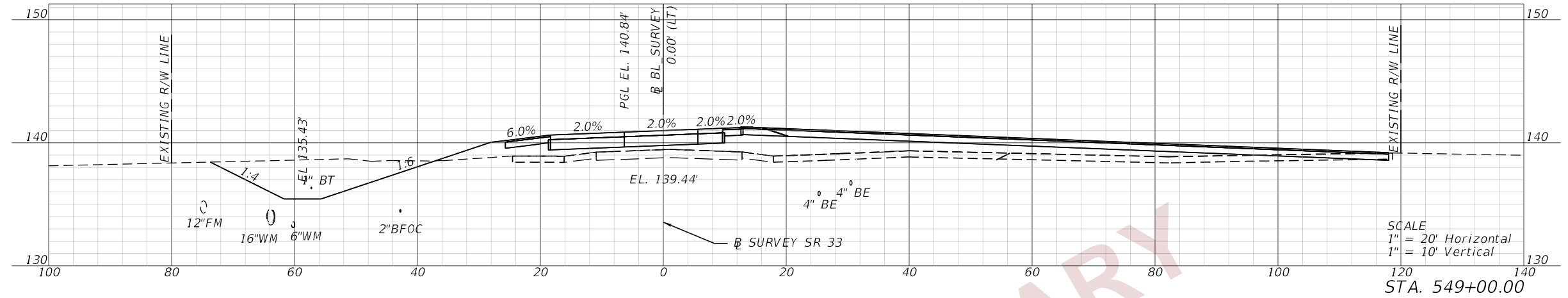


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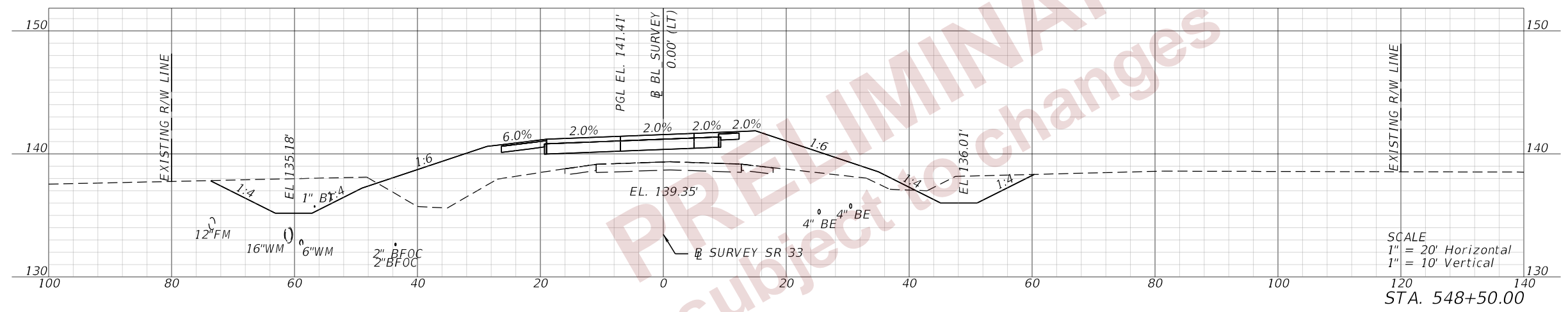
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS (12)	SHEET NO. 40
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 33	POLK	430185-7-52-01		

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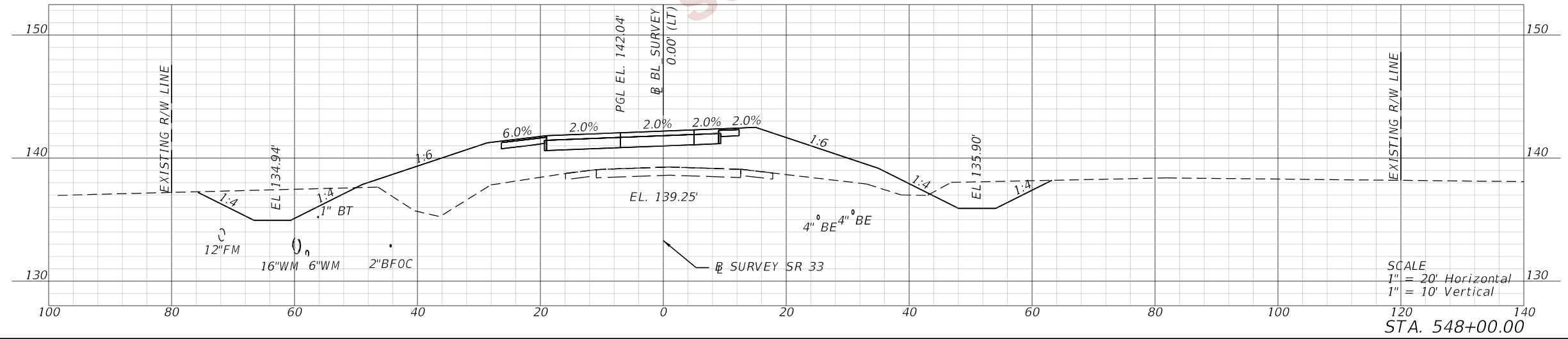
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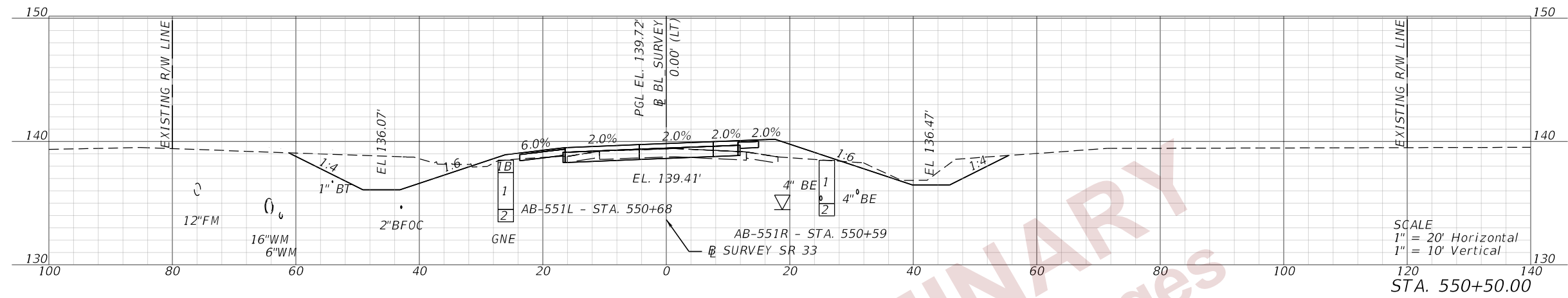


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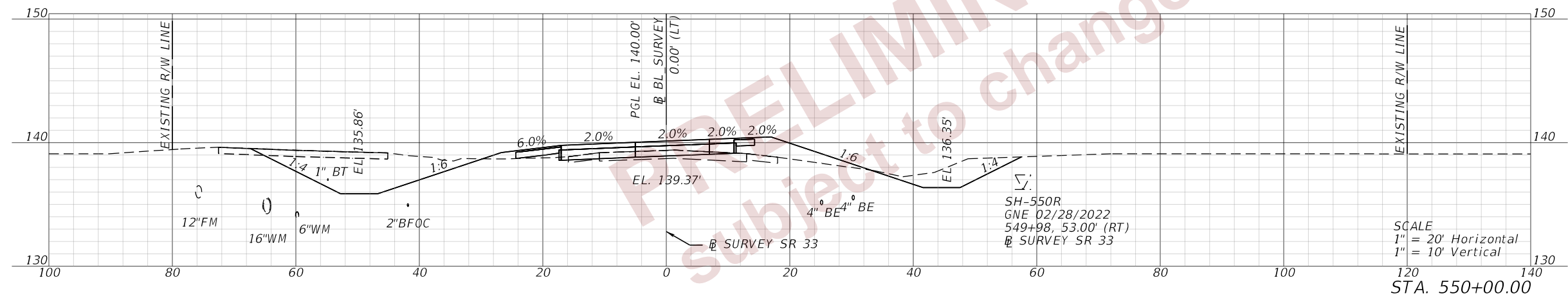
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-7-52-01	CROSS SECTIONS (13)			
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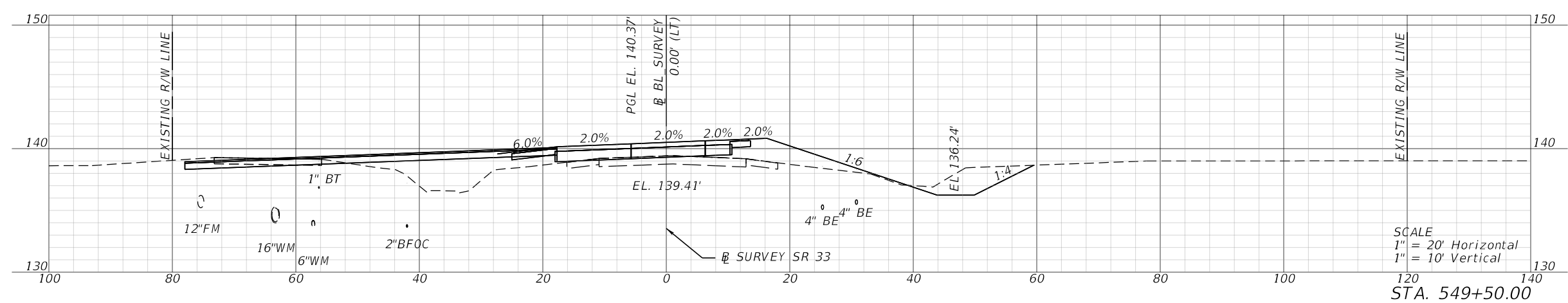
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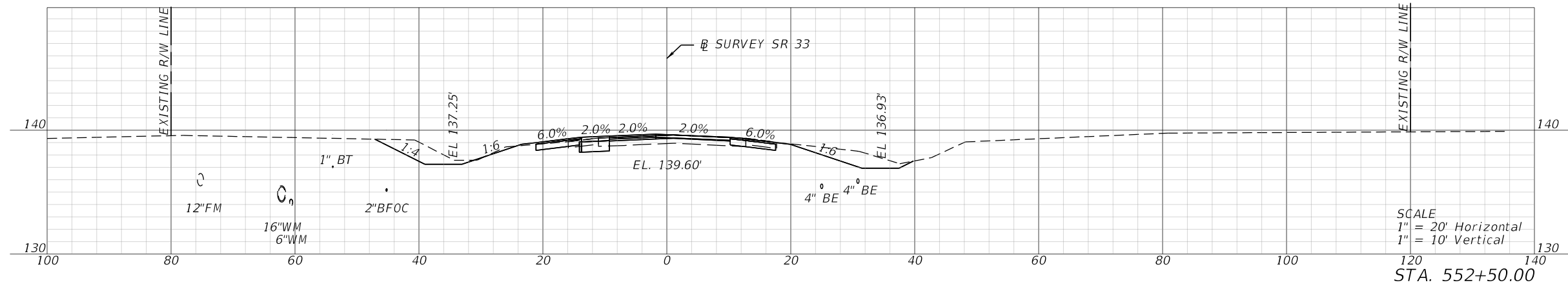


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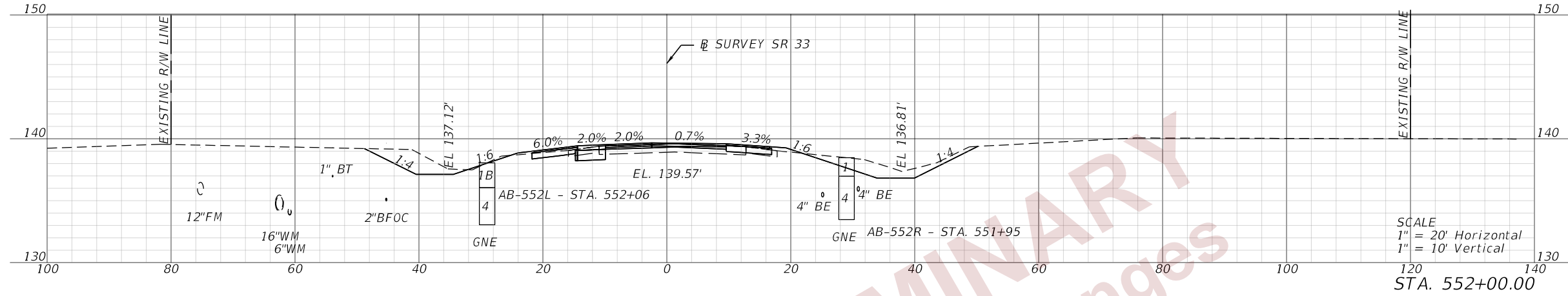
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-7-52-01	CROSS SECTIONS (14)			
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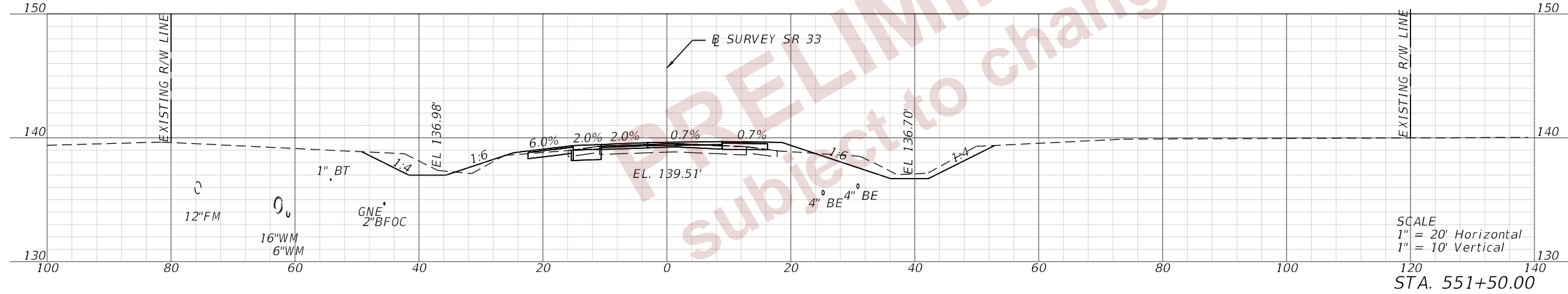
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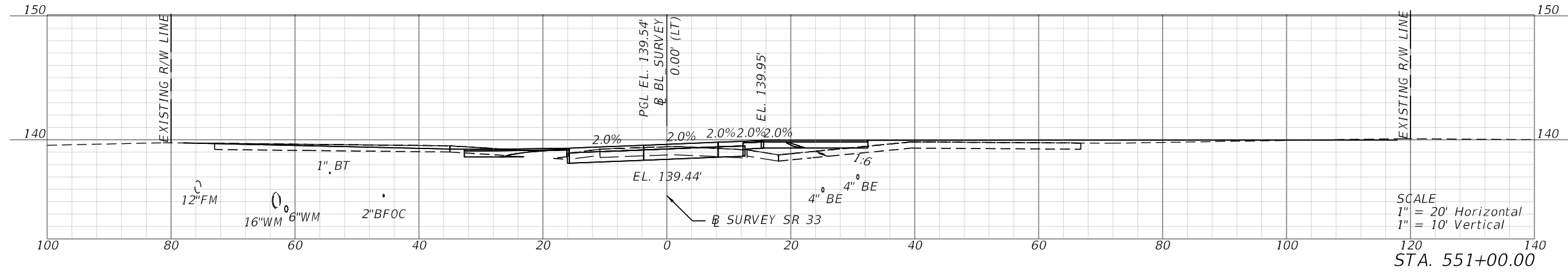
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 STA. 552+50.00



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 STA. 552+00.00



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 STA. 551+50.00

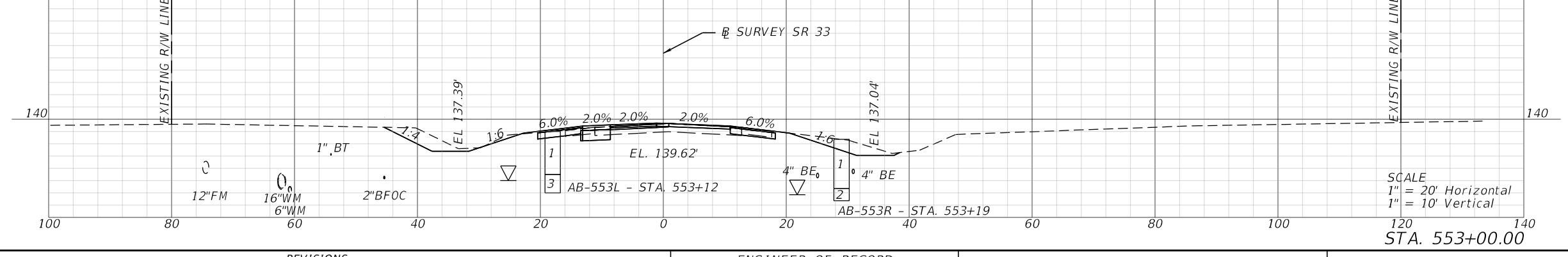
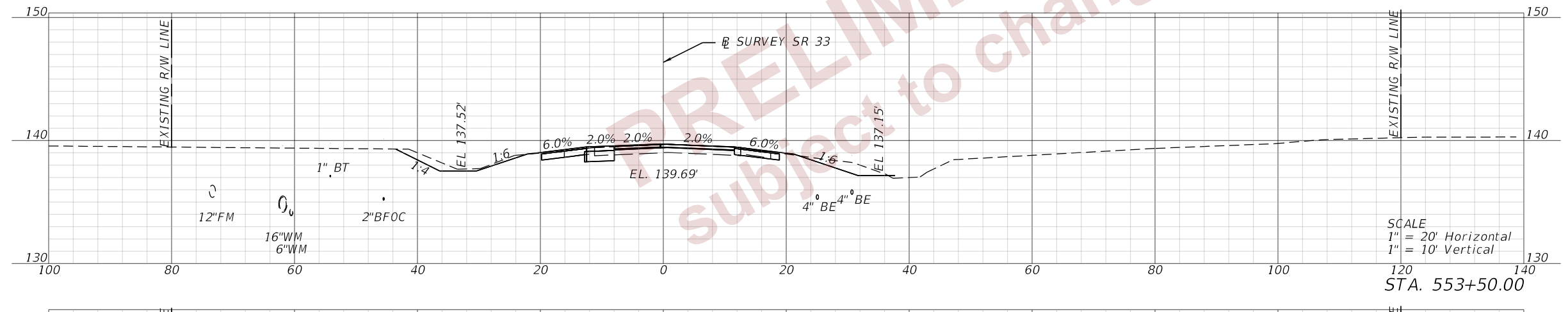
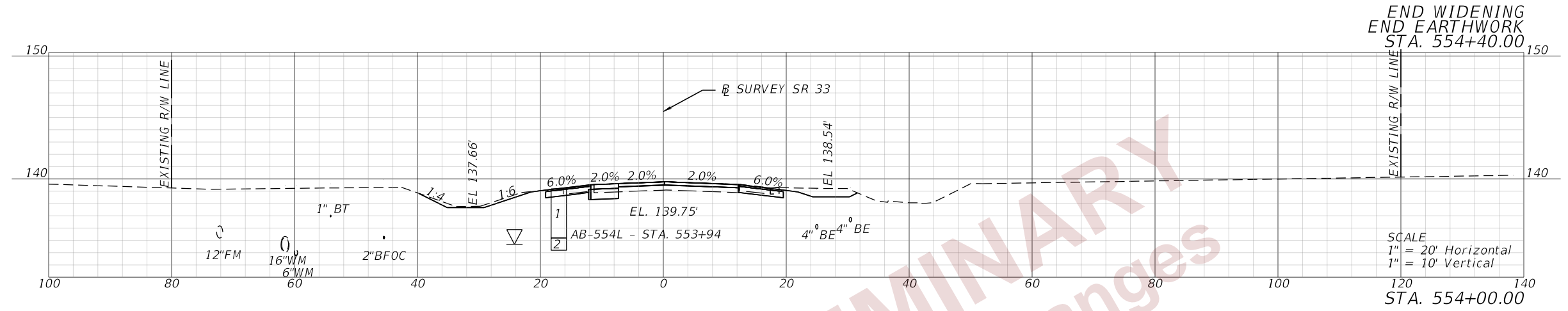
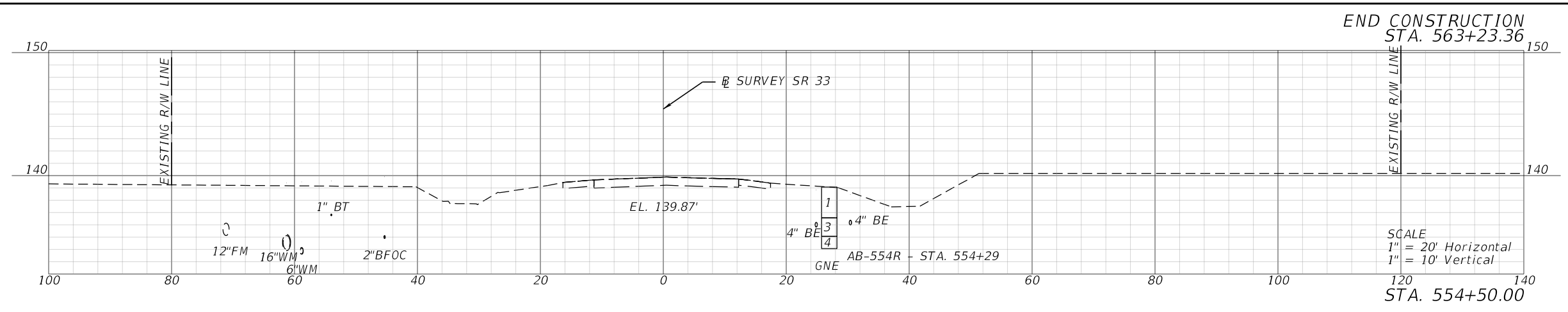


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION	DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 33	POLK	430185-7-52-01	CROSS SECTIONS (15)			

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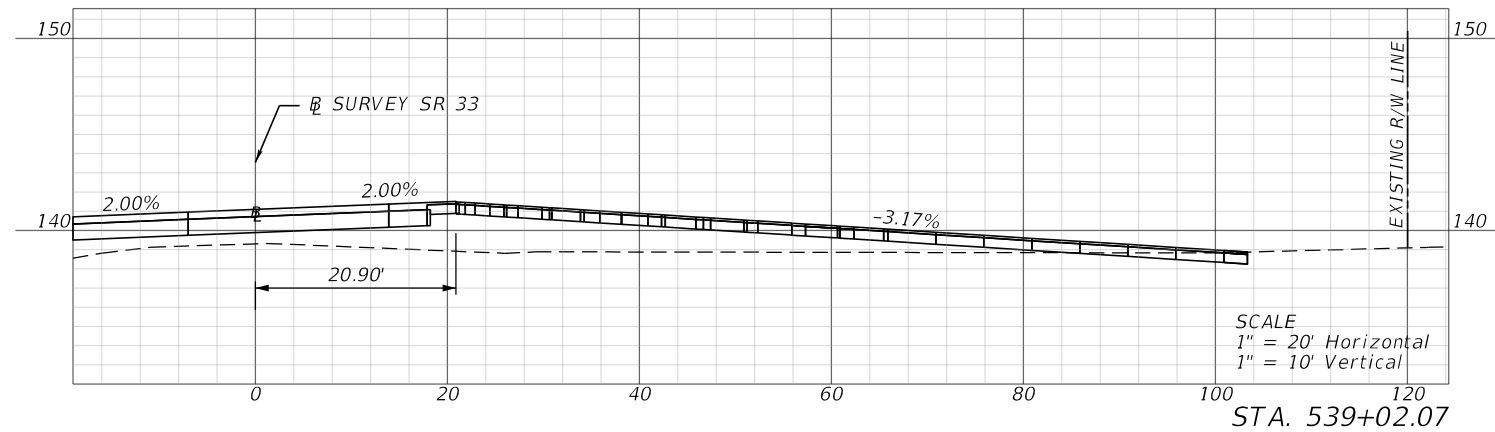
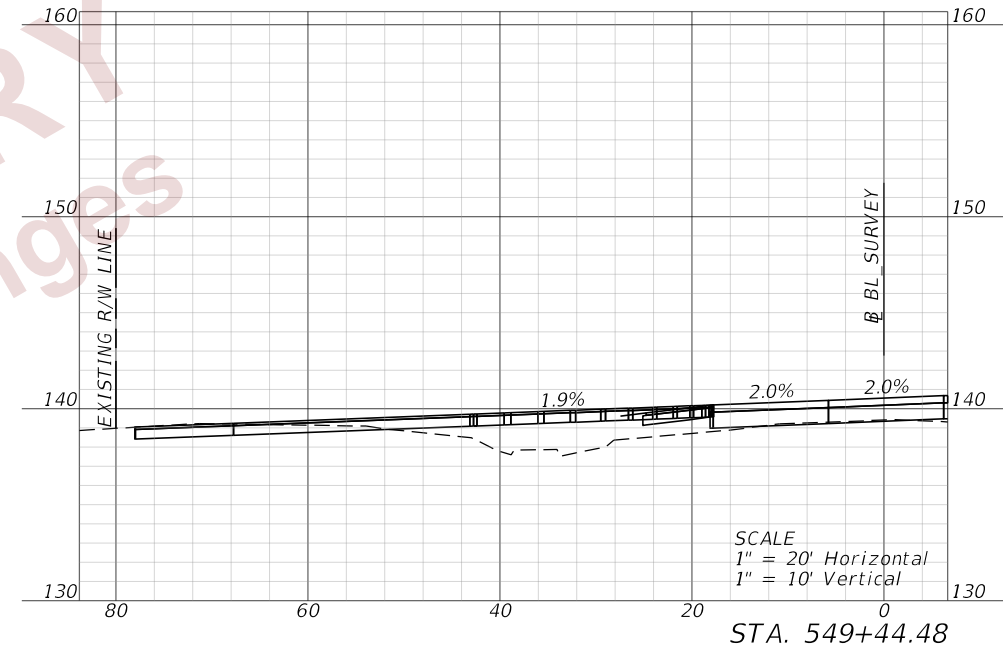
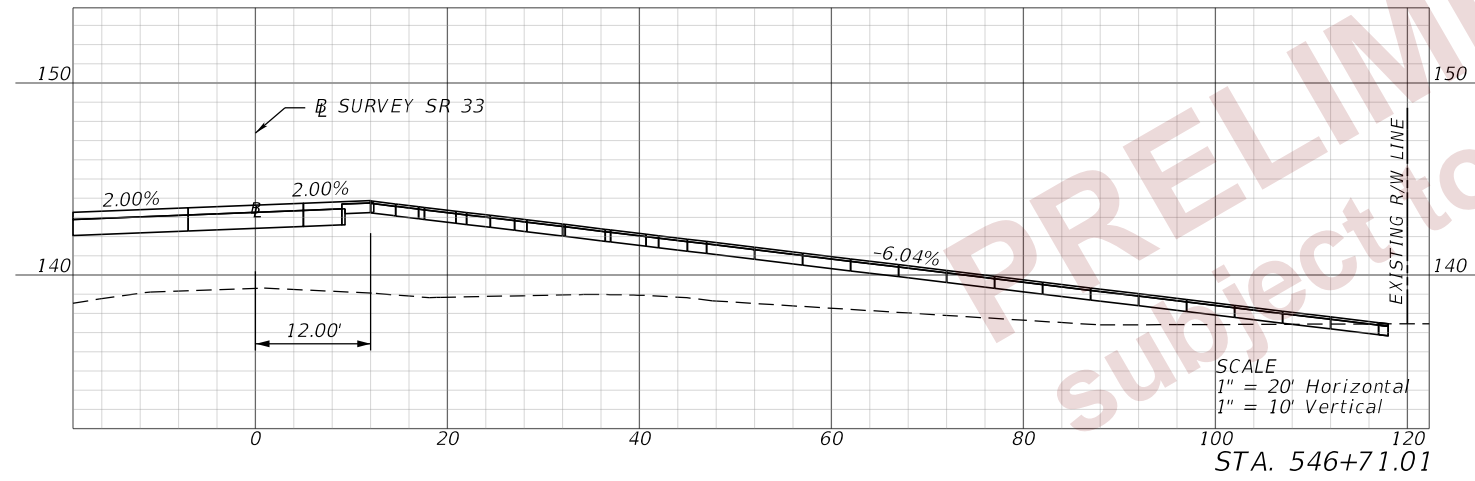
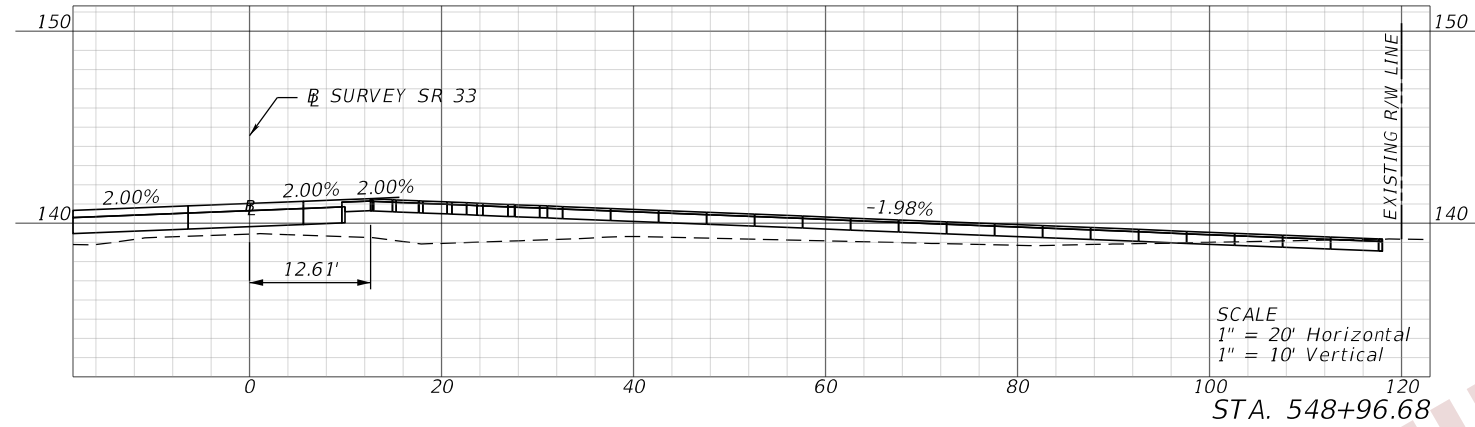
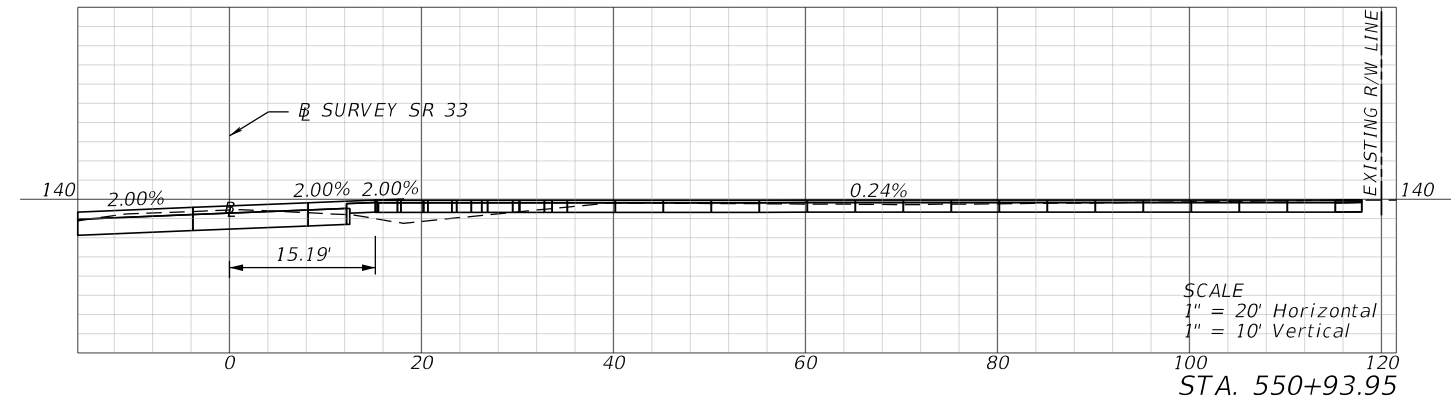
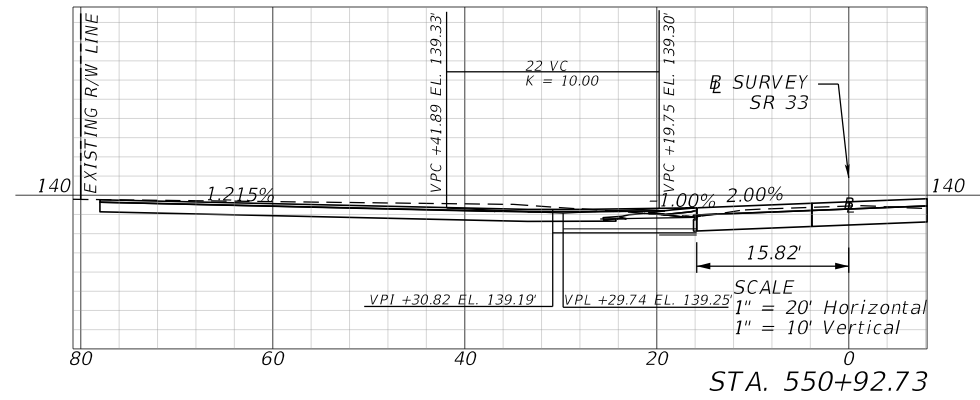
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				DEBANANDA PANIGRAHI, P.E. LICENSE NUMBER 68318 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-7-52-01	

CROSS SECTIONS (16)



BL SURVEY - 549+44.48

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRIVEWAY HALF SECTIONS	SHEET NO. 45
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	430185-7-52-01		

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

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS PROVIDED TO ASSIST THE CONTRACTOR IN DEVELOPING THE REQUIRED SITE SPECIFIC EROSION CONTROL PLAN AND OTHER ITEMS NECESSARY TO OBTAIN COVERAGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERIC PERMIT (CGP). REFER TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL FOR ADDITIONAL REQUIREMENTS.

