

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 430185-3-52-01

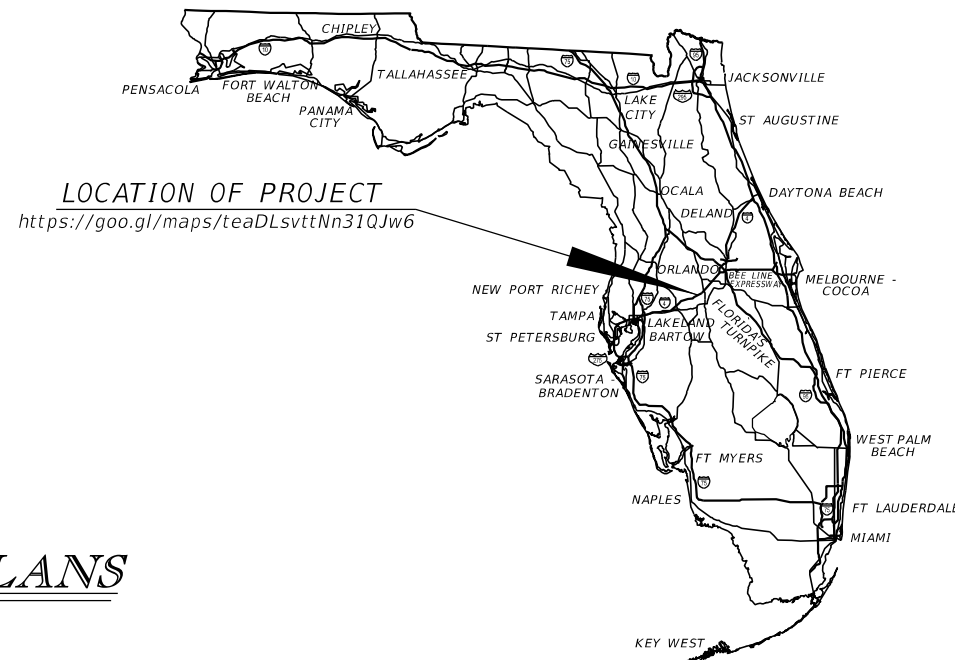
(FEDERAL FUNDS)

POLK COUNTY (16320)

STATE ROAD NO. SR 400

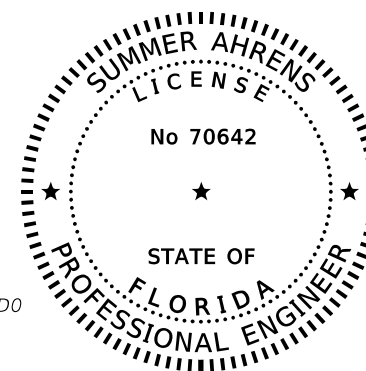
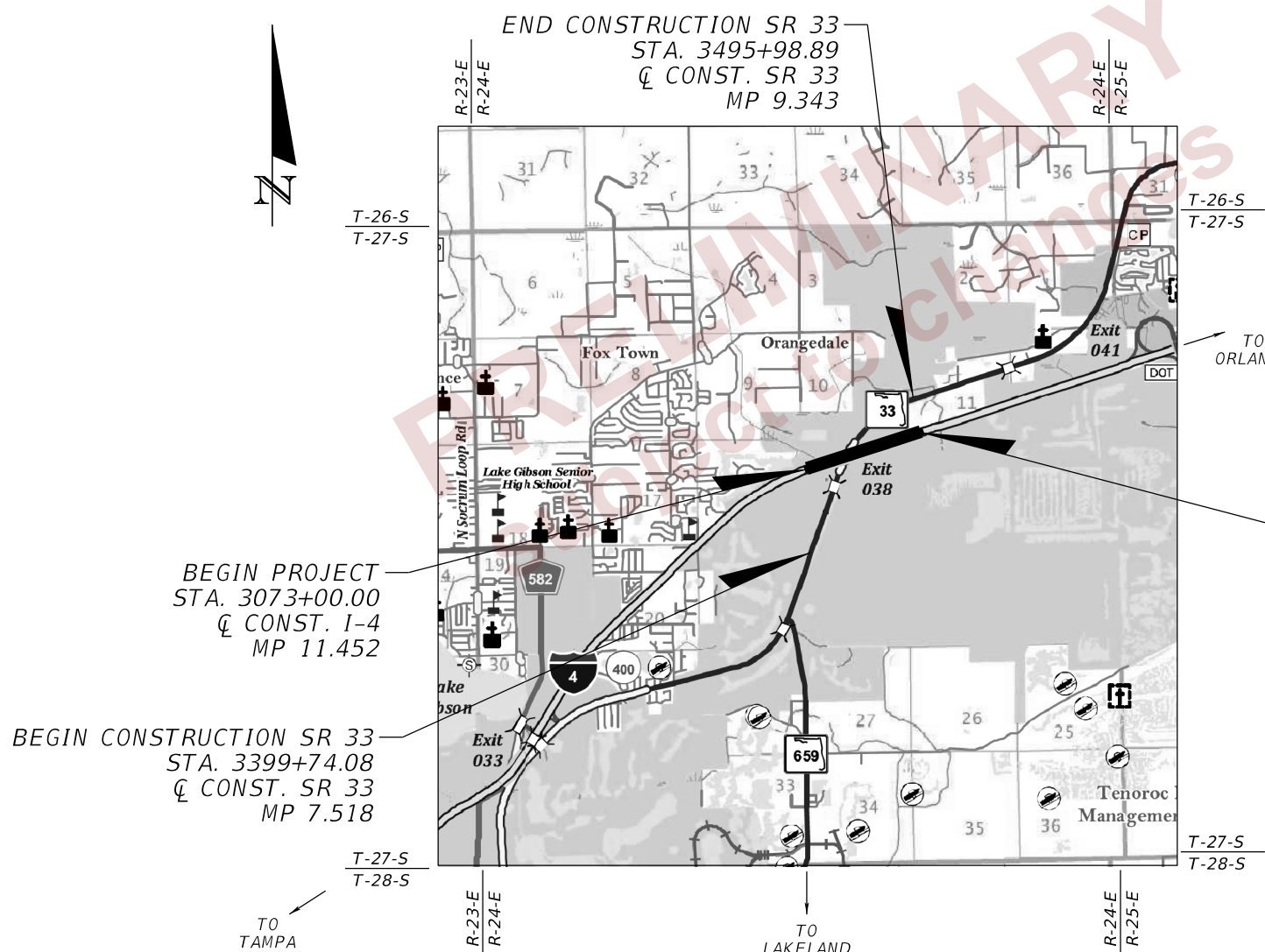
I-4 (SR 400) AT SR 33 INTERCHANGE MODIFICATION

SIGNING AND PAVEMENT MARKING PLANS



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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

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

SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD:

SUMMER AHRENS, P.E.
P.E. LICENSE NUMBER 70642
AIM ENGINEERING & SURVEYING, INC.
201 E. KENNEDY BLVD, STE 1800
TAMPA, FL 33602
TELEPHONE: (813) 627-4144
CONTRACT NO.: C9F58
VENDOR NO.: F650197775003

FDOT PROJECT MANAGER:

DOUG BURKHART, P.E.

PHASE IV SUBMITTAL
FEBRUARY 2024

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T000	25	S-1

SIGNING AND PAVEMENT MARKINGS GENERAL NOTES

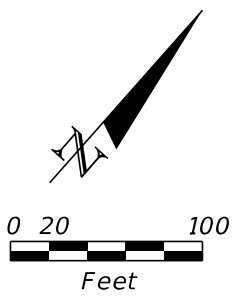
1. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
2. MATCH EXISTING PAVEMENT MARKINGS WHERE PROPOSED MARKINGS END AT EXISTING ROADS.
3. ON ASPHALT SURFACES, 6" WHITE SOLID AND 6" YELLOW SOLID SHALL BE STANDARD THERMOPLASTIC.
4. USE PERMANENT TAPE FOR PAVEMENT MARKINGS ON CONCRETE AND BRIDGE.
5. ALL SIGNS MOUNTED OVER SIDEWALKS MUST HAVE A VERTICAL CLEARANCE OF EIGHT FEET (8') STANDARD.
6. UNLESS OTHERWISE NOTED ON PLAN SHEETS, ALL CROSSWALKS ACROSS ALL STREETS MUST BE TEN FEET (10') IN WIDTH AND MEASUREMENTS MUST BE FROM INSIDE TO INSIDE OF TWELVE INCH (12") STRIPES.
7. 24" LONGITUDINAL BARS AT SPECIAL EMPHASIS CROSSWALKS MUST BE PREFORMED THERMOPLASTIC.
8. MINIMUM 4' SPACING REQUIRED BETWEEN ALL CROSSWALKS AND STOP BARS.
9. DO NOT ENTER (R5-1) AND STATIC WRONG WAY (R5-1A) SIGN COLUMNS SHALL INCLUDE RED RETROREFLECTIVE STRIPS AND ONE WAY (R6-1) SIGN COLUMNS SHALL INCLUDE WHITE RETROREFLECTIVE STRIPS.

PRELIMINARY
subject to changes

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5-2
					SR 400	POLK	430185-3-52-01		

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



1 EA 0700 2115
STA. 1029+00
GS-11
12.5'x6'

NO TRUCKS
LEFT LANE

1 EA 0700 2114
STA. 1039+00
GS-2
9.5'x4.5'

6
Lakeland
Plant City
Tampa

EXISTING TO REMAIN
STA. 1049+00

JCT 75 To Naples / Ocala 27
JCT 275 To St. Petersburg 36

1000' 1000' 100'

SR 400 (I-4) WB

1051 1052 1053 1054 1055 1056 1057 10

SR 400 (I-4) EB

3051 3052 3053 3054 3055 3056 3057 30

BEGIN SIGNING
STA. 1029+00.00

310' 905' 285'

Polk City
1 MILE
EXIT 38

1 EA 0700 2116
STA. 1035+00
GS-1
14'x10'
RELOCATED SUPPLEMENTAL PANEL
9.0' X 2.5'

Polk City
1/4 MILE
EXIT 38

1 EA 0700 2600
RELOCATE EXIST. SIGN
PANEL "EXIT 38" TO
PROP. SIGN ASSEMBLY
"Polk City 1 MILE"
1 EA 0700 3103

Gen. James A. Van Fleet
State Trail
PARK N RIDE
EXIT 38

EXISTING TO REMAIN
STA. 1047+15

BEGIN PAVEMENT MARKINGS
MATCH EXISTING
STA. 1055+00.00 Q CONST. I-4

Tenoroc Public Use Area
EXIT 38

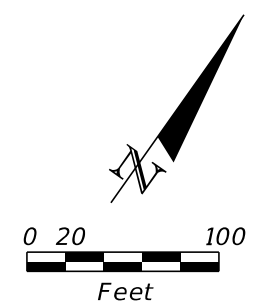
EXISTING TO REMAIN
STA. 1056+00

MATCHLINE STA. 1058+00.00

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. S-3
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 400	POLK	430185-3-52-01					

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1 EA 0700 2600
STA. 1058+00

NO TRUCKS
LEFT LANE

2 EA 0700 2112
STA. 1061+31
R2-1
48"x60"

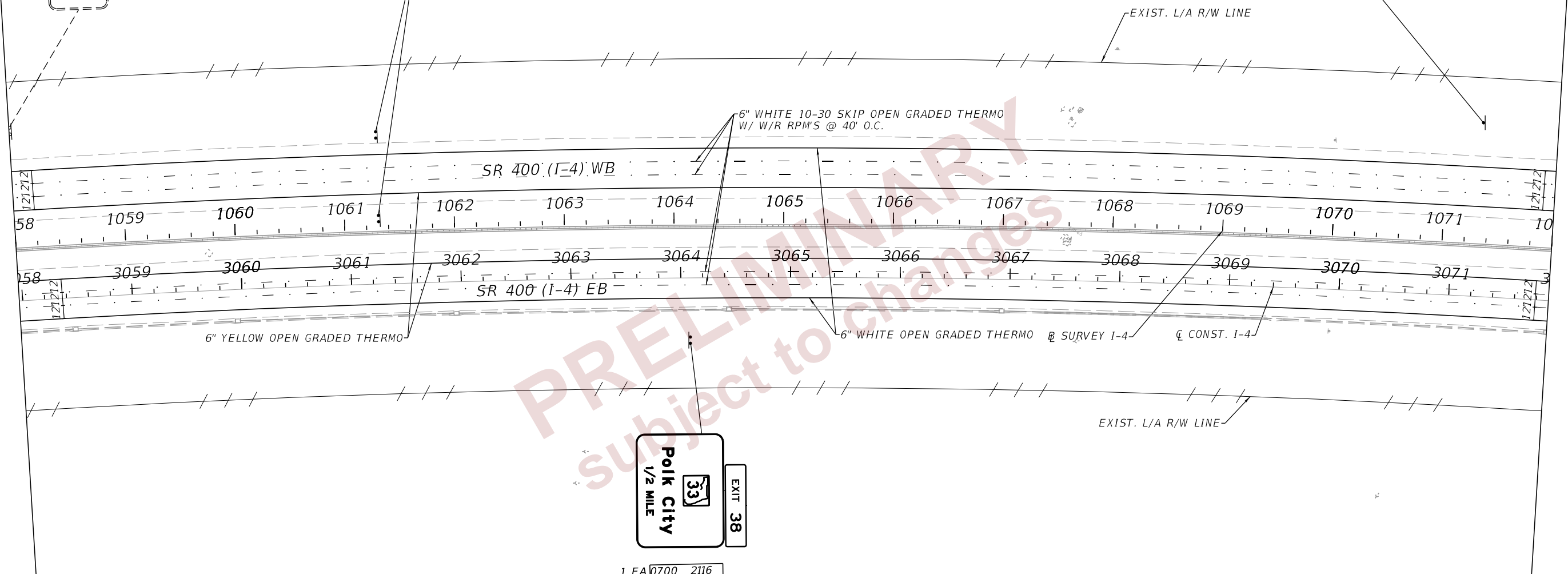
SPEED
LIMIT
70

1 EA 0700 1112
STA. 1071+31
M3-4
36"x18"
M1-1
36"x36"

WEST
INTERSTATE
4

MATCHLINE STA. 1058+00.00

MATCHLINE STA. 1072+00.00



Polk City
1/2 MILE
EXIT 38

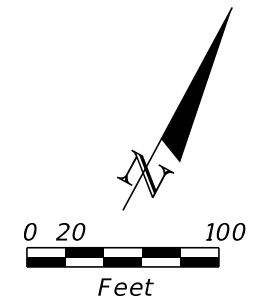
1 EA 0700 2116
STA. 1064+14
E1-5P
9.5'x2.5'
GS-3
13'x10'

PRELIMINARY
Subject to changes

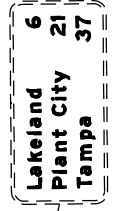
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5-4
							SR 400	POLK	430185-3-52-01		

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1 EA 0700 2600



2 EA 0700 2600



18" WHITE THERMO @ 20' O.C.

8" WHITE THERMO W/ W/R RPM'S @ 20' O.C.

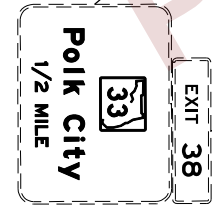
6" WHITE 3-9 SKIP OPEN GRADED THERMO W/ W/R @ 24' O.C.

6" WHITE OPEN GRADED THERMO W/ W/R RPM'S @ 40' O.C.

6" WHITE 10-30 SKIP OPEN GRADED THERMO W/ W/R RPM'S @ 40' O.C.

6" WHITE OPEN GRADED THERMO

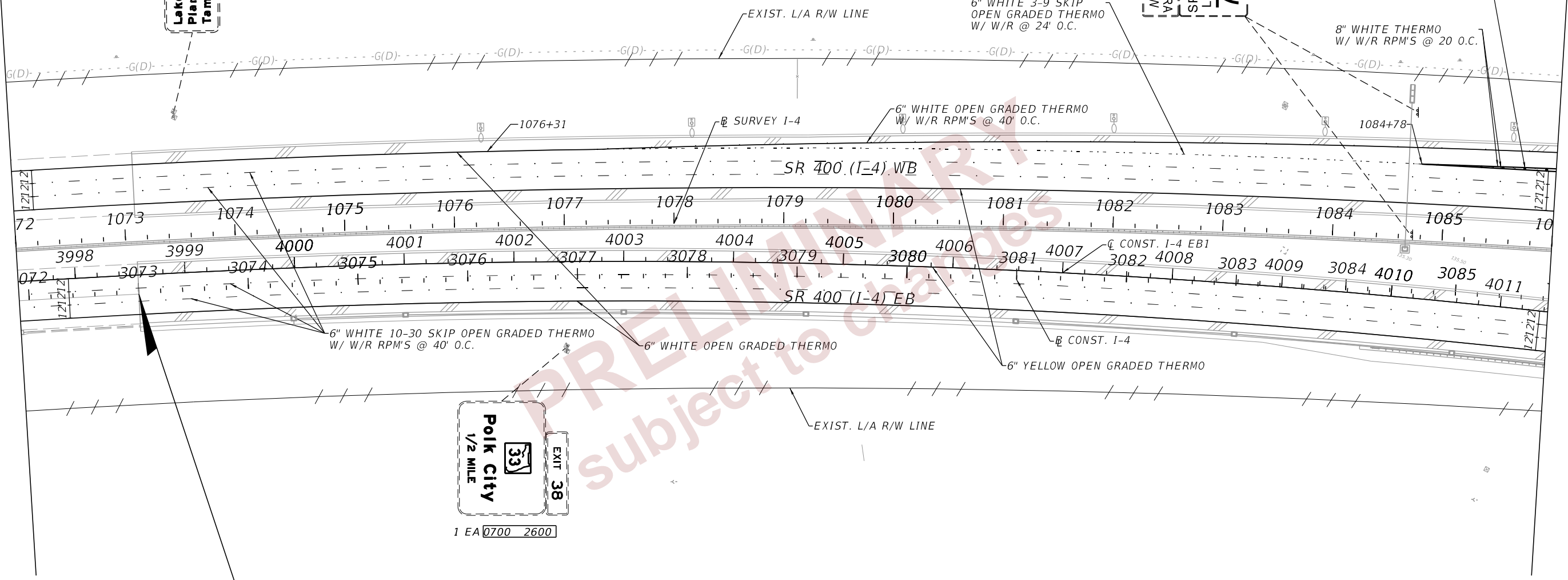
6" YELLOW OPEN GRADED THERMO



1 EA 0700 2600

MATCHLINE STA. 1072+00.00

MATCHLINE STA. 1086+00.00

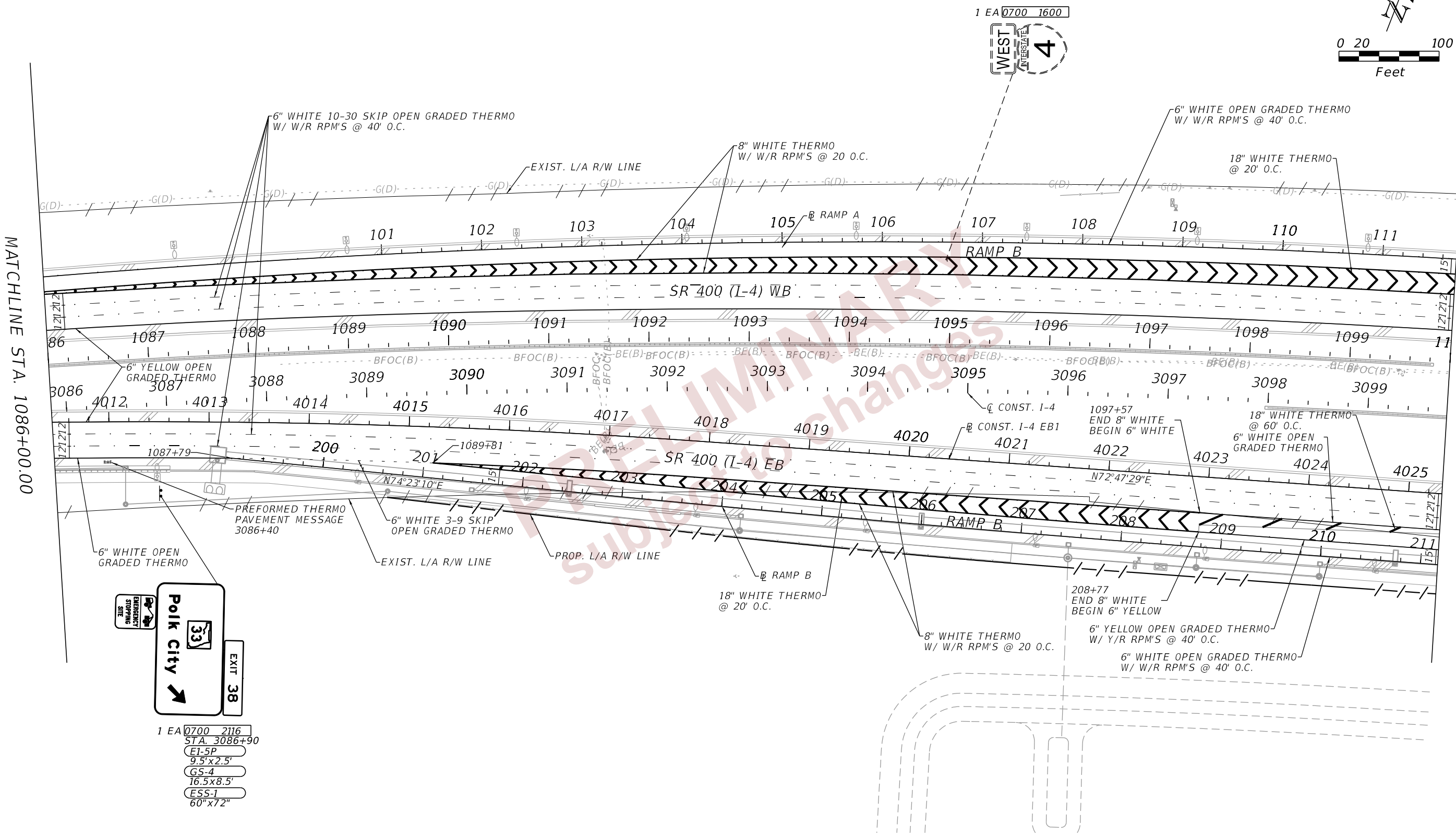
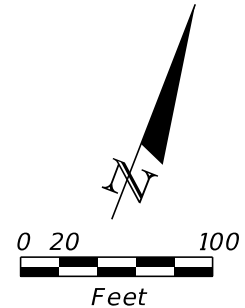


BEGIN PROJECT
 STA. 3073+00.00 C CONST. I-4 =
 STA. 3998+57.07 B CONST. I-4 EB 1 =
 STA. 1073+09.57 B SURVEY I-4

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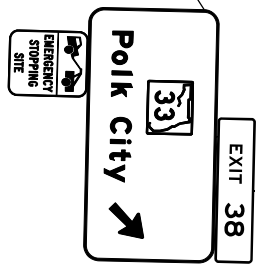
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		SR 400	POLK	430185-3-52-01		5-5

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MATCHLINE STA. 1086+00.00

MATCHLINE STA. 1100+00.00



- 1 EA 0700 2116
- STA. 3086+90
- E1-5P
- 9.5'x2.5'
- GS-4
- 16.5'x8.5'
- ESS-1
- 60" x 72"

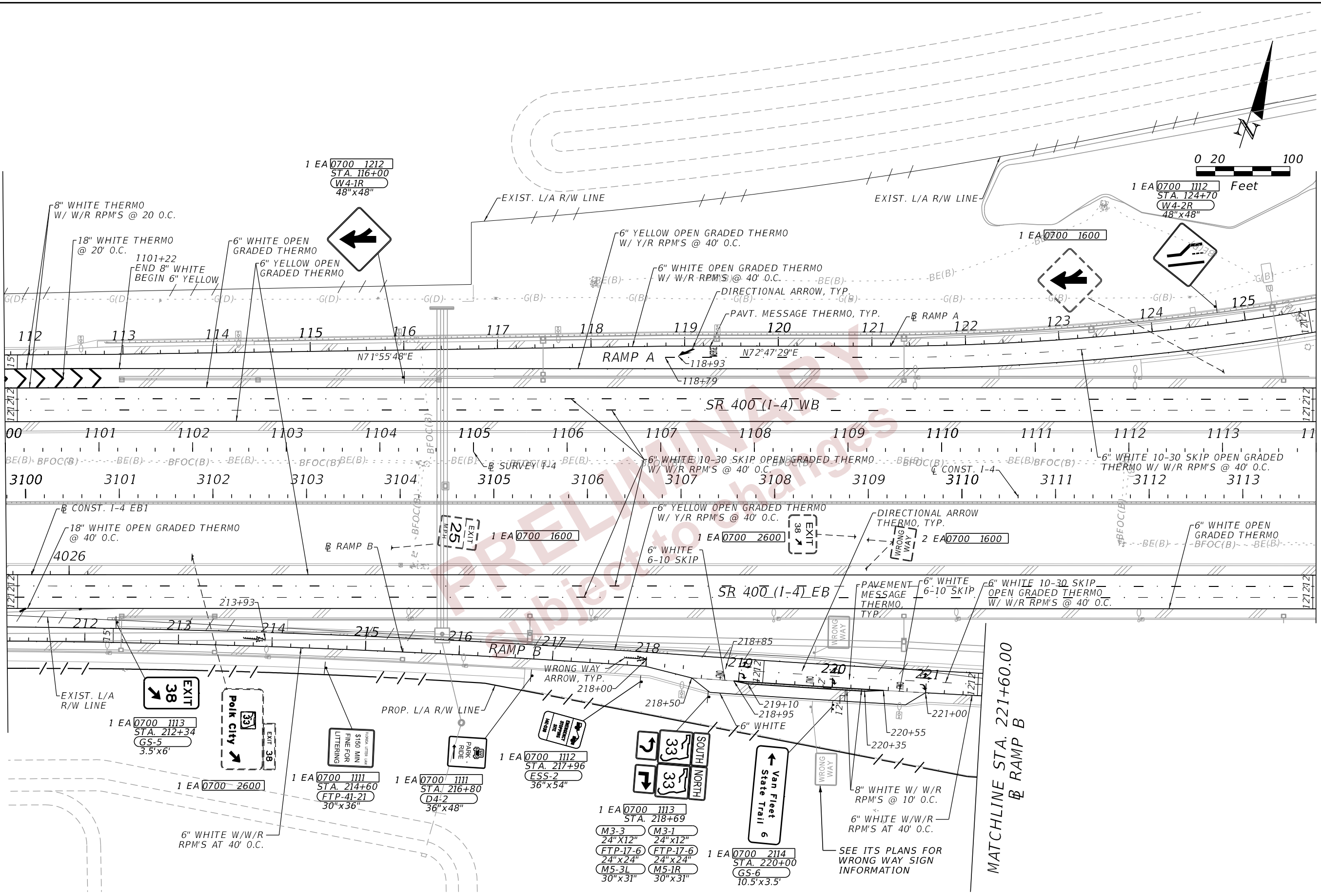
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01		

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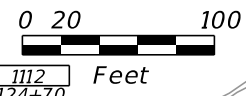
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MATCHLINE STA. 1100+00.00

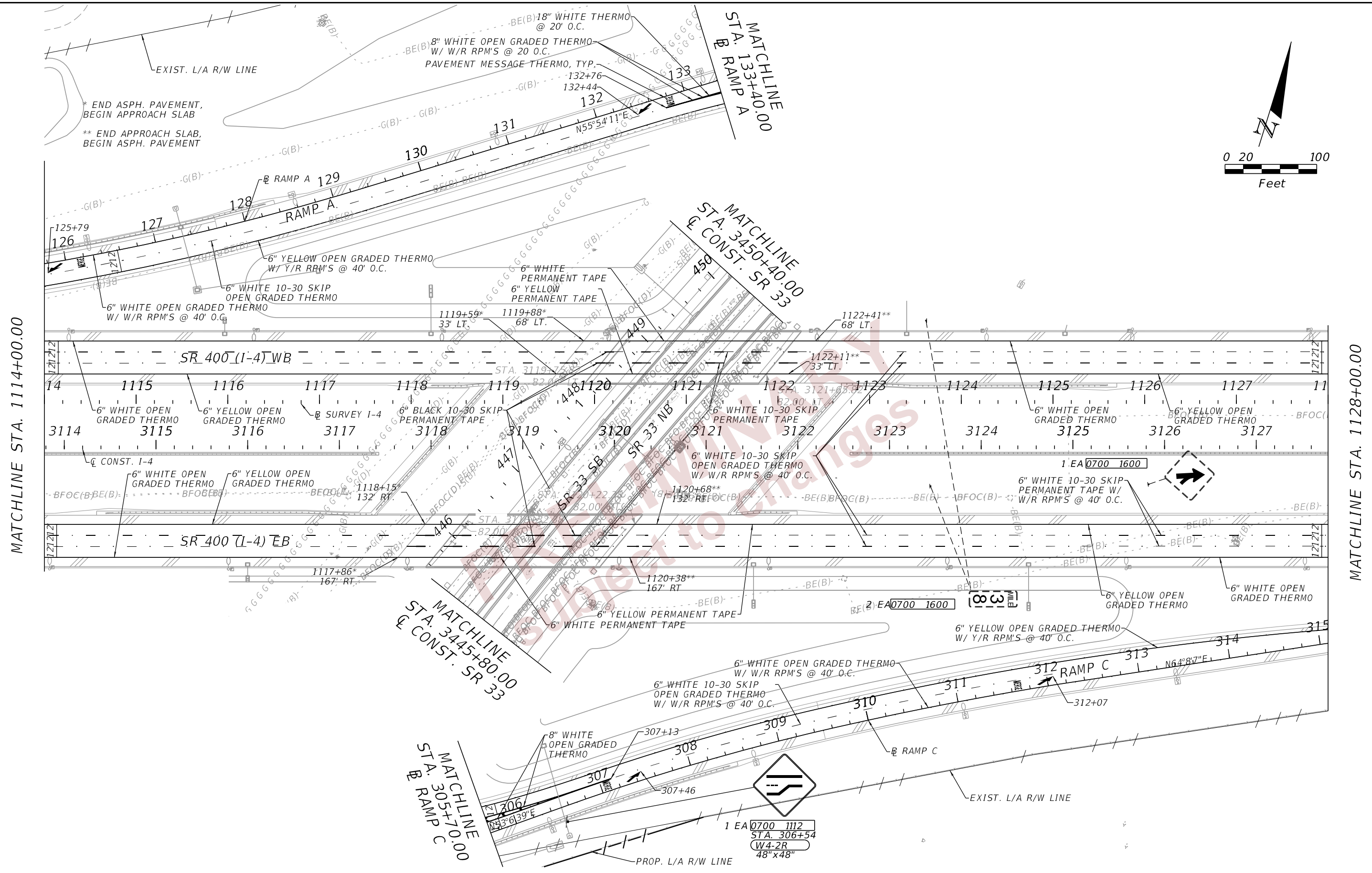
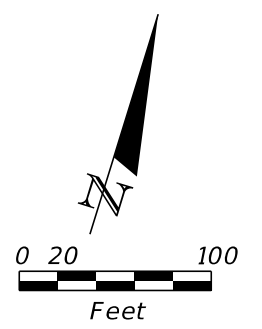


MATCHLINE STA. 1114+00.00



REVISIONS		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 400	POLK	430185-3-52-01	5-7
						SIGNING AND PAVEMENT MARKING PLAN			

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MATCHLINE STA. 1114+00.00

MATCHLINE STA. 1128+00.00

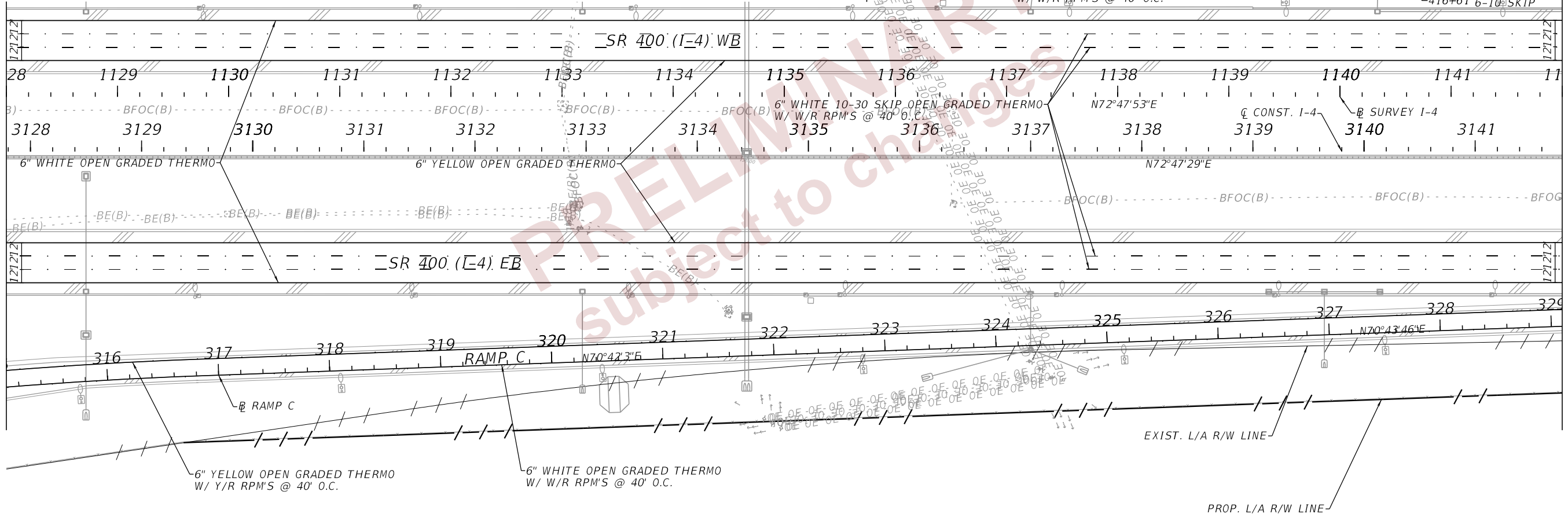
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. 5-8
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 400	POLK	430185-3-52-01		

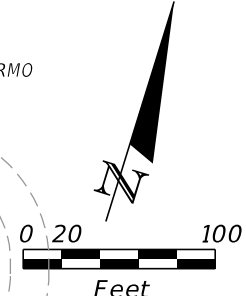
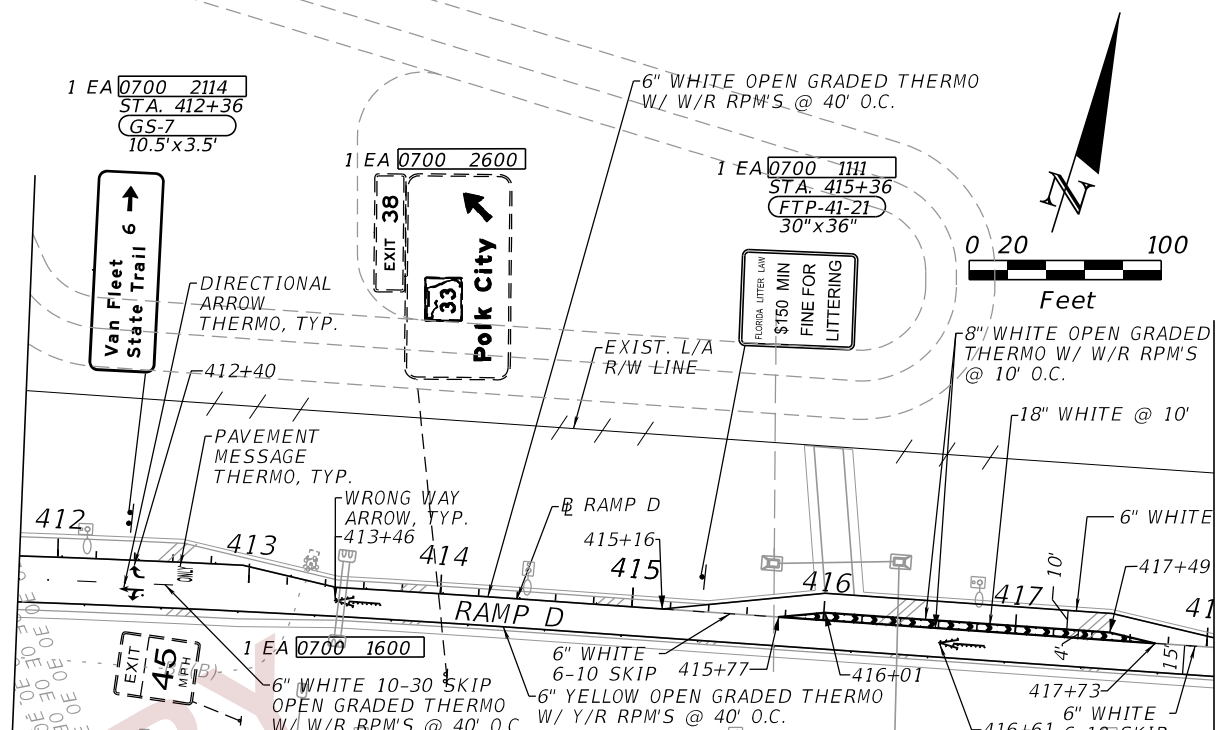
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MATCHLINE STA. 1128+00.00