1.0 SITE DESCRIPTION:

(1.A.) NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS THE CONSTRUCTION OF A WILDLIFE UNDERPASS UNDER SR 33 IN POLK COUNTY. THIS INVOLVES REPLACING THE EXISTING BOX CULVERT UNDER SR 33 WITH A 3-SIDED CULVERT, CONSTRUCTING BRIDGE ABUTMENTS AND SUPERSTRUCTURE, GUARDRAIL, AND DRIVEWAYS, REGRADING SLOPES AND DITCHES, REPLACING SIDE DRAINS, AND MILLING AND RESURFACING SR 33. THE PROJECT EXTENDS A DISTANCE OF 0.28 MILES.

(1.B.) INTENDED SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE CONTRACTOR'S SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN, PREPARE A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT. FOR ADDITIONAL INFORMATION, REFER TO SECTION 4.7 OF THE NPDES CGP.

LIST OF INTENDED ACTIVITIES:

(1.B.1.) FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS PRIOR TO CLEARING AND GRUBBING OR ANY OTHER CONSTRUCTION ACTIVITIES. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(1.B.2.) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CHANGES OR WEATHER EVENTS.

(1.B.3.) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION.

(1.B.4.) 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.

(1.C.) PROJECT AREA ESTIMATES:

TOTAL SITE AREA: 11.70 ACRES.
TOTAL AREA TO BE DISTURBED: 11.70 ACRES.

(1.D.) RUNOFF DATA:

RUNOFF COEFFICIENTS BEFORE C_w (B), DURING C_w (D) AND AFTER C_w (A) CONSTRUCTION.

RUNOFF COEFFICIENTS FOR:
GRASSED SHOULDERS ADJACENT TO ROADWAY: C=0.35
IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C=0.95
DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C=0.40

WEIGHTED RUN-OFF COEFFICIENT:
BEFORE: C_w (B) = 0.42 DURING: C_w (D) = 0.50 AFTER: C_w (A) = 0.43

THE RUN-OFF COEFFICIENT C_w (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.

SOIL DATA:

THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE RESULTS OF SOIL BORINGS DONE IN THE PONDS ARE SHOWN ON THE POND DETAIL SHEETS. THE SHEET NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE:

SOIL TYPE	HYDROLOGIC GROUP	DEPTH TO SHWE
6 - EATON MUCKY FINE SAND	D	+2.0' - 0.0'
7 - POMONA FINE SAND	B/D	0.0' - 1.0'
14 - SPARR SAND	C	1.5' - 3.5'

REFERENCE: USDA SOIL SURVEY OF POLK COUNTY FLORIDA

OUTFALL INFORMATION:

THERE ARE 1 OUTFALLS.

THE OUTFALLS DISCHARGE INTO THE FOLLOWING BASINS:

BASIN	WBID	PARAMETER(S) OF CONCERN FOR 303(d) LISTING NUTRIENTS		
WITHLACOOCHEE	1449B			

OUTFALL LOCATIONS: (TEMPORARY AND PERMANENT)				
DESCRIPTION	DRAINAGE AREA	LATITUDE	LONGITUDE	RECEIVING WATERBODY
(a) WETLAND	100 AC	N 28 09' 08"	W 81 52' 23"	QUAIL CREEK

THIS FACILITY DOES DISCHARGE TO WATERS LISTED ON THE ADOPTED FDEP VERIFIED LIST OR ADOPTED TMDL FOR IMPAIRMENT DUE TO TOTAL SUSPENDED SOLID, TURBIDITY, NUTRIENTS, DISSOLVED OXYGEN, OR FECAL COLIFORM.

WETLAND AND/OR SURFACE WATER IMPACTS SHALL BE LIMITED TO THE AREAS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

(1.E.) SITE MAP:

THE SITE MAP SHALL BE COMPRISED OF THE CONSTRUCTION PLANS AND THE CONTRACTOR'S SITE-SPECIFIC EROSION AND SEDIMENT CONTROL PLAN.

(1.F.) STORMWATER MANAGEMENT (EXISTING/PROPOSED)

(1.F.1.) EXISTING DRAINAGE FLOWS ARE TYPICALLY FROM SOUTH TO NORTH TOWARD THE WITHLACOOCHEE RIVER. THE CROSS SECTION SHEETS AND PLAN-PROFILE SHEETS PROVIDE THE APPROXIMATE SLOPE, AREAS OF SOIL DISTURBANCE AND AREAS TO BE STABILIZED. UNLESS OTHERWISE APPROVED BY THE PERMITS, THE CONSTRUCTION ACTIVITIES SHALL NOT MODIFY OR AFFECT THE EXISTING OFFSITE FLOW PATTERNS.

(1.F.2.) 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 PROTECTED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL TO PREVENT DOWNSTREAM SEDIMENTATION.

PRELIMINARY
subject to changes

REVISIONS			ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLANS (01)	SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-7-52-01		

2. CONTROLS:

(2.A.) SEDIMENT AND EROSION CONTROLS

(2.A.1.) PER SECTION 5.4 OF THE NPDES CGP, 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.

(2.A.2) SEDIMENT BARRIERS SHALL BE USED AROUND THE PERIMETER OF STOCKPILE AREAS.

(2.A.3.) STRUCTURAL PRACTICES

IN THE CONTRACTOR'S SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN, DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES MAY INCLUDE THE FOLLOWING, AS APPROVED BY THE ENGINEER:

TEMPORARY DEVICES:

- * SILT FENCE
- * STAKED TURBIDITY BARRIERS
- * SOIL TRACKING PREVENTION DEVICES AT CONSTRUCTION ENTRANCES/EXITS
- * FLOATING TURBIDITY BARRIERS
- * INLET PROTECTION SYSTEMS INCLUDING SYNTHETIC BALES AND SANDBAGS
- * SEDIMENT BASIN/CONTAINMENT SYSTEMS
- * CHEMICAL TREATMENTS SUCH AS POLYACRYLAMIDES AND ALUM

PERMANENT:

- * STORMWATER PONDS
- * SOD (MAY ALSO BE USED FOR TEMPORARY CONTROLS)
- * VELOCITY DISSIPATION DEVICES SUCH AS RIPRAP OR OTHERS

(2.B.) WATER QUALITY MONITORING

(2.B.1.) 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 ENGINEER.

(2.B.2.) THE ENGINEER WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (NO GREATER THAN 29 NEPHELOMETRIC TURBIDITY UNITS (NTUs) ABOVE BACKGROUND OR GREATER THAN 0 NTUs ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OUTSTANDING FLORIDA WATERS (OFWs)).

(2.B.3.) 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 NTUs ABOVE BACKGROUND OR LESS THAN 0 NTUs ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFWs).

(2.B.4.) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.

(2.C.) DEWATERING CONTROLS

THE SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE A DESCRIPTION OF THE BMPs THAT WILL BE USED TO ENSURE THAT DISCHARGES OF NONCONTAMINATED GROUND WATER FROM DEWATERING OPERATIONS DO NOT CAUSE OR CONTRIBUTE TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

(2.D.) OTHER CONTROLS

(2.D.1.) THE SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN SHALL IDENTIFY CHEMICAL AND FUEL STORAGE AREAS, MEANS OF MINIMIZING EXPOSURE TO STORMWATER, AND SPILL PREVENTION.

(2.D.2.) OFFSITE VEHICLE TRACKING & GENERATION OF DUST
IN THE SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN, DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

(2.D.2.a.) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPAULIN.

(2.D.2.b.) REMOVING EXCESS DIRT FROM ROADS DAILY.

(2.D.2.c.) USING WATER TRUCKS DURING DUST-GENERATING ACTIVITIES.

(2.D.2.d.) SEDIMENT CONTROL MAY BE ACCOMPLISHED BY USING STREET OR VACUUM SWEEPERS.

PRELIMINARY
Subject to changes

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLANS (02)	SHEET NO. 47
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-7-52-01		

3. MAINTENANCE

MAINTAIN AND REPAIR ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED. REMOVE AND PROPERLY DISPOSE OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES.

- (3.A.) IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.
- (3.B.) SEDIMENT BARRIERS SHALL BE REPLACED WHEN IT IS NO LONGER EFFECTIVE OR AS DIRECTED BY THE ENGINEER.
- (3.C.) STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.
- (3.D.) REMOVE SEDIMENT FROM SEDIMENT BASINS WHEN IT BECOMES MORE THAN HALF THE AVAILABLE VOLUME.

4. INSPECTION, TRACKING, AND REPORTING

INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD RAINFALL.

- (4.A.) SUBMIT A WEEKLY REPORT TO THE DEPARTMENT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE EROSION AND SEDIMENT CONTROL DEVICES. MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- (4.B.) 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.
- (4.C.) USE THE SWPPP CONSTRUCTION INSPECTION REPORT FORM # 650-040-03, FOR DAILY INSPECTIONS.


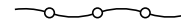
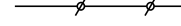


5. NON-STORMWATER DISCHARGES

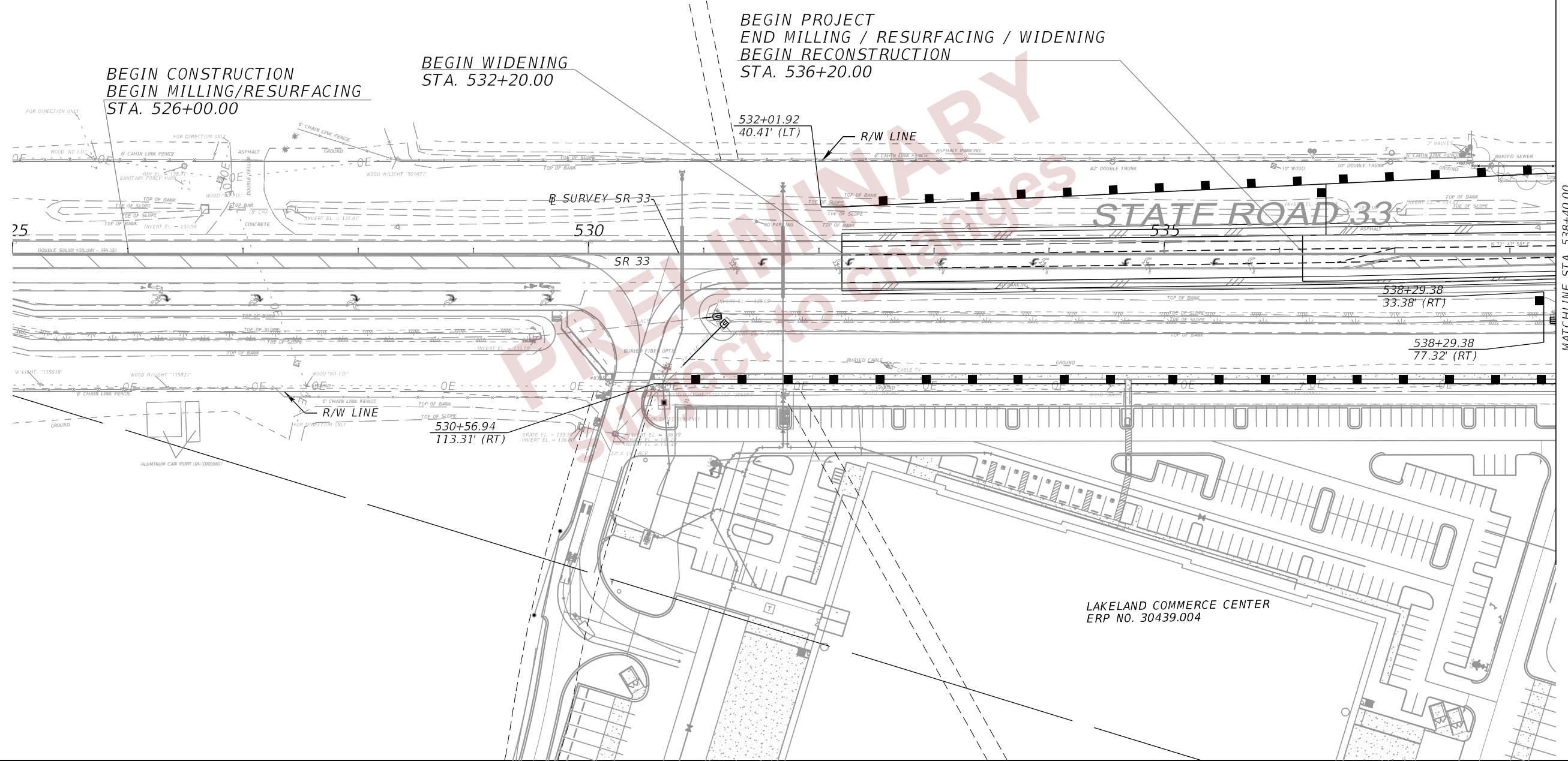
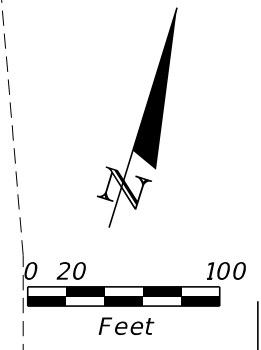
THE SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES AND DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION. THE PLAN SHALL INCLUDE PROCEDURES FOR SPILL CONTAINMENT, REPORTING AND RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND 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 THE DISTRICT CONTAMINATION IMPACT COORDINATOR AT 863-519-2300 AND THE ENGINEER. IF A RELEASE CONTAINING HAZARDOUS SUBSTANCES OCCURS, CONTACT THE FLORIDA STATE WATCH OFFICE AT 800-320-0519 OR 850-413-9911 PER SECTION 9.2 OF THE CGP.

PRELIMINARY
 subject to changes

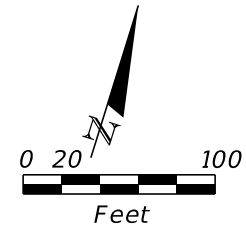
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLANS (03)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		48		
				THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607		SR 33	POLK	430185-7-52-01		

LEGEND:

-  SEDIMENT BARRIER
-  FLOATING TURBIDITY BARRIER
-  STAKED TURBIDITY BARRIER
-  INLET PROTECTION
-  WETLAND



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607	SR 33	POLK	430185-7-52-01	EROSION CONTROL PLANS (01) 49



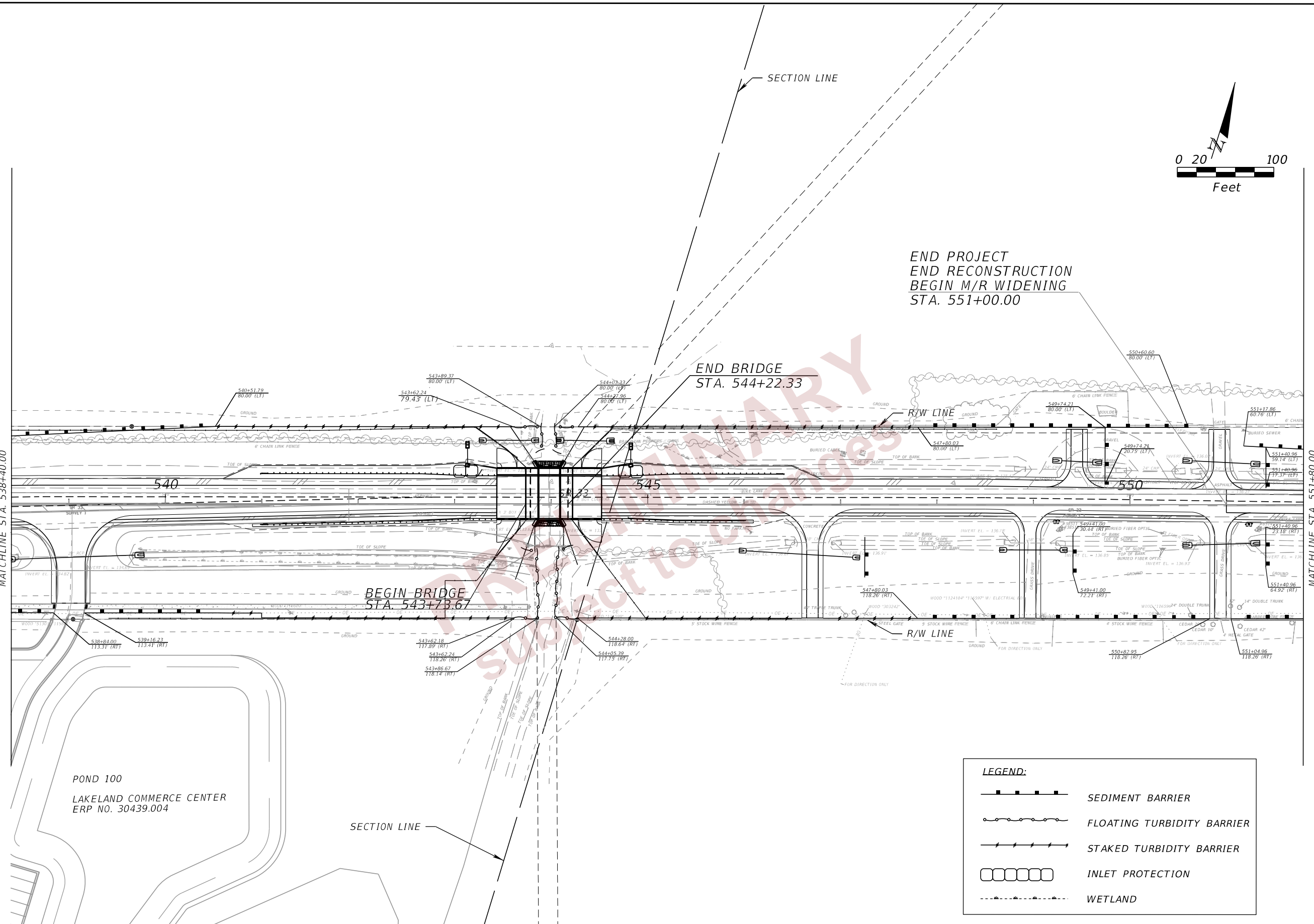
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 END RECONSTRUCTION
 BEGIN M/R WIDENING
 STA. 551+00.00

END BRIDGE
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BEGIN BRIDGE
 STA. 543+73.67

MATCHLINE STA. 538+40.00

MATCHLINE STA. 551+80.00



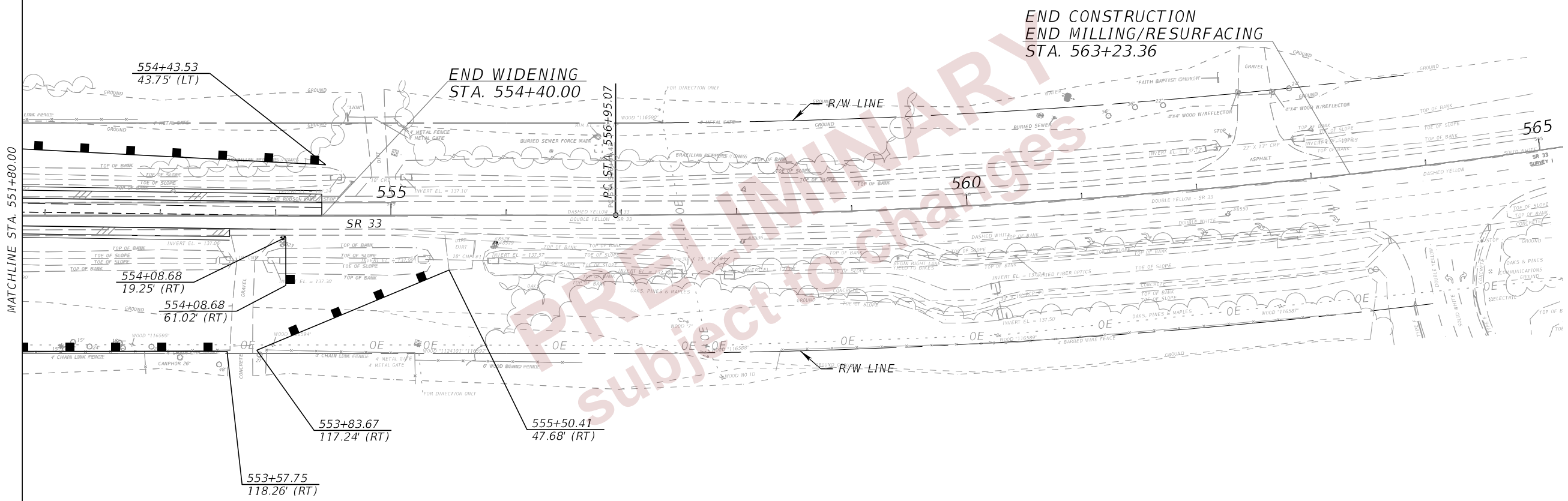
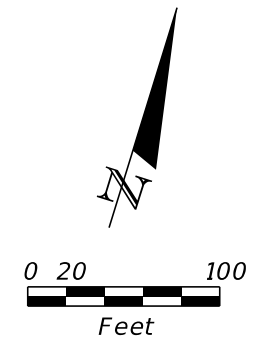
POND 100
 LAKELAND COMMERCE CENTER
 ERP NO. 30439.004

LEGEND:

	SEDIMENT BARRIER
	FLOATING TURBIDITY BARRIER
	STAKED TURBIDITY BARRIER
	INLET PROTECTION
	WETLAND

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (02)	SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01		

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
	FLOATING TURBIDITY BARRIER
	STAKED TURBIDITY BARRIER
	INLET PROTECTION
	WETLAND

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLANS (03)	SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION	THERESA D. ELLISON, P.E. LICENSE NUMBER 53918 H. W. LOCHNER 4300 W. CYPRESS STREET, SUITE 500 TAMPA, FLORIDA 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01					

1. THE REGULATORY SPEED LIMIT THROUGH THE WORK ZONE ON THIS PROJECT IS TO REMAIN THE SAME AS THE EXISTING POSTED SPEED ON SR 33 UNLESS OTHERWISE SHOWN IN THE PLANS.

THE REGULATORY SPEED LIMITS FOR THE PROJECT WORK ZONE ARE AS FOLLOWS:

ROADWAY	REGULATORY SPEED LIMIT (MPH)
SR 33 (COMMONWEALTH AVE)	55 MPH

2. ALL LANE CLOSURES MUST BE COORDINATED WITH EMERGENCY AND RESCUE AGENCIES AND INFORM THE FDOT TRAFFIC OPERATIONS SECTION AND SUBMIT REQUEST TWO (2) WEEKS IN ADVANCE OF ANY LANE CLOSURES. NOTIFY THE FDOT PUBLIC INFORMATION OFFICER TWO (2) WEEKS IN ADVANCE OF LANE CLOSURES.

NOTIFY LOCAL LAW ENFORCEMENT AGENCIES, FIRE STATIONS, AND EMERGENCY MEDICAL SERVICES OF LANE CLOSURE IN EXCESS OF TWO (2) HOURS DURATION.

3. LANE CLOSURE RESTRICTIONS:
SR 33 (COMMONWEALTH AVE):

SINGLE LANE CLOSURES ARE NOT ALLOWED FROM 6:00 AM TO 9:00 AM OR FROM 4:00 PM TO 7:00 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.

4. 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.

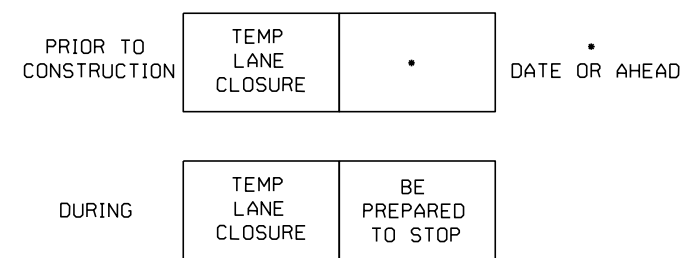
5. NOTIFY ADJACENT PROPERTY OWNERS, 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES WHICH SHALL RESTRICT ACCESS, DELIVERY, ETC., TO PRIVATE OR COMMERCIAL PROPERTIES.

6. SEE PHASE 1 STEP 2 CROSS SECTIONS FOR ALL TEMPORARY PAVEMENT CROSS SLOPES.

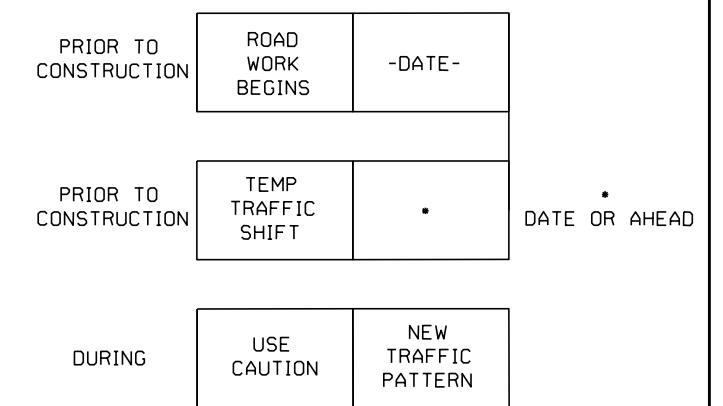
7. EXISTING SR 33 SHALL BE RESTORED AFTER COMPLETION OF THE WILDLIFE CROSSING BRIDGE WITH THE FOLLOWING PROVISIONS:

- EXISTING SHOULDERS SHALL BE RESTORED BY MILLING AND RESURFACING (SEE ROADWAY PLANS FOR LIMITS)
- EXISTING EDGE STRIPING, RPMS, SIGNS AND MARKERS SHALL BE REPLACED PER STANDARD PLANS INDEX 700 SERIES.
- SOD SHALL BE REPLACED PER STANDARD SPECIFICATIONS SECTION 570.
- TEMP. CROSS DRAIN PIPES CONSTRUCTED AT DRIVEWAYS AND TEMPORARY DIVERSION CONNECTION SHALL BE REMOVED AFTER COMPLETION.
- SEE ROADWAY PLANS FOR DRIVEWAYS RECONSTRUCTION & CROSS DRAINS.

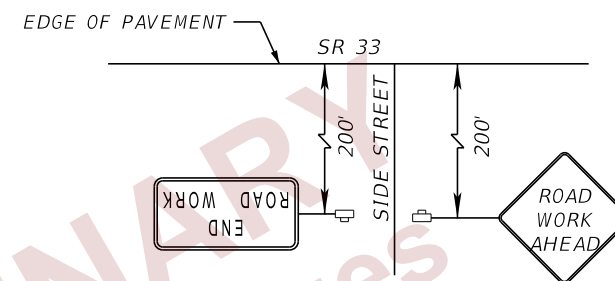
LANE CLOSURE
PORTABLE CHANGEABLE (VARIABLE)
MESSAGE SIGN (P.C.M.S.)



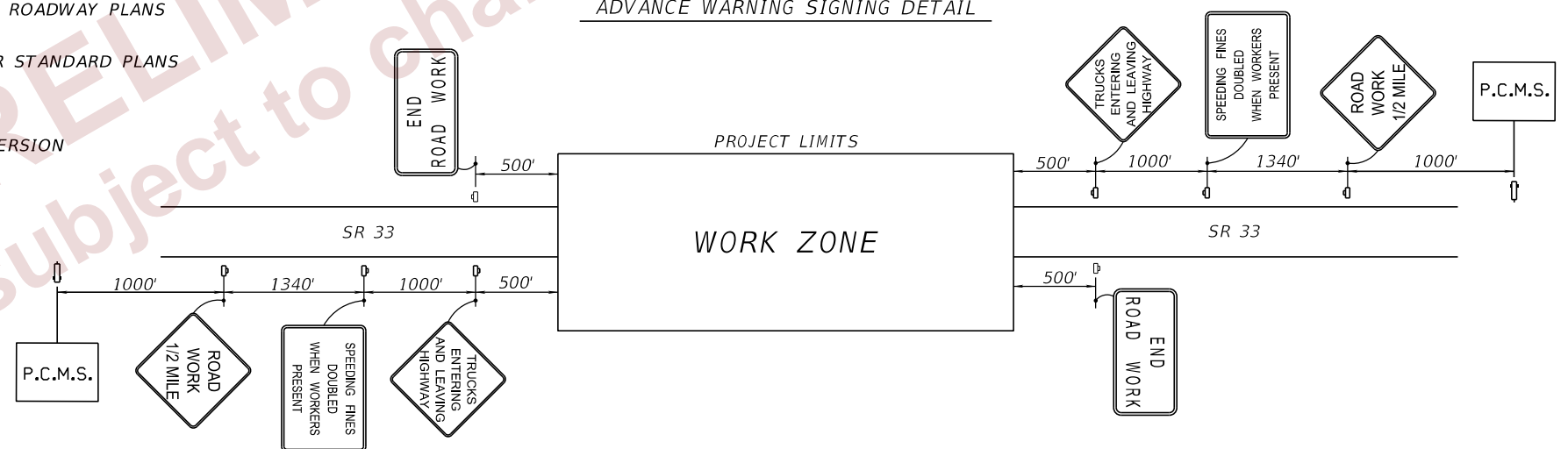
TYPICAL
PORTABLE CHANGEABLE (VARIABLE)
MESSAGE SIGN (P.C.M.S.)



SIDE STREET/DRIVEWAY SIGNING DETAIL



ADVANCE WARNING SIGNING DETAIL



Phase	Alignment	Station Range	Side	Length (ft)	Pipe Size (in)
Phase I - Step 2	BL Survey SR 33	529+58.50 to 530+80.41	RT	122.00	18"
Phase I - Step 2	BL Survey SR 33	538+57.57 to 539+66.32	RT	200.00	18"
Phase I - Step 2	BL Survey SR 33	532+07.13 to 533+92.90	RT	107.00	24"
Phase I - Step 2	BL Survey SR 33	543+79.21 to 543+88.20	RT	8.00	18"
Phase I - Step 2	BL Survey SR 33	543+88.20 to 544+03.28	RT	90.00	(3) 47"X29"
Phase I - Step 2	BL Survey SR 33	544+03.28 to 544+12.23	RT	8.00	18"
Phase I - Step 2	BL Survey SR 33	552+00.00 to 552+00.00	RT	45.00	8"
Phase I - Step 2	BL Survey SR 33	553+51.81 to 553+88.77	RT	37.00	18"

LEGEND

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

GENERAL NOTES

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 PEMROOK DRIVE, SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-7-52-01	

TEMP. TRAFFIC CONTROL
PLAN (01)

52

PHASE I

THE INTENT OF THIS PHASE IS CONSTRUCT SPECIAL DETOUR 1 FOR THE TEMPORARY TRAFFIC DIVERSION

STAGE 1

1. INSTALL ADVANCE SIGNING AS SHOWN IN TEMPORARY TRAFFIC CONTROL PLAN, ADVANCE WARNING SIGNING DETAIL AND PHASE 1 STAGE 1 TYPICAL.
2. INSTALL TEMPORARY EROSION CONTROL DEVICES.
3. CONSTRUCTION TEMPORARY PAVEMENT (SHOULDER OVERBUILD TO CORRECT CROSS SLOPE) UTILIZING STANDARD PLANS INDEX NO. 102-602.

STAGE 2

1. UTILIZING STANDARD PLANS INDEX NO. 102-602, NO. 102-603, 102-607 AND IN THE TRAFFIC CONTROL DETAILS.
2. INSTALL TEMPORARY EROSION CONTROL DEVICES.
3. INSTALL TEMPORARY DRAINAGE.
4. CONSTRUCT SPECIAL DETOUR 1 AS SHOWN IN THE PHASE I TYPICAL SECTIONS AND PLAN SHEETS.
5. PLACE TEMPORARY BARRIER WALLS, SIGNING, AND PAVEMENT MARKINGS AS SHOWN IN THE PHASE I PLAN SHEETS.

PHASE II

THE INTENT OF THIS PHASE IS TO CONSTRUCT THE SR 33 IMPROVEMENTS.





1. INSTALL ADVANCE SIGNING AS SHOWN IN STANDARD PLANS INDEX NO. 102-608 AND IN THE TRAFFIC CONTROL DETAILS.
2. SHIFT TRAFFIC ON TO SPECIAL DETOUR 1.
3. CONSTRUCT THE SR 33 IMPROVEMENTS AS DESCRIBED IN THE PLANS.

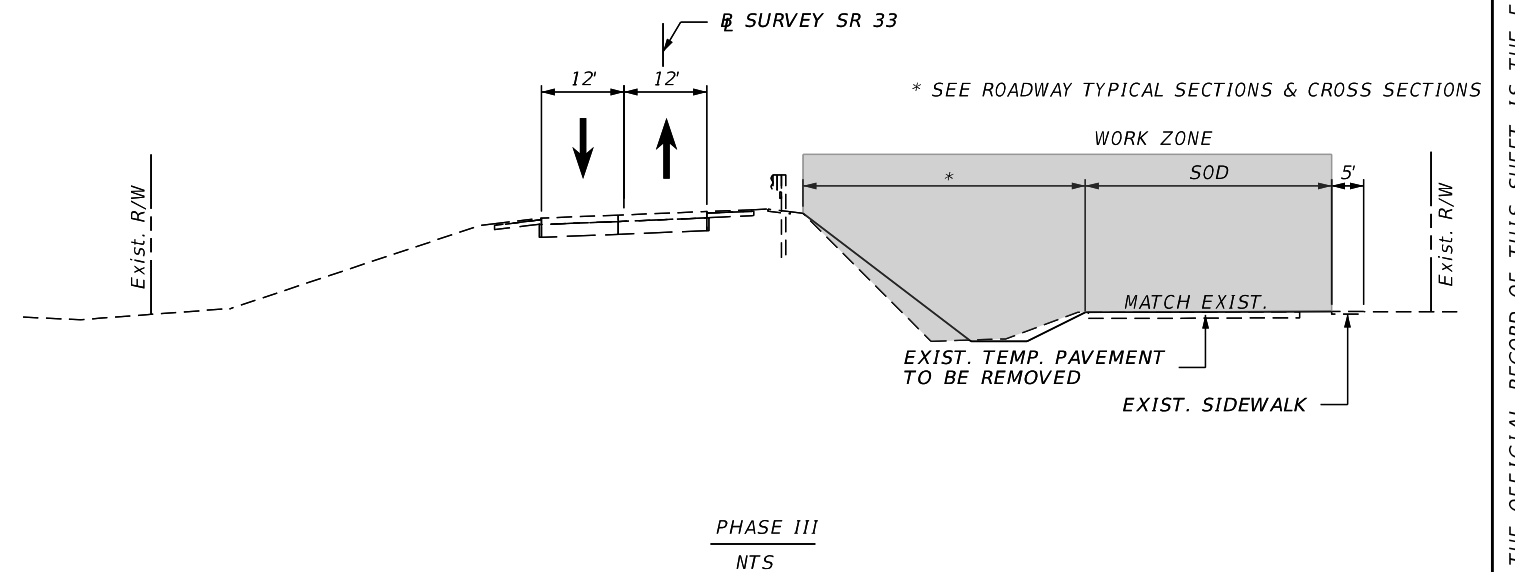
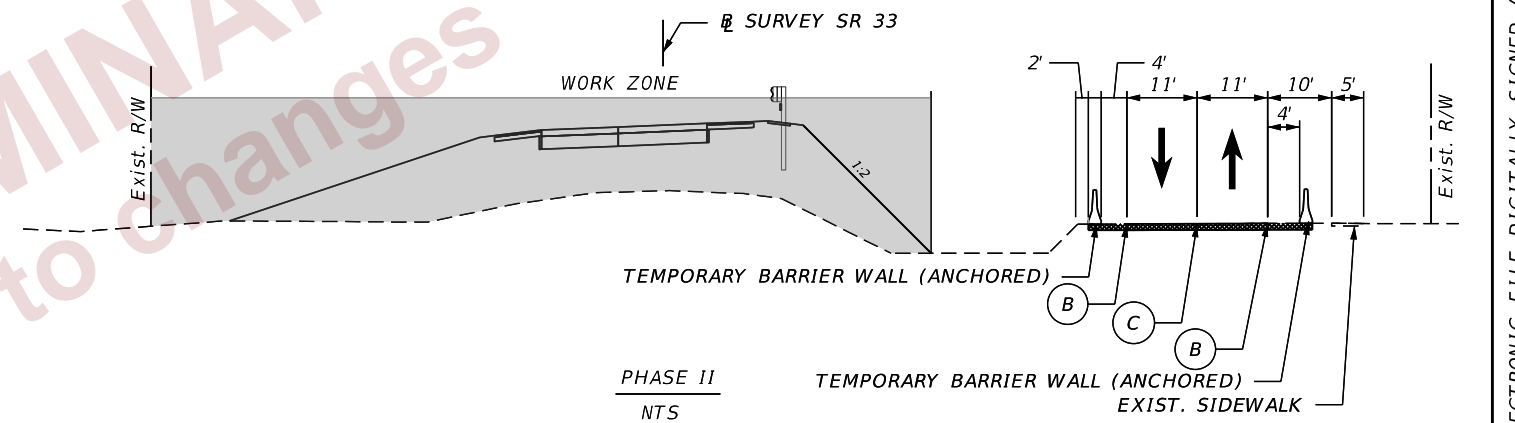
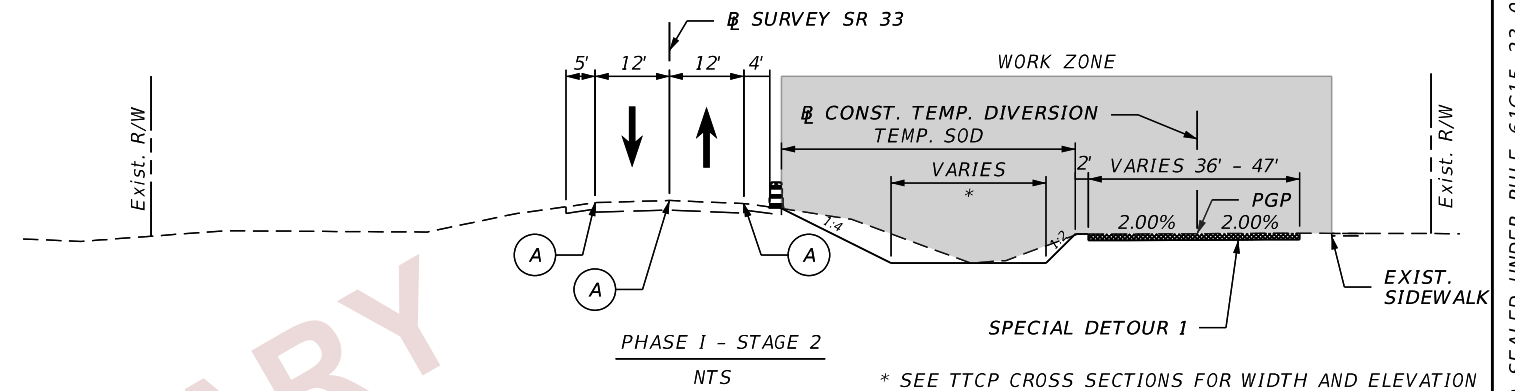
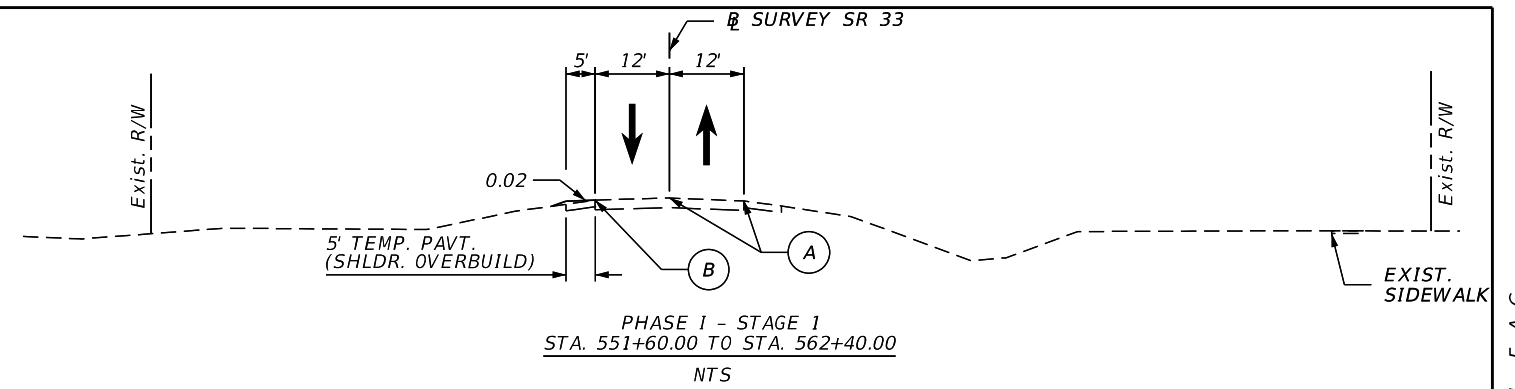
PHASE III

THE INTENT OF THIS PHASE IS TO REMOVE TEMPORARY DIVERSION, CONSTRUCT THE REMAINING DITCHES, FINISH THE REMAINING DRIVEWAY CONNECTIONS AND RESTORED EXISTING SR 33 DRAINAGE PATTERN AT THE BEGINNING AND END OF THE TEMPORARY DIVERSION.

1. SHIFT TRAFFIC ON TO THE NEWLY CONSTRUCTED SR 33.
2. INSTALL WORK ZONE SIGNS AND TRAFFIC CONTROL DEVICES UTILIZING STANDARD PLANS INDEX 102-602.
3. REMOVE TEMPORARY DIVERSION AND TEMPORARY DRAINAGE.
4. COMPLETE THE REMAINING DITCH GRADING, SIDEDRAINS AND DRIVEWAY CONNECTION (SEE ROADWAY PLANS.)
5. CORRECT THE SHOULDER CROSS SLOPE BY MILLING & RESURFACING (SEE ROADWAY PLANS.)
6. INSTALL SOD, EDGE STRIPS, SIGNS, AND MARKERS (SEE ROADWAY PLAN & SIGNING & PAVEMENT MARKING PLANS.)

LEGEND

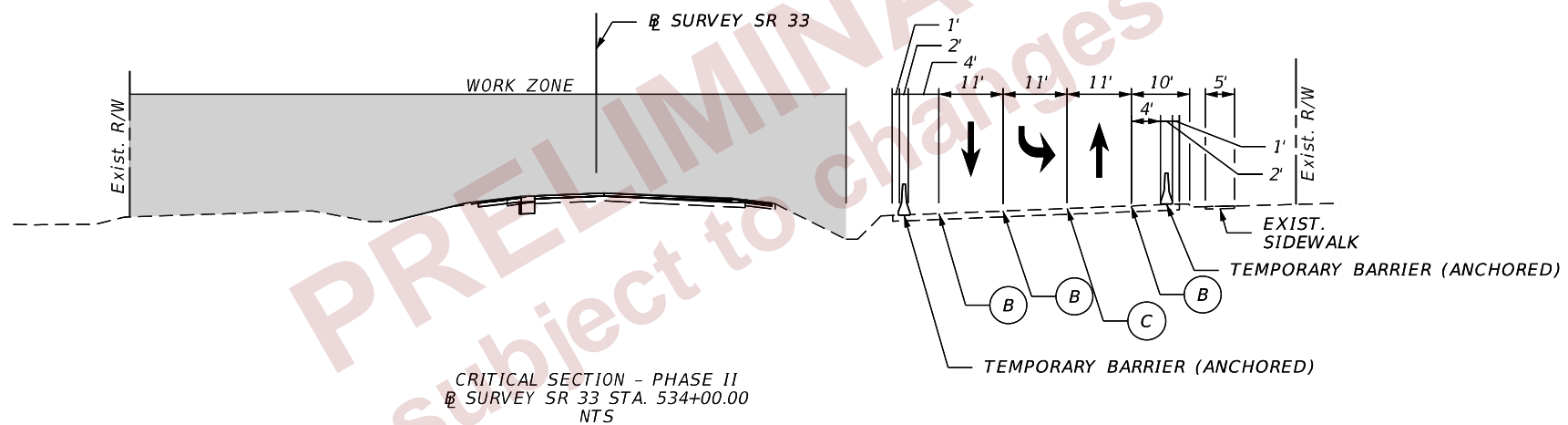
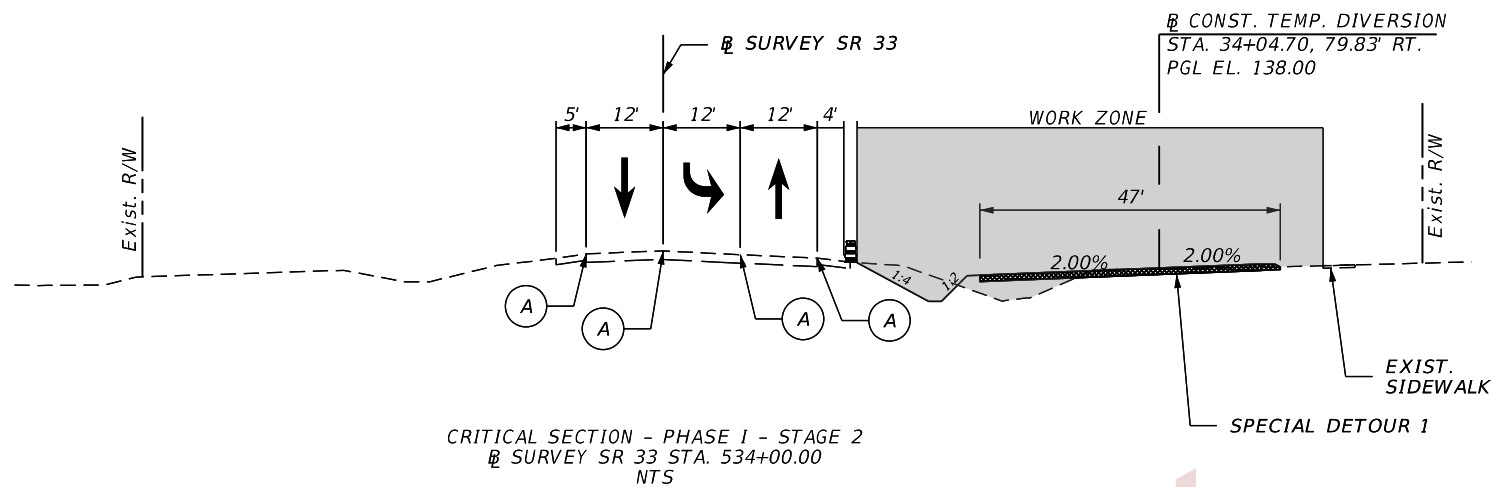
-  CHANNELIZING DEVICE (SEE INDEX 102-600)
-  EXISTING PAVEMENT MARKINGS
-  6" WHITE (TEMPORARY PAVEMENT MARKINGS) W/ W/R RPMs @ 40' C/C
-  6" DBL. YELLOW (TEMPORARY PAVEMENT MARKINGS) W/ Y/Y RPMs @ 40' C/C



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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 53
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	430185-7-52-01	TEMP. TRAFFIC CONTROL PLAN (02)			



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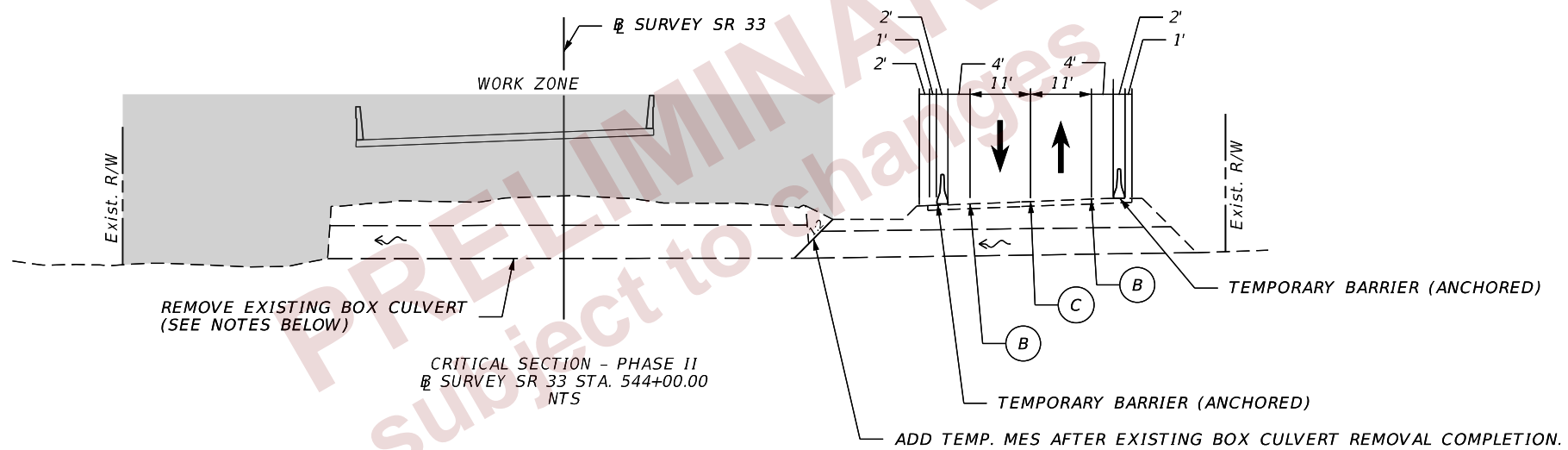
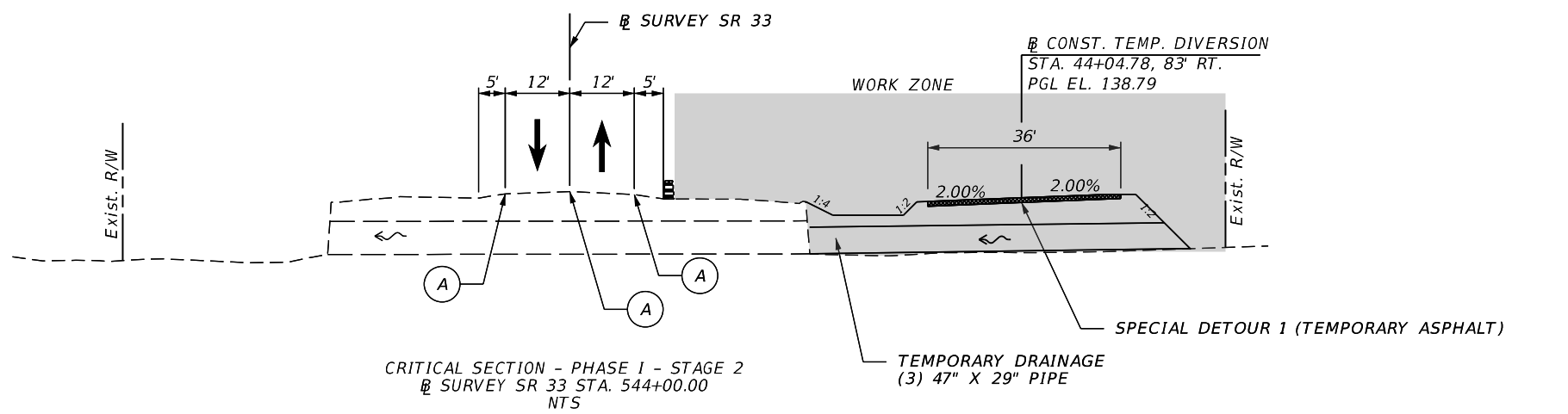
LEGEND

- CHANNELIZING DEVICE (SEE INDEX 102-600)
- EXISTING PAVEMENT MARKINGS
- 6" WHITE (TEMPORARY PAVEMENT MARKINGS) W/ W/R RPMs @ 40' C/C
- 6" DBL. YELLOW (TEMPORARY PAVEMENT MARKINGS) W/ Y/Y RPMs @ 40' C/C

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

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (04)	SHEET NO. 55
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	430185-7-52-01		

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NOTES:
 EXISTING BOX CULVERT SHALL BE REMOVED IN STEPS PRIOR TO DRIVING PILES.
 1. REMOVE ONE BOX CULVERT CELL AND KEEP THE OTHER OPEN.
 2. REMOVE THE REMAINING BOX CULVERT.
 3. ADD TEMP. MES AND REGRADE TO MAINTAIN THE EXISTING FLOWS.

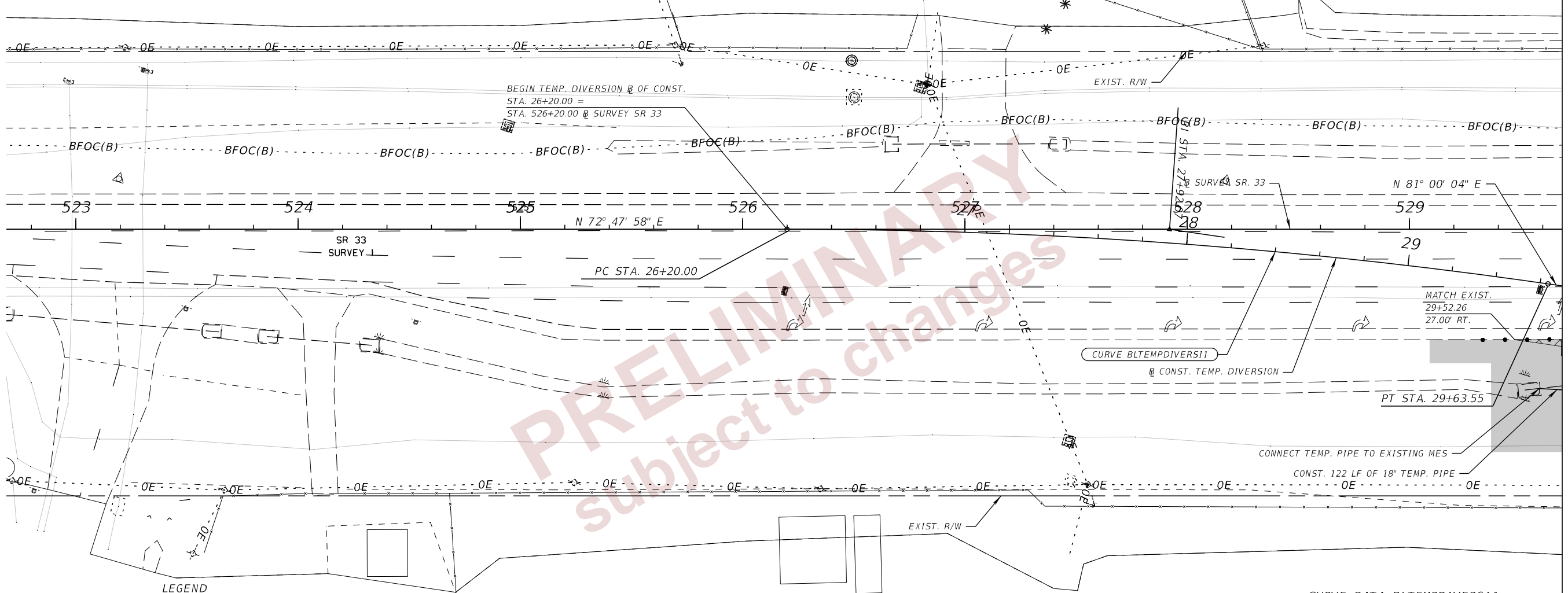
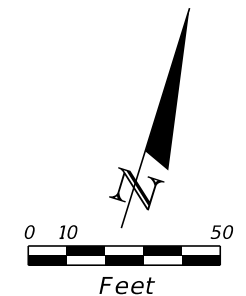
LEGEND

-  CHANNELIZING DEVICE (SEE INDEX 102-600)
-  EXISTING PAVEMENT MARKINGS
-  6" WHITE (TEMPORARY PAVEMENT MARKINGS) W/ W/R RPMs @ 40' C/C
-  6" DBL. YELLOW (TEMPORARY PAVEMENT MARKINGS) W/ Y/Y RPMs @ 40' C/C

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (05)	SHEET NO. 56
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	430185-7-52-01		

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PRELIMINARY
subject to changes

- LEGEND**
- TEMP PAVEMENT CURRENT PHASE
 - WORK ZONE
 - CHANNELIZING DEVICES (INDEX 102-600)

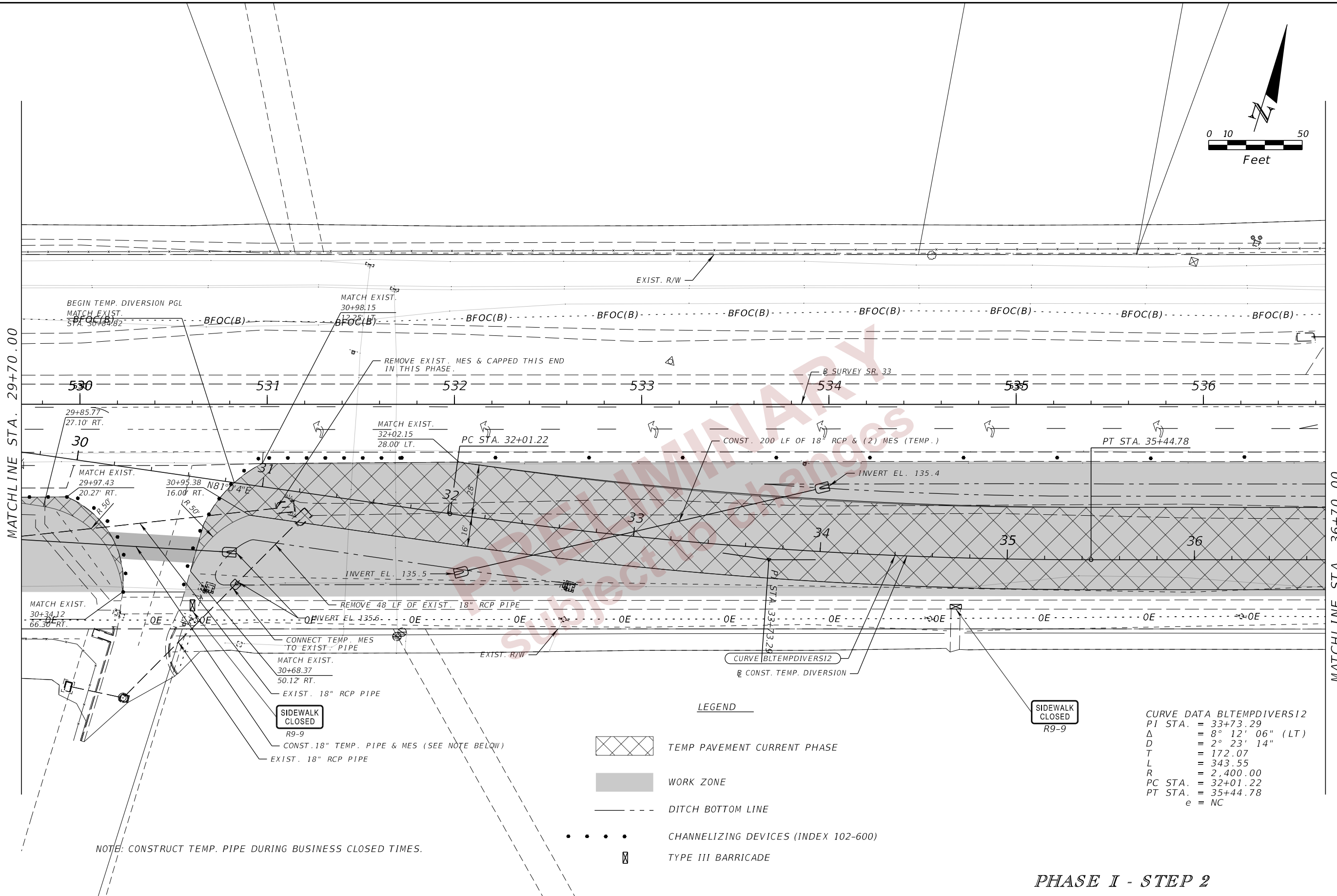
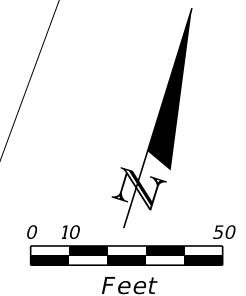
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 D = 2° 23' 14"
 T = 172.07
 L = 343.55
 R = 2,400.00
 PC STA. = 26+20.00
 PT STA. = 29+63.55
 e = NC