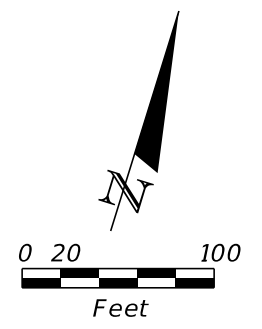
MATCHLINE STA. 411+80.00
 RAMP D



MATCHLINE STA. 1142+00.00

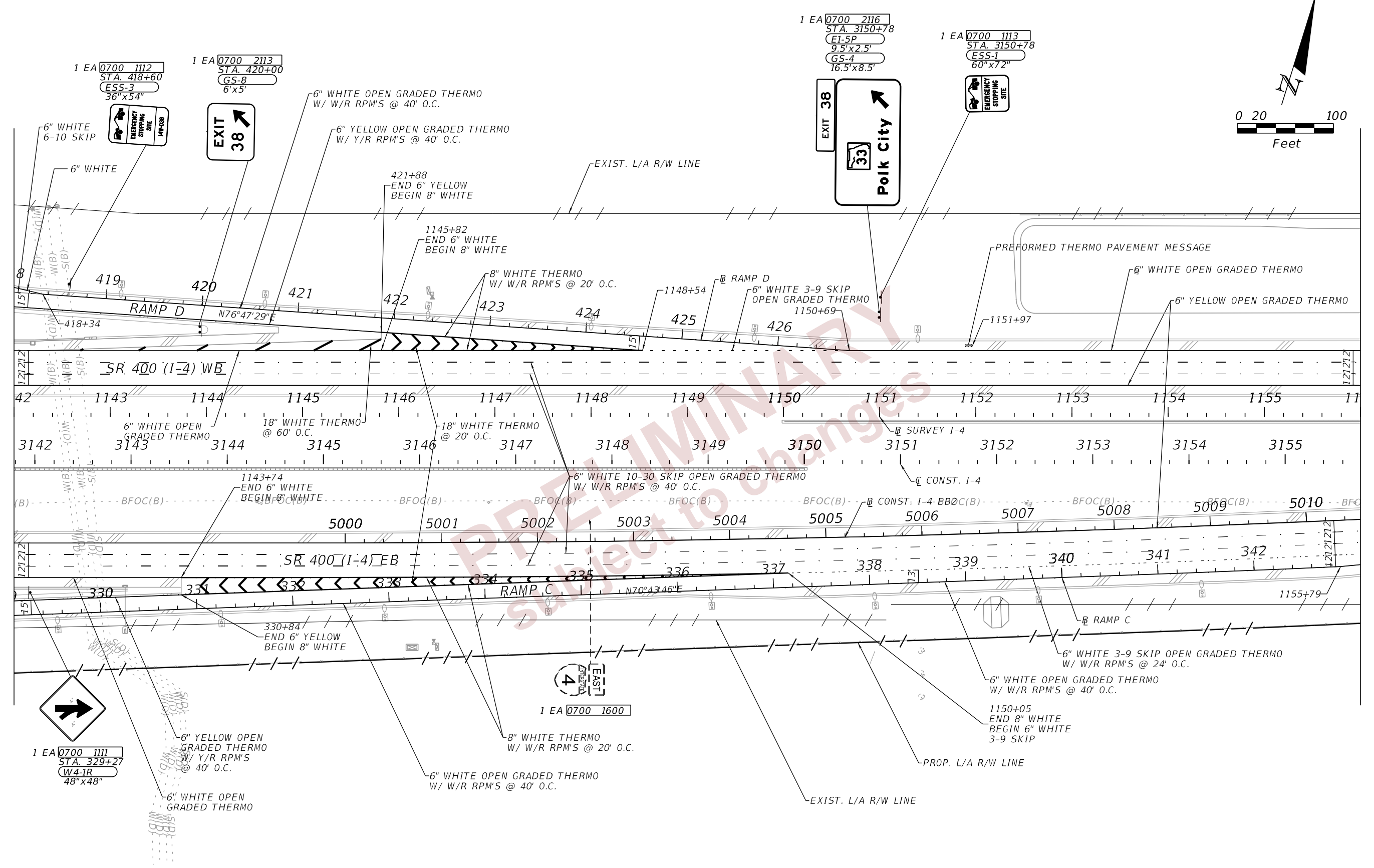
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							SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN									5-9	

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MATCHLINE STA. 1142+00.00

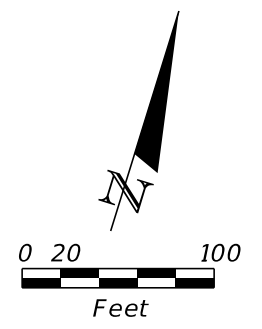
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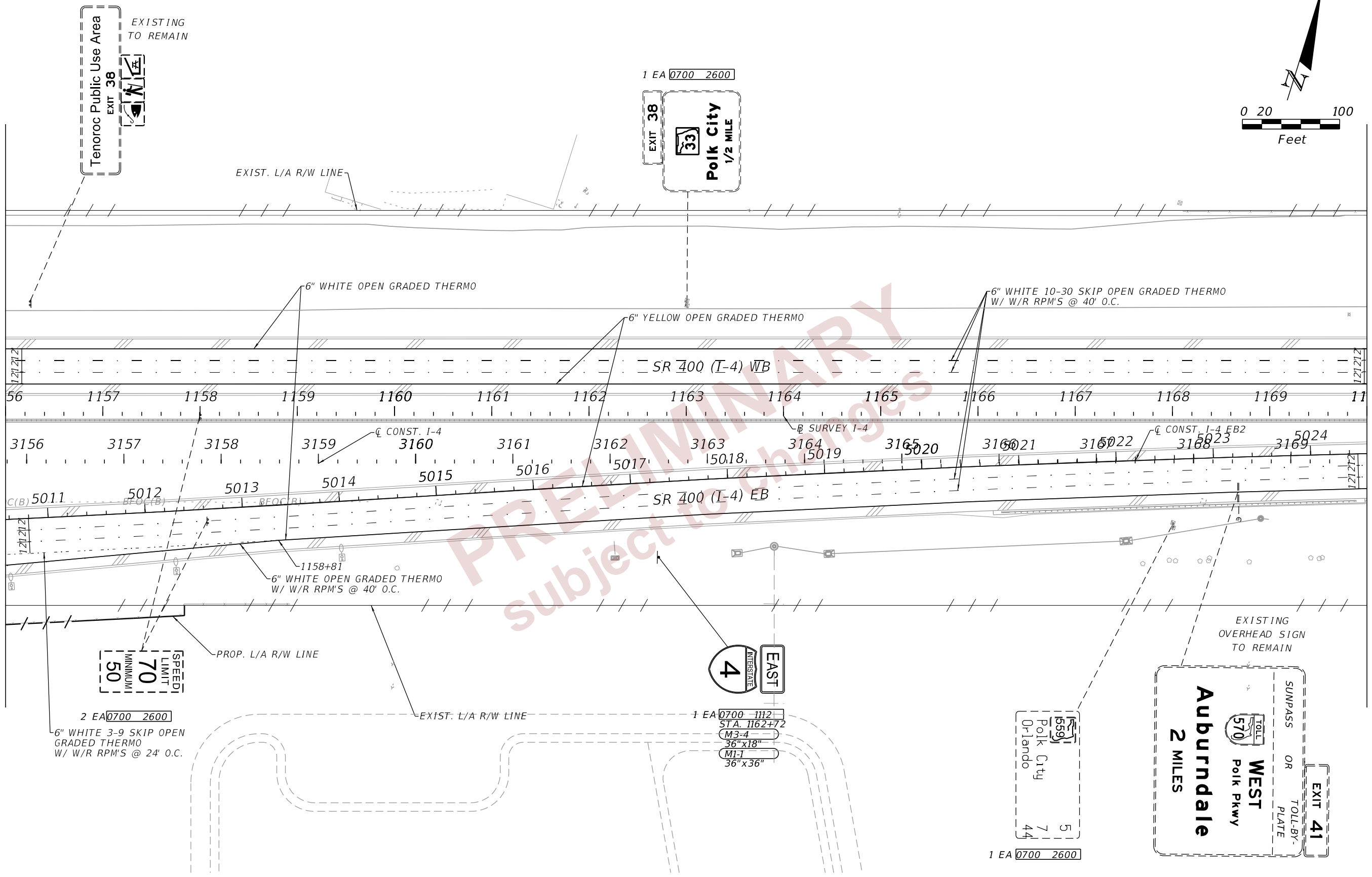
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. 5-10
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			SR 400	POLK	430185-3-52-01		



MATCHLINE STA. 1156+00.00

MATCHLINE STA. 1170+00.00

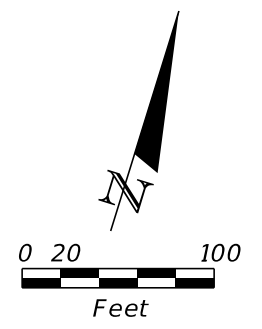


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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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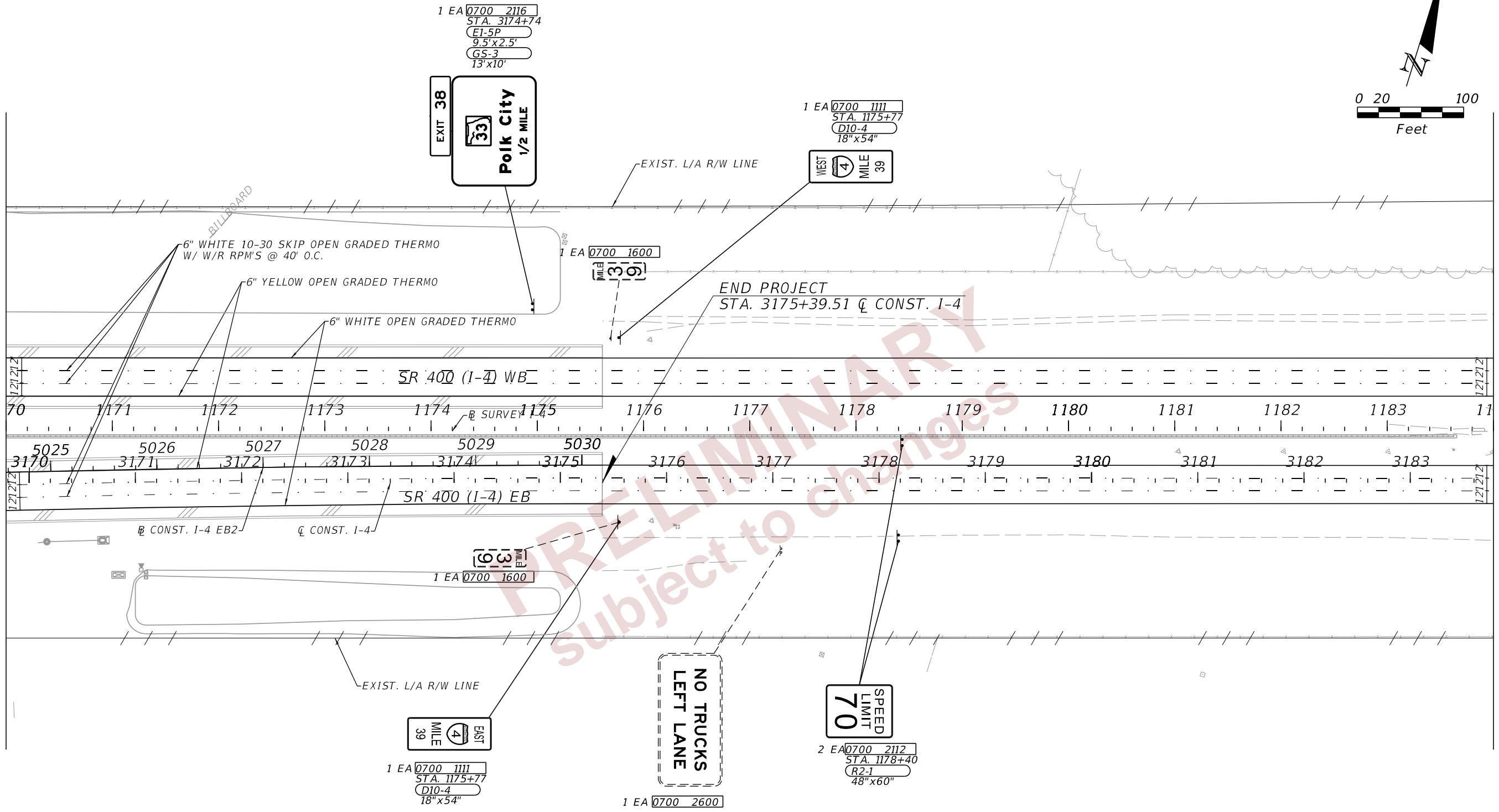
SIGNING AND PAVEMENT MARKING PLAN

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MATCHLINE STA. 1170+00.00

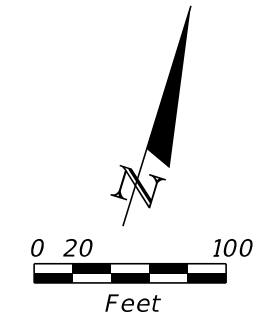
MATCHLINE STA. 1184+00.00



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
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						SR 400	POLK	430185-3-52-01		

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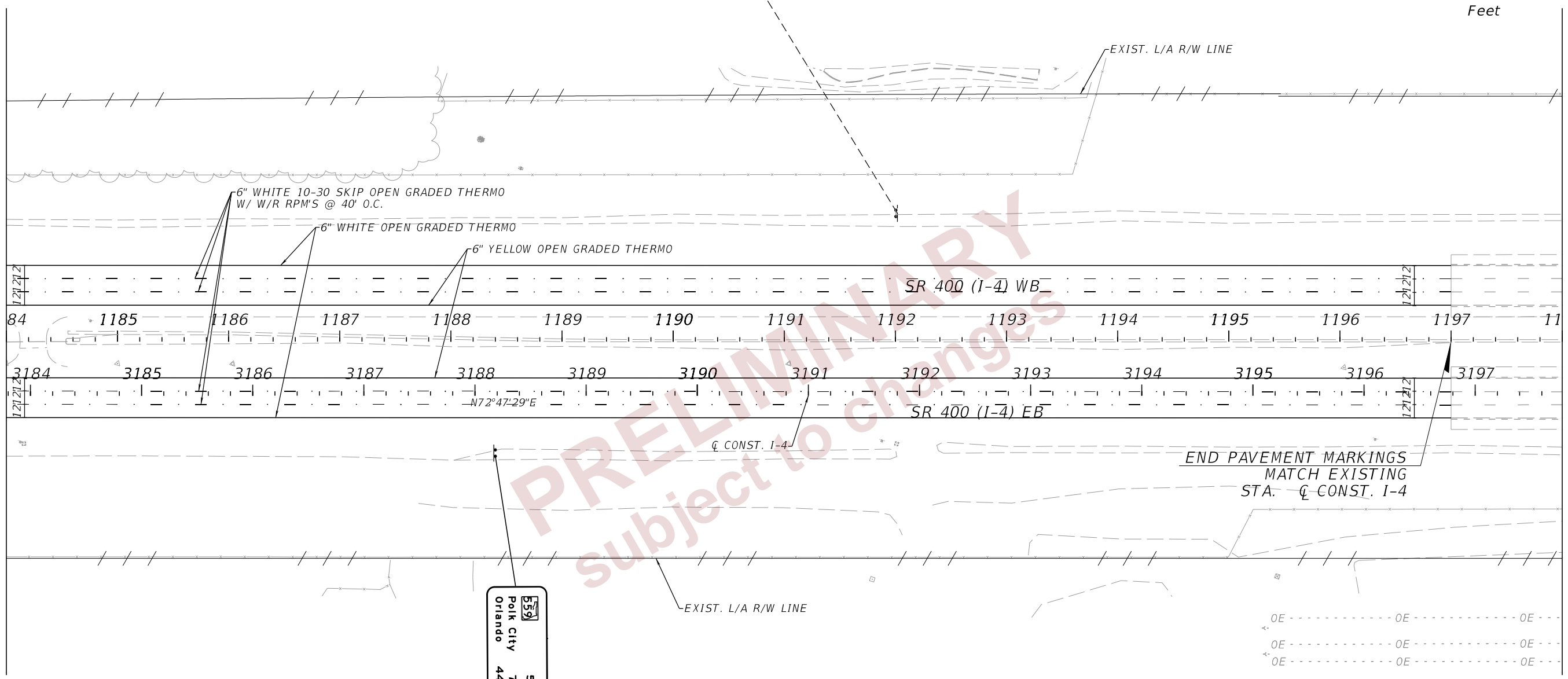


EXISTING
TO REMAIN
STA. 1192+00

PARK RIDE
EXIT 38

MATCHLINE STA. 1184+00.00

MATCHLINE STA. 1198+00.00



5
7
44
Polk City
Orlando

1 EA 0700 2115
STA. 1188+40
GS-10
9.5'x5.5'

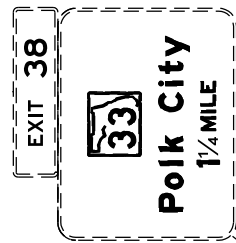
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			SR 400	POLK	430185-3-52-01		S-13

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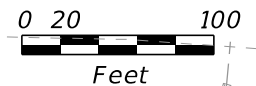
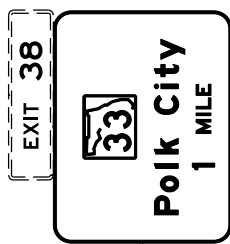
1 EA 0700 3 503
 RELOCATE EXIST. SIGN
 PANEL "EXIT 38" TO
 PROP. SIGN ASSEMBLY
 "Polk City 1 MILE"

1 EA 0700 3 606

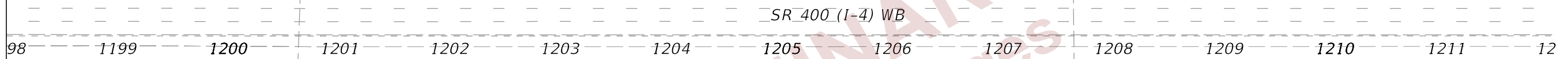


1 EA 0700 3 106
 STA. 1202+00

GS-1
 14'x10'



MATCHLINE STA. 1198+00.00



END SIGNING
 STA. 1202+00.00

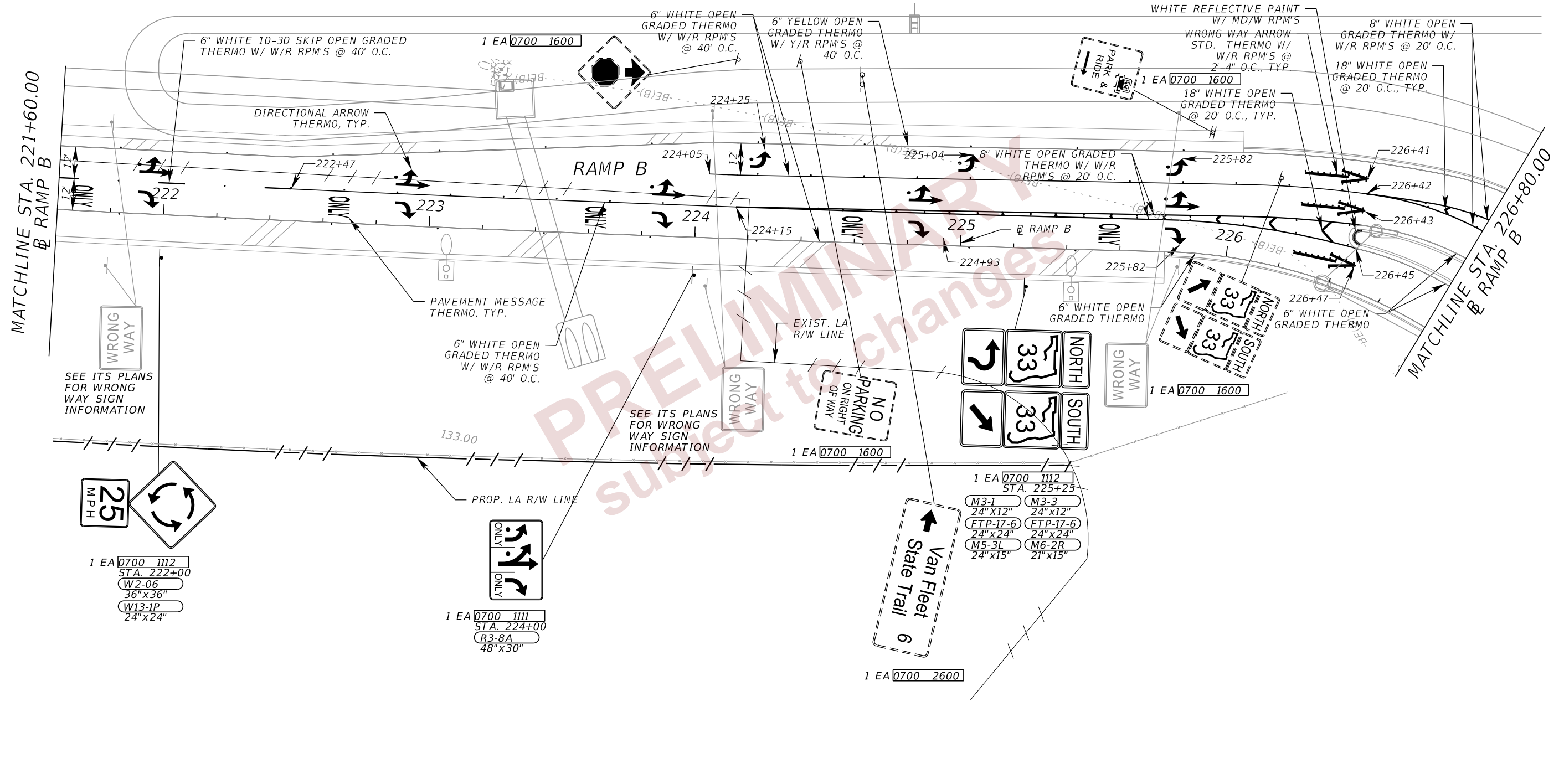
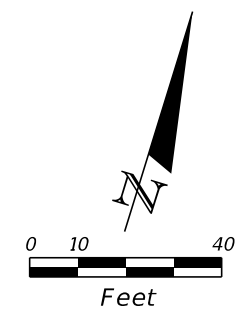


1 EA 0700 2115
 STA. 1198+40
 GS-11
 12.5'x6'

2/28/2024 4:35:26 PM nruiz
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. S-14
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			SR 400	POLK	430185-3-52-01		

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

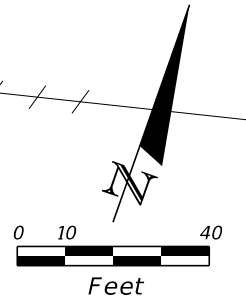
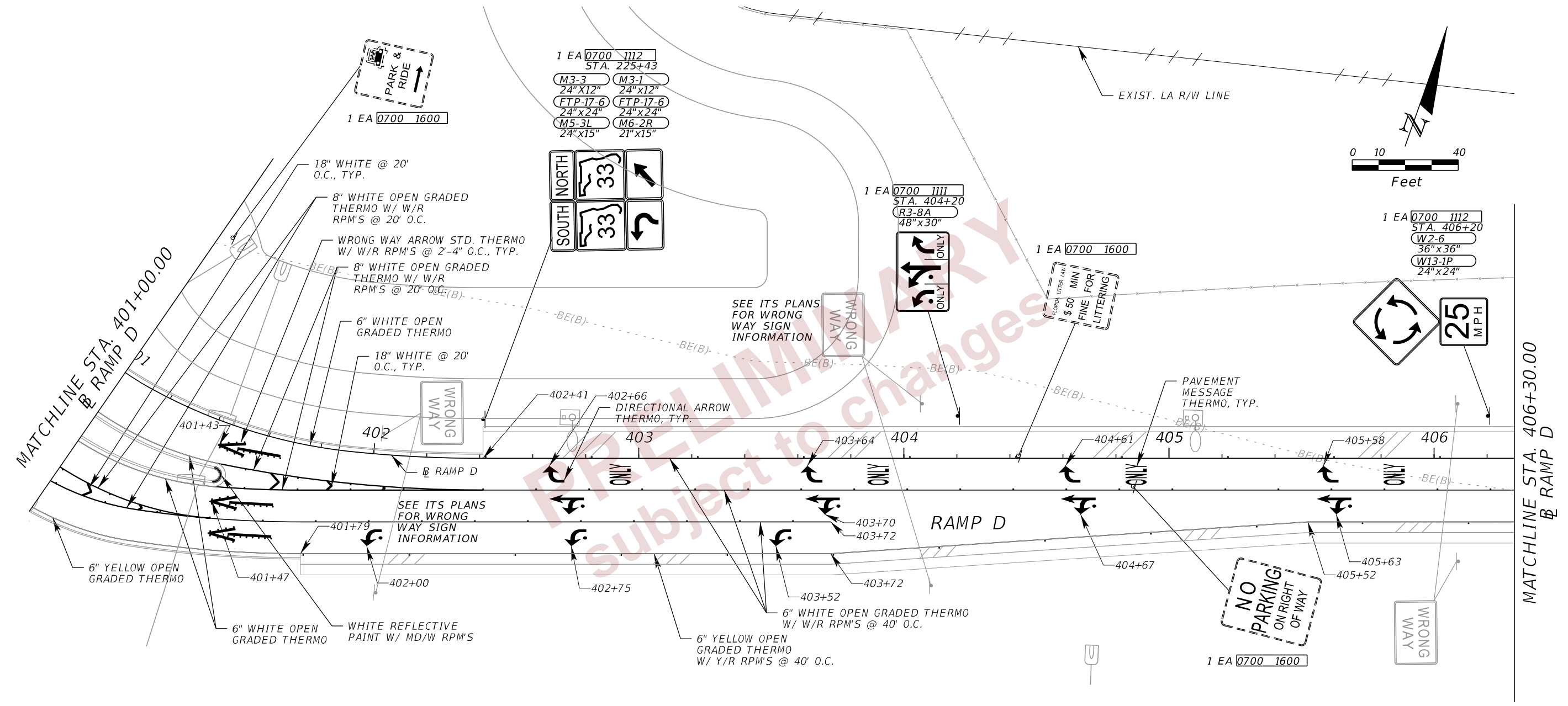


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN								S-15	

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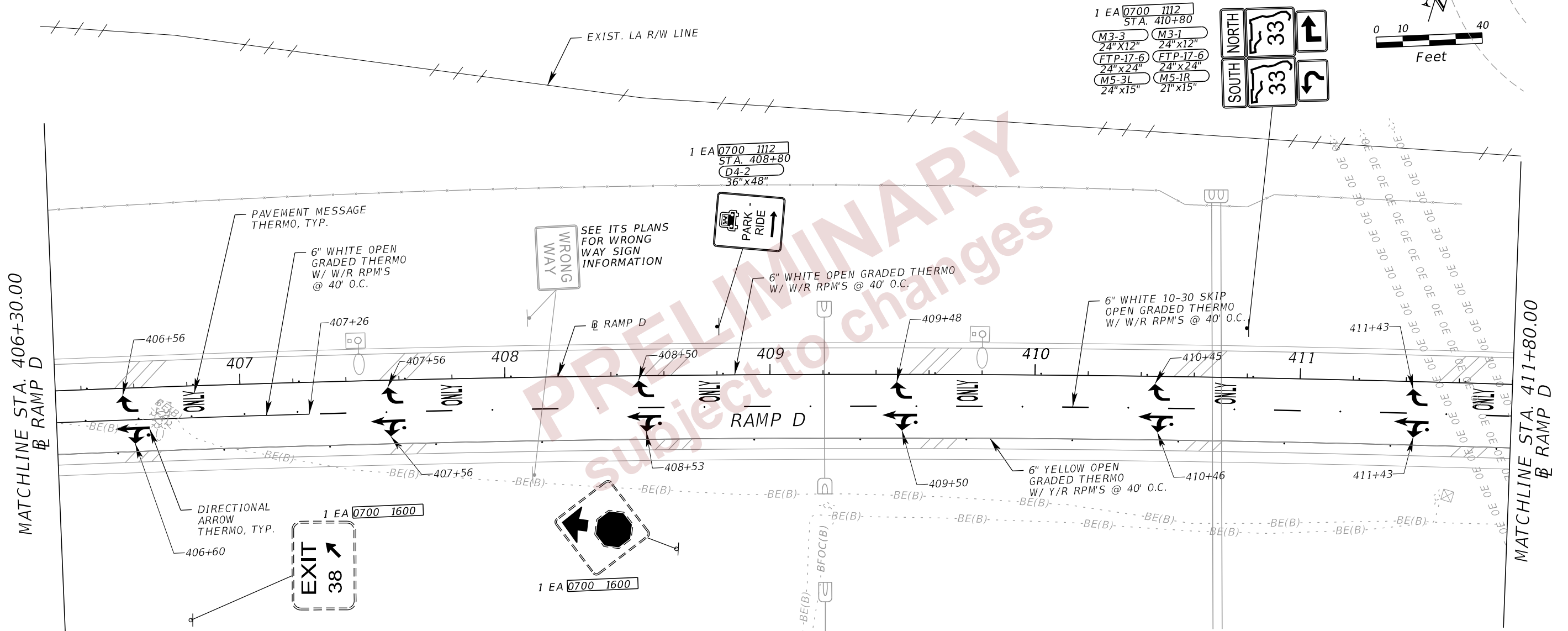
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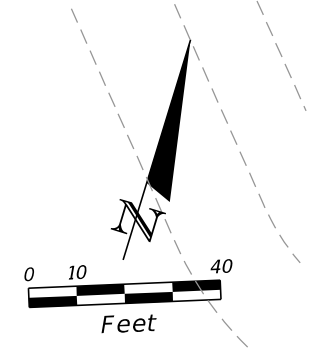
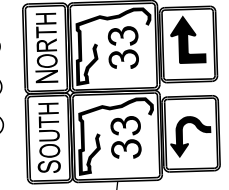
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 400	POLK	430185-3-52-01	
							5-16			

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- 1 EA 0700 1112 STA. 410+80
- M3-3 24"x12" M3-1 24"x12"
- FTP-17-6 24"x24" FTP-17-6 24"x24"
- M5-3L 24"x15" M5-1R 21"x15"

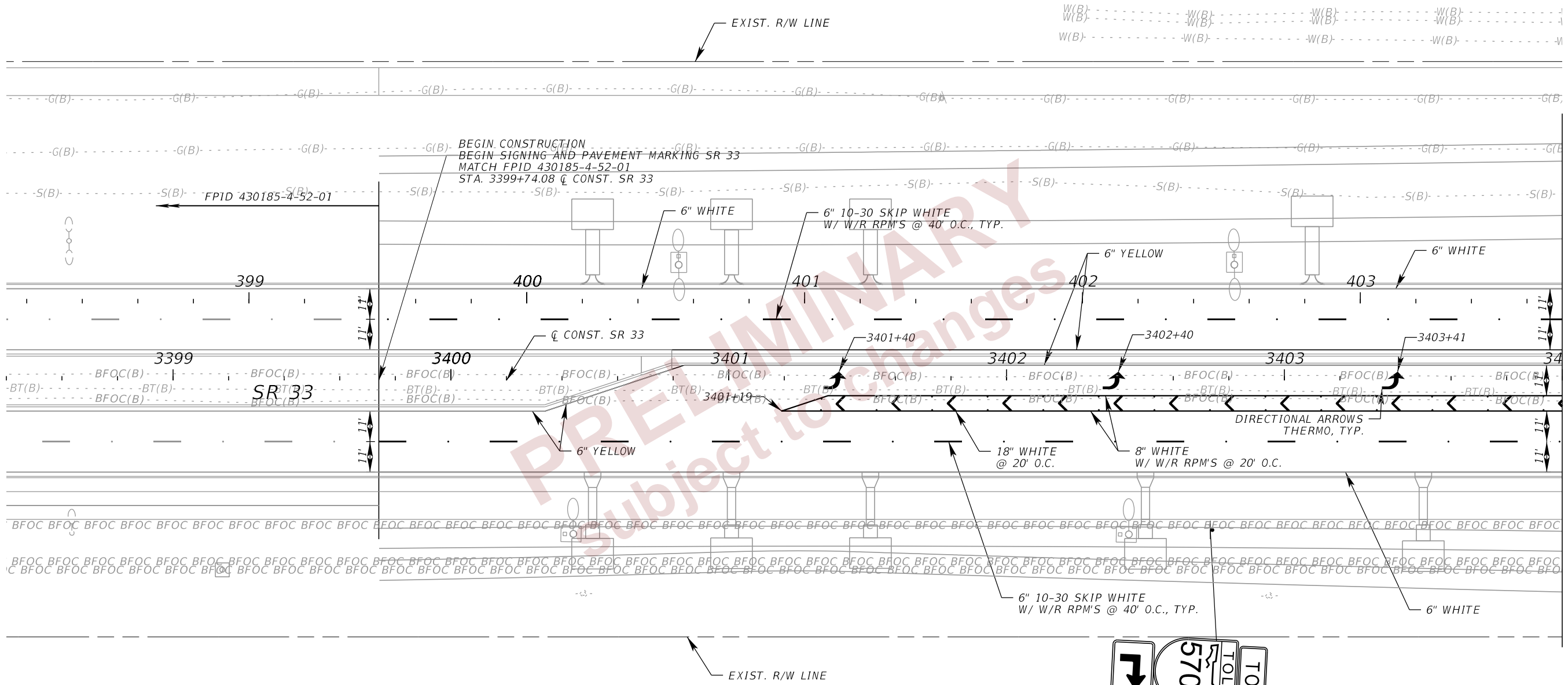
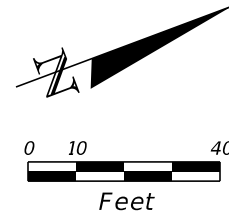


MATCHLINE STA. 406+30.00
RAMP D

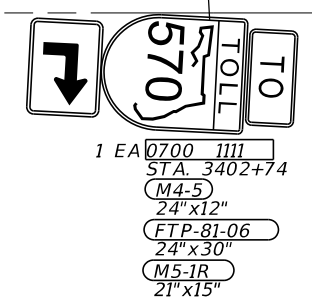
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RAMP D

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5-17
						SR 400	POLK	430185-3-52-01		

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MATCHLINE STA. 3404+00.00

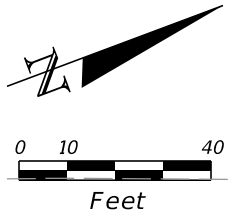
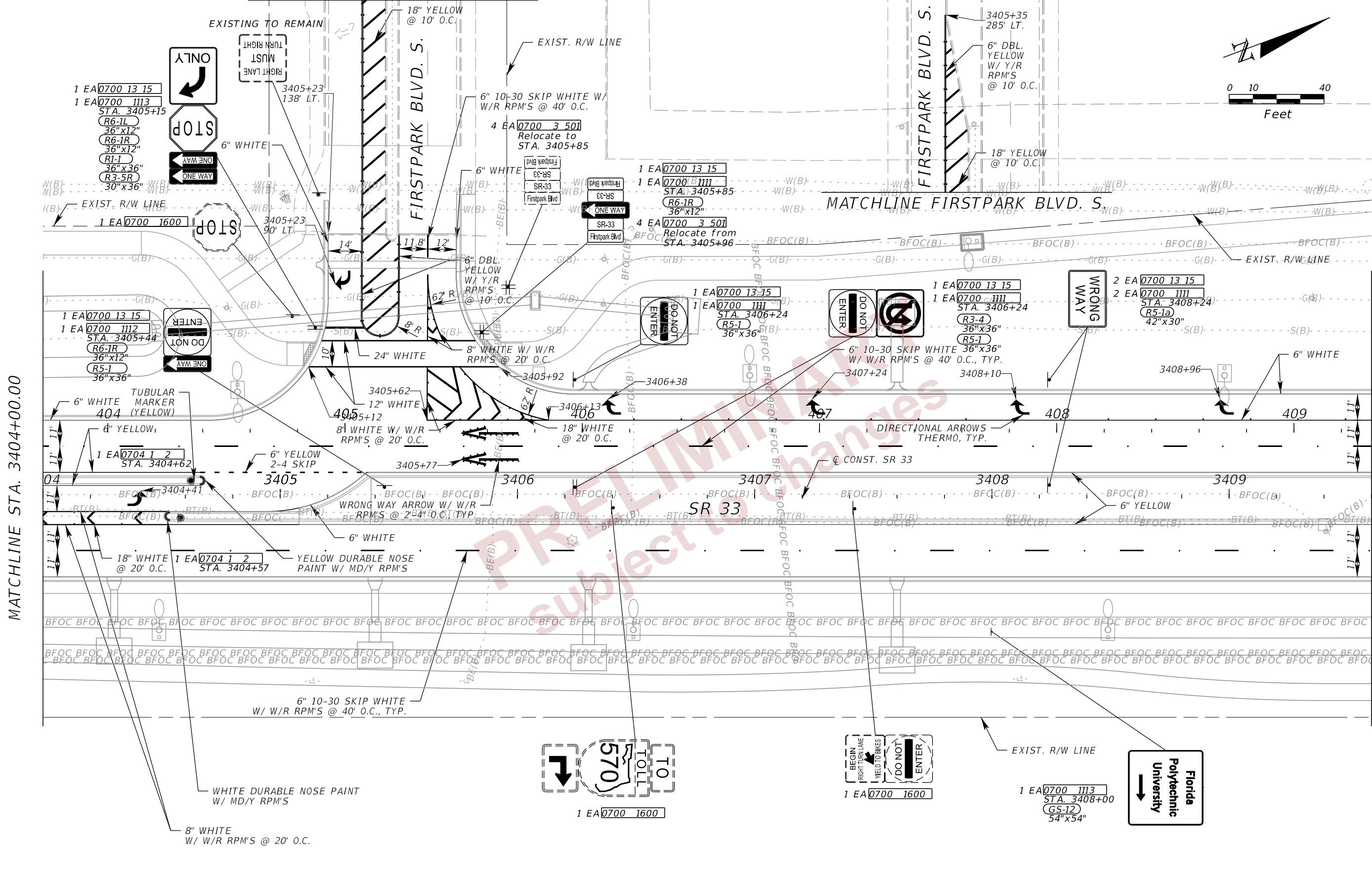


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. S-18
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 400	POLK	430185-3-52-01					

MATCHLINE FIRSTPARK BLVD. S.