PHASE I - STEP 2

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (06)	SHEET NO. 57
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	430185-7-52-01		

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MATCHLINE STA. 29+70.00

MATCHLINE STA. 36+70.00

LEGEND

- TEMP PAVEMENT CURRENT PHASE
- WORK ZONE
- DITCH BOTTOM LINE
- CHANNELIZING DEVICES (INDEX 102-600)
- TYPE III BARRICADE

SIDEWALK CLOSED
R9-9

CURVE DATA BLTEMPDIVERS12
 PI STA. = 33+73.29
 Δ = 8° 12' 06" (LT)
 D = 2° 23' 14"
 T = 172.07
 L = 343.55
 R = 2,400.00
 PC STA. = 32+01.22
 PT STA. = 35+44.78
 e = NC

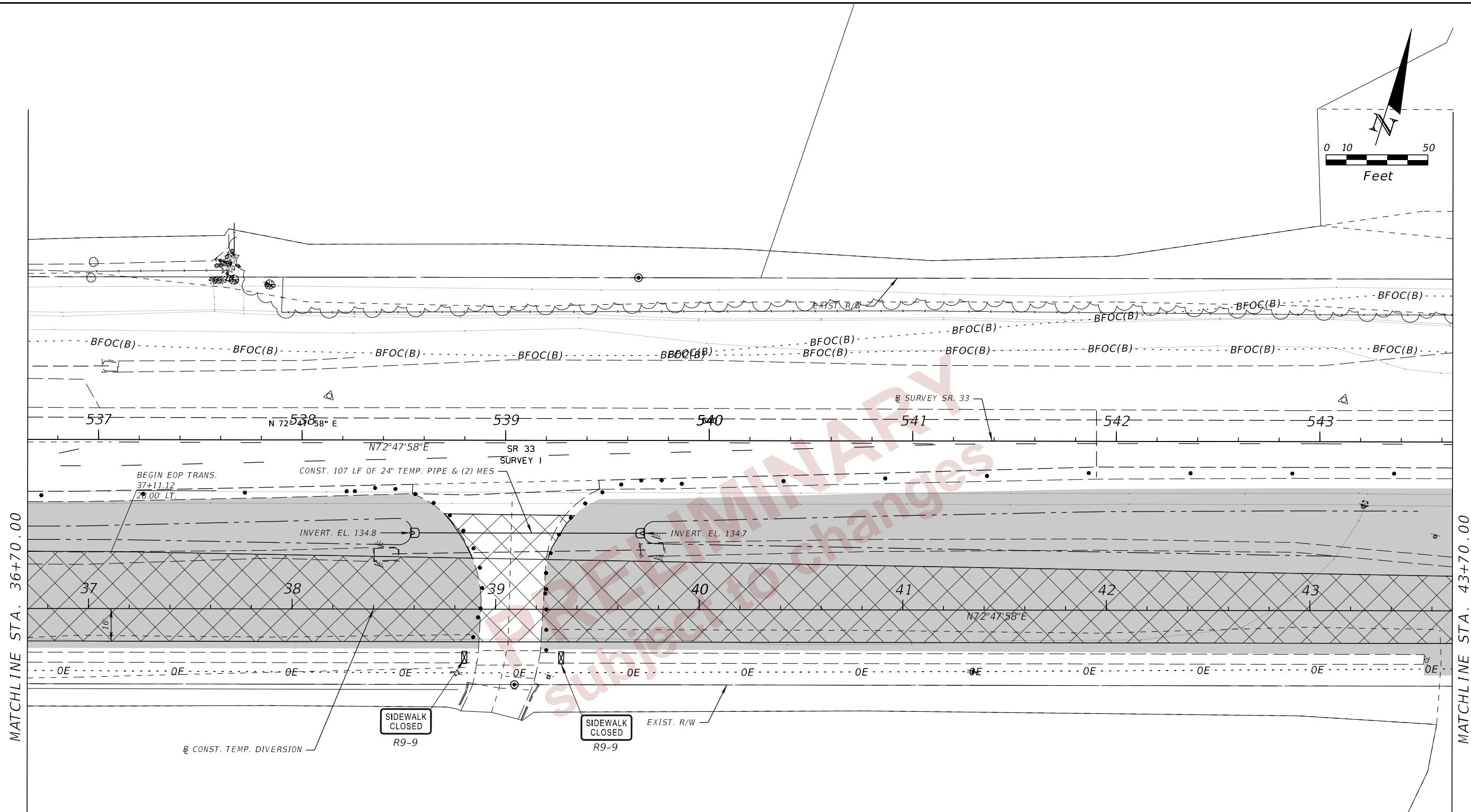
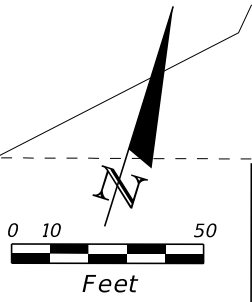
NOTE: CONSTRUCT TEMP. PIPE DURING BUSINESS CLOSED TIMES.

PHASE I - STEP 2

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	430185-7-52-01	TEMP. TRAFFIC CONTROL PLAN (07) 58

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LEGEND

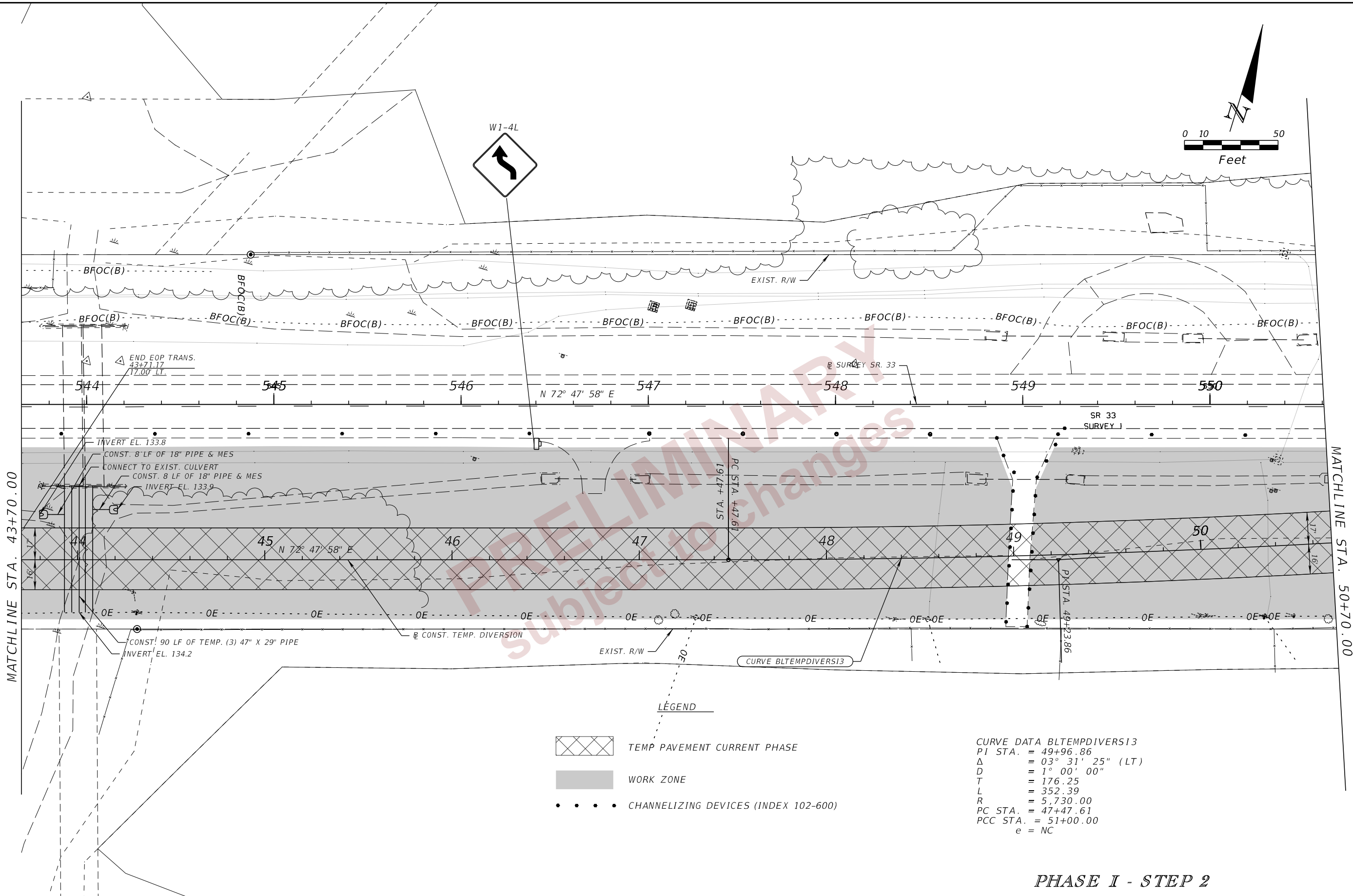
- TEMP PAVEMENT CURRENT PHASE
- WORK ZONE
- CHANNELIZING DEVICES (INDEX 102-600)
- TYPE III BARRICADE
- DITCH BOTTOM LINE

PHASE I - STEP 2

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 59
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. TRAFFIC CONTROL
PLAN (08)**

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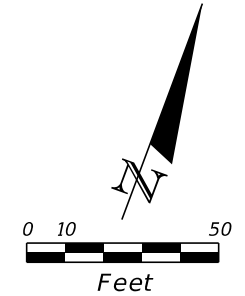


PHASE I - STEP 2

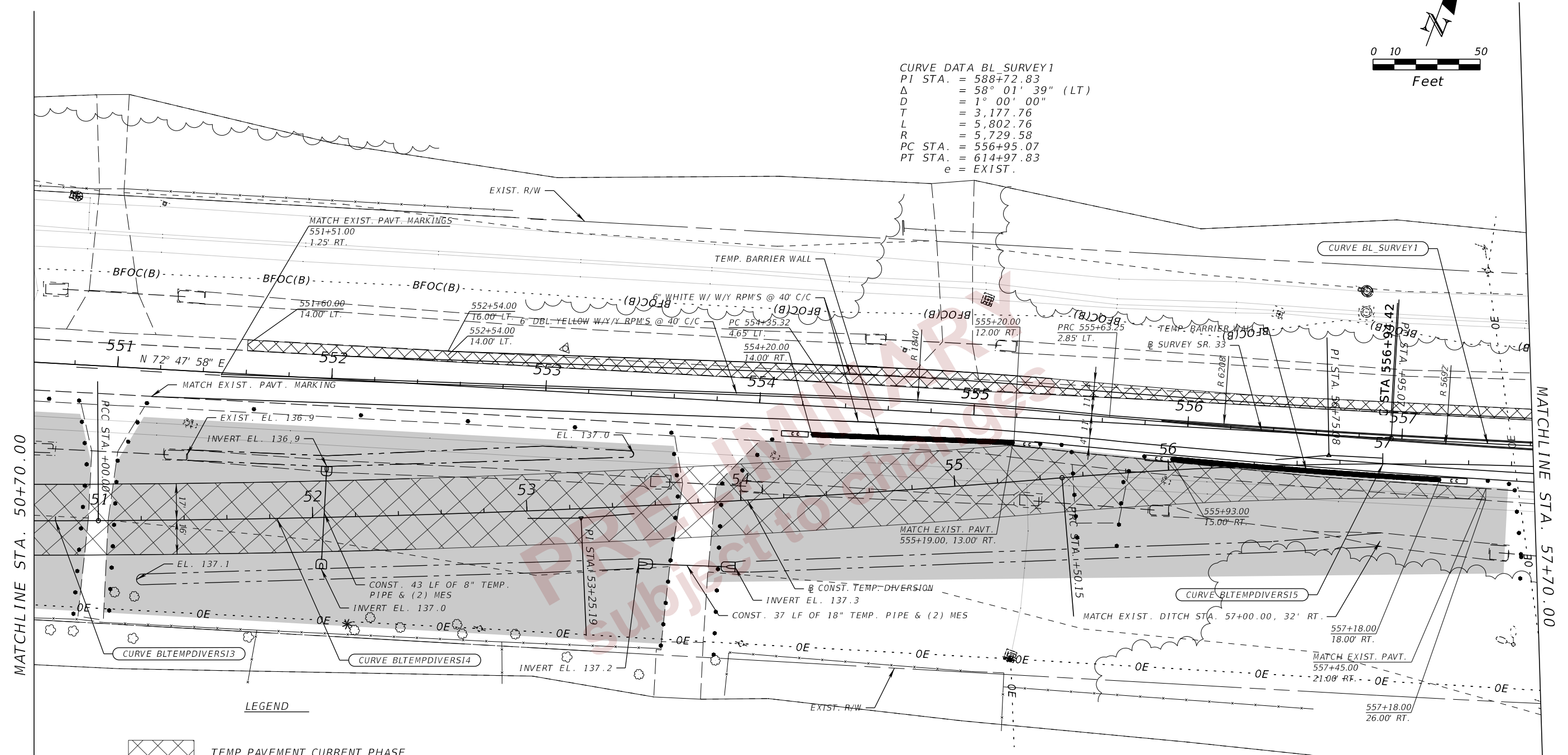
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-7-52-01	60

TEMP. TRAFFIC CONTROL
 PLAN (09)

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CURVE DATA BL_SURVEY1
 PI STA. = 588+72.83
 Δ = 58° 01' 39" (LT)
 D = 1° 00' 00"
 T = 3,177.76
 L = 5,802.76
 R = 5,729.58
 PC STA. = 556+95.07
 PT STA. = 614+97.83
 e = EXIST.



- LEGEND**
- TEMP PAVEMENT CURRENT PHASE
 - TEMP PAVEMENT CONST. PREVIOUS PHASE
 - WORK ZONE
 - CRASH CUSHION
 - CHANNELIZING DEVICES (INDEX 102-600)
 - DITCH BOTTOM LINE

CURVE DATA BLTEMPDIVERSI3
 PI STA. = 49+96.87
 Δ = 03° 31' 25" (LT)
 D = 1° 00' 00"
 T = 176.25
 L = 352.39
 R = 5,730.00
 PC STA. = 47+47.61
 PCC STA. = 51+00.00
 e = NC

CURVE DATA BLTEMPDIVERSI4
 PI STA. = 53+25.19
 Δ = 4° 30' 04" (LT)
 D = 1° 00' 00"
 T = 225.19
 L = 450.15
 R = 5,730.00
 PCC STA. = 51+00.00
 PRC STA. = 55+50.15
 e = NC

CURVE DATA BLTEMPDIVERSI5
 PI STA. = 56+75.08
 Δ = 7° 46' 06" (RT)
 D = 3° 06' 50"
 T = 124.93
 L = 249.47
 R = 1,840.00
 PRC STA. = 55+50.15
 PRC STA. = 57+99.16
 e = NC

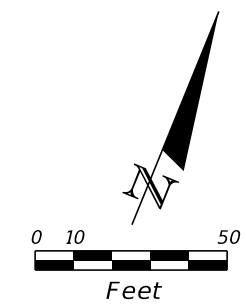
PHASE I - STEP 2

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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 & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 33	POLK	430185-7-52-01	

**TEMP. TRAFFIC CONTROL
PLAN (10)**

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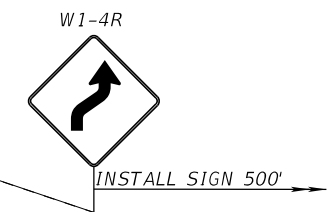
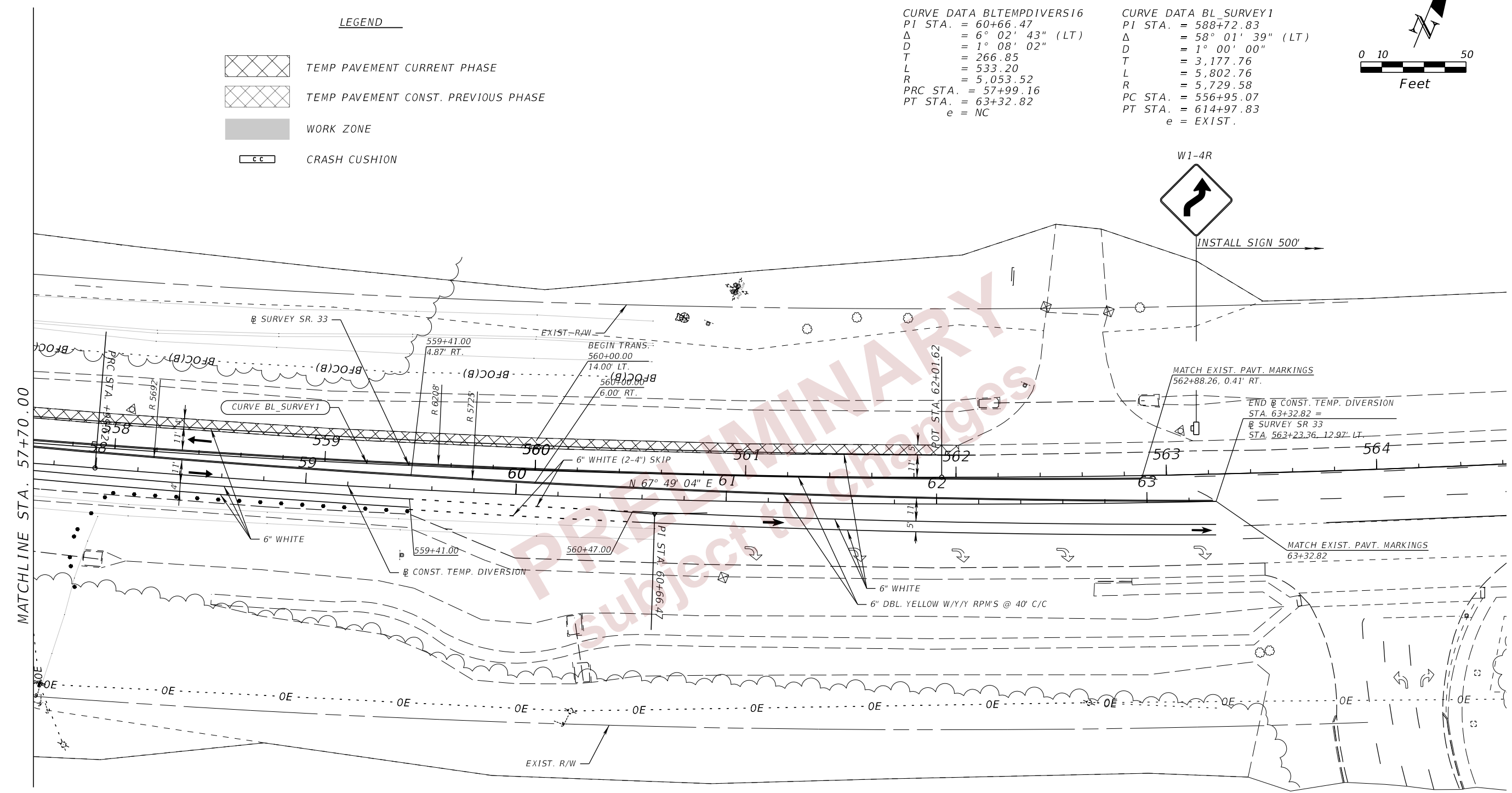


LEGEND

	TEMP PAVEMENT CURRENT PHASE
	TEMP PAVEMENT CONST. PREVIOUS PHASE
	WORK ZONE
	CRASH CUSHION

CURVE DATA BLTEMPDIVERS16
 PI STA. = 60+66.47
 Δ = 6° 02' 43" (LT)
 D = 1° 08' 02"
 T = 266.85
 L = 533.20
 R = 5,053.52
 PRC STA. = 57+99.16
 PT STA. = 63+32.82
 e = NC

CURVE DATA BL SURVEY1
 PI STA. = 588+72.83
 Δ = 58° 01' 39" (LT)
 D = 1° 00' 00"
 T = 3,177.76
 L = 5,802.76
 R = 5,729.58
 PC STA. = 556+95.07
 PT STA. = 614+97.83
 e = EXIST.



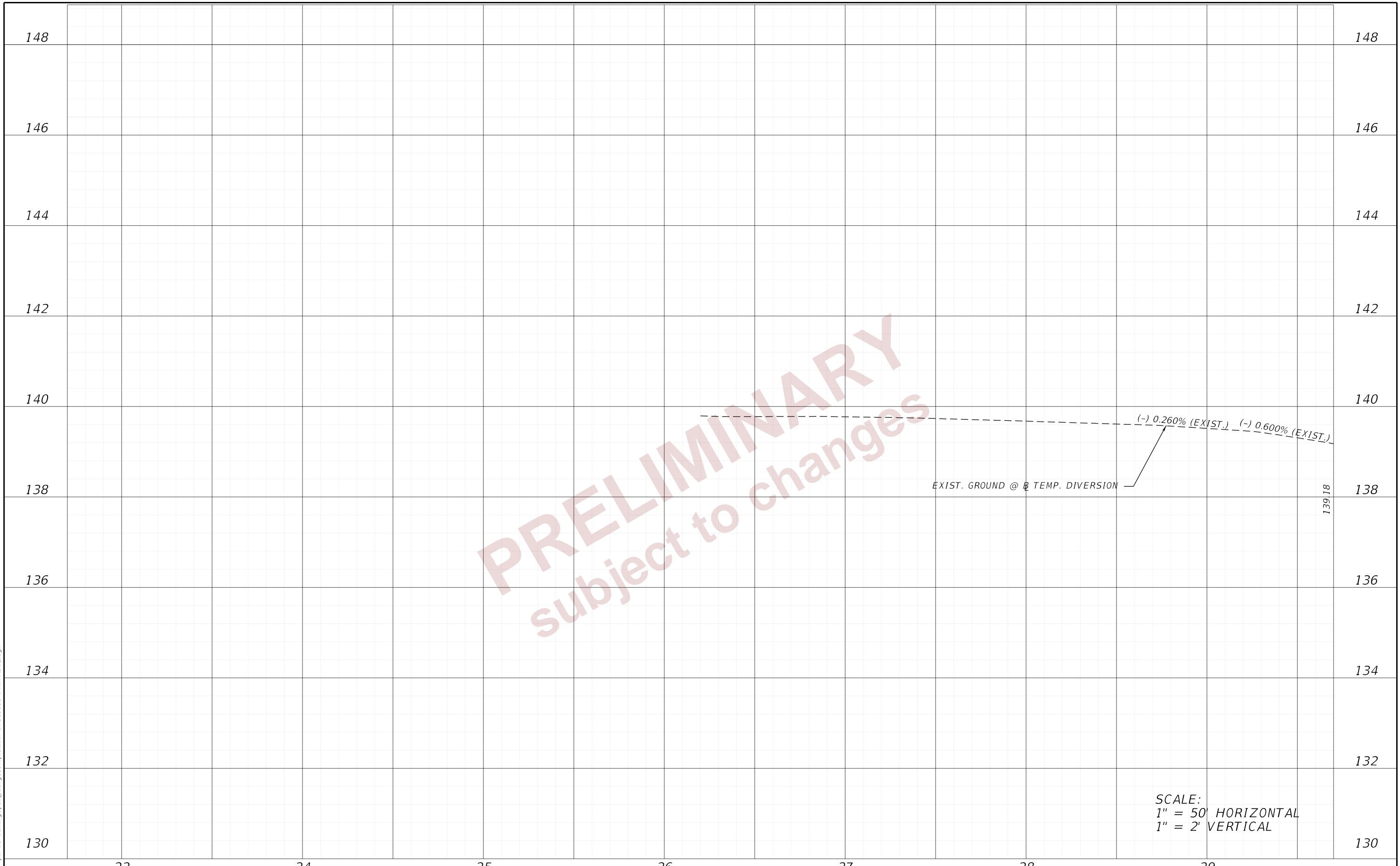
PHASE I - STEP 2

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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	
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01	62

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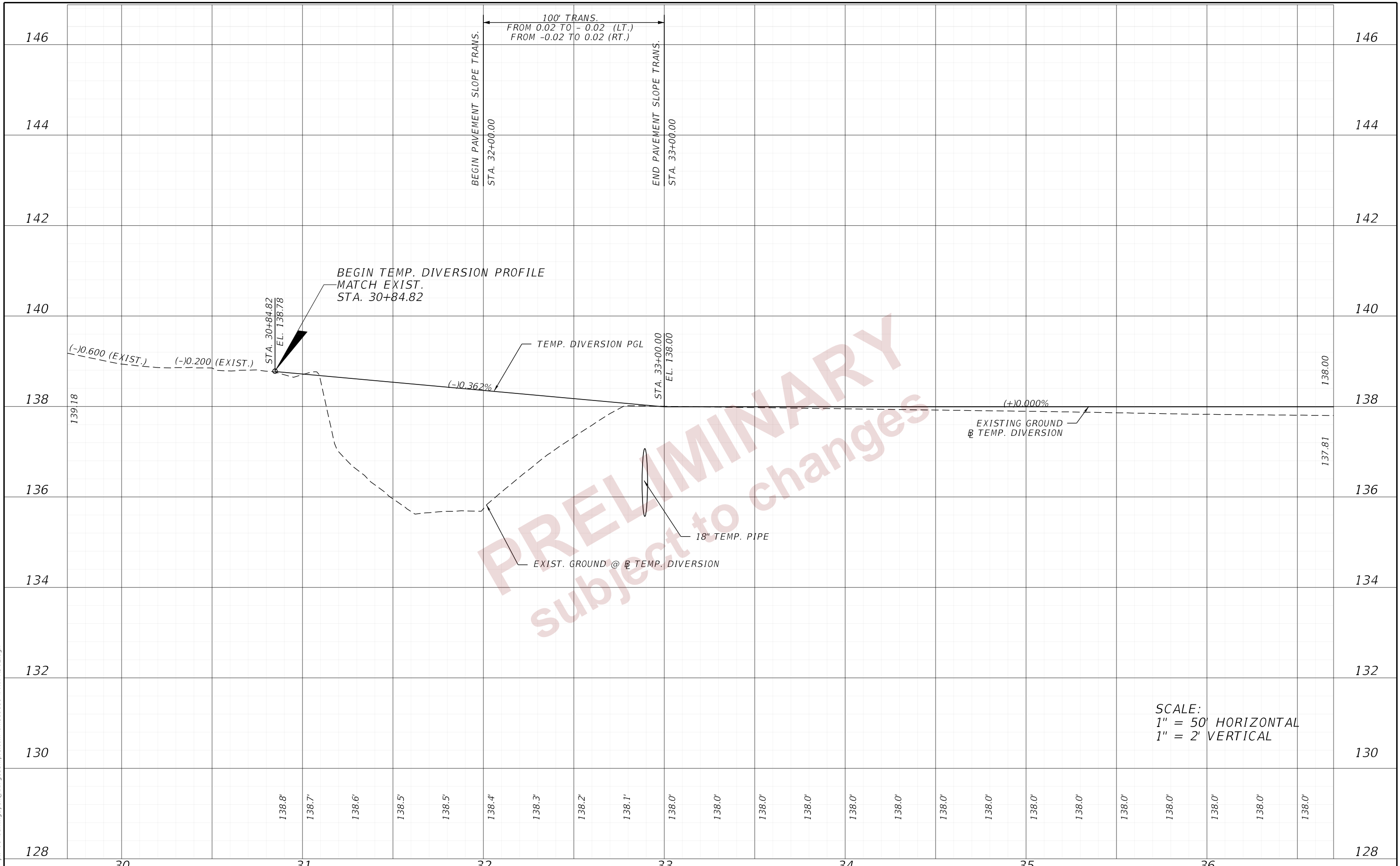
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (12)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		63
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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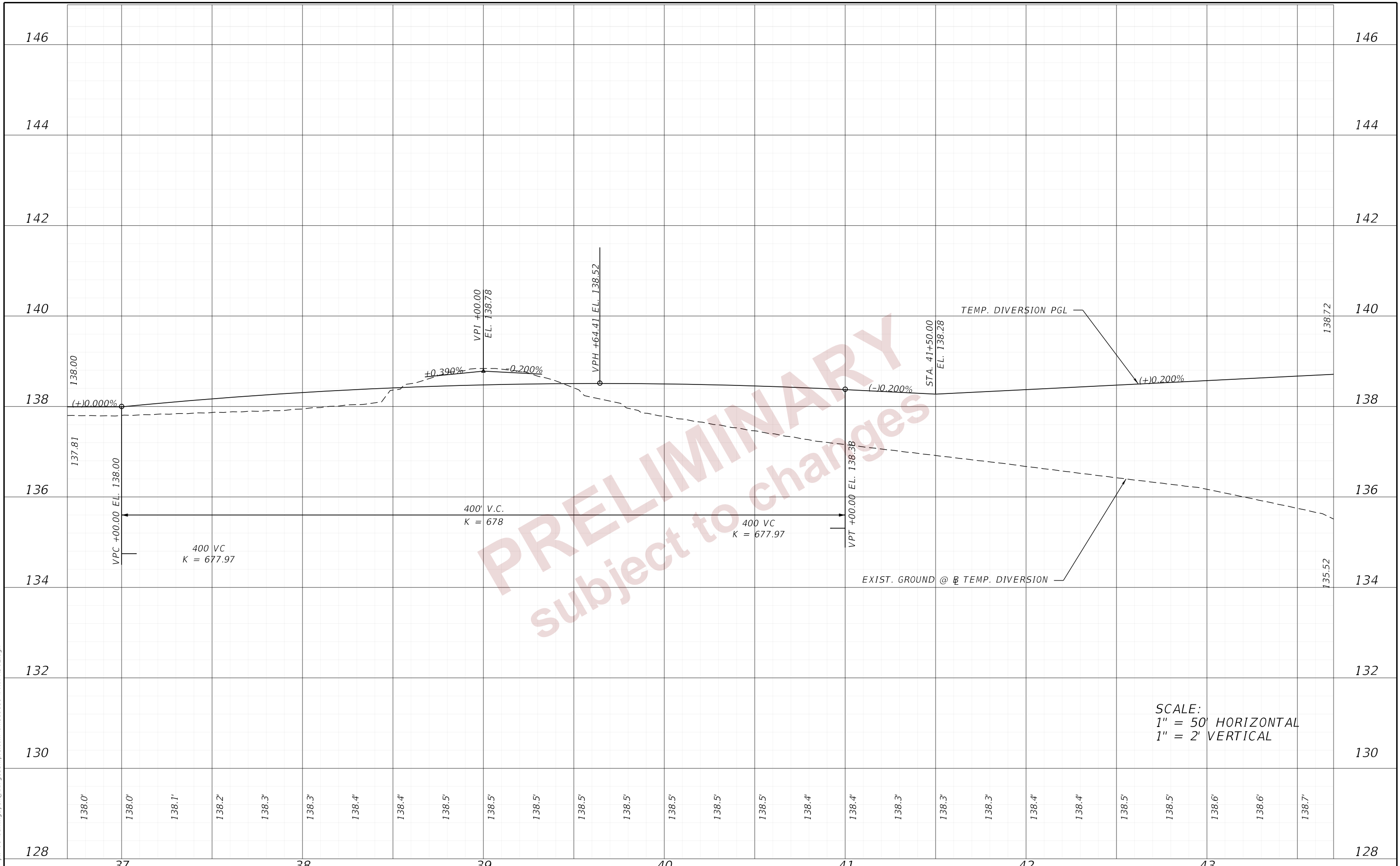
PRELIMINARY
subject to changes