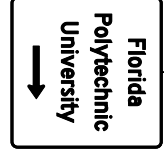
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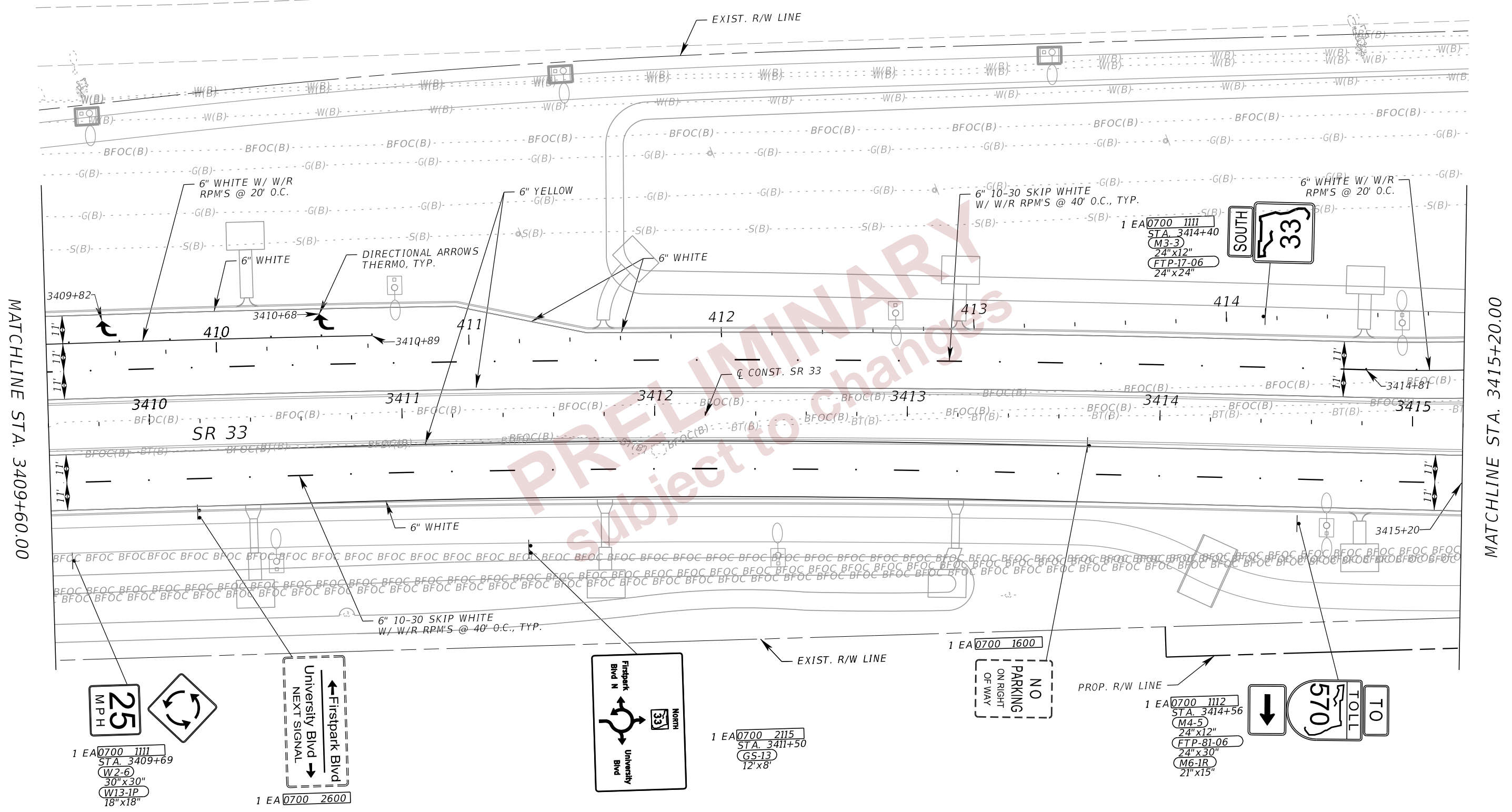
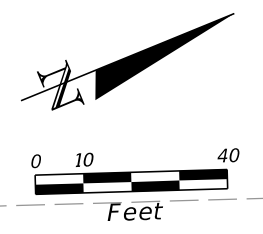
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01	5-19
<p>SIGNING AND PAVEMENT MARKING PLAN</p>							

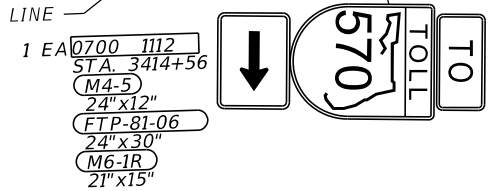
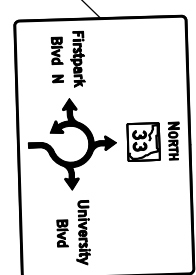
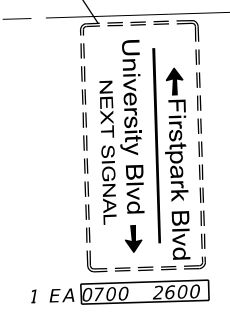
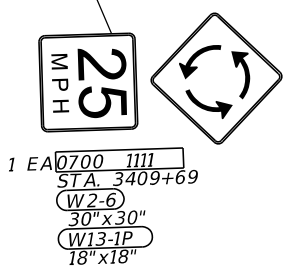




MATCHLINE STA. 3409+60.00

MATCHLINE STA. 3415+20.00

PRELIMINARY
Subject to changes



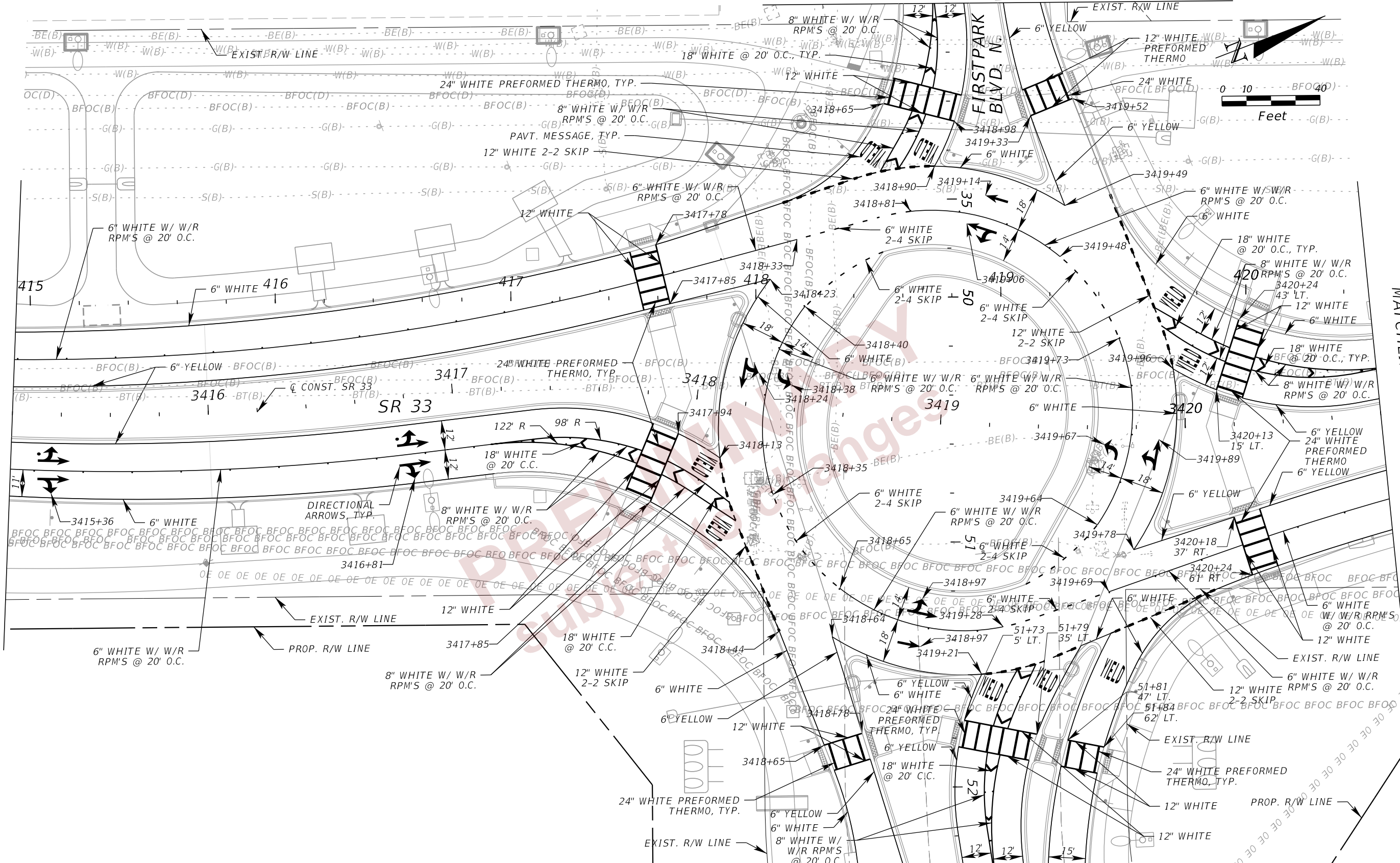
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01	S-20

**SIGNING AND PAVEMENT
MARKING PLAN**

MATCHLINE STA. 34+20.00 \bar{C} CONST. FIRST PARK BLVD.



MATCHLINE STA. 52+32.54 \bar{C} CONST. UNIVERSITY BLVD.

MATCHLINE STA. 3415+20.00

MATCHLINE STA. 3420+80.00

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 400	POLK	430185-3-52-01	

SIGNING AND PAVEMENT MARKING PLAN

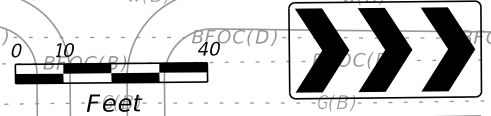
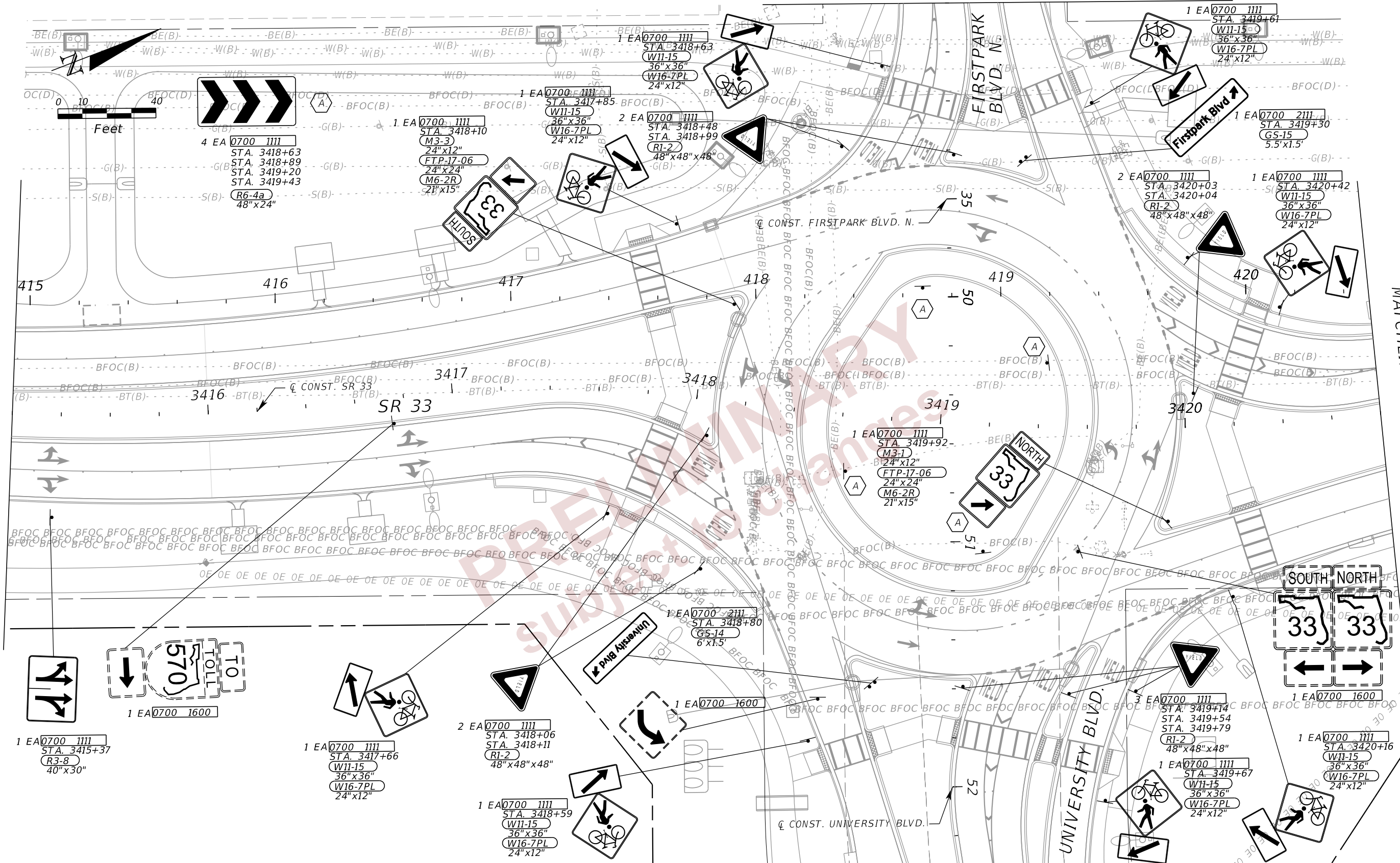
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 34+20.00 Q CONST. FIRST PARK BLVD.

MATCHLINE STA. 3415+20.00

MATCHLINE STA. 3420+80.00

MATCHLINE STA. 52+32.54 Q CONST. UNIVERSITY BLVD.

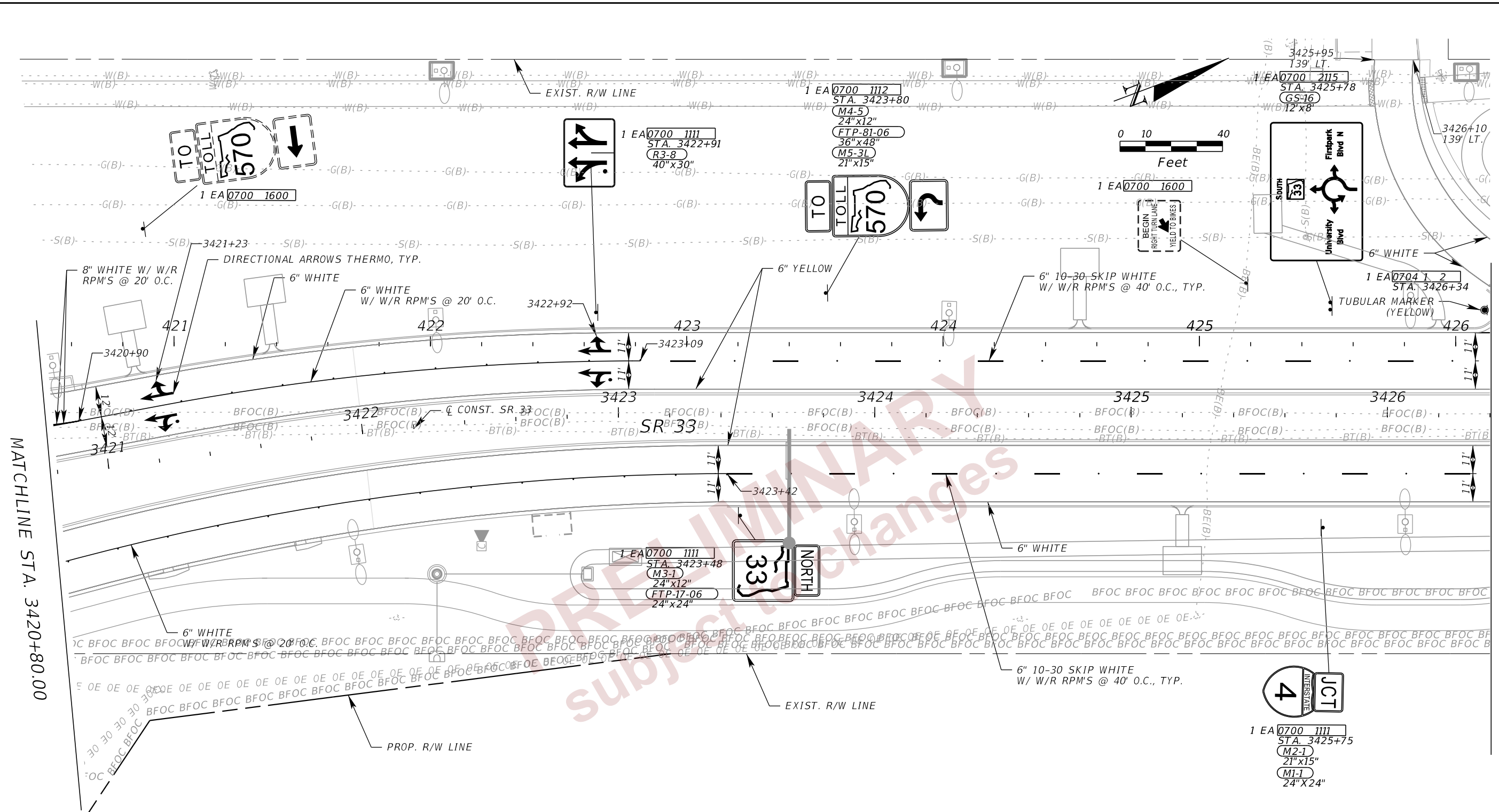


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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01		

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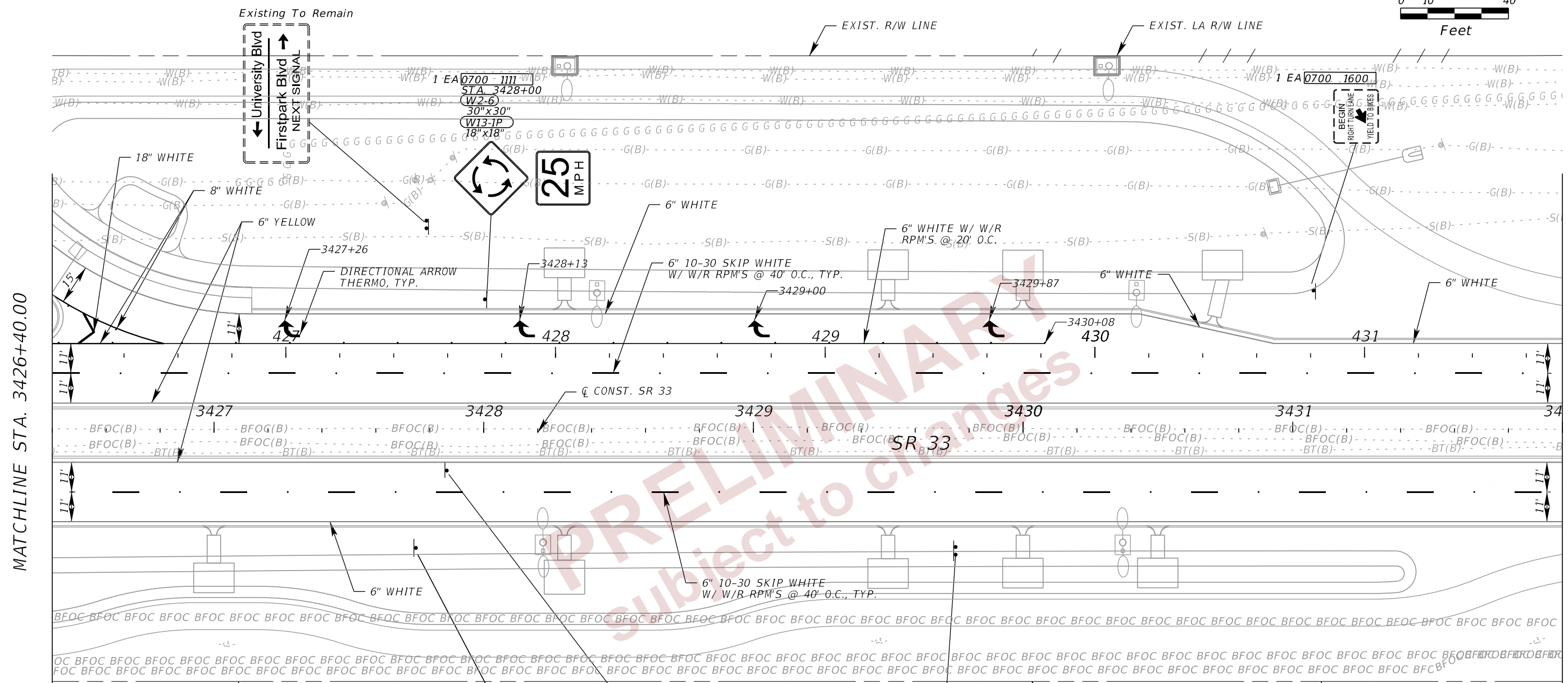
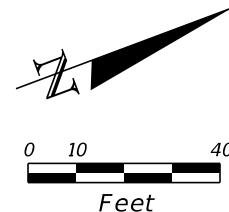


MATCHLINE STA. 3420+80.00

MATCHLINE STA. 3426+40.00

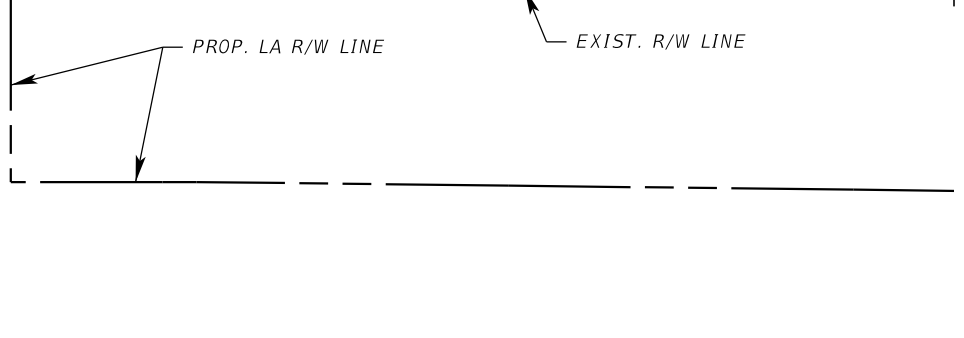
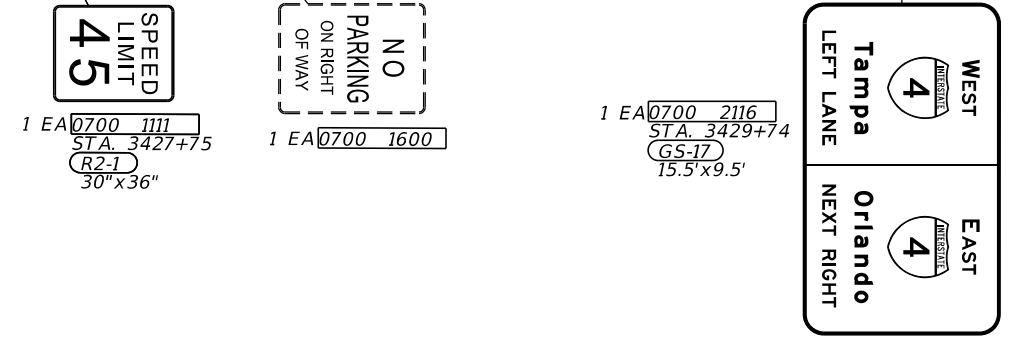
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN							S-23

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MATCHLINE STA. 3426+40.00

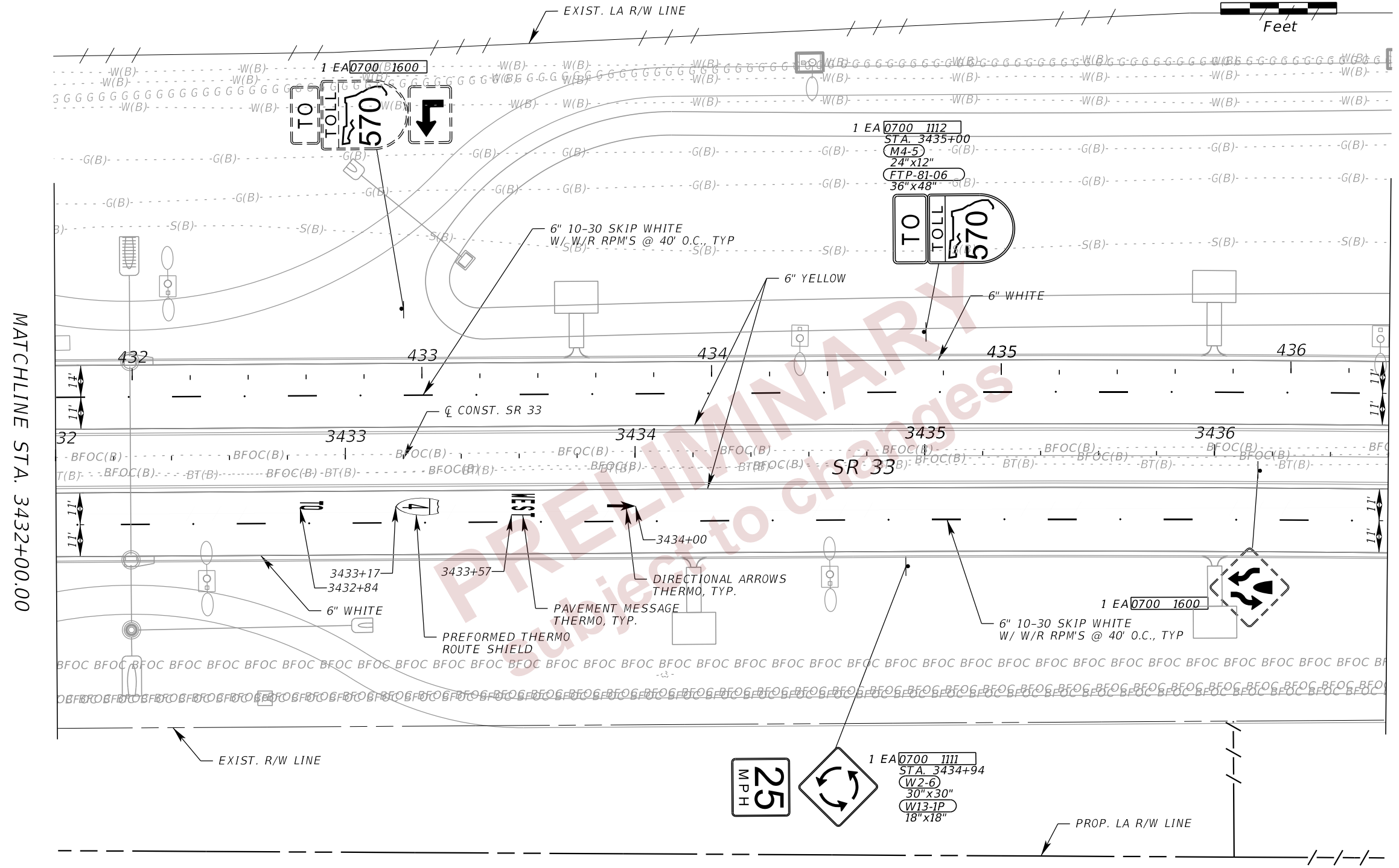
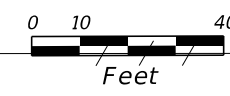
MATCHLINE STA. 3432+00.00



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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN										S-24

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MATCHLINE STA. 3432+00.00

MATCHLINE STA. 3446+60.00

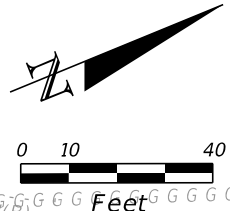
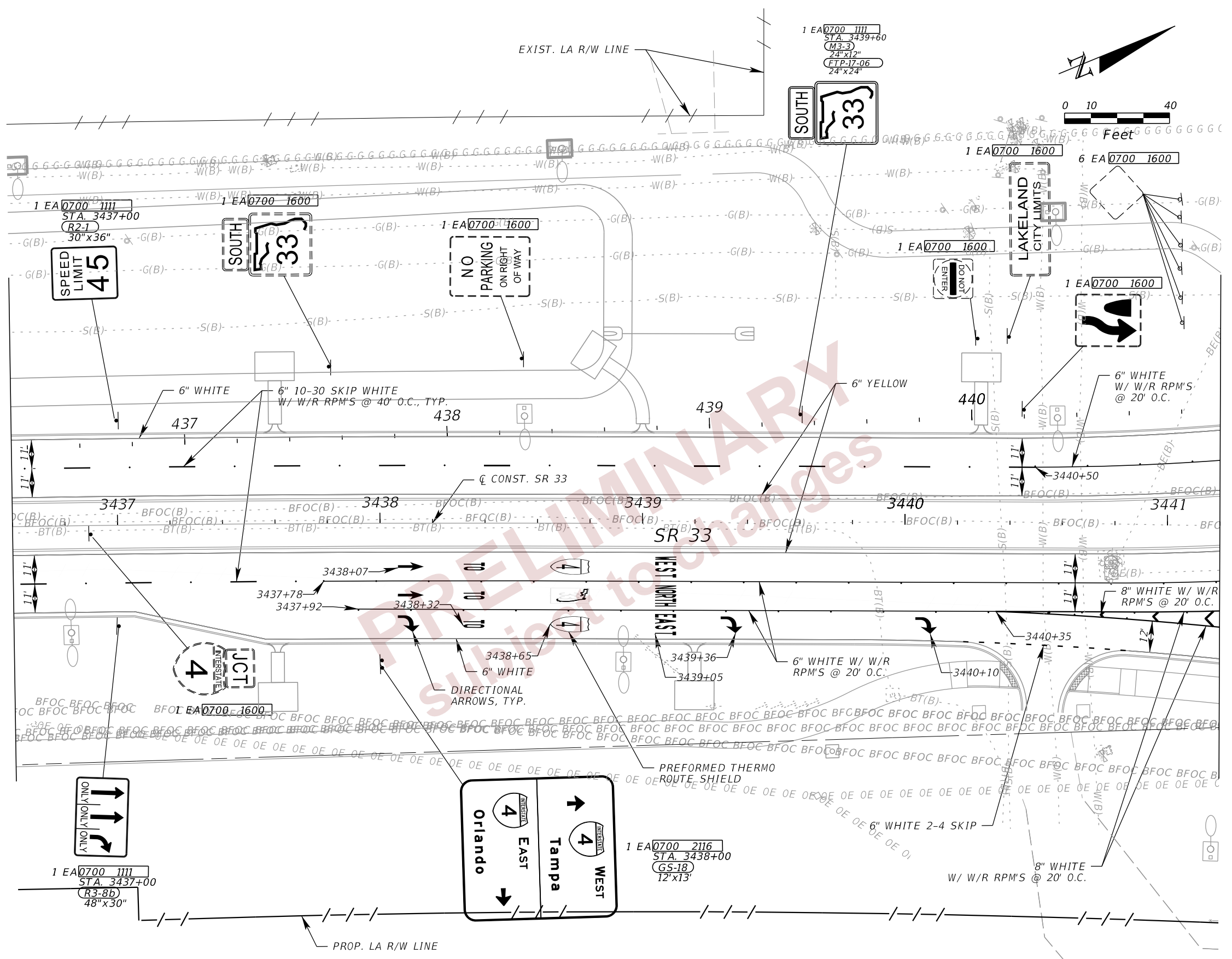
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-25
							SR 400	POLK	430185-3-52-01		

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

MATCHLINE STA. 3446+60.00

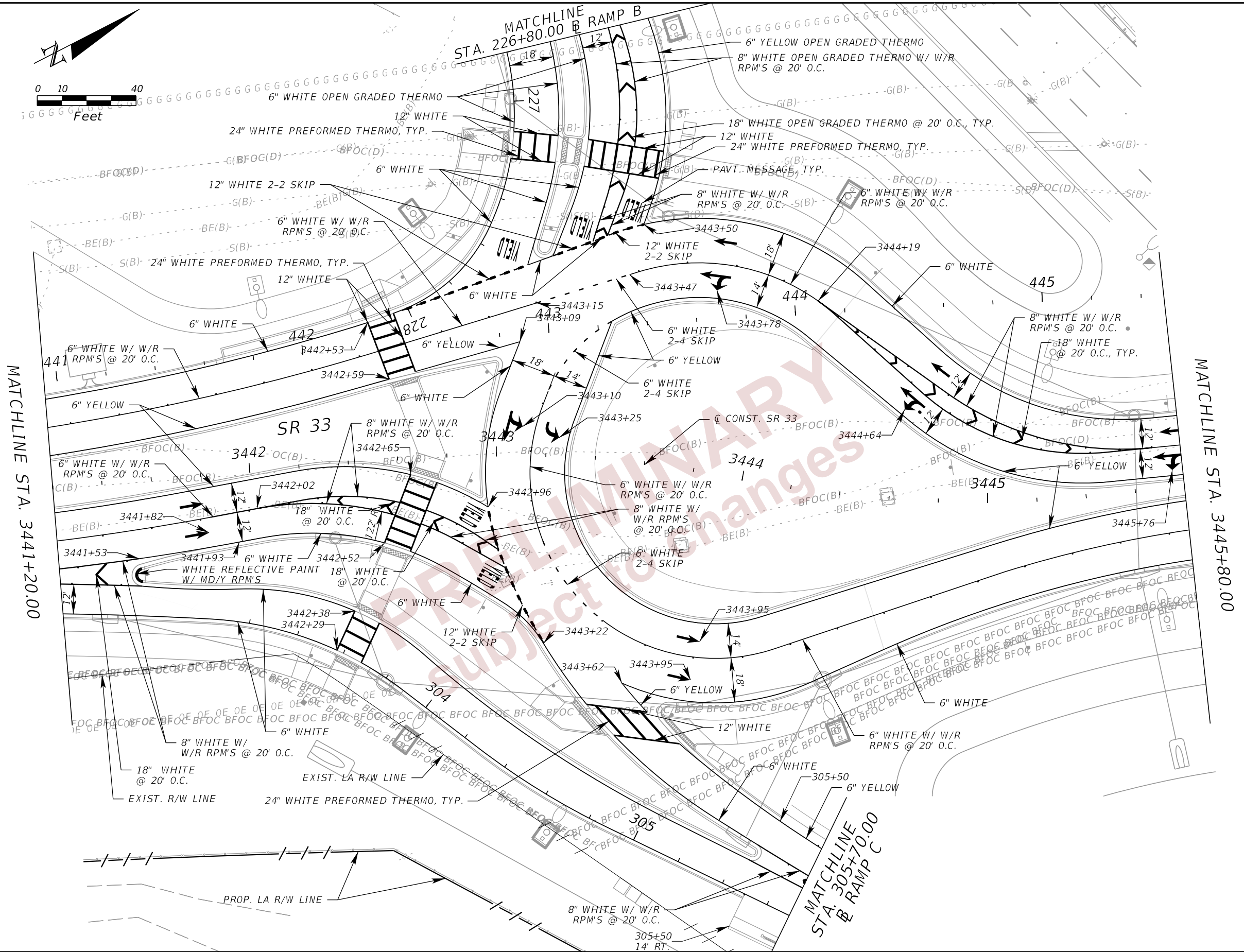
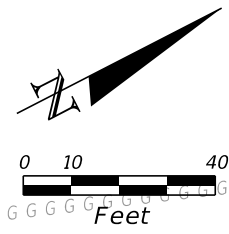
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01		S-26

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

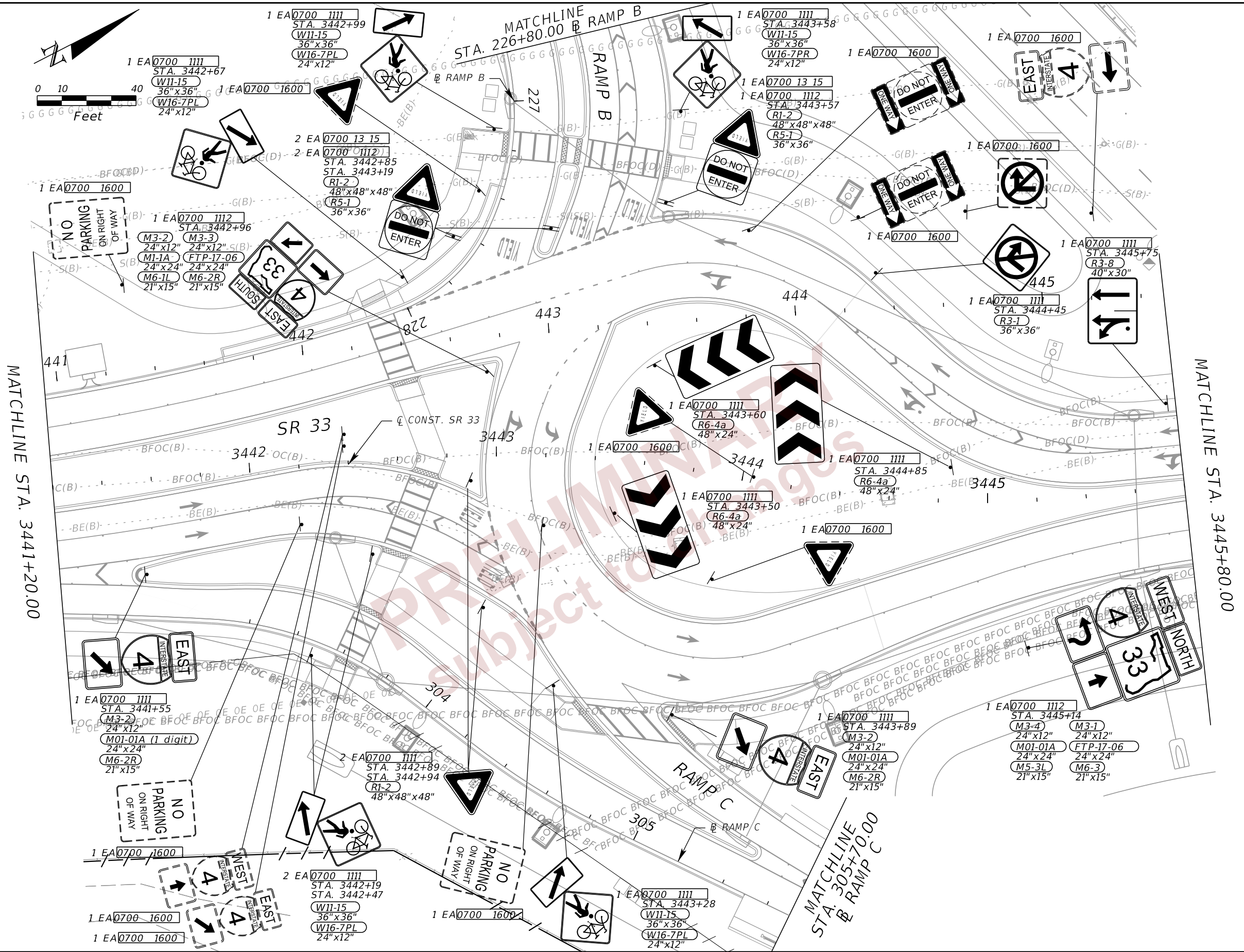
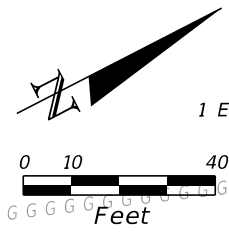
ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-27

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 19G15-23.004, F.A.C.