SCALE:
1" = 50' HORIZONTAL
1" = 2' VERTICAL

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		64
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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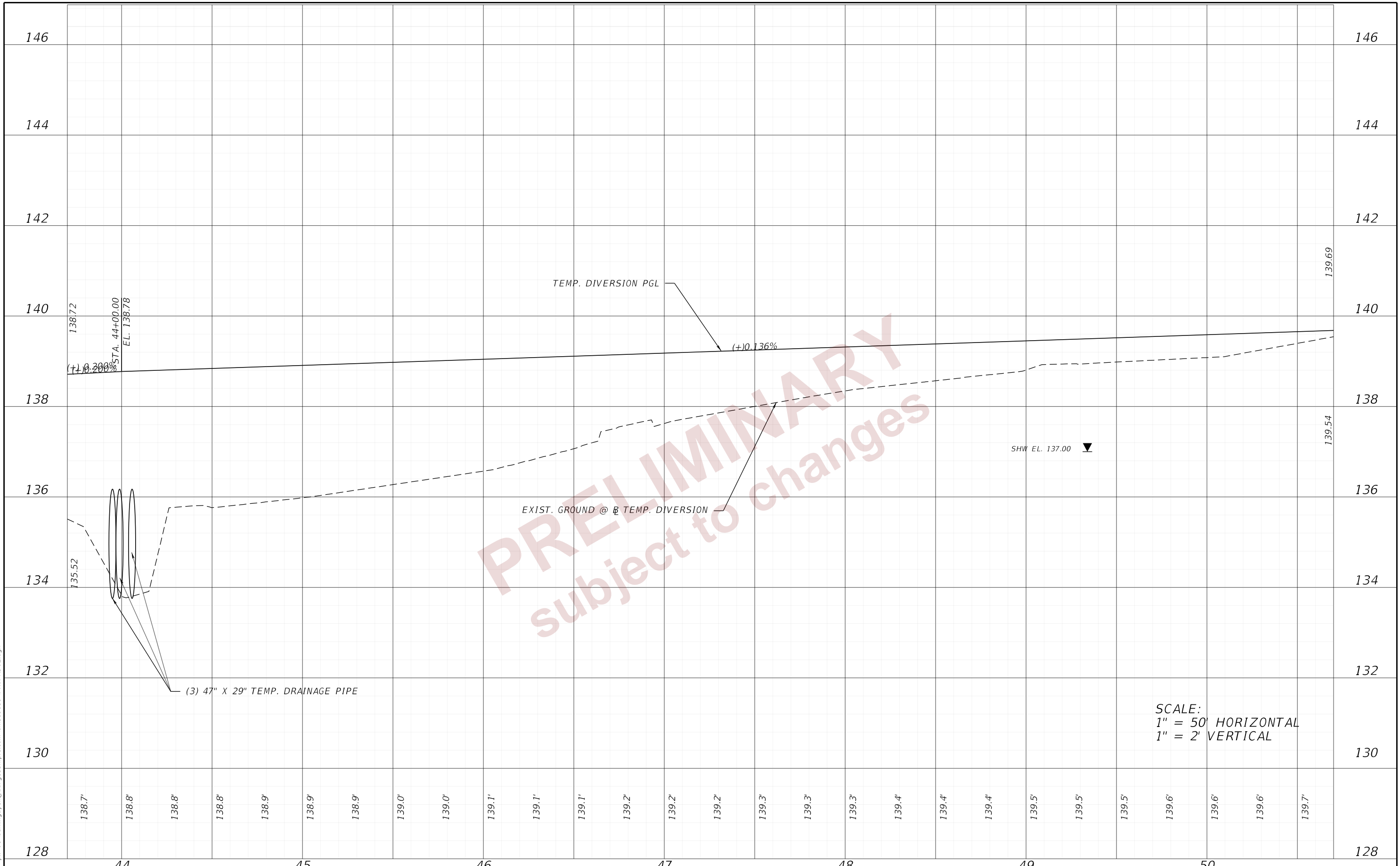


SCALE:
 1" = 50' HORIZONTAL
 1" = 2' VERTICAL

DATE		DESCRIPTION		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (14)	SHEET NO.
				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	430185-7-52-01		65

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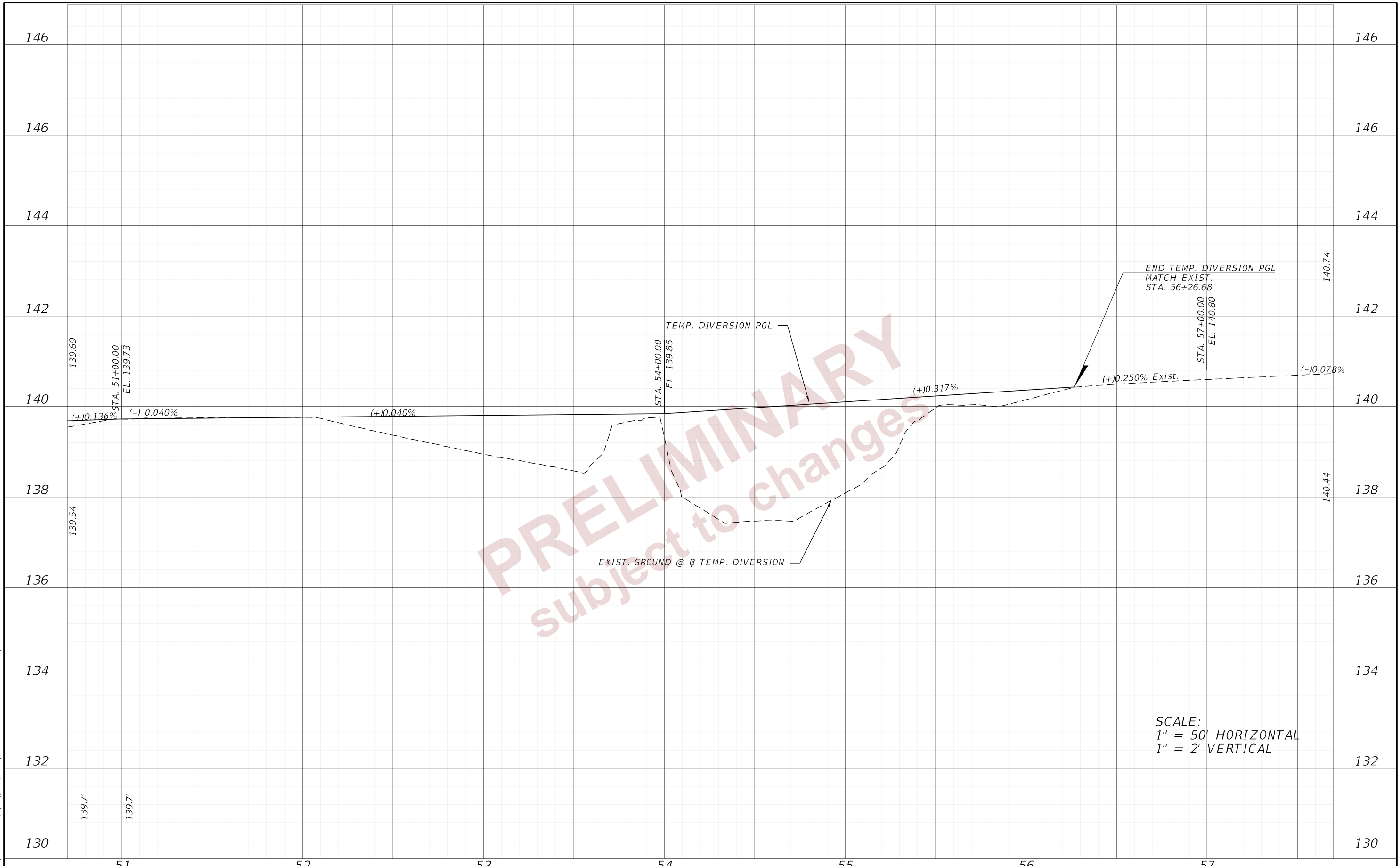
PRELIMINARY
 subject to changes

SCALE:
 1" = 50' HORIZONTAL
 1" = 2' VERTICAL

DATE		DESCRIPTION		REVISIONS		ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (15)	SHEET NO.
						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	430185-7-52-01		

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SCALE:
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 1" = 2' VERTICAL

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (16)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		67
				SR 33	POLK	430185-7-52-01		
				RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810				

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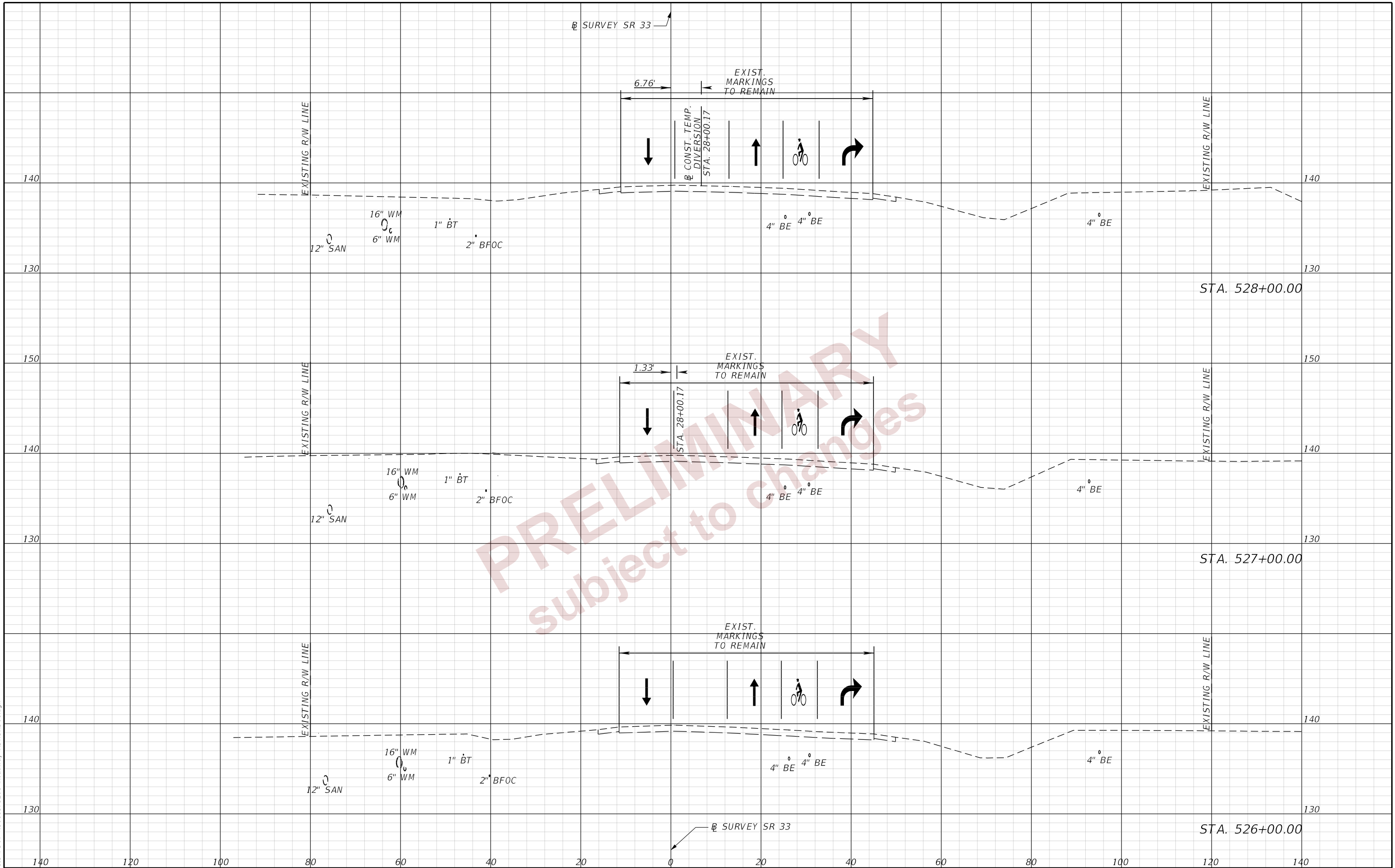
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 subject to changes

SCALE:
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 1" = 2' VERTICAL

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (17)	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	430185-7-52-01		68

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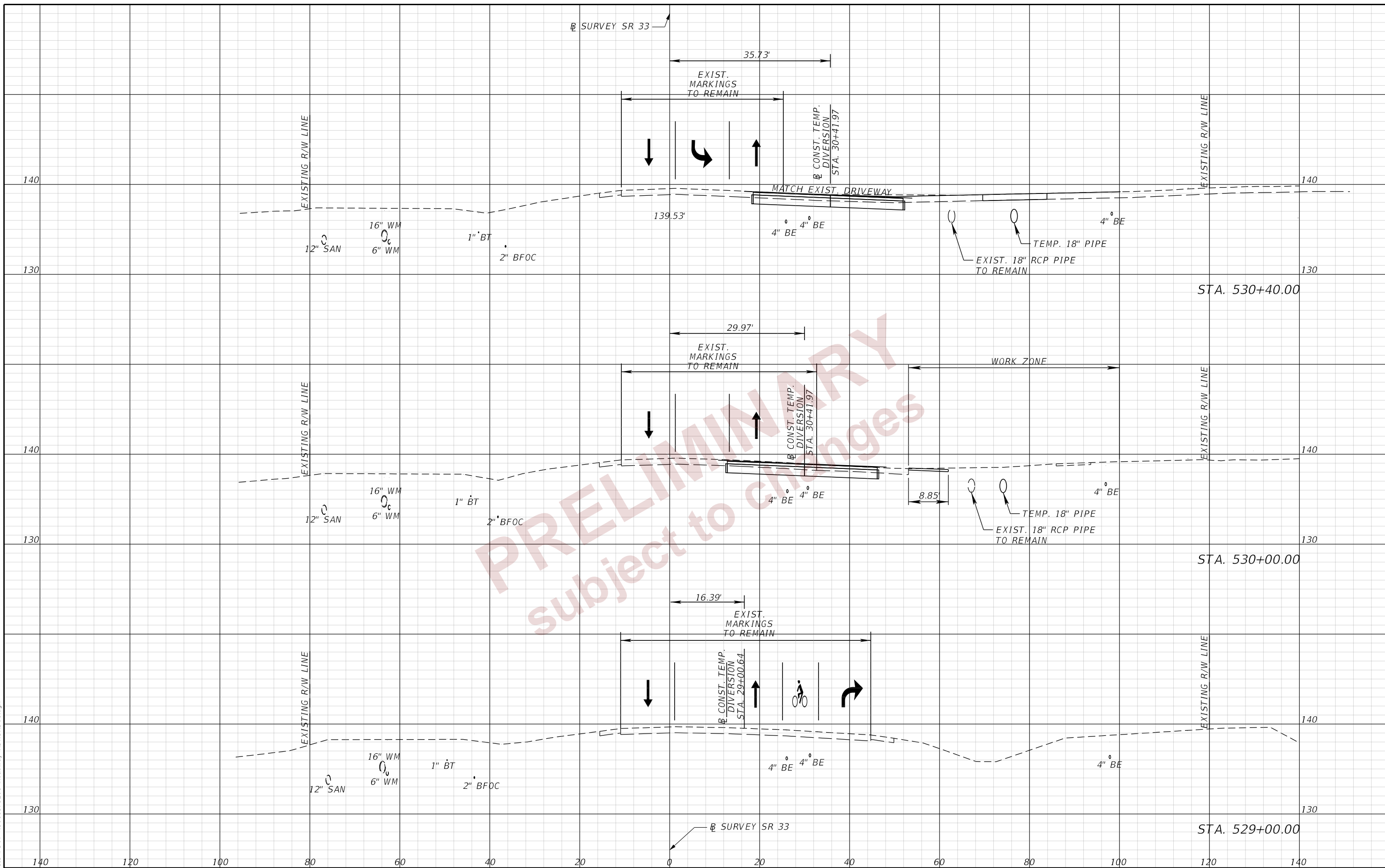


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DATE		DESCRIPTION		DATE		DESCRIPTION		ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
								RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
											SR 33	POLK	430185-7-52-01	
TEMP. TRAFFIC CONTROL												PLAN (18)		69

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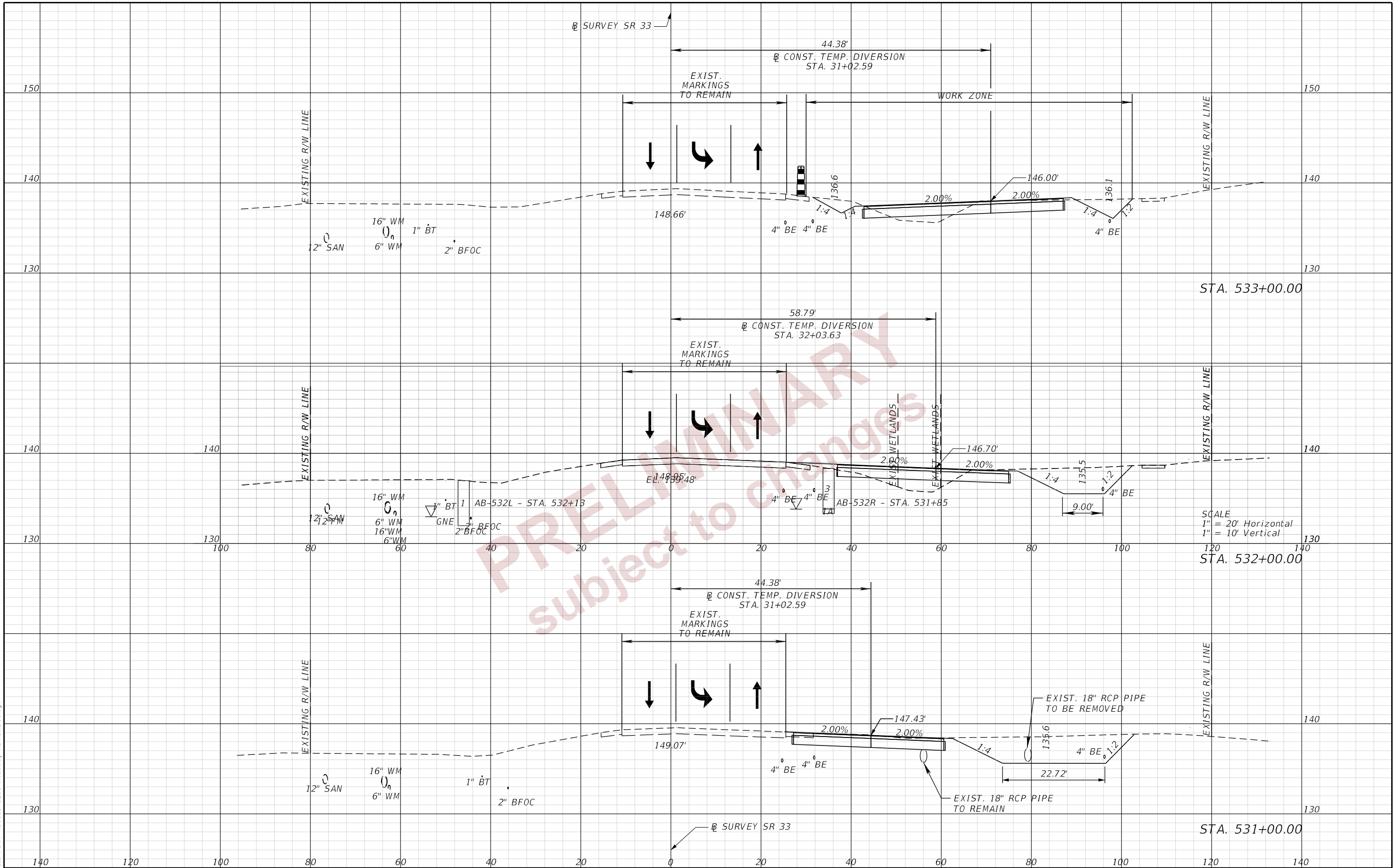
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (19)	SHEET NO. 70
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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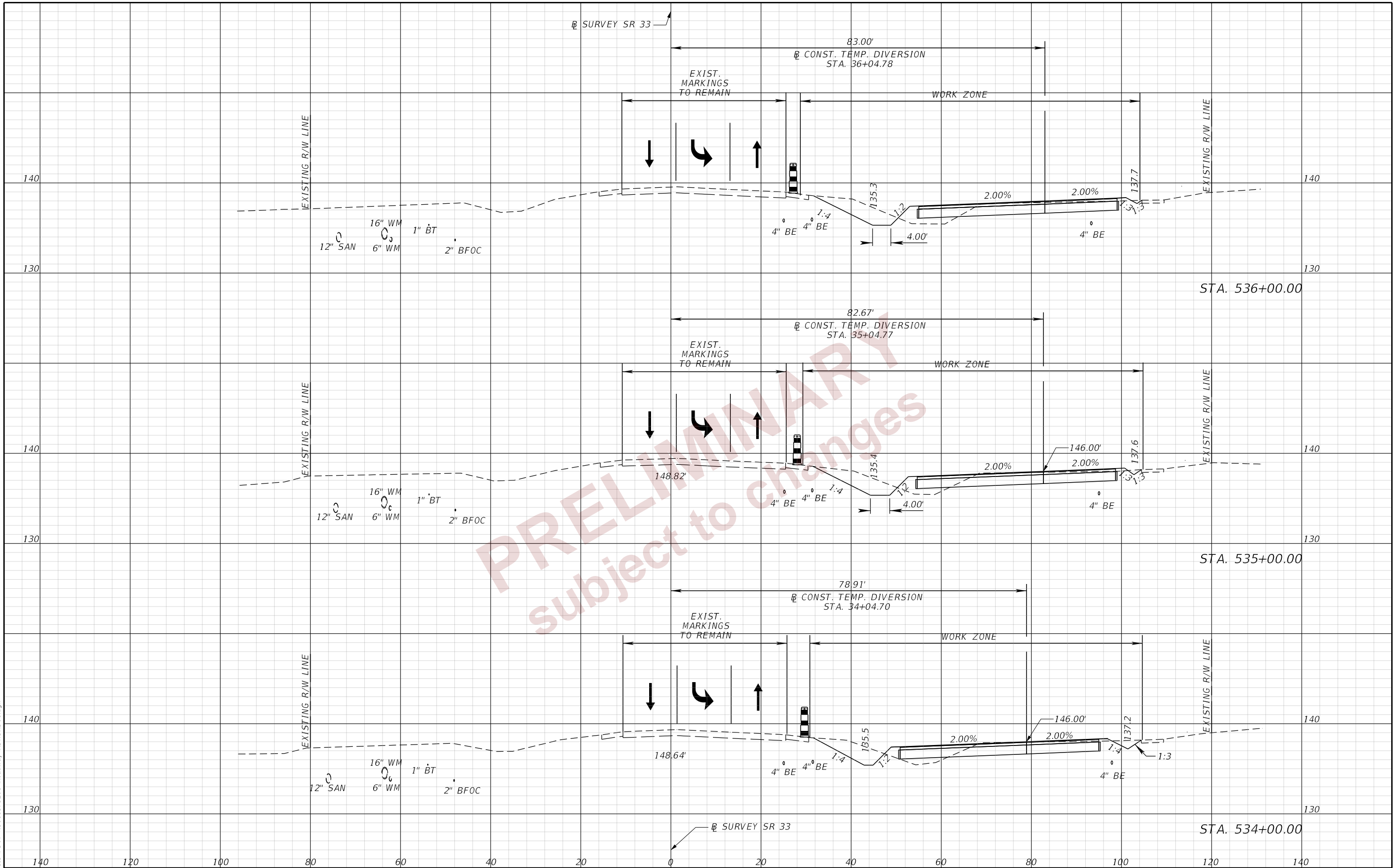


SCALE
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 1" = 10' Vertical

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (20)	SHEET NO. 71
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	430185-7-52-01		

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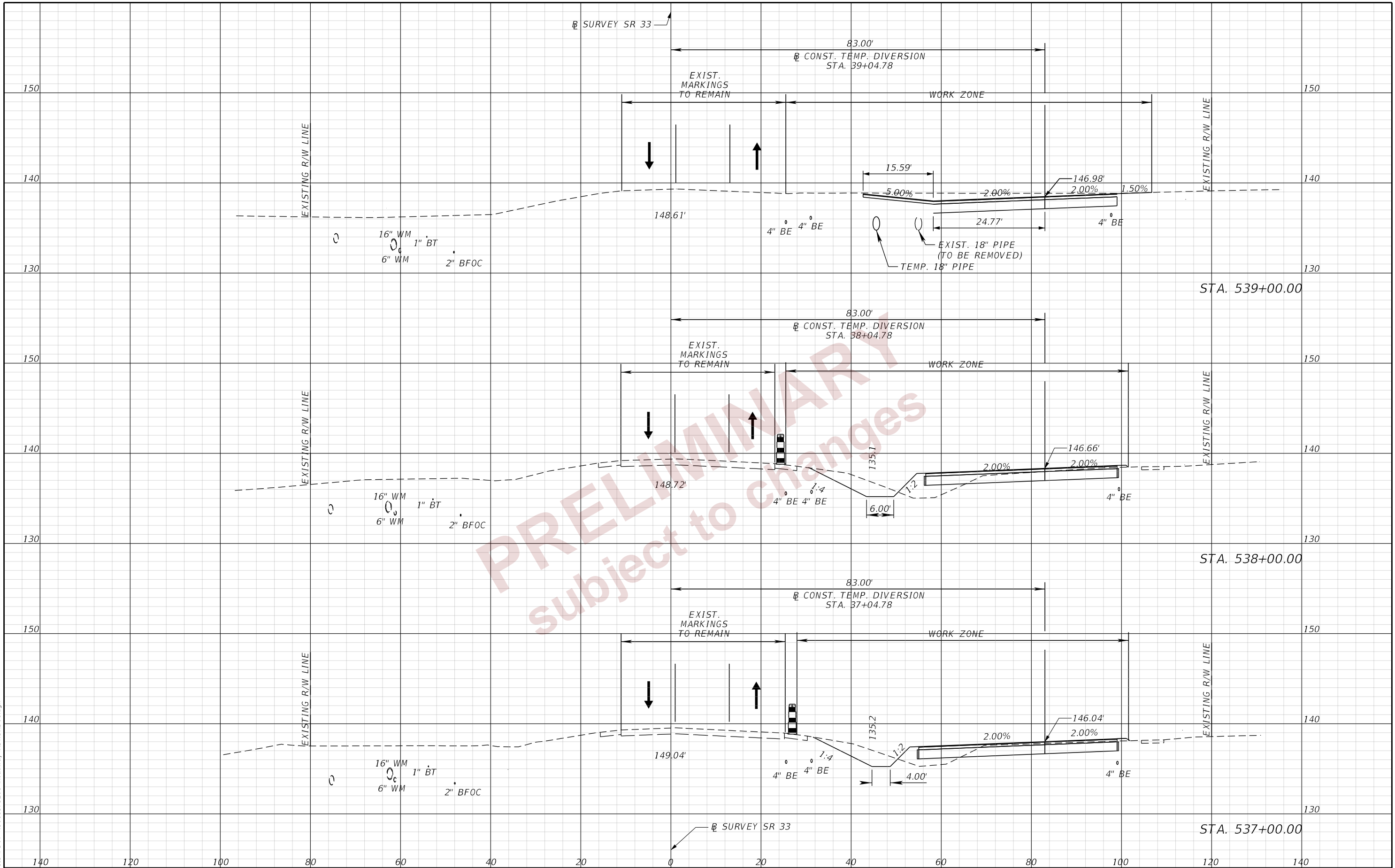