MATCHLINE STA. 3441+20.00

MATCHLINE STA. 3445+80.00

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

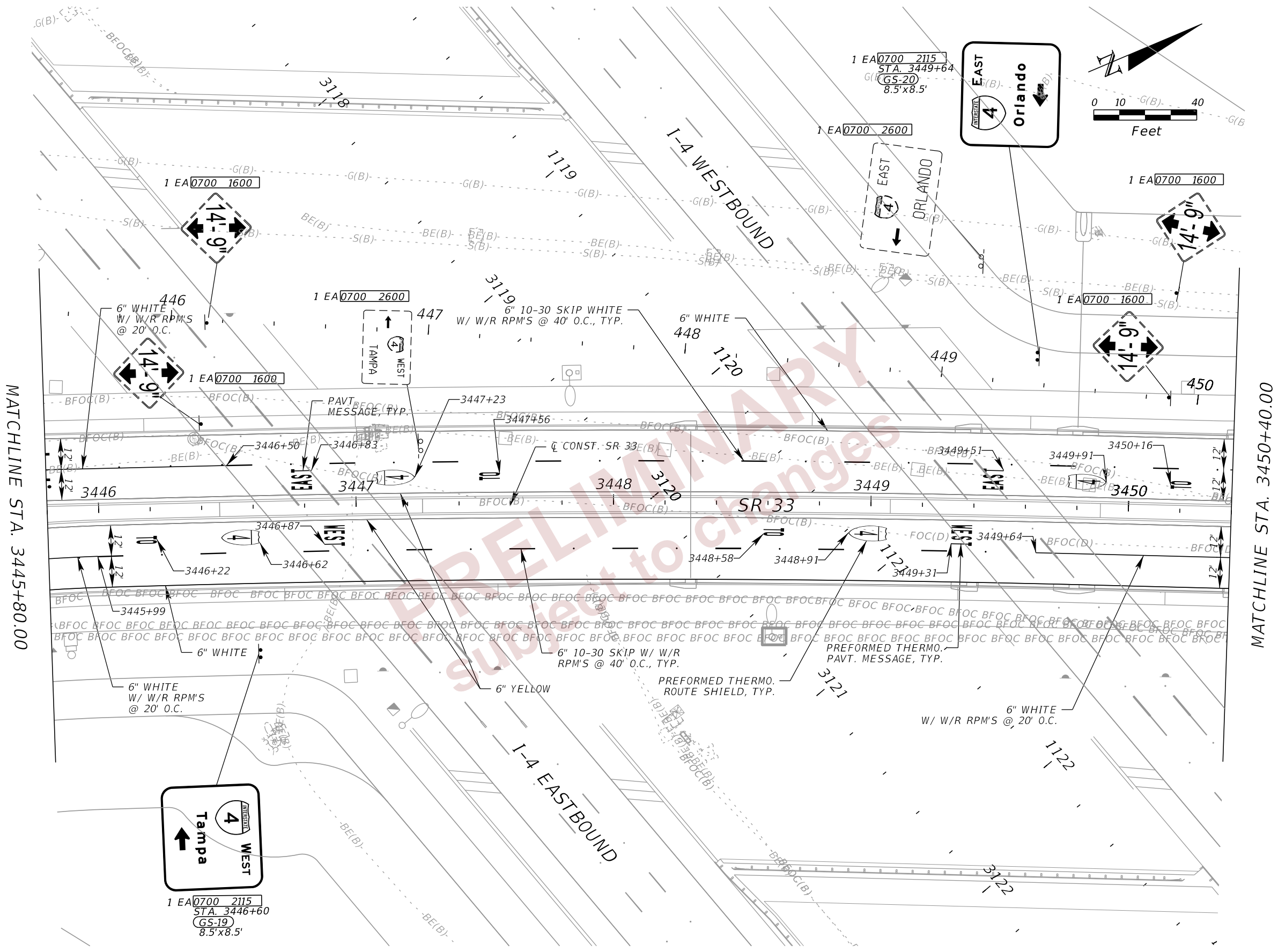
ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**SIGNING AND PAVEMENT
MARKING PLAN**

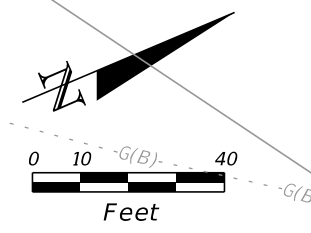
SHEET NO.
S-28

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



MATCHLINE STA. 3445+80.00

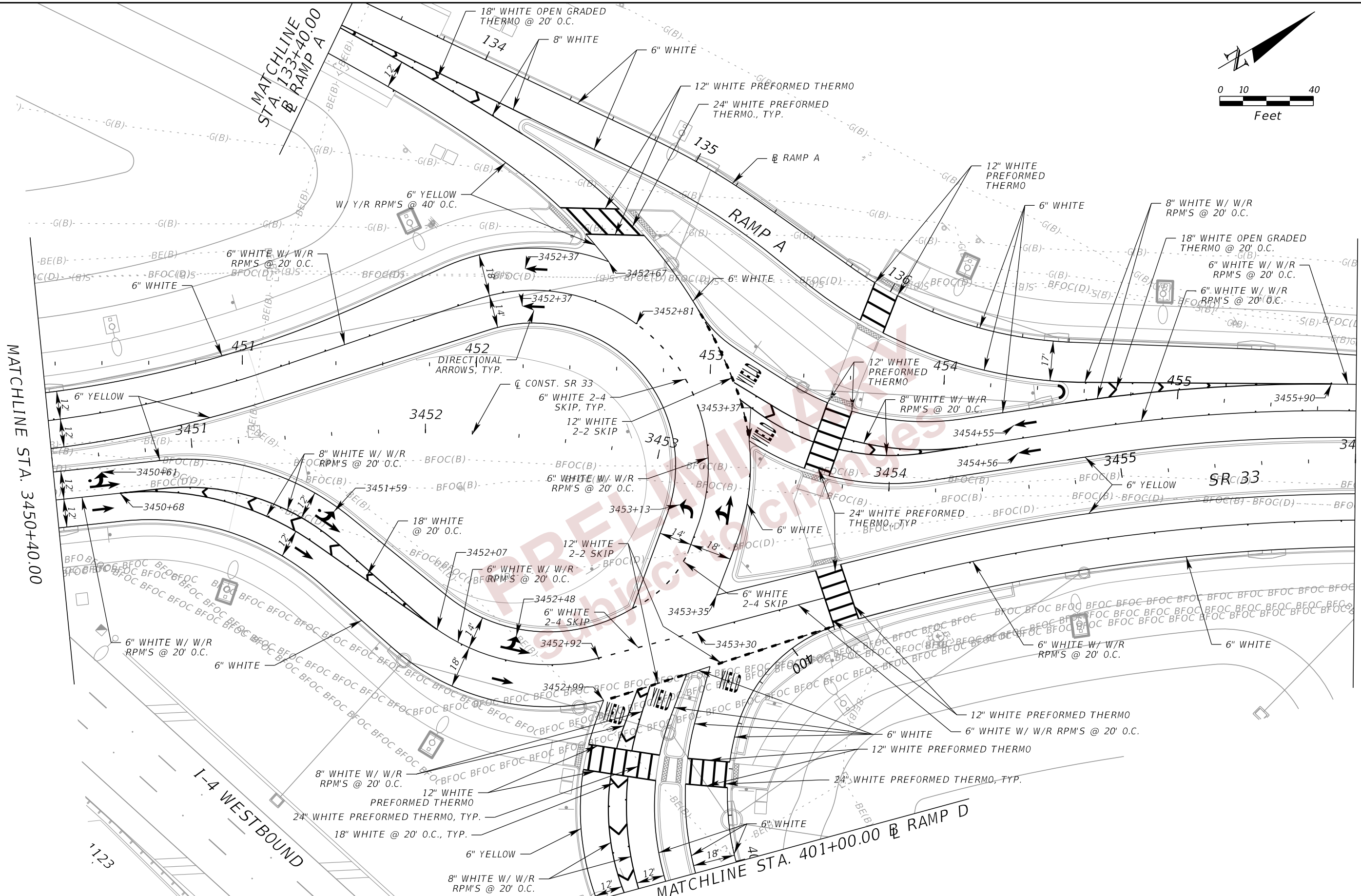
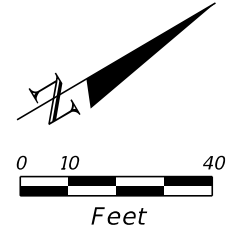
MATCHLINE STA. 3450+40.00



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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. S-29
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01		

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



REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

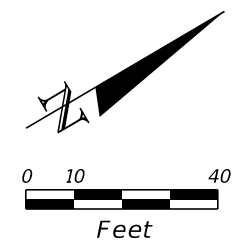
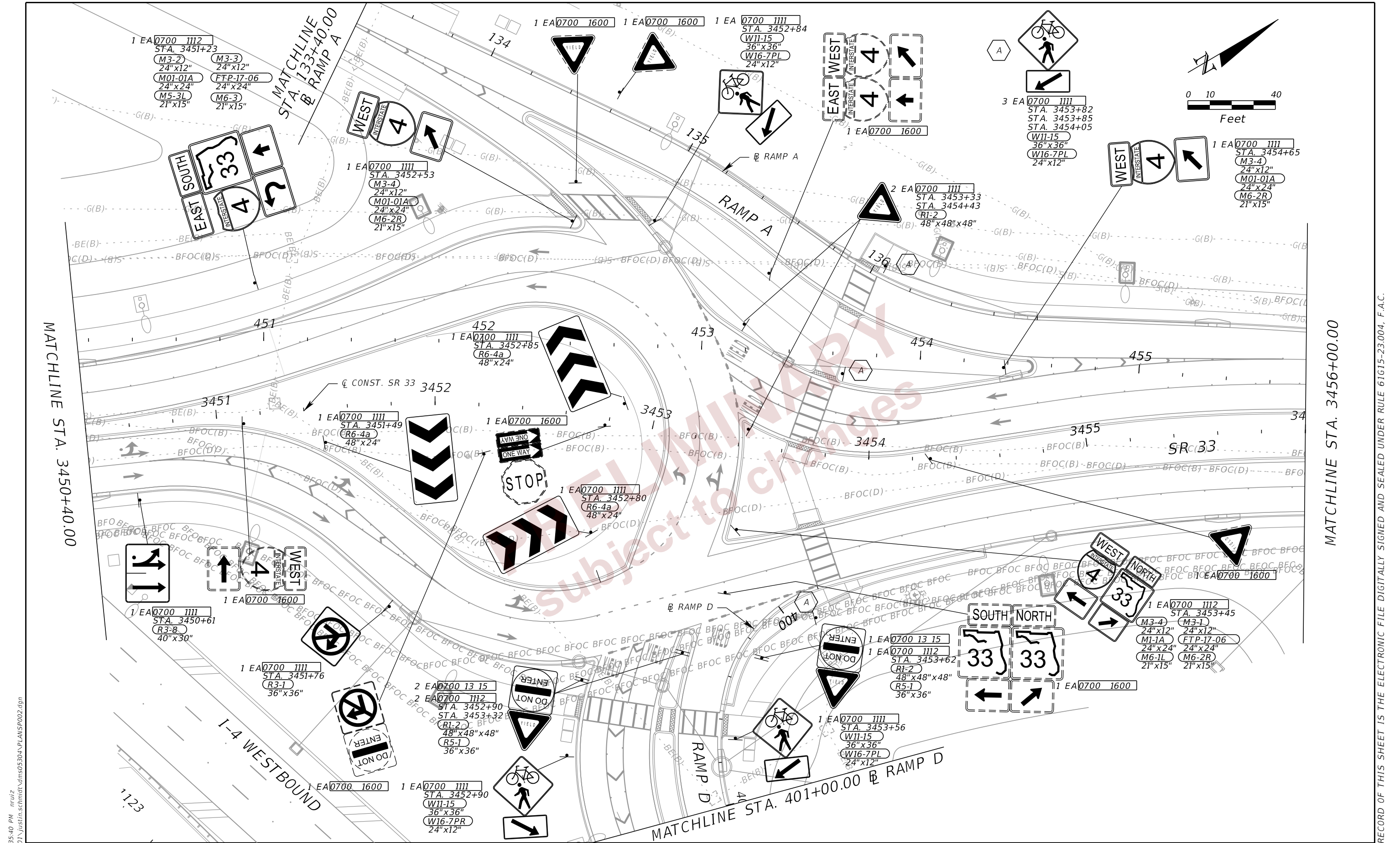
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-30

2/28/2024 4:35:40 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms05304\PLANS\002.dgn

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MATCHLINE STA. 3450+40.00

MATCHLINE STA. 3456+00.00

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

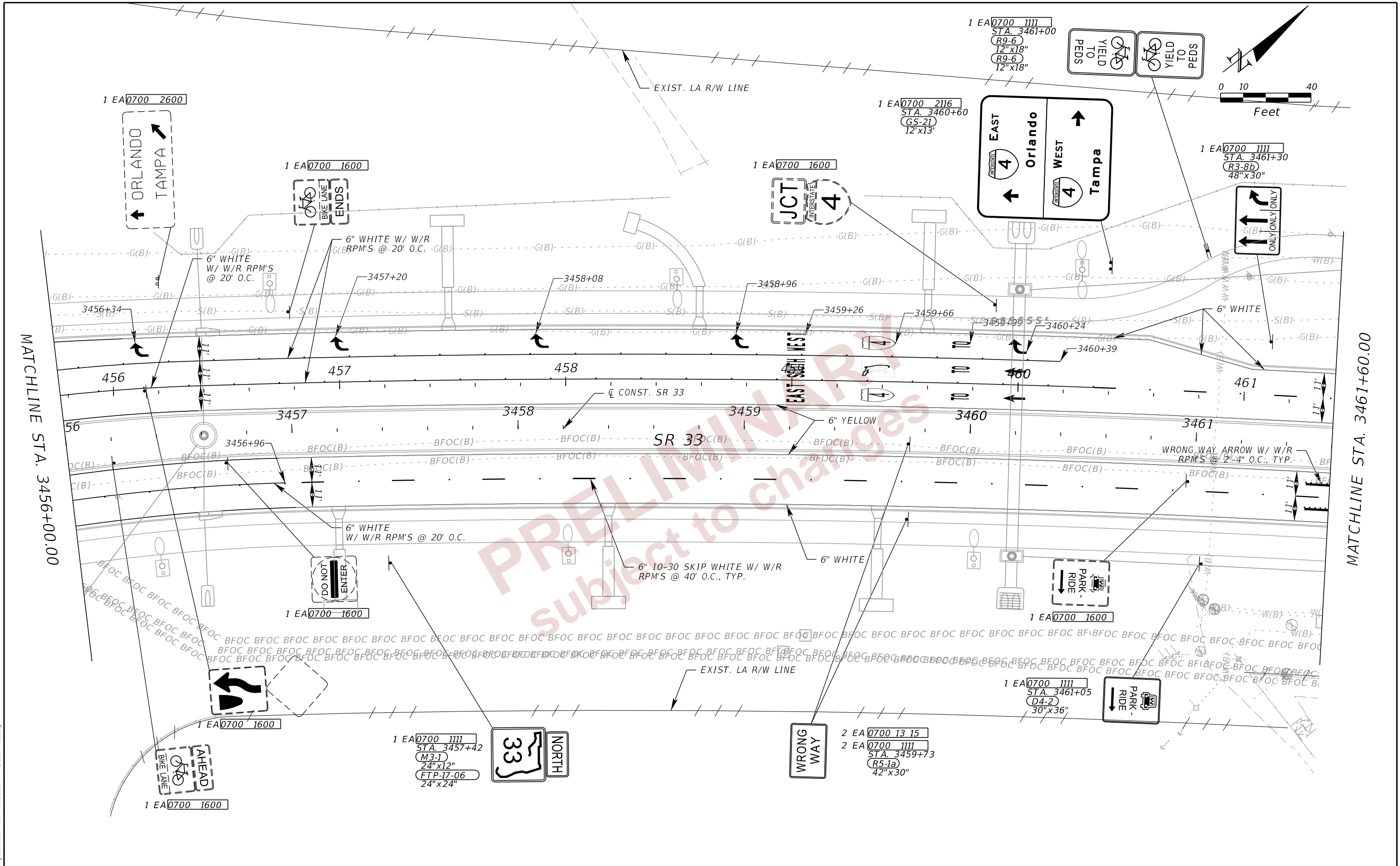
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-31

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

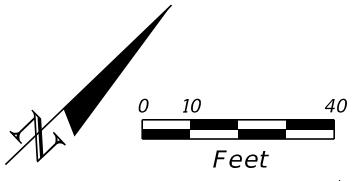
2/28/2024 4:35:41 PM nruiz
 c:\bms\aimengr-pw-01\justin.schmidt\dms05304-PLANS002.dgn



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 400	POLK	430185-3-52-01	

SIGNING AND PAVEMENT MARKING PLAN

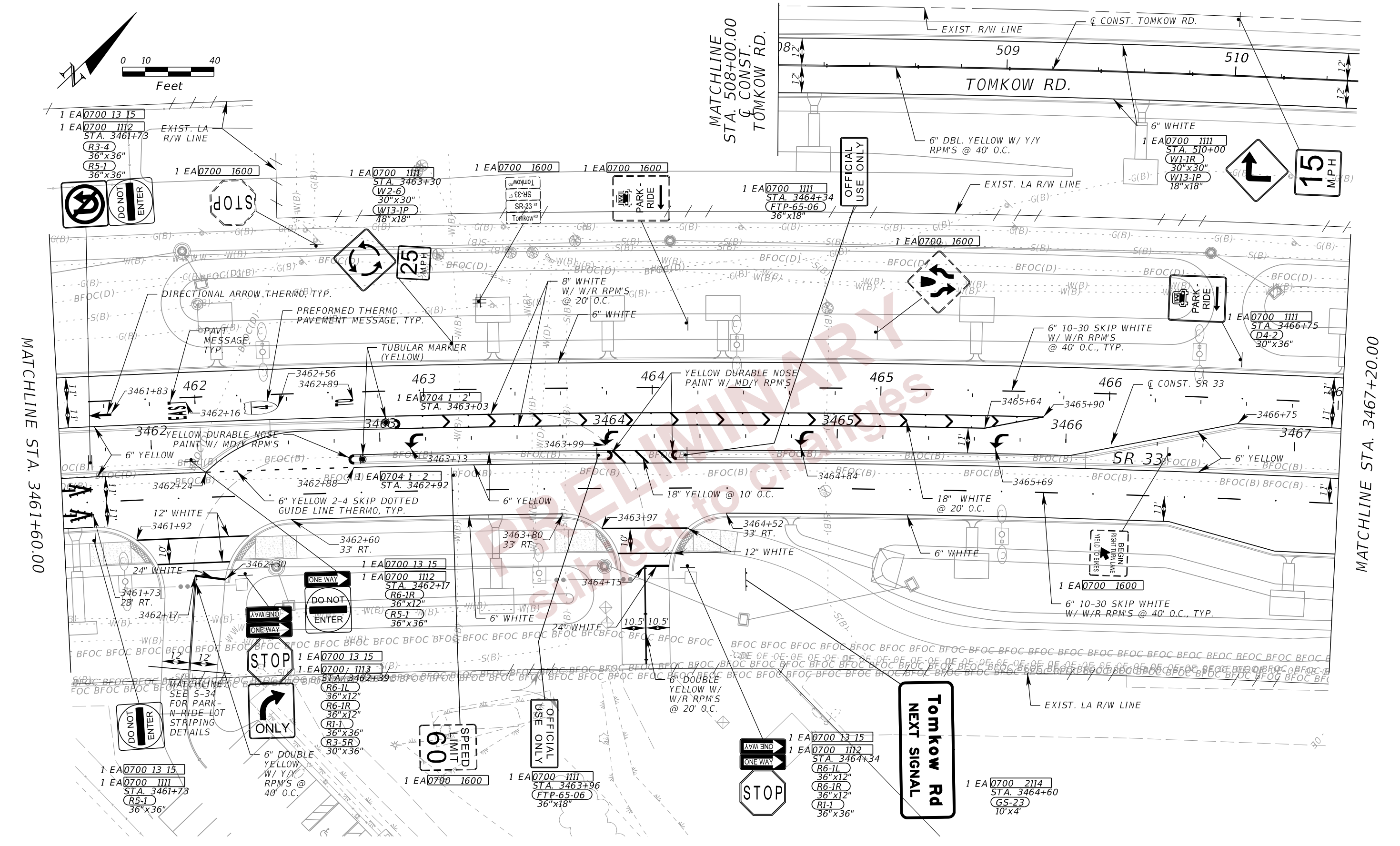
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE
STA. 508+00.00
CONST.
TOMKOW RD.