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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (21)	SHEET NO. 72
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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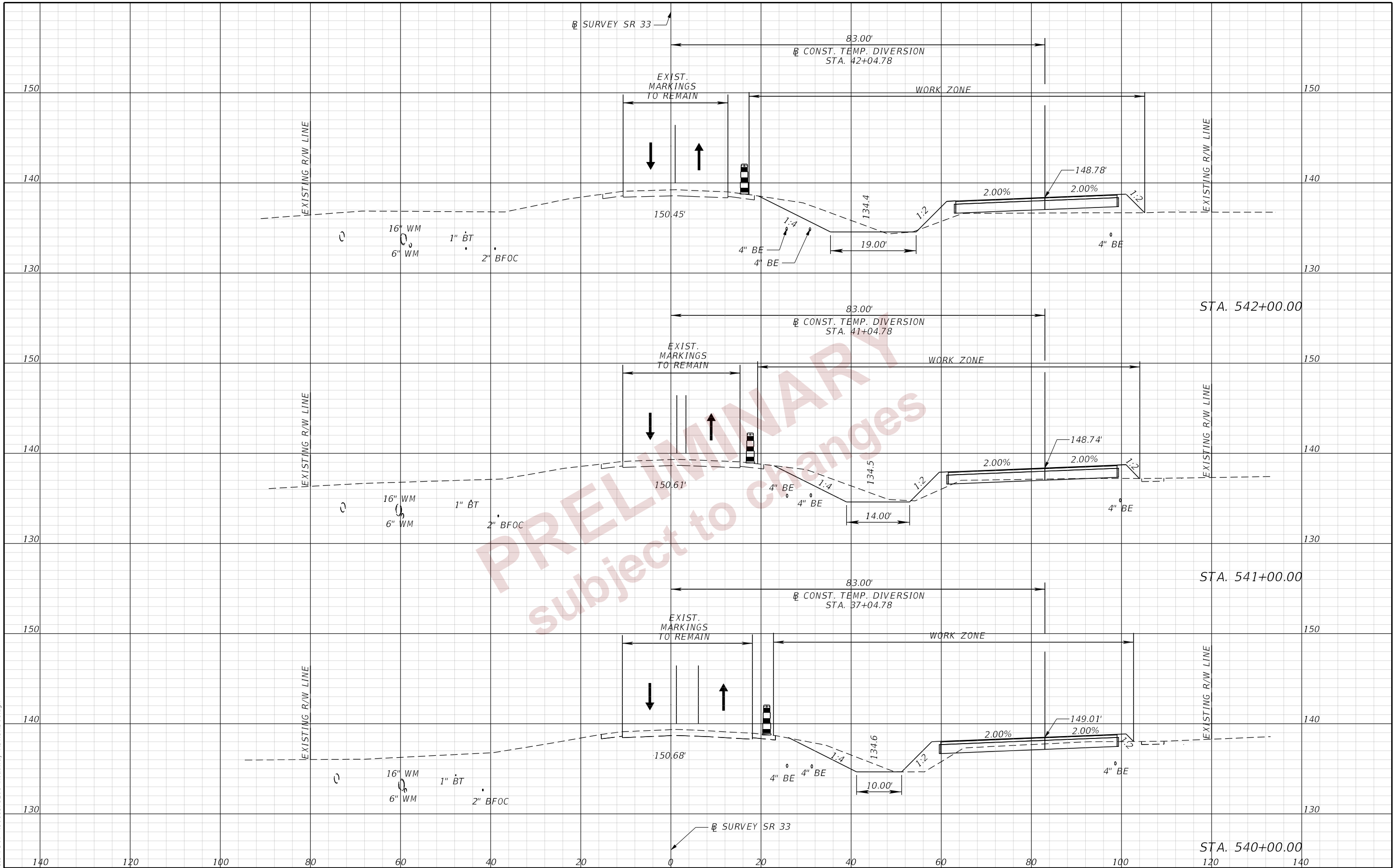
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (22)	SHEET NO. 73
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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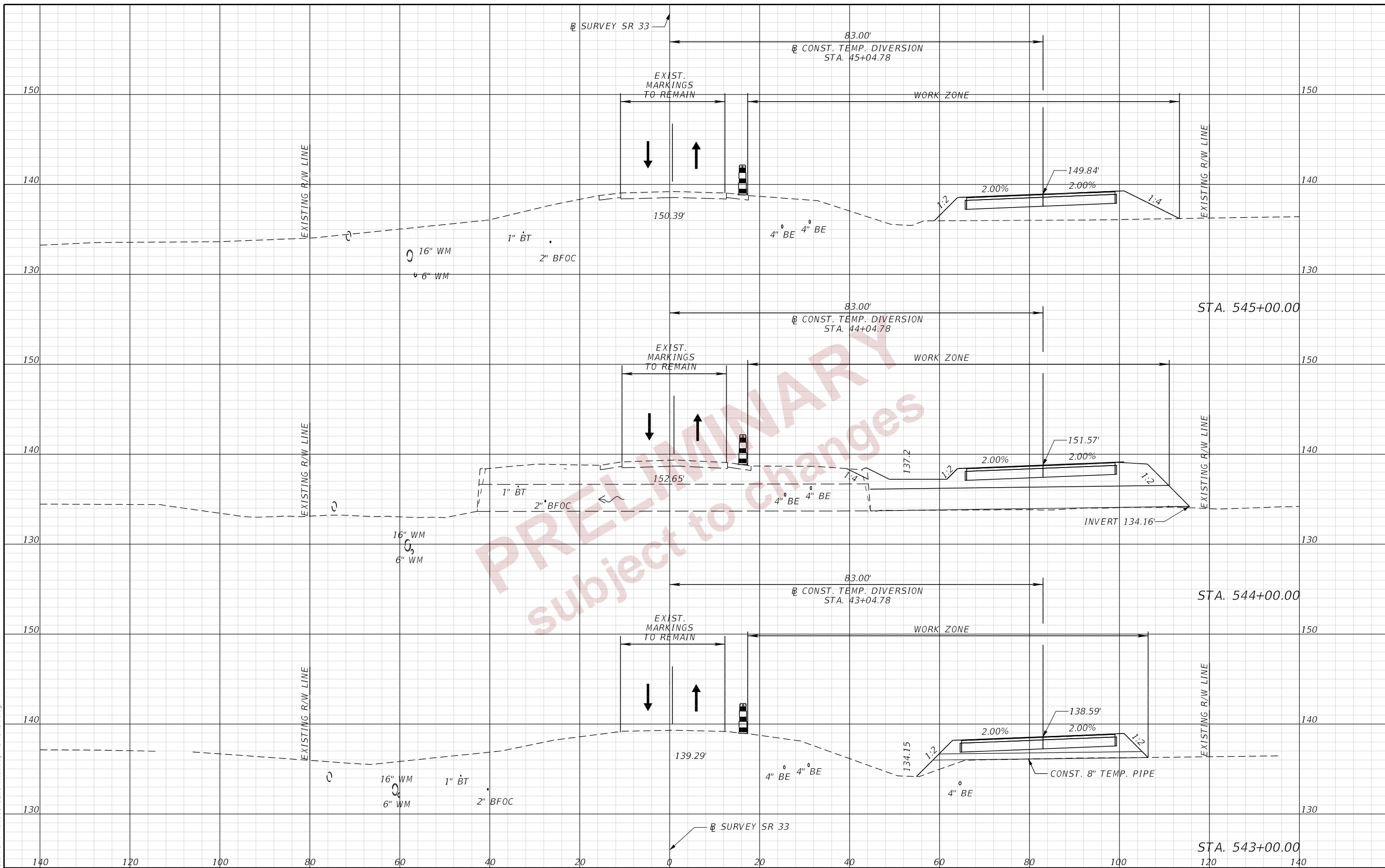
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (23)	SHEET NO. 74
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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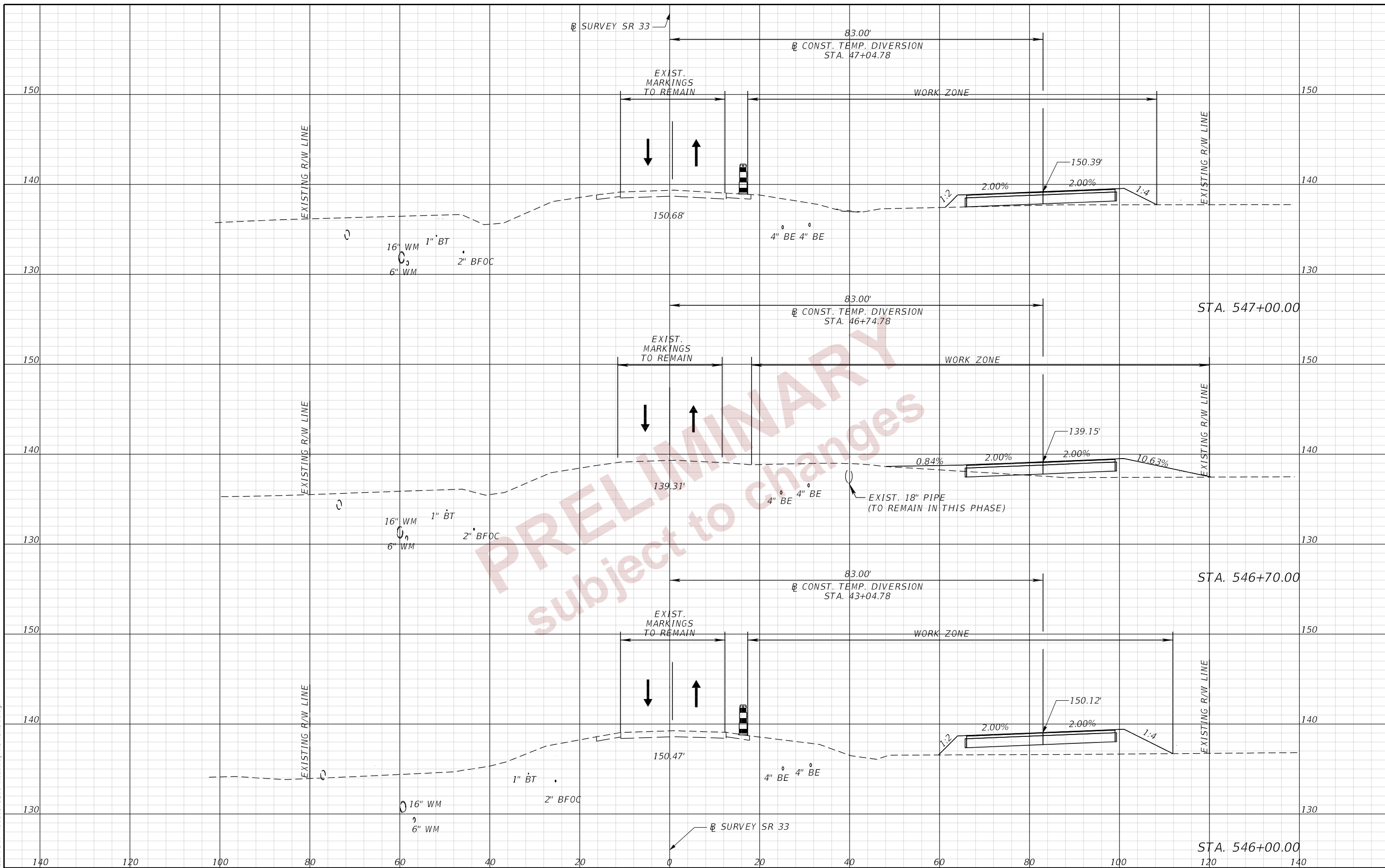
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (2A)	SHEET NO. 75
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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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

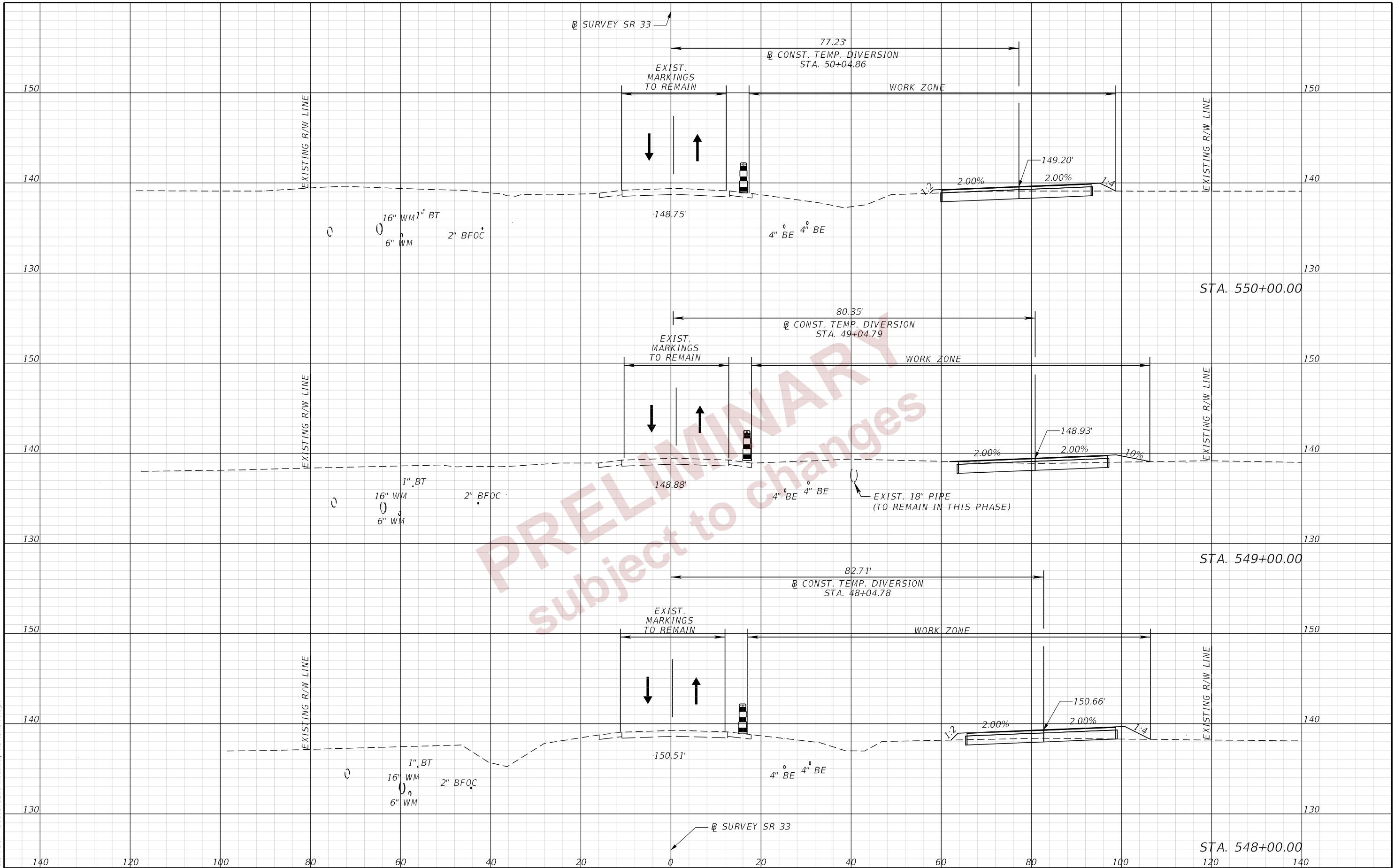
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-7-52-01

TEMP. TRAFFIC CONTROL
PLAN (25)

SHEET NO.
76

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REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLE, INC.
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810

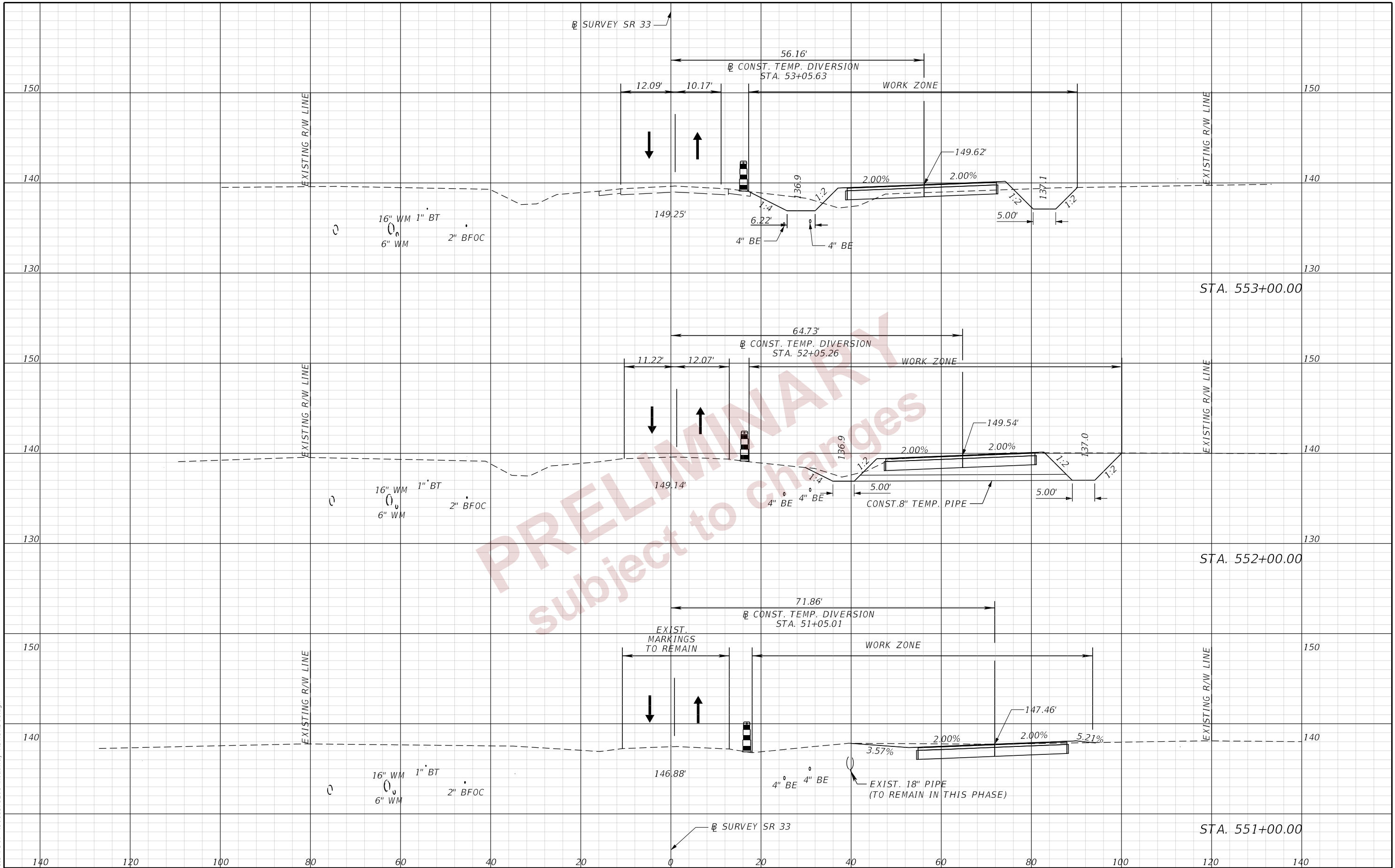
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-7-52-01

**TEMP. TRAFFIC CONTROL
PLAN (26)**

SHEET NO.
77

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 10:22:12 AM ddy
 P:\ORD_FDOT_Works\615\FDOT\43018575201\Roadway\RD\SRD01.dgn



REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
 RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLE, INC.
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810

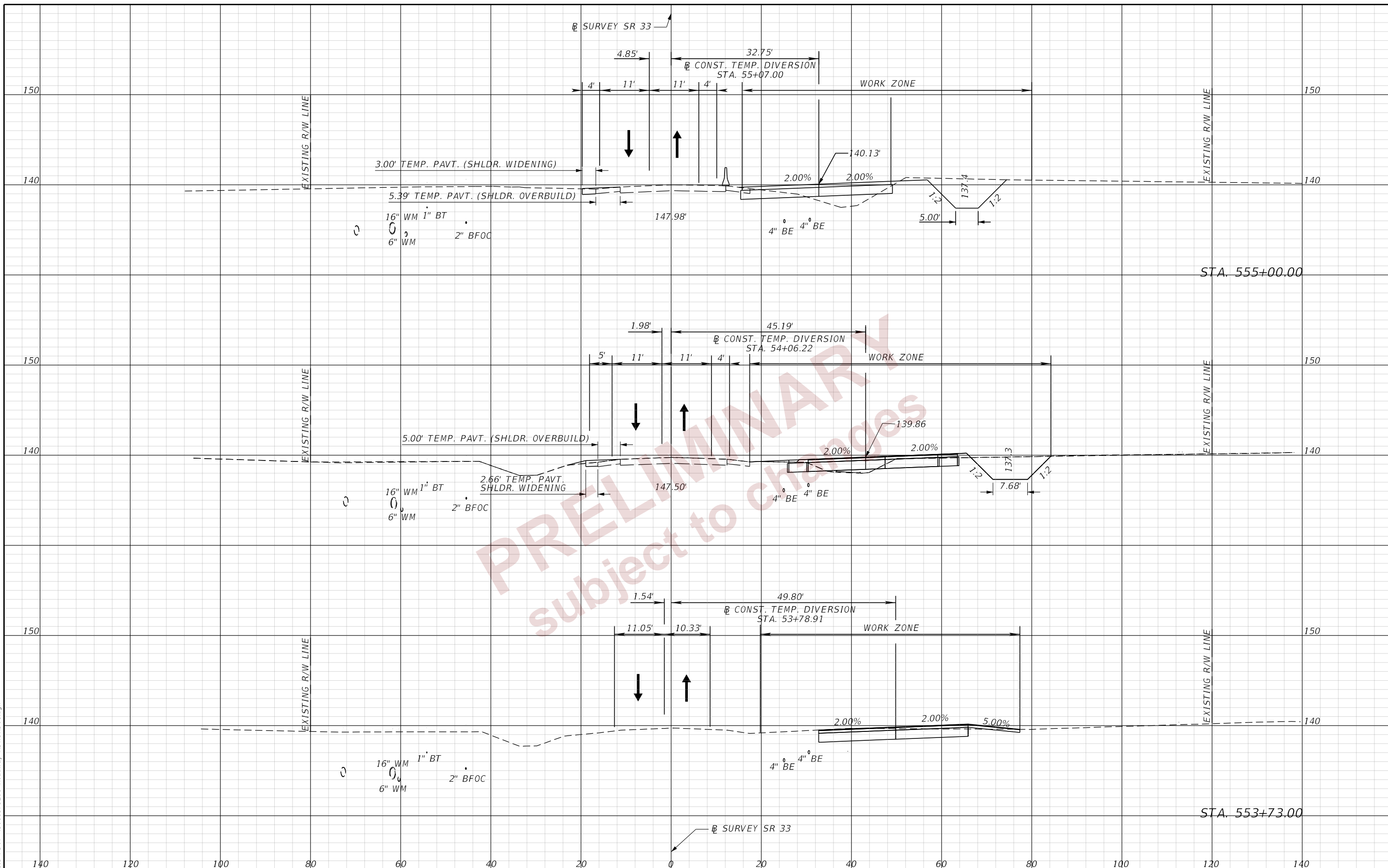
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-7-52-01

**TEMP. TRAFFIC CONTROL
 PLAN (27)**

SHEET NO.
78

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

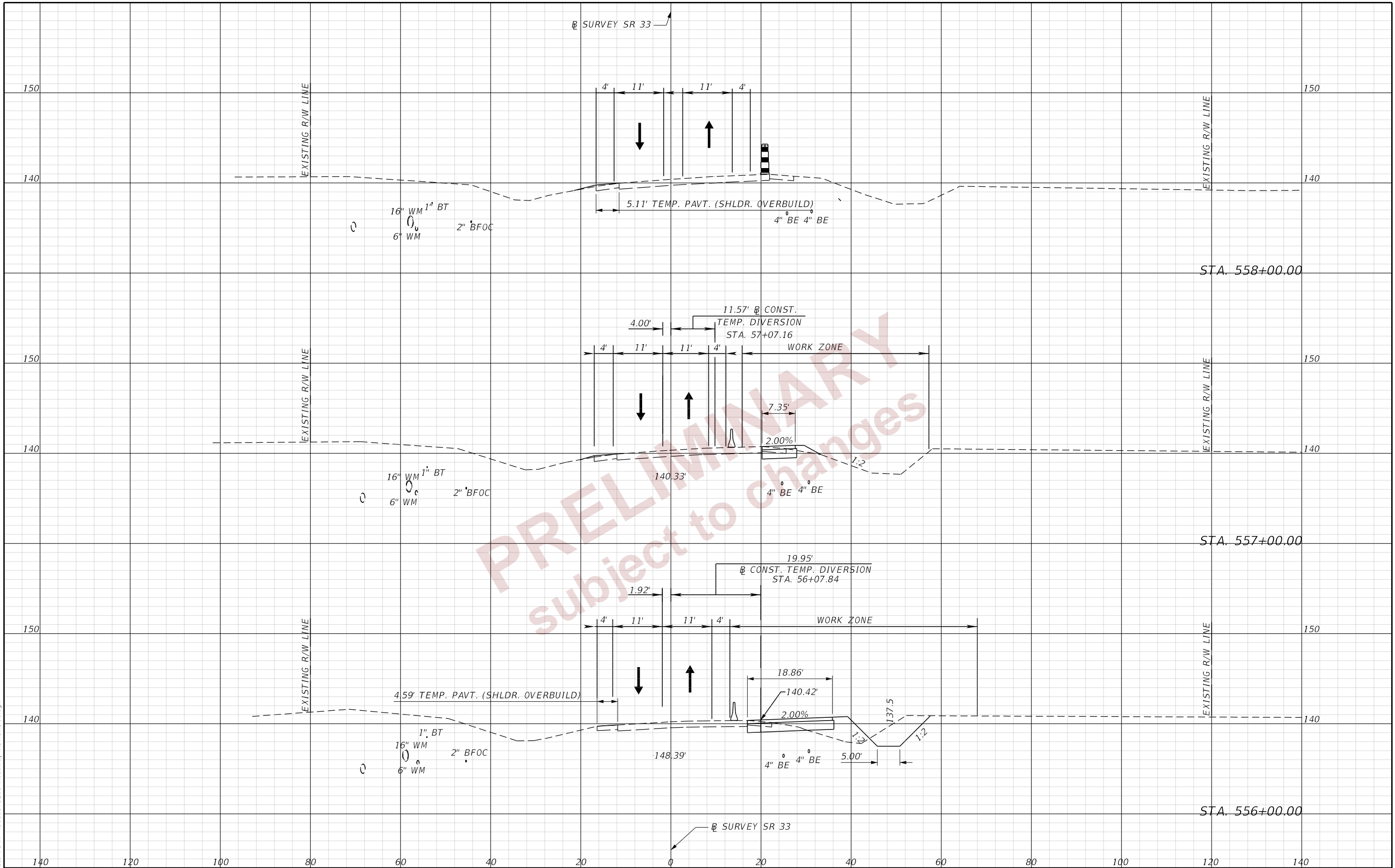
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (28)	SHEET NO. 79
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810	SR 33	POLK	430185-7-52-01		

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

10:22:18 AM day
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PRELIMINARY
 Subject to changes

REVISIONS	
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	430185-7-52-01

**TEMP. TRAFFIC CONTROL
 PLAN (29)**

SHEET NO.
80

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PRELIMINARY
 subject to changes

REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD

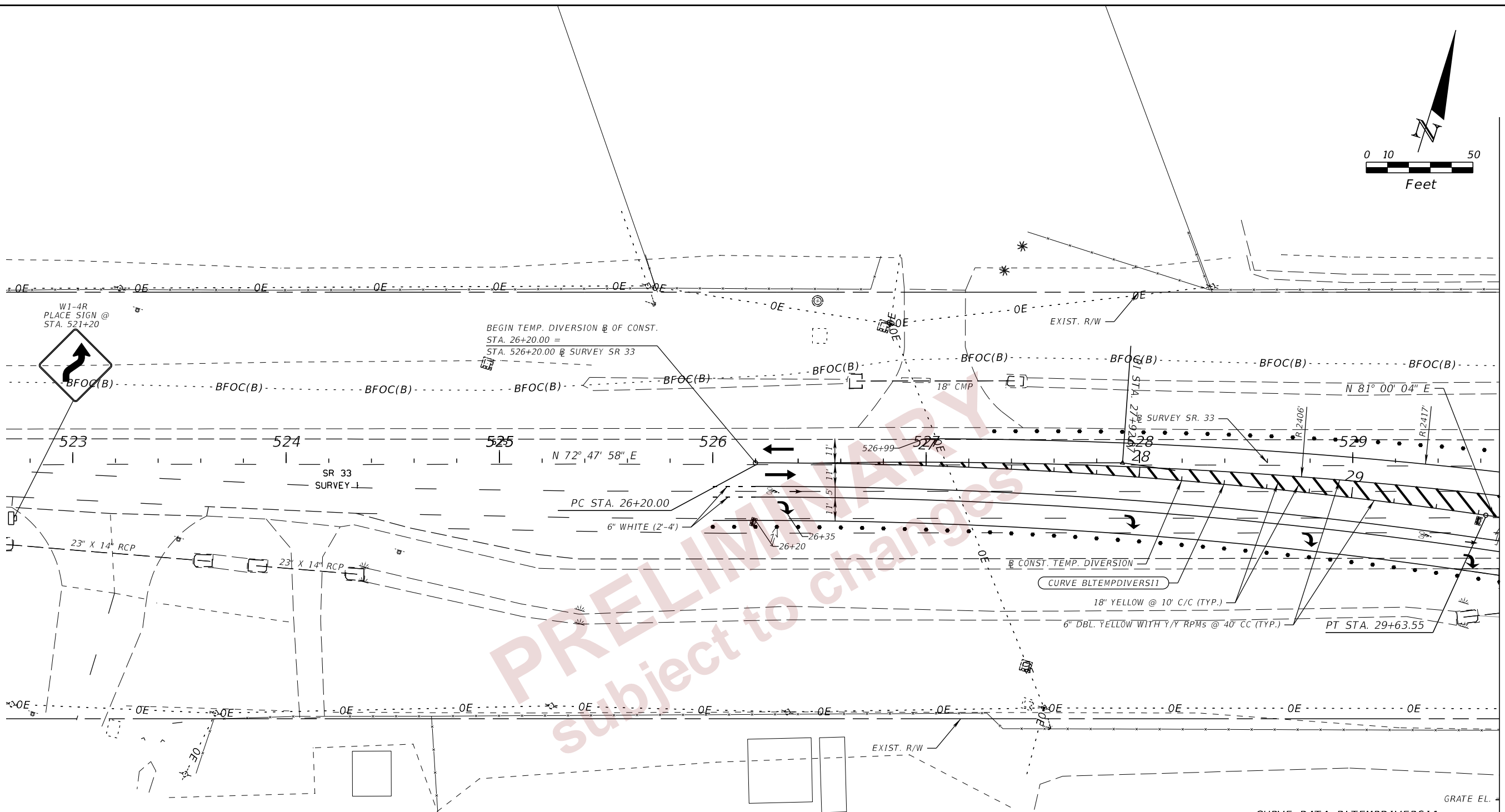
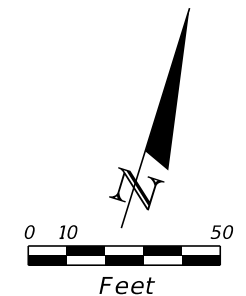
RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLE, INC.
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 33	POLK	430185-7-52-01

TEMP. TRAFFIC CONTROL
 PLAN (30)

SHEET NO.
81

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- LEGEND**
- • • CHANNELIZING DEVICES (INDEX 102-600)
 - ➔ INDICATES TRAFFIC FLOW DIRECTION
 - ↗ TYPICAL WHITE DIRECTION ARROWS

CURVE DATA BLTEMPDIVERSI1
 PI STA. = 27+92.07
 Δ = 8° 12' 06" (RT)
 D = 2° 23' 14"
 T = 172.07
 L = 343.55
 R = 2,400.00
 PC STA. = 26+20.00
 PT STA. = 29+63.55
 e = NC

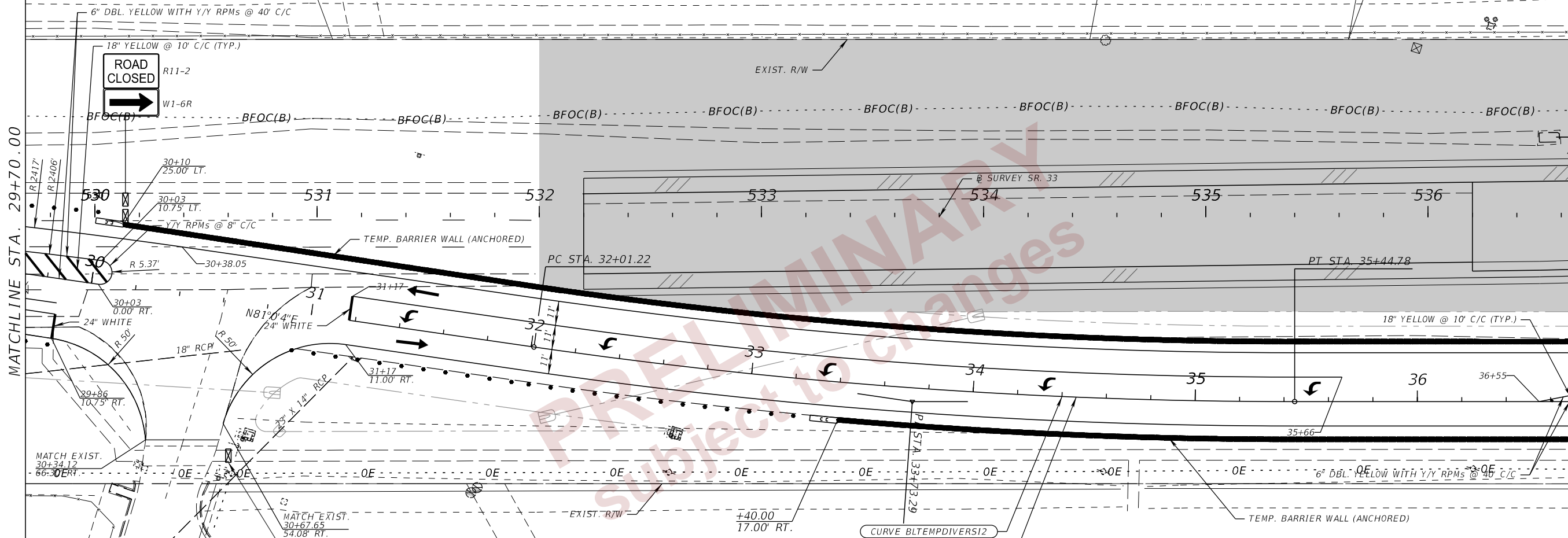
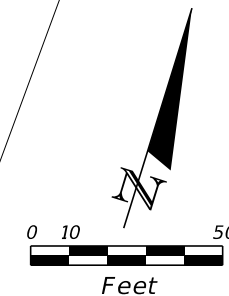
PHASE II

TEMP. TRAFFIC CONTROL PLAN (31)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 82
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	430185-7-52-01	

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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.



PRELIMINARY
 Subject to changes

- LEGEND**
- WORK ZONE
 - CRASH CUSHION
 - TYPE III BARRICADE
 - CHANNELIZING DEVICES (INDEX 102-600)
 - INDICATES TRAFFIC FLOW DIRECTION
 - TYPICAL WHITE DIRECTION ARROWS

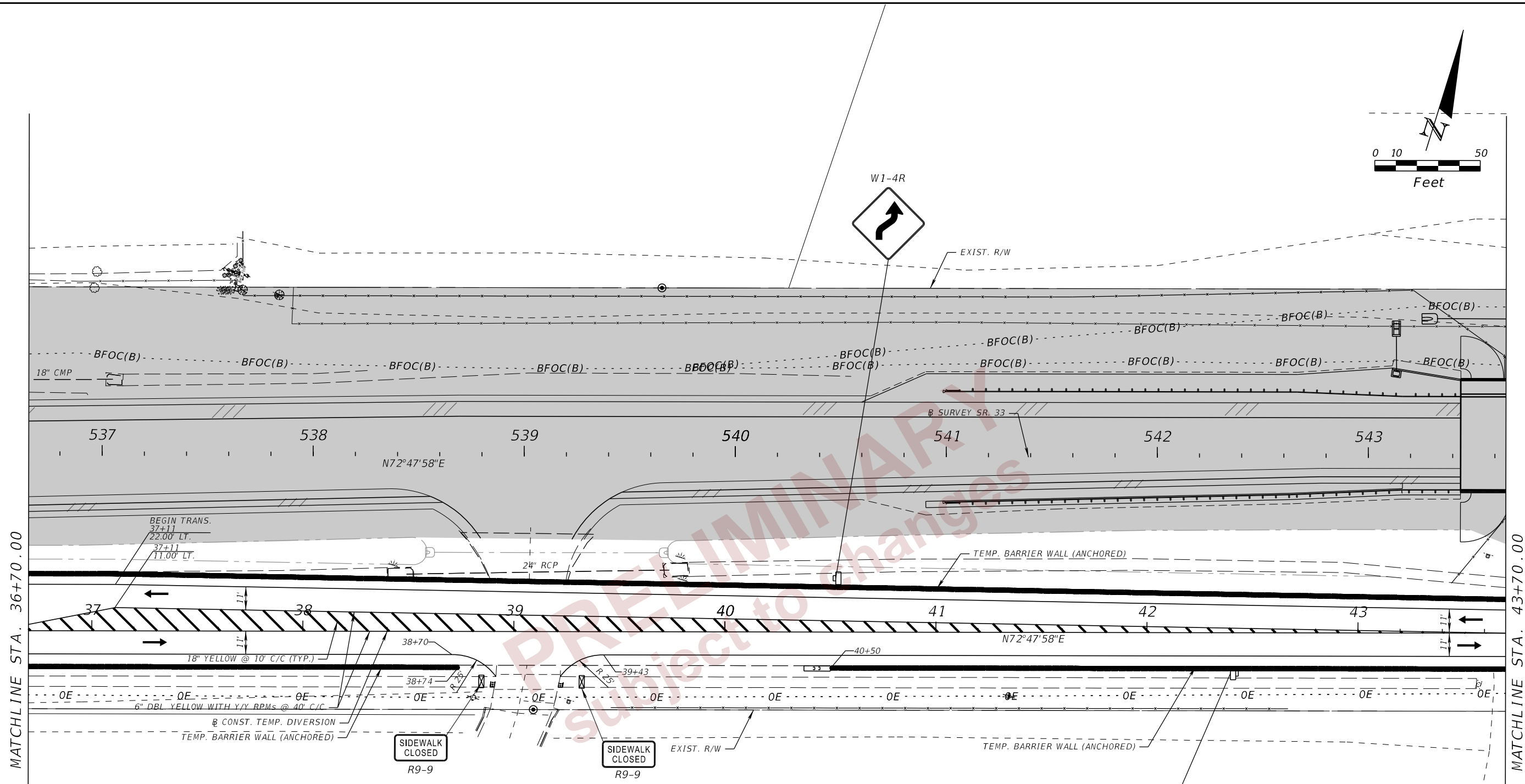
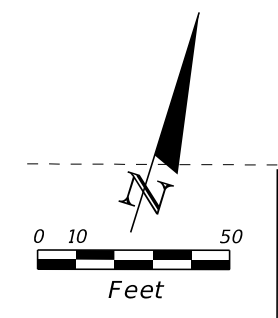
CURVE DATA BLTEMPDIVERS12
 PI STA. = 33+73.29
 Δ = 8° 12' 06" (LT)
 D = 2° 23' 14"
 T = 172.07
 L = 343.55
 R = 2,400.00
 PC STA. = 32+01.22
 PT STA. = 35+44.78
 e = NC






PHASE II

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (32)	SHEET NO. 83
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	430185-7-52-01		

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- LEGEND**
-  WORK ZONE
 -  CRASH CUSHION
 -  TYPE III BARRICADE
 -  CHANNELIZING DEVICES (INDEX 102-600)
 -  INDICATES TRAFFIC FLOW DIRECTION

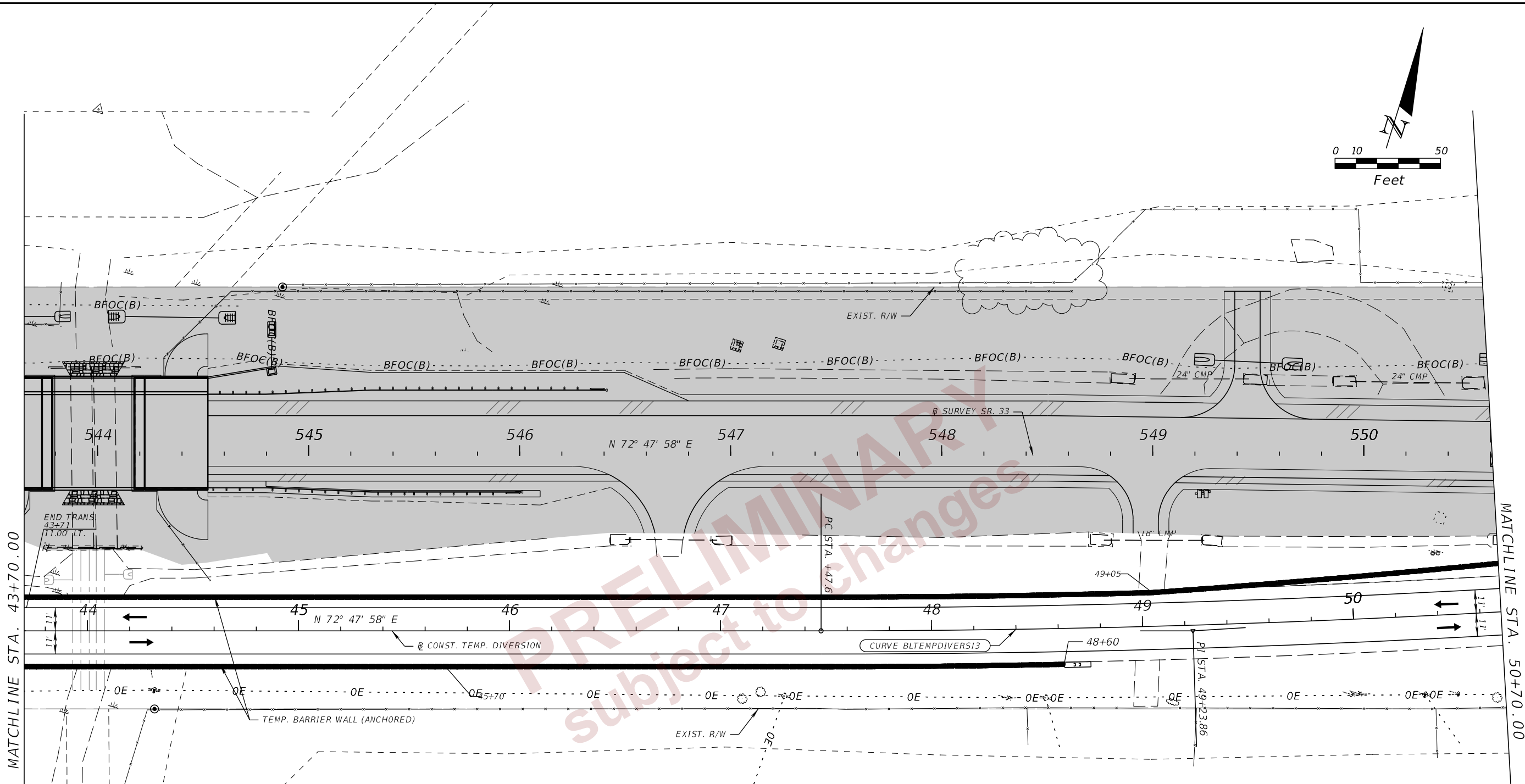
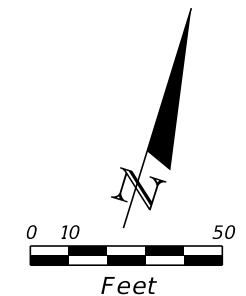
PHASE II

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 84
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	430185-7-52-01	

**TEMP. TRAFFIC CONTROL
PLAN (33)**



PRELIMINARY
 Subject to changes

LEGEND

- ← INDICATES TRAFFIC FLOW DIRECTION
- WORK ZONE
- CRASH CUSHION
- CHANNELIZING DEVICES (INDEX 102-600)

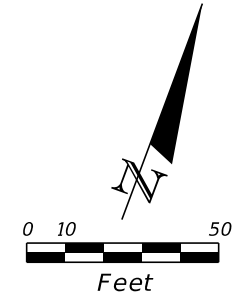
CURVE DATA BLTEMPDIVERS13
 PI STA. = 49+96.86
 Δ = 03° 31' 25" (LT)
 D = 1° 00' 00"
 T = 176.25
 L = 352.39
 R = 5,730.00
 PC STA. = 47+47.61
 PCC STA. = 51+00.00
 e = NC

PHASE II

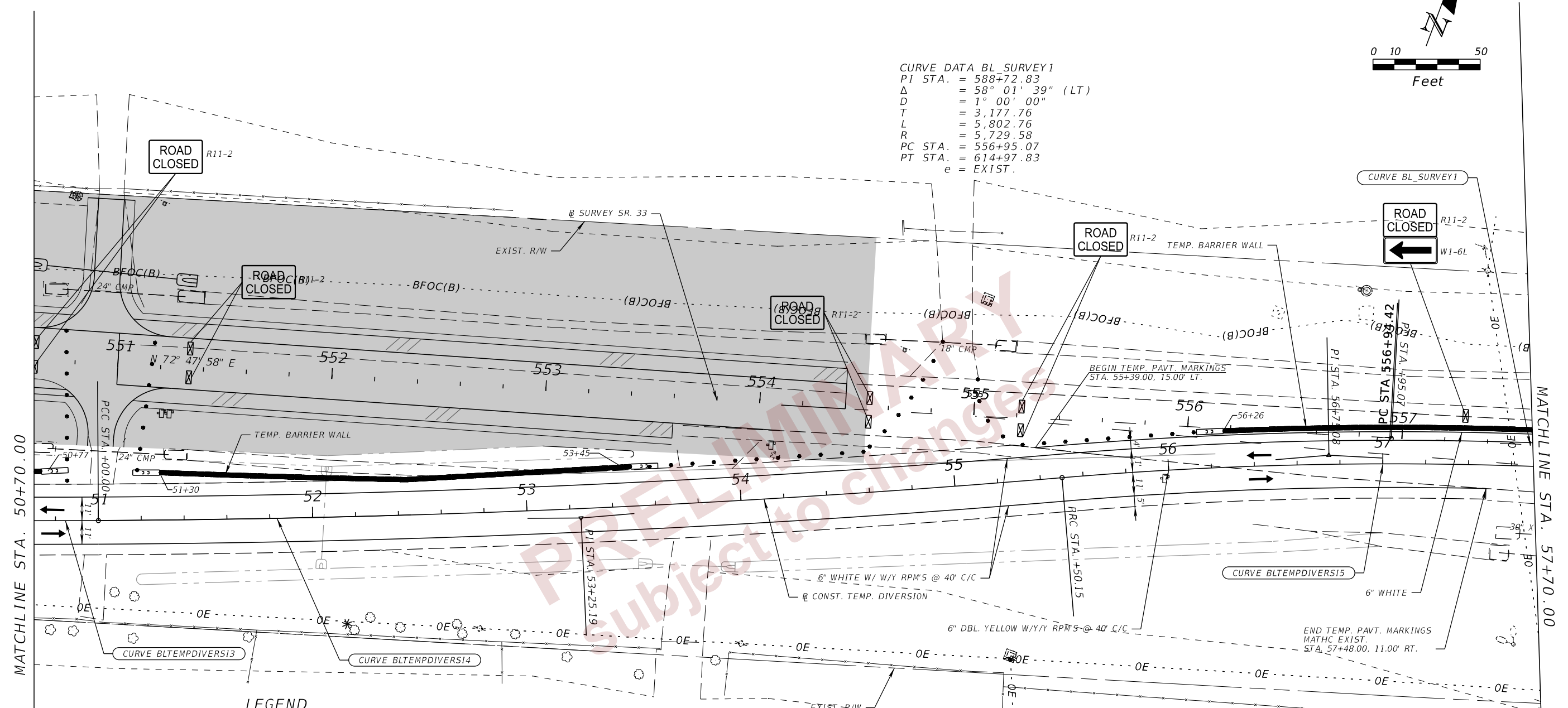
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (34)	SHEET NO. 85
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN J. WILLIAMSON, P.E. LICENSE NUMBER 81421 BURGESS & NIPLE, INC. 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 33		



CURVE DATA BL_SURVEY1
 PI STA. = 588+72.83
 Δ = 58° 01' 39" (LT)
 D = 1° 00' 00"
 T = 3,177.76
 L = 5,802.76
 R = 5,729.58
 PC STA. = 556+95.07
 PT STA. = 614+97.83
 e = EXIST.



- LEGEND**
- ← DIRECTION OF TRAFFIC
 - WORK ZONE
 - CRASH CUSHION
 - CHANNELIZING DEVICES (INDEX 102-600)
 - ⊠ TYPE III BARRICADE

CURVE DATA BLTEMPDIVERS13
 PI STA. = 49+96.87
 Δ = 03° 31' 25" (LT)
 D = 1° 00' 00"
 T = 176.25
 L = 352.39
 R = 5,730.00
 PC STA. = 47+47.61
 PCC STA. = 51+00.00
 e = NC

CURVE DATA BLTEMPDIVERS14
 PI STA. = 53+25.19
 Δ = 4° 30' 04" (LT)
 D = 1° 00' 00"
 T = 225.19
 L = 450.15
 R = 5,730.00
 PCC STA. = 51+00.00
 PRC STA. = 55+50.15
 e = NC

CURVE DATA BLTEMPDIVERS15
 PI STA. = 56+75.08
 Δ = 7° 46' 06" (RT)
 D = 3° 06' 50"
 T = 124.93
 L = 249.47
 R = 1,840.00
 PRC STA. = 55+50.15
 PRC STA. = 57+99.16
 e = NC

PHASE II

TEMP. TRAFFIC CONTROL PLAN (35)

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	430185-7-52-01	86

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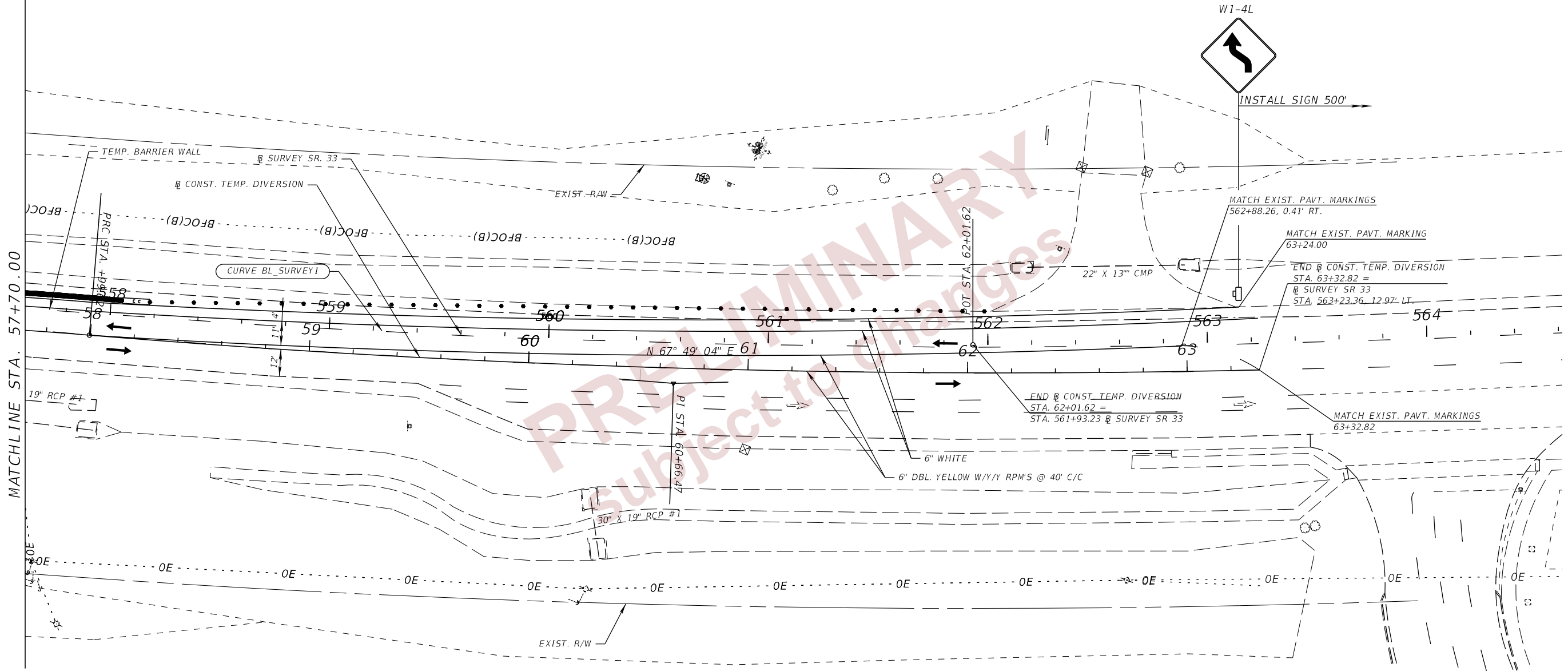
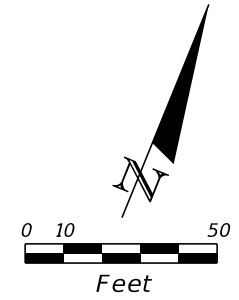
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LEGEND

- ← INDICATES TRAFFIC FLOW DIRECTION
- CC CRASH CUSHION
- CHANNELIZING DEVICES (INDEX 102-600)

CURVE DATA BLTEMPDIVERS16
 PI STA. = 60+66.47
 Δ = 6° 02' 43" (LT)
 D = 1° 08' 02"
 T = 266.85
 L = 533.20
 R = 5,053.52
 PRC STA. = 57+99.16
 PT STA. = 63+32.82
 e = NC

CURVE DATA BL SURVEY1
 PI STA. = 588+72.83
 Δ = 58° 01' 39" (LT)
 D = 1° 00' 00"
 T = 3,177.76
 L = 5,802.76
 R = 5,729.58
 PC STA. = 556+95.07
 PT STA. = 614+97.83
 e = EXIST.

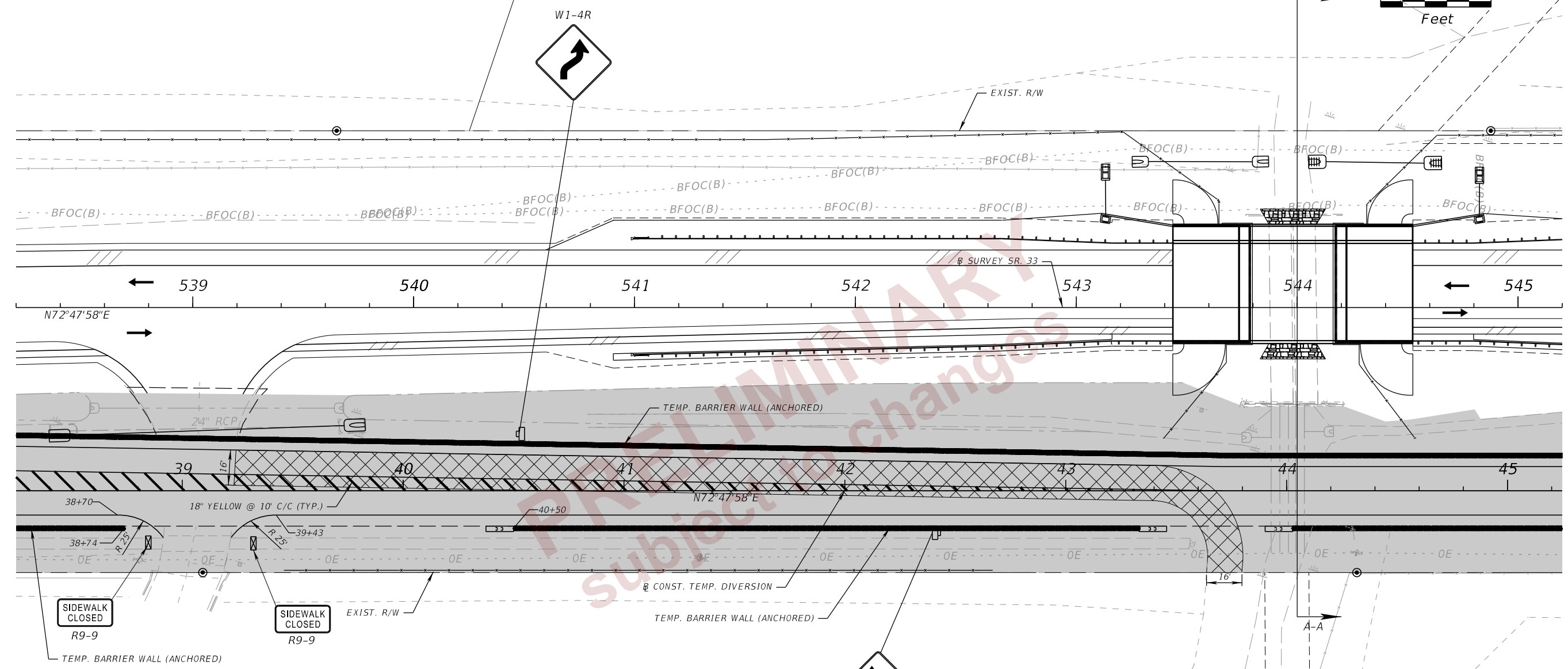
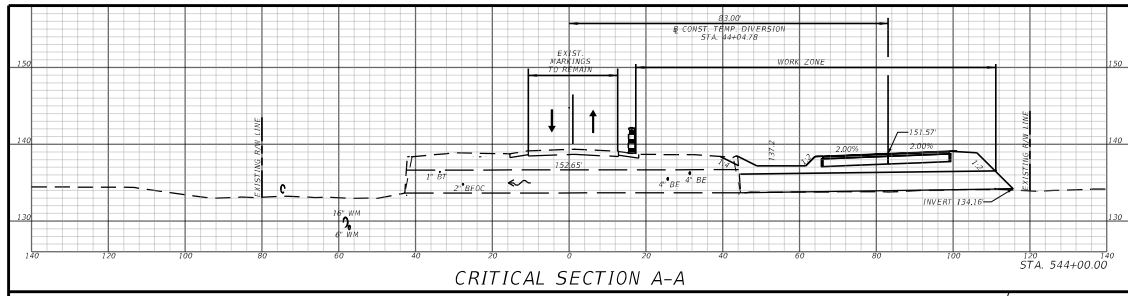








PHASE II

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PLAN (36)	SHEET NO. 87
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	430185-7-52-01		

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- LEGEND**
-  TEMP PAVEMENT TO REMAIN
 -  WORK ZONE
 -  CRASH CUSHION
 -  TYPE III BARRICADE
 -  CHANNELIZING DEVICES (INDEX 102-600)
 -  INDICATES TRAFFIC FLOW DIRECTION

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REVISIONS		ENGINEER OF RECORD	
DATE	DESCRIPTION	DATE	DESCRIPTION

RYAN J. WILLIAMSON, P.E.
 LICENSE NUMBER 81421
 BURGESS & NIPLE, INC.
 1800 PEMROOK DRIVE, SUITE 265
 ORLANDO, FL 32810

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
33	SR 33	430185-7-52-01

**TEMP. TRAFFIC CONTROL
PLAN (37)**

SHEET
NO.
88

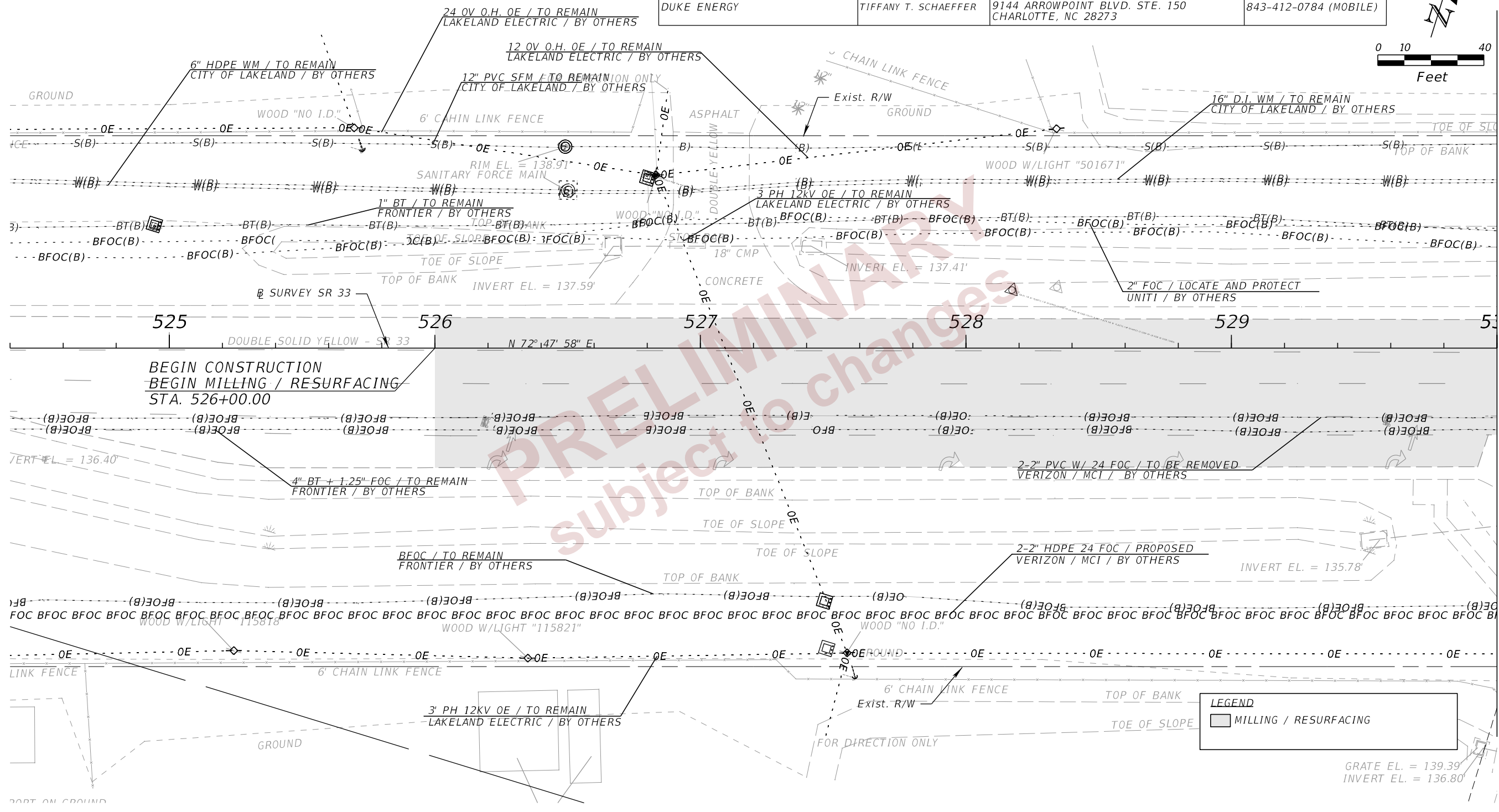
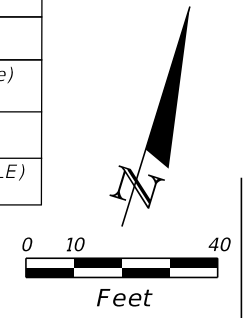
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

NOTES:

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. UTILITY/AGENCY OWNERS:

UTILITY AGENCY/OWNER TABLE			
AGENCY/OWNER	CONTACT PERSONNEL	ADDRESS	PHONE
FRONTIER COMMUNICATIONS	FRED VALDES	120 E. Lime St. Lakeland, Fl. 33801	863-688-971 (Work)
LAKELAND ELECTRIC	HANNAH GREENFIELD	501 E. Lemon St. LE-ROWLakeland, Fl. 33801	863-834-6428 (Work)
CITY OF LAKELAND (WATER & SEWER)	JIM LILLY, EI	501 E. Lemon St. W-ADMIN/Eng.Lakeland, Fl. 33801	863-834-6175 (Work)
VERIZON / MCI	ANDY COLE	7701 E. Telecom Parkway Temple Terrace, FL 33637	813-847-4037 (Mobile)
UNITI / SOUTHERN LIGHT	TERRY YOUNG	805 Executive Center Dr, Suite 110 St. Petersburg, Fl. 33702	251-422-3872 (Work)
DUKE ENERGY	TIFFANY T. SCHAEFFER	9144 ARROWPOINT BLVD. STE. 150 CHARLOTTE, NC 28273	843-412-0784 (MOBILE)

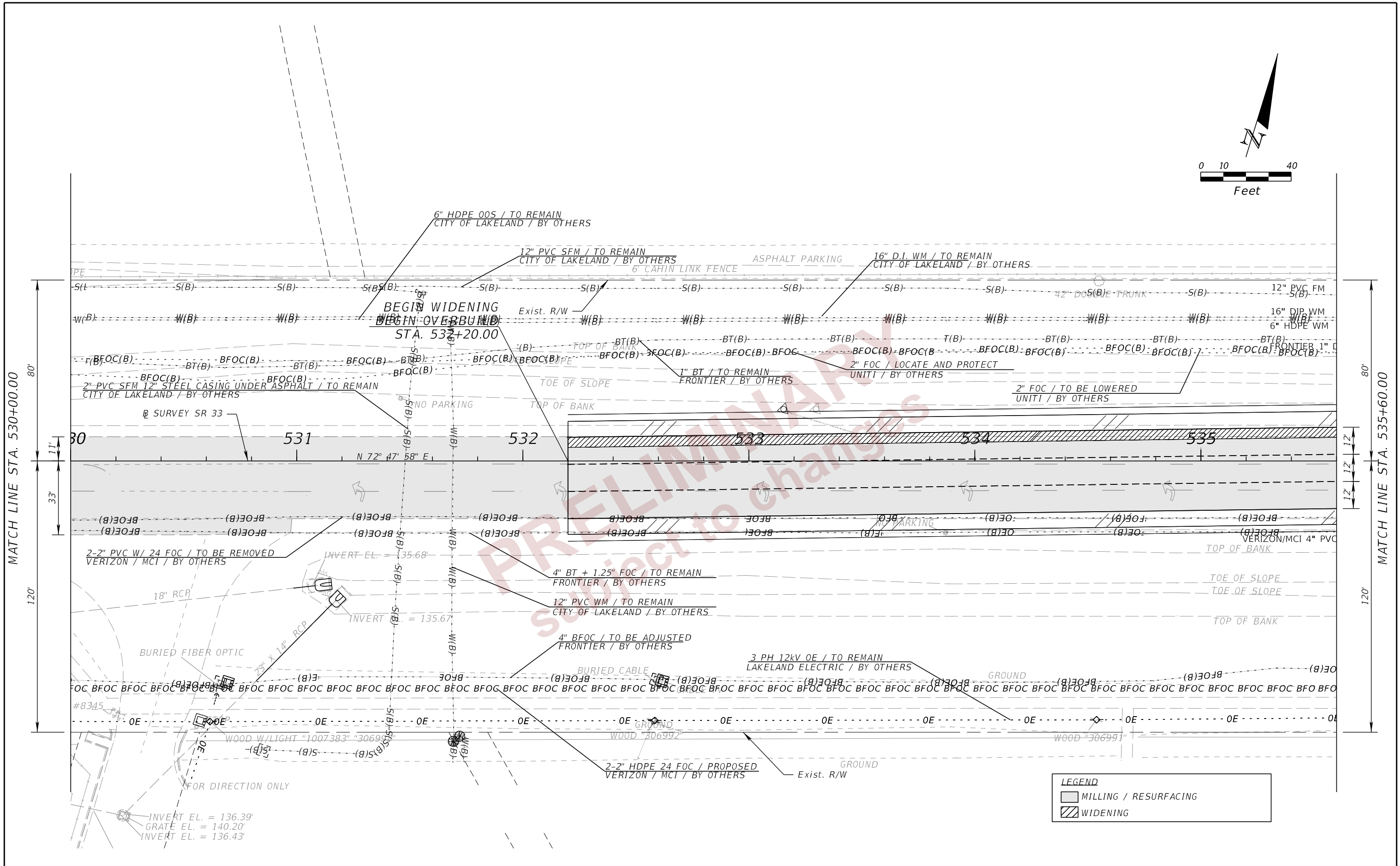
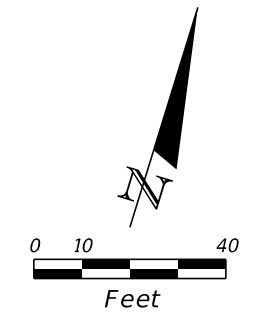


MATCH LINE STA. 530+00.00

LEGEND	
	MILLING / RESURFACING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 89
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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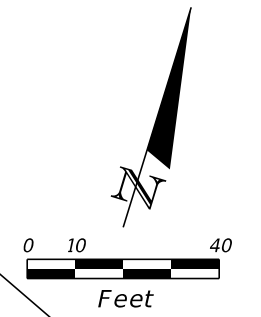
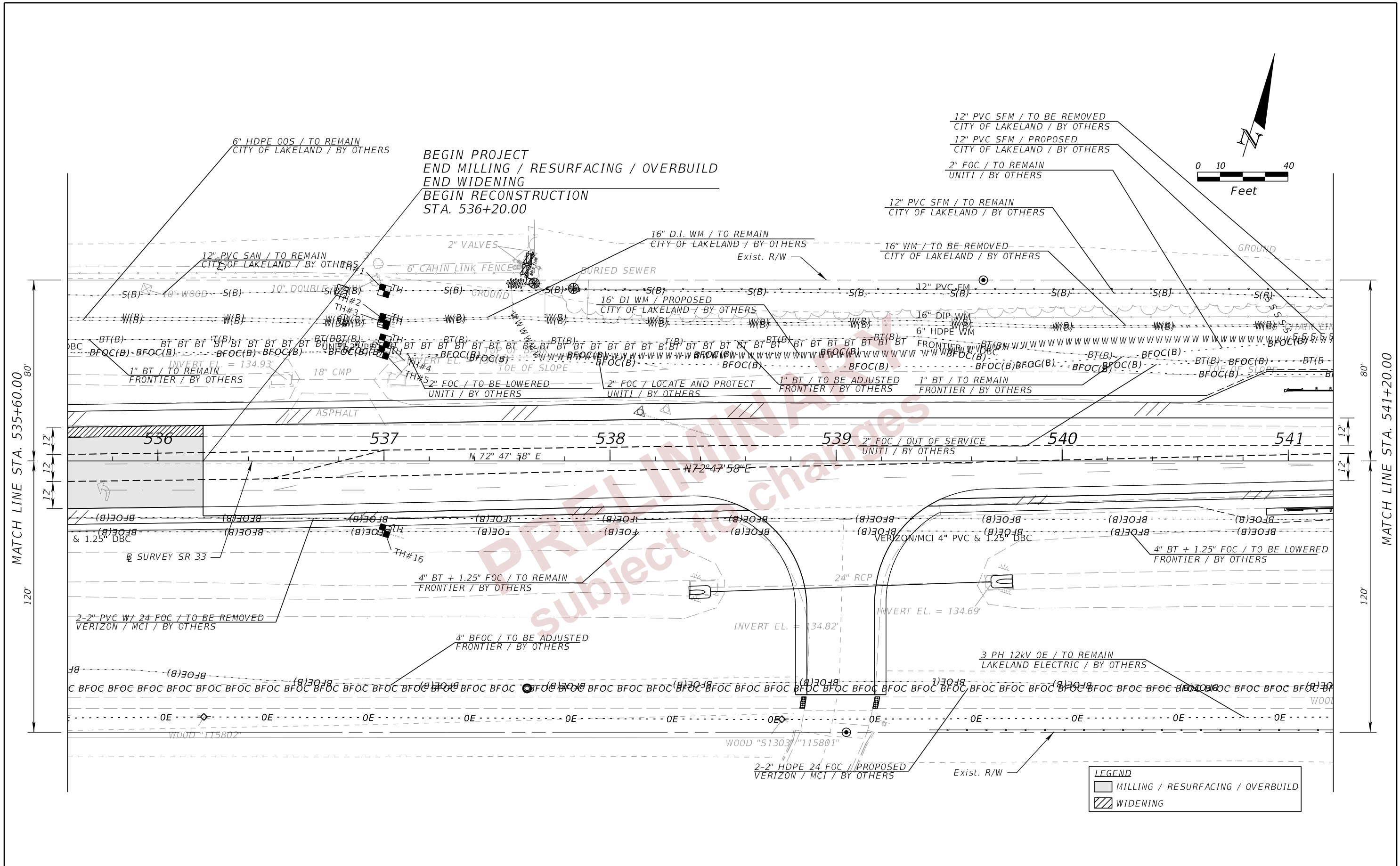


LEGEND	
	MILLING / RESURFACING
	WIDENING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 90
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 (2)

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

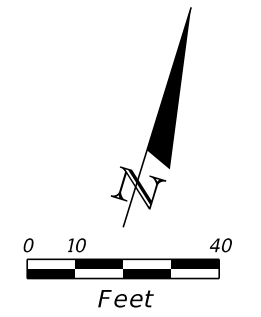
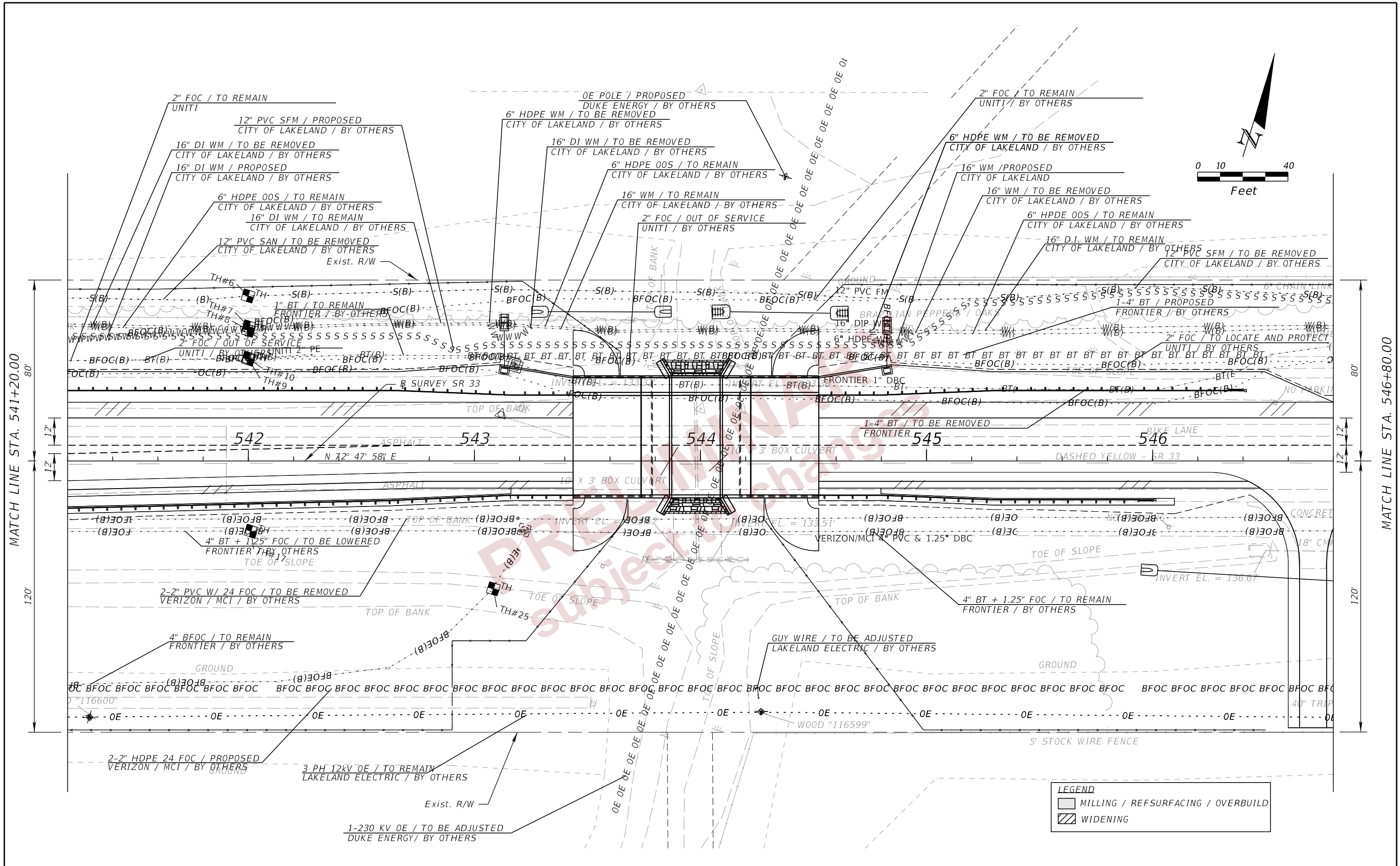


BEGIN PROJECT
 END MILLING / RESURFACING / OVERBUILD
 END WIDENING
 BEGIN RECONSTRUCTION
 STA. 536+20.00

LEGEND	
	MILLING / RESURFACING / OVERBUILD
	WIDENING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 91
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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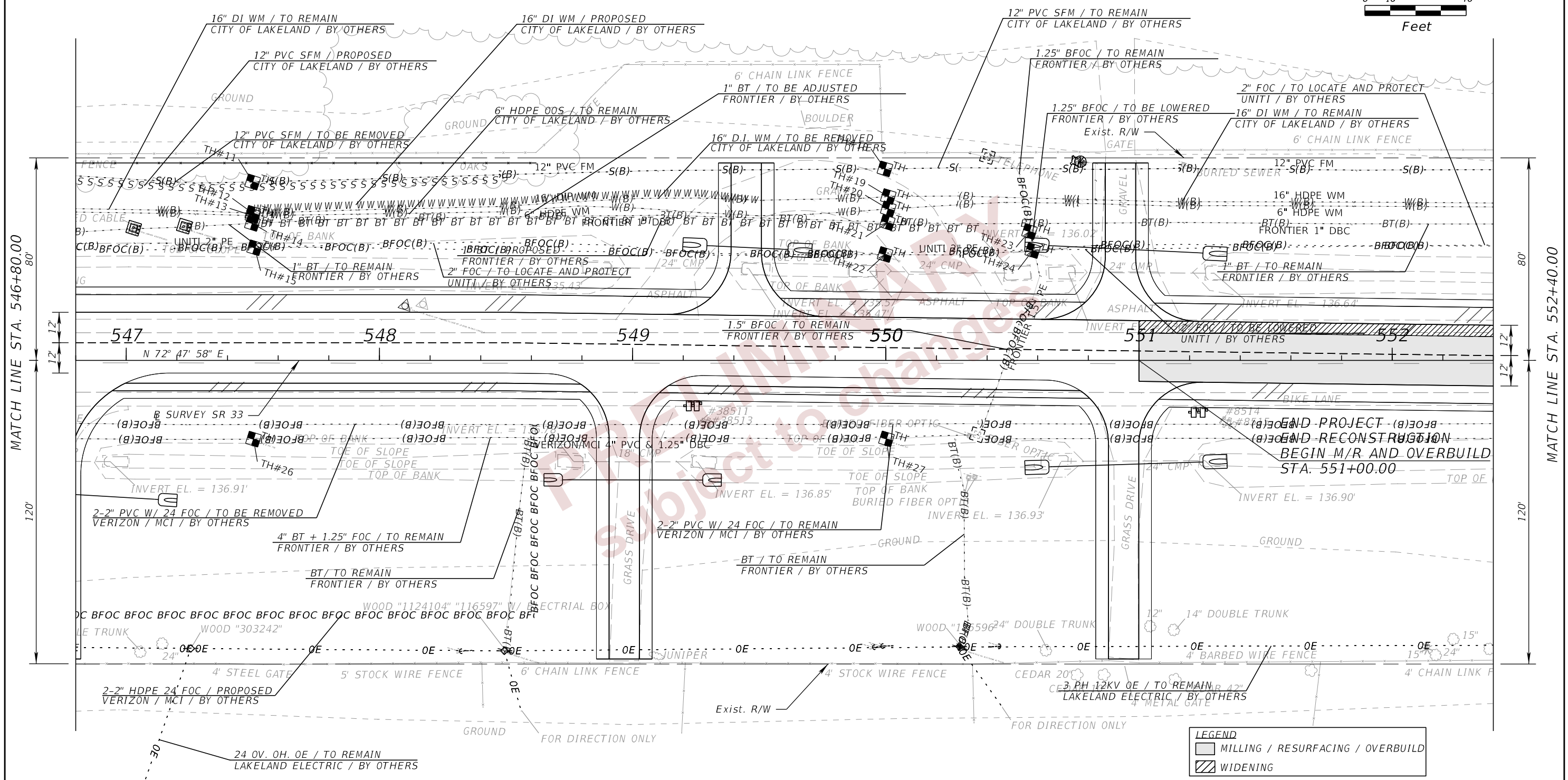
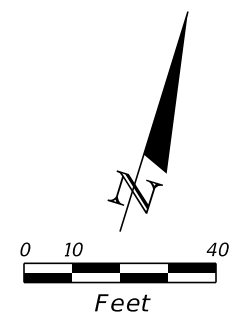
MATCH LINE STA. 541+20.00

MATCH LINE STA. 546+80.00

LEGEND	
	MILLING / REFSURFACING / OVERBUILD
	WIDENING

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	UTILITY ADJUSTMENTS (4) 92
					SR 33	POLK	430185-7-52-01	

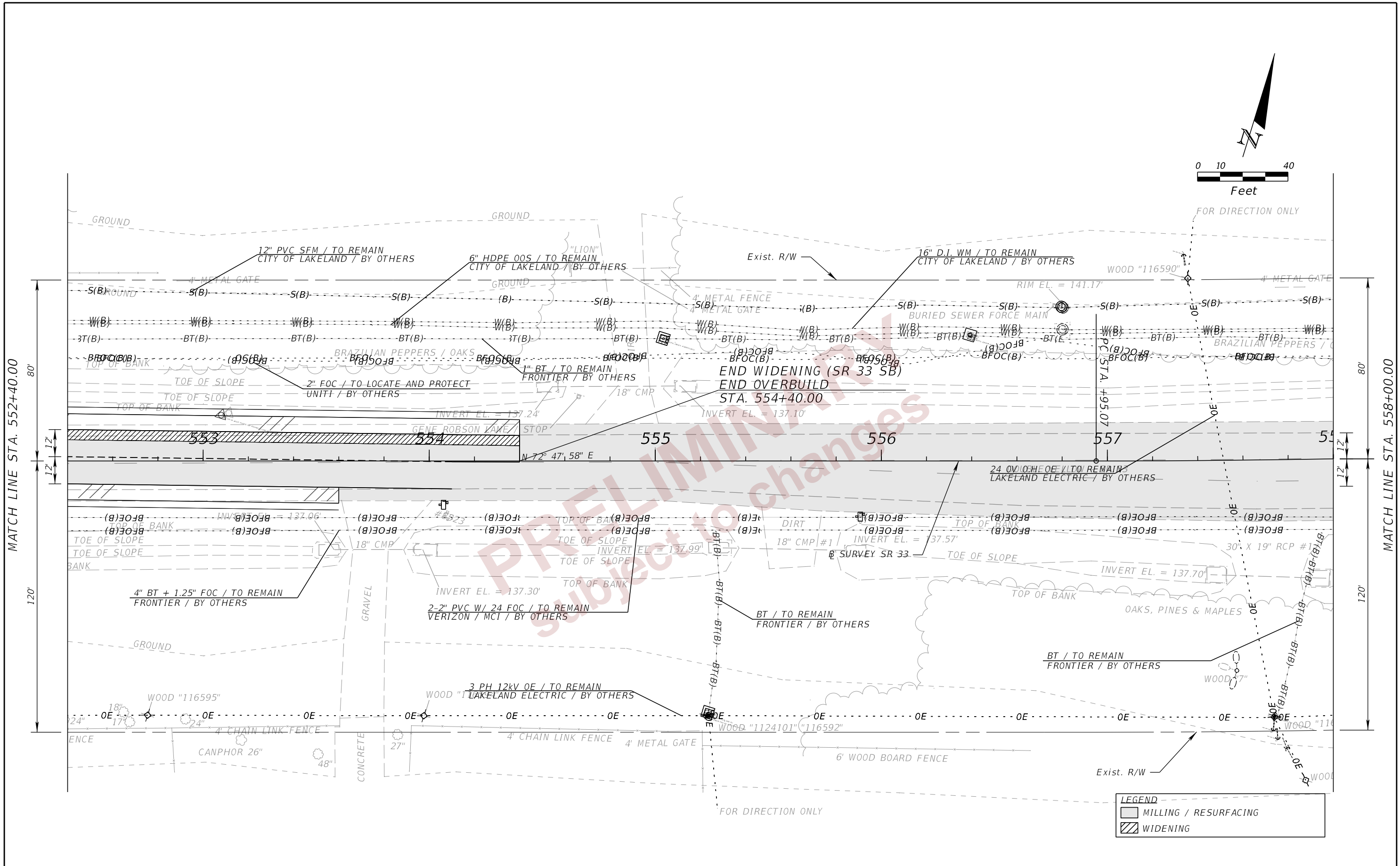
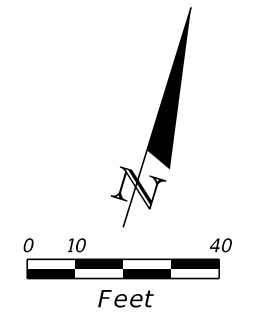
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND	
	MILLING / RESURFACING / OVERBUILD
	WIDENING

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	430185-7-52-01	93

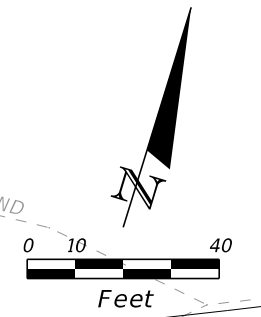
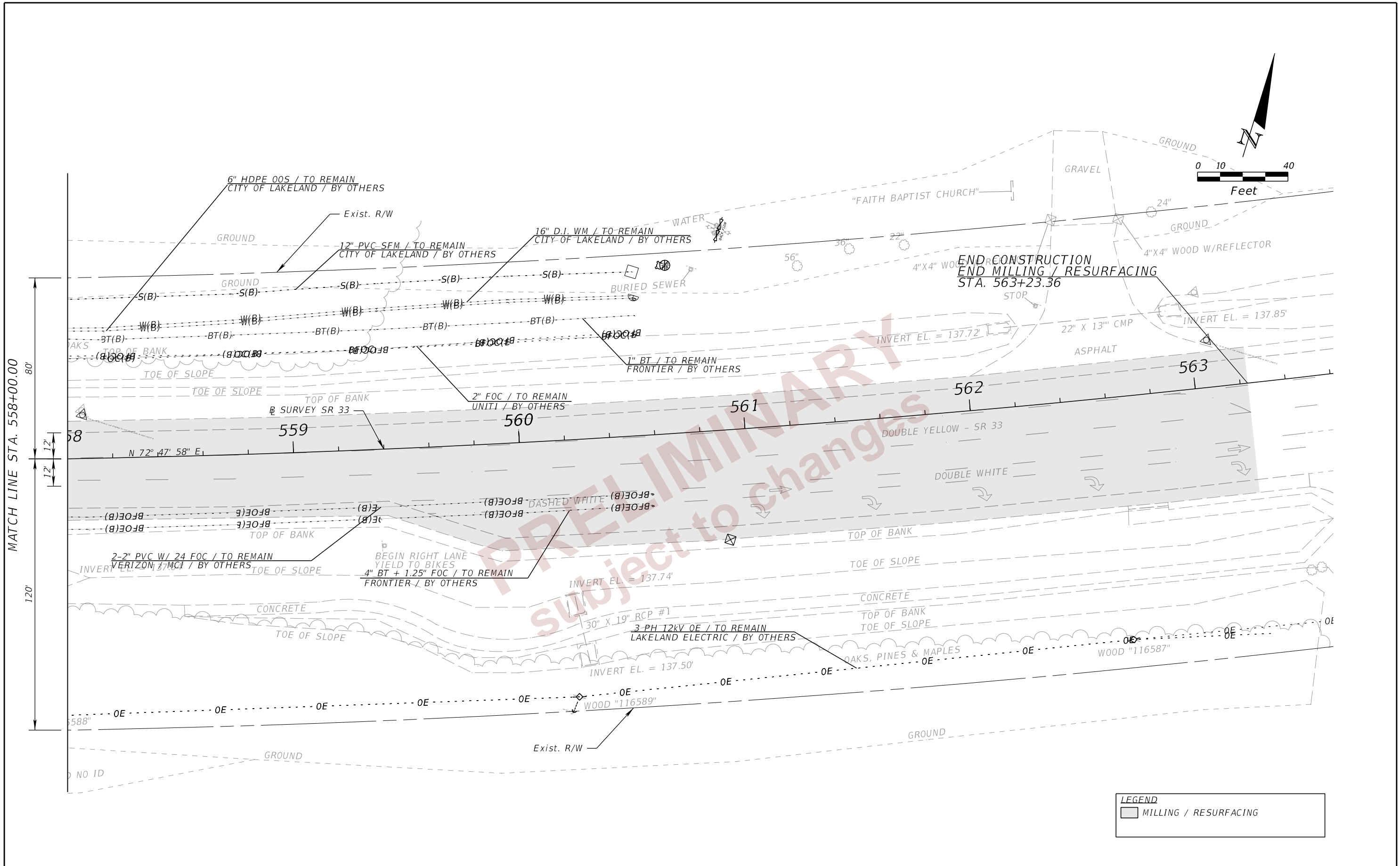
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LEGEND	
	MILLING / RESURFACING
	WIDENING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 94
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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MATCH LINE STA. 558+00.00

PRELIMINARY
Subject to changes

LEGEND	
	MILLING / RESURFACING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (7)	SHEET NO. 95
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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TH NO	TH DATE	UTILITY TYPE	UTILITY MATERIAL	UTILITY DIRECTION	UTILITY WIDTH (FIELD)	APPARENT UTILITY OWNER	CROSS SECTION	RM NORTHING	RM EASTING	RM ELEVATION	RM LOCATION	RM MARKED BY	RM STATION	RM OFFSET	DEPTH RM TO TOP OF UTILITY	DEPTH RM TO BTM OF UTILITY	ELEV. TOP OF UTILITY	ELEV. BOTTOM OF UTILITY	SURFACE TYPE
TH # 1	6/7/2021	FM	PVC	SOUTHEAST - NORTHWEST	12.00"	CITY OF LAKE LAND	○	1387867.16	696394.29	137.42'	CENTER OF UTILITY	RC	537+00	-	2.60'	-	134.82'	-	NG
TH #2	6/7/2021	WM	DIP	SOUTHEAST - NORTHWEST	16.00"	CITY OF LAKE LAND	○	1387854.78	696398.11	137.56'	CENTER OF UTILITY	RC	537+00	-	2.64'	-	134.92'	-	NG
TH #3	6/7/2021	WM	HDPE	SOUTHEAST - NORTHWEST	6.00"	CITY OF LAKE LAND	○	1387853.67	696398.32	137.58'	CENTER OF UTILITY	RC	537+00	-	3.54'	-	134.04'	-	NG
TH #4	6/7/2021	BT	DBC	SOUTHEAST - NORTHWEST	1.00"	FRONTIER	○	1387846.02	696400.87	137.67'	CENTER OF UTILITY	RC	537+00	-	2.14'	-	135.53'	-	NG
TH #5	6/7/2021	FOC	PE	SOUTHEAST - NORTHWEST	2.00"	UNITI	○	1387840.96	696402.08	137.83'	CENTER OF UTILITY	RC	537+00	-	4.08'	-	133.75'	-	NG
TH #6	6/7/2021	FM	PVC	SOUTHEAST - NORTHWEST	12.00"	CITY OF LAKE LAND	○	1388012.72	696872.31	136.89'	CENTER OF UTILITY	RC	542+00	-	3.18'	-	133.71'	-	NG
TH #7	6/7/2021	WM	DIP	SOUTHEAST - NORTHWEST	16.00"	CITY OF LAKE LAND	○	1387999.76	696876.58	136.38'	CENTER OF UTILITY	RC	542+00	-	2.58'	-	133.80'	-	NG
TH #8	6/7/2021	WM	HDPE	SOUTHEAST - NORTHWEST	6.00"	CITY OF LAKE LAND	○	1387998.29	696876.98	136.38'	CENTER OF UTILITY	RC	542+00	-	3.50'	-	132.88'	-	NG
TH #9	6/7/2021	BT	DBC	SOUTHEAST - NORTHWEST	1.00"	FRONTIER	○	1387986.09	696880.76	136.81'	CENTER OF UTILITY	RC	542+00	-	2.32'	-	134.49'	-	NG
TH #10	6/8/2021	FOC	PE	SOUTHEAST - NORTHWEST	2.00"	UNITI	○	1387986.48	696880.60	136.86'	CENTER OF UTILITY	RC	542+00	-	6.01'	-	130.85'	-	NG
TH #11	6/8/2021	FM	PVC	SOUTHEAST - NORTHWEST	12.00"	CITY OF LAKE LAND	○	1388173.01	697398.51	136.63'	CENTER OF UTILITY	RC	547+50	-	2.58'	-	134.05'	-	-
TH #12	6/8/2021	WM	DIP	SOUTHEAST - NORTHWEST	16.00"	CITY OF LAKE LAND	○	1388161.21	697402.23	137.04'	CENTER OF UTILITY	RC	547+50	-	3.80'	-	133.24'	-	NG
TH #13	6/8/2021	WM	HDPE	SOUTHEAST - NORTHWEST	6.00"	CITY OF LAKE LAND	○	1388160.32	697402.53	137.00'	CENTER OF UTILITY	RC	547+50	-	4.70'	-	132.30'	-	NG
TH #14	6/8/2021	BT	DBC	SOUTHEAST - NORTHWEST	1.00"	FRONTIER	○	1388157.36	697403.21	137.08'	CENTER OF UTILITY	RC	547+50	-	2.28'	-	134.80'	-	NG
TH #15	6/8/2021	FOC	PE	SOUTHEAST - NORTHWEST	2.00"	UNITI	○	1388148.41	697406.94	137.09'	CENTER OF UTILITY	RC	547+50	-	3.28'	-	133.81'	-	NG
TH #16	6/8/2021	FOC	PVC/DBC	SOUTHEAST - NORTHWEST	4"/1.25"	MCIVERIZON	○○	1387765.78	696425.76	138.55'	CENTER OF UTILITY	ND	537+00	-	2.67'	-	135.88'	-	NG
TH #17	6/8/2021	FOC	PVC/DBC	SOUTHEAST - NORTHWEST	4"/1.25"	MCIVERIZON	○○	1387913.73	696904.32	137.60'	CENTER OF UTILITY	RC	542+00	0.00 OF	2.60'	-	135.00'	-	NG
TH #18	6/9/2021	FM	PVC	EAST - WEST	12.00"	CITY OF LAKE LAND	○	1388251.81	697635.55	139.66'	CENTER OF UTILITY	RC	550+00	-	3.56'	-	136.10'	-	NG
TH #19	6/9/2021	WM	HDPE	EAST - WEST	16.00"	CITY OF LAKE LAND	○	1388241.76	697640.05	139.60'	CENTER OF UTILITY	RC	550+00	-	4.45'	-	135.15'	-	NG
TH #20	6/10/2021	WM	HDPE	SOUTHEAST - NORTHWEST	6.00"	CITY OF LAKE LAND	○	1388237.10	697641.49	139.52'	CENTER OF UTILITY	RC	550+00	-	5.63'	-	133.89'	-	NG
TH #21	6/9/2021	BT	DBC	SOUTHEAST - NORTHWEST	1.00"	FRONTIER	○	1388231.84	697642.73	139.37'	CENTER OF UTILITY	RC	550+00	-	2.26'	-	137.11'	-	NG
TH #22	6/9/2021	FOC	PE	EAST - WEST	2.00"	UNITI	○	1388219.50	697645.60	139.14'	CENTER OF UTILITY	RC	550+00	-	4.04'	-	135.10'	-	NG
TH #23	6/9/2021	FOC	PE	NORTH - SOUTH	1.50"	FRONTIER	○	1388245.06	697697.42	139.38'	CENTER OF UTILITY	RC	550+00	-	2.30'	-	137.08'	-	NG
TH #24	6/9/2021	FOC	PE	SOUTHEAST - NORTHWEST	2.00"	UNITI	○	1388238.25	697700.85	138.85'	CENTER OF UTILITY	RC	550+06	-	4.32'	-	134.53'	-	NG
TH #25	6/10/2021	FOC	PVC/DBC	NORTH - SOUTH	4.00"	VERIZON/MCI	○	1387921.10	697014.31	134.78'	CENTER OF UTILITY	RC	543+08	-	2.16'	-	132.62'	-	NG
TH #26	6/10/2021	FOC	PVC/DBC	SOUTHEAST - NORTHWEST	4"/1.25"	VERIZON/MCI	○○	1388076.02	697428.89	138.29'	CENTER OF UTILITY	RC	547+50	-	2.14'	-	136.15'	-	NG
TH #27	6/10/2021	FOC	PVC/DBC	SOUTHEAST - NORTHWEST	4"/1.25"	VERIZON/MCI	○○	1388150.07	697667.67	138.22'	CENTER OF UTILITY	RC	550+00	-	2.52'	-	135.70'	-	NG

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			VERIFIED UTILITY LOCATES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 33	POLK	430185-7-52-01		96