MATCHLINE STA. 3461+60.00

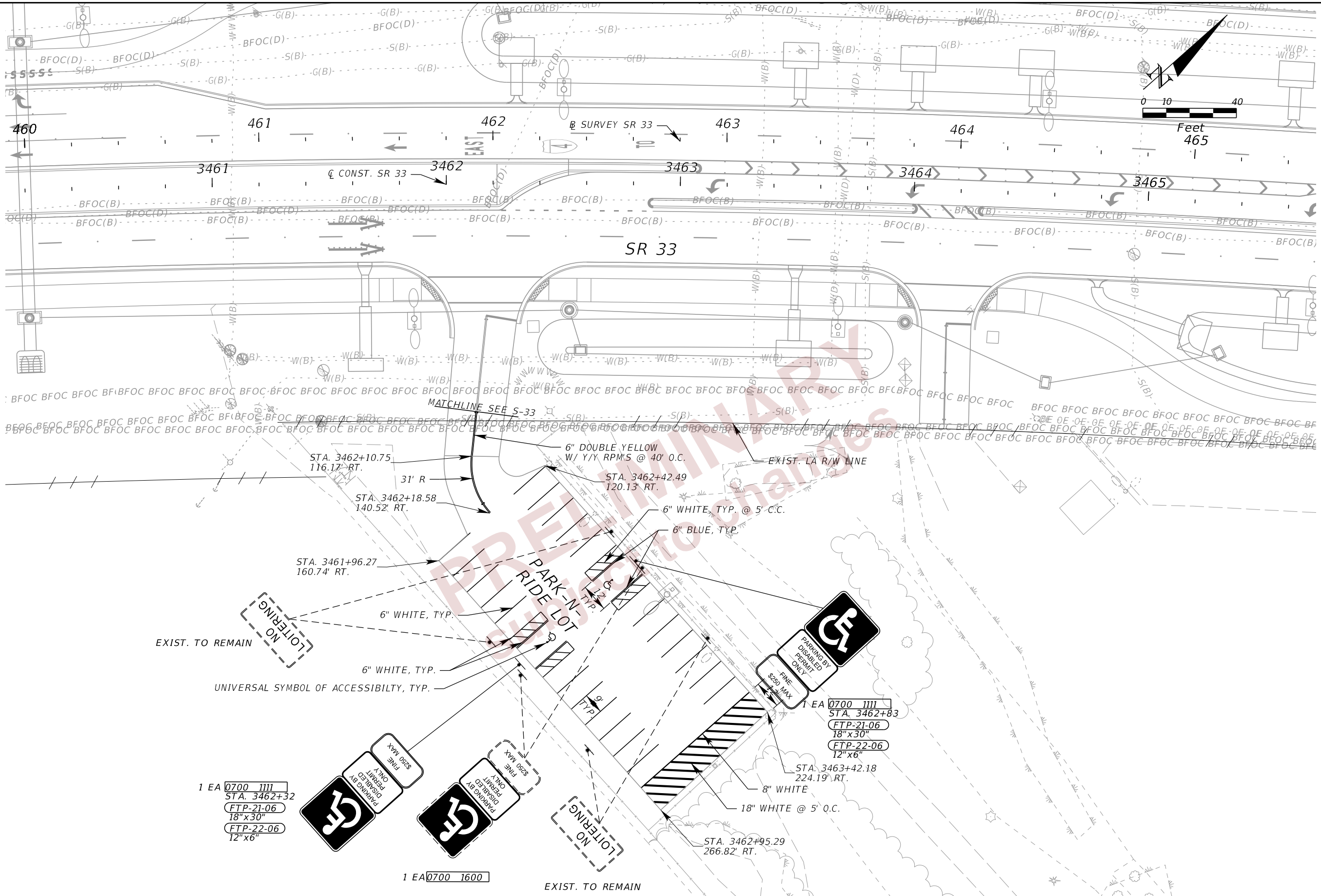
MATCHLINE STA. 3467+20.00



2/28/2024 4:35:41 PM nruiz c:\bms\aimengr-pw-01\nicholas ruiz\dms05304\PLANS\002.dgn

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

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01	S-33
				SIGNING AND PAVEMENT MARKING PLAN			



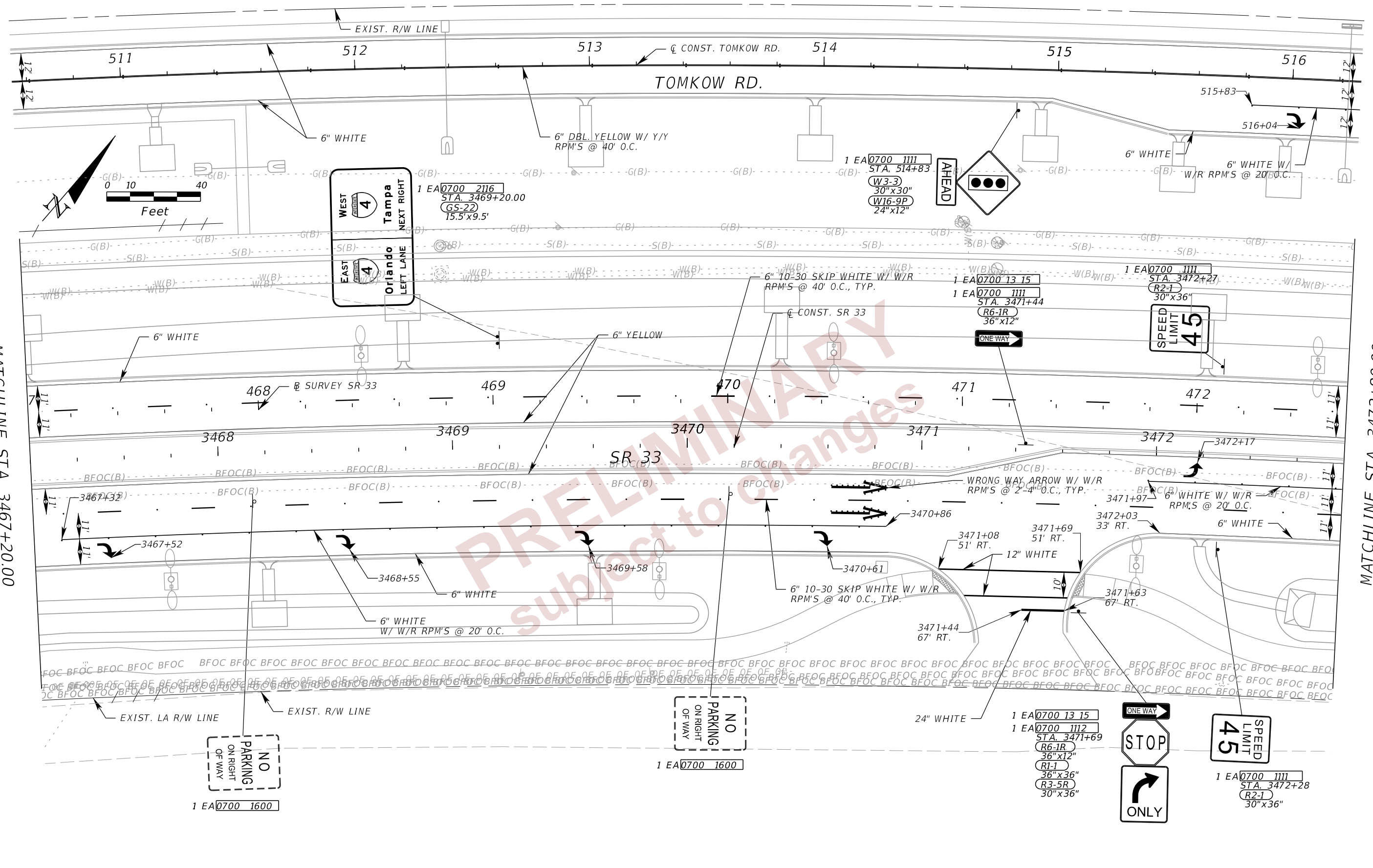
2/28/2024 4:35:42 PM nruiz c:\bms\aimengr-pw-01\nicholas ruiz\dms05304\PLANS\002.dgn

REVISIONS		REVISIONS		ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01	S-34

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

MATCHLINE STA. 3467+20.00

MATCHLINE STA. 3472+80.00



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REVISIONS		ENGINEER OF RECORD	
DATE	DESCRIPTION	DATE	DESCRIPTION

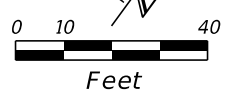
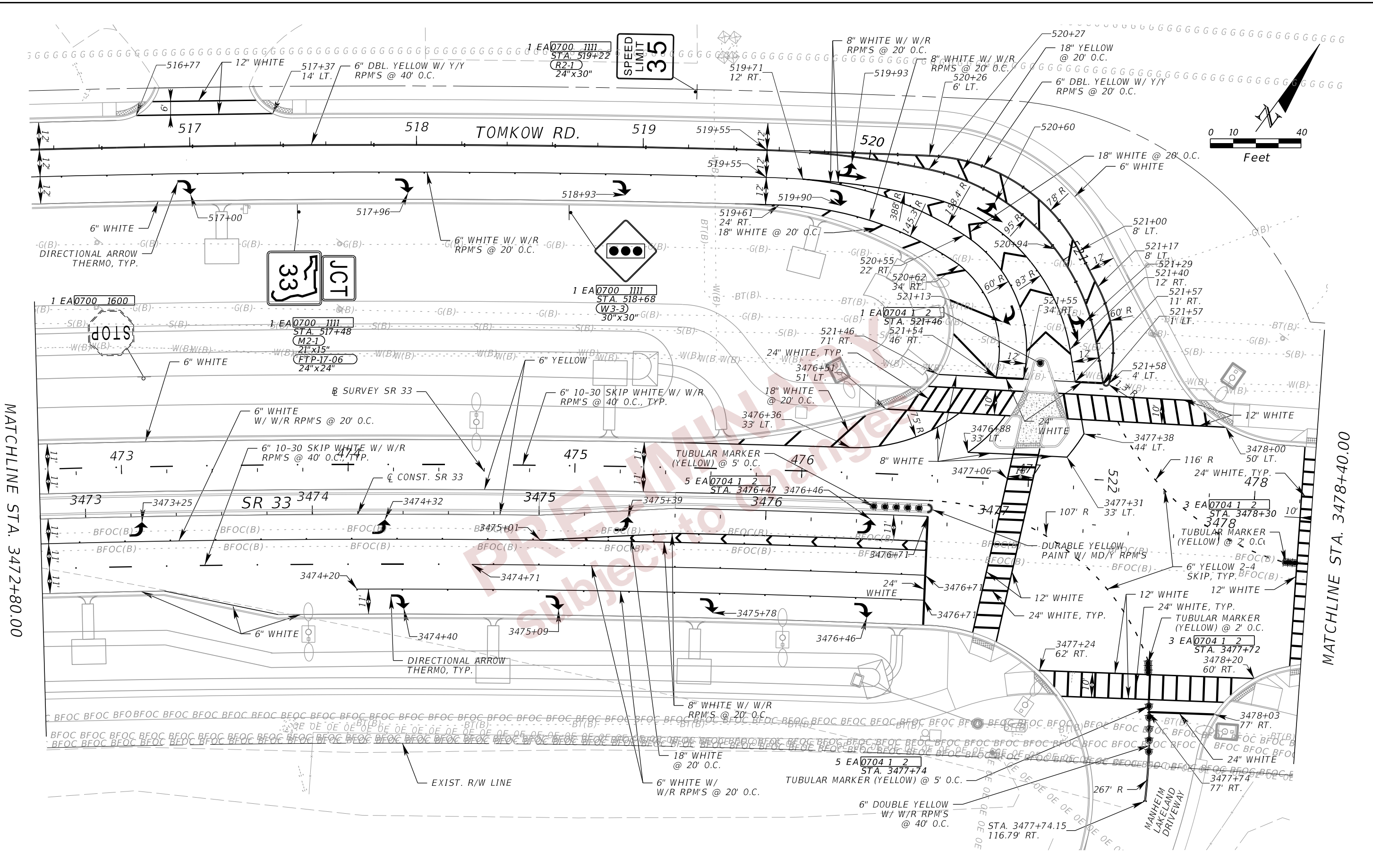
SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-35

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



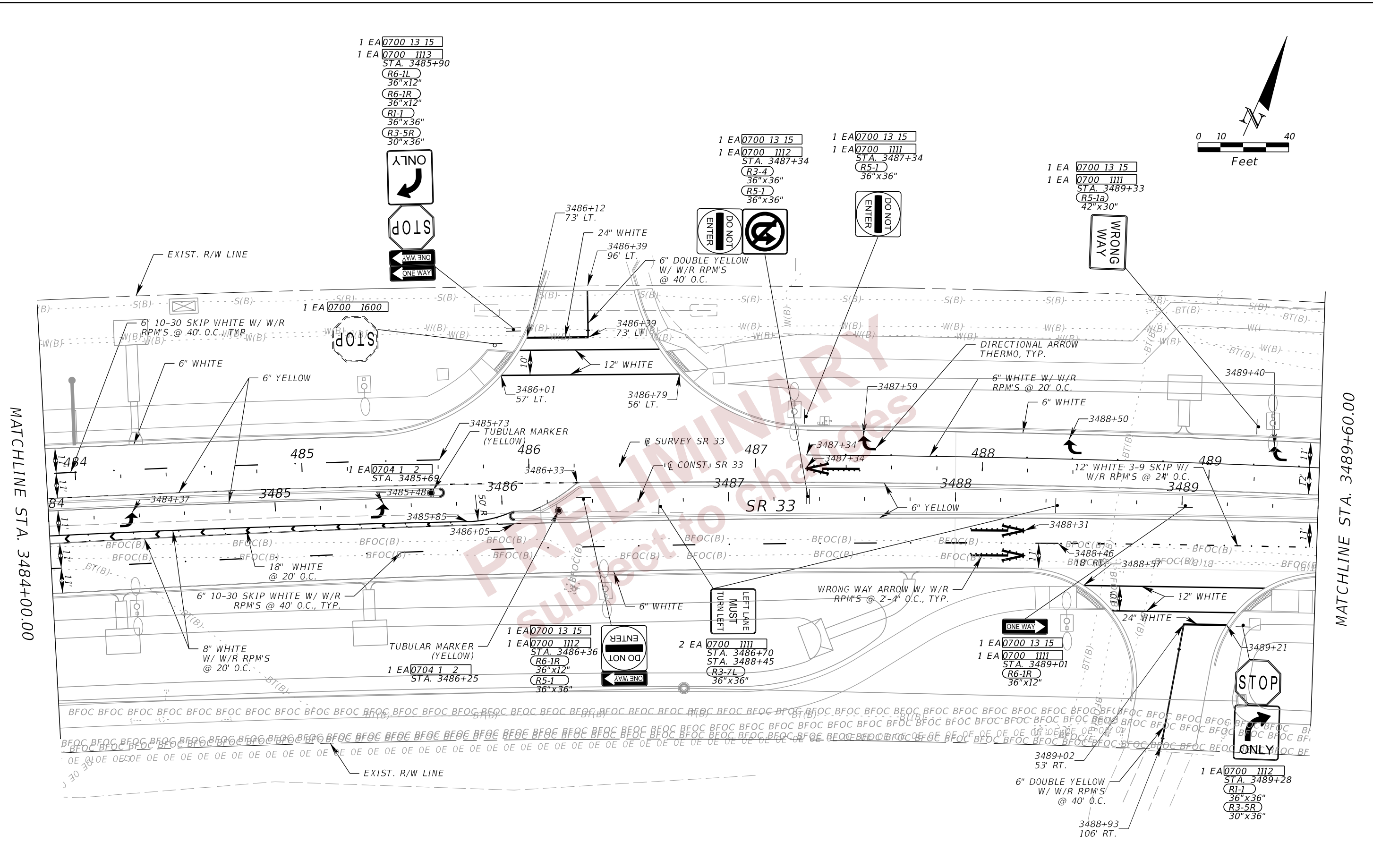
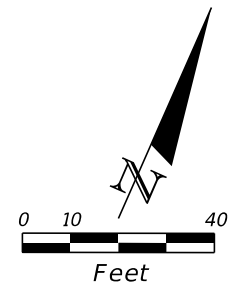
MATCHLINE STA. 3472+80.00

MATCHLINE STA. 3478+40.00

2/28/2024 4:35:43 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms0304-PLANS002.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN									S-36

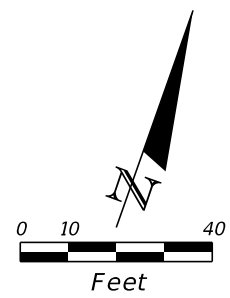
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN							S-38

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**Tomkow Rd
NEXT SIGNAL**

1 EA 0700 2114
STA. 3490+02
(GS-23)
10'x4'

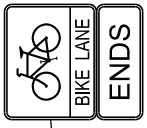
1 EA 0700 1111
STA. 3490+20
(R3-7L)
36"x36"

LEFT LANE
MUST
TURN LEFT

1 EA 0700 1111
STA. 3490+68
(R4-7)
24"x30"
(OM1-3)
18"x18"



EXIST. R/W LINE



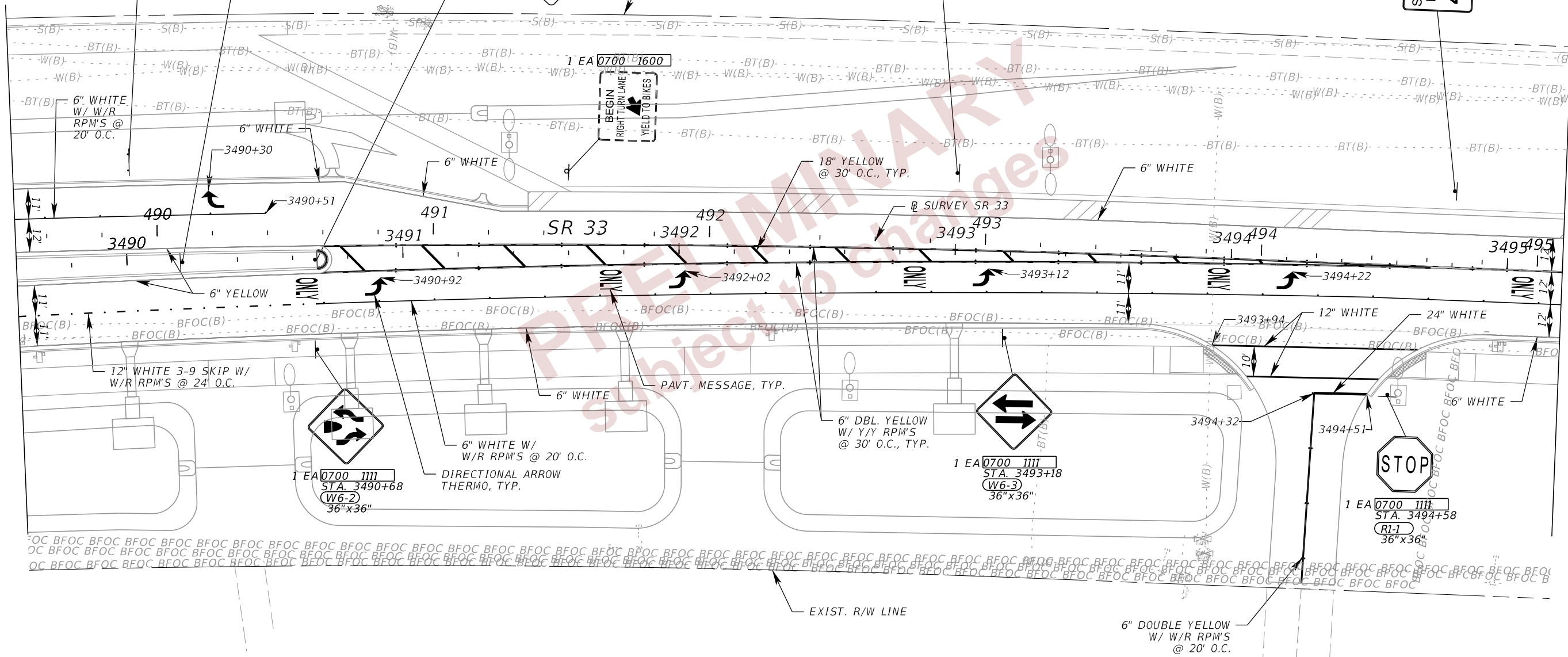
1 EA 0700 1111
STA. 3493+00
(R3-17)
24"x18"
(R3-17bP)
24"x8"

1 EA 0700 1111
STA. 3495+63
(R2-1)
30"x36"

SPEED
LIMIT
45

MATCHLINE STA. 3489+60.00

MATCHLINE STA. 3495+20.00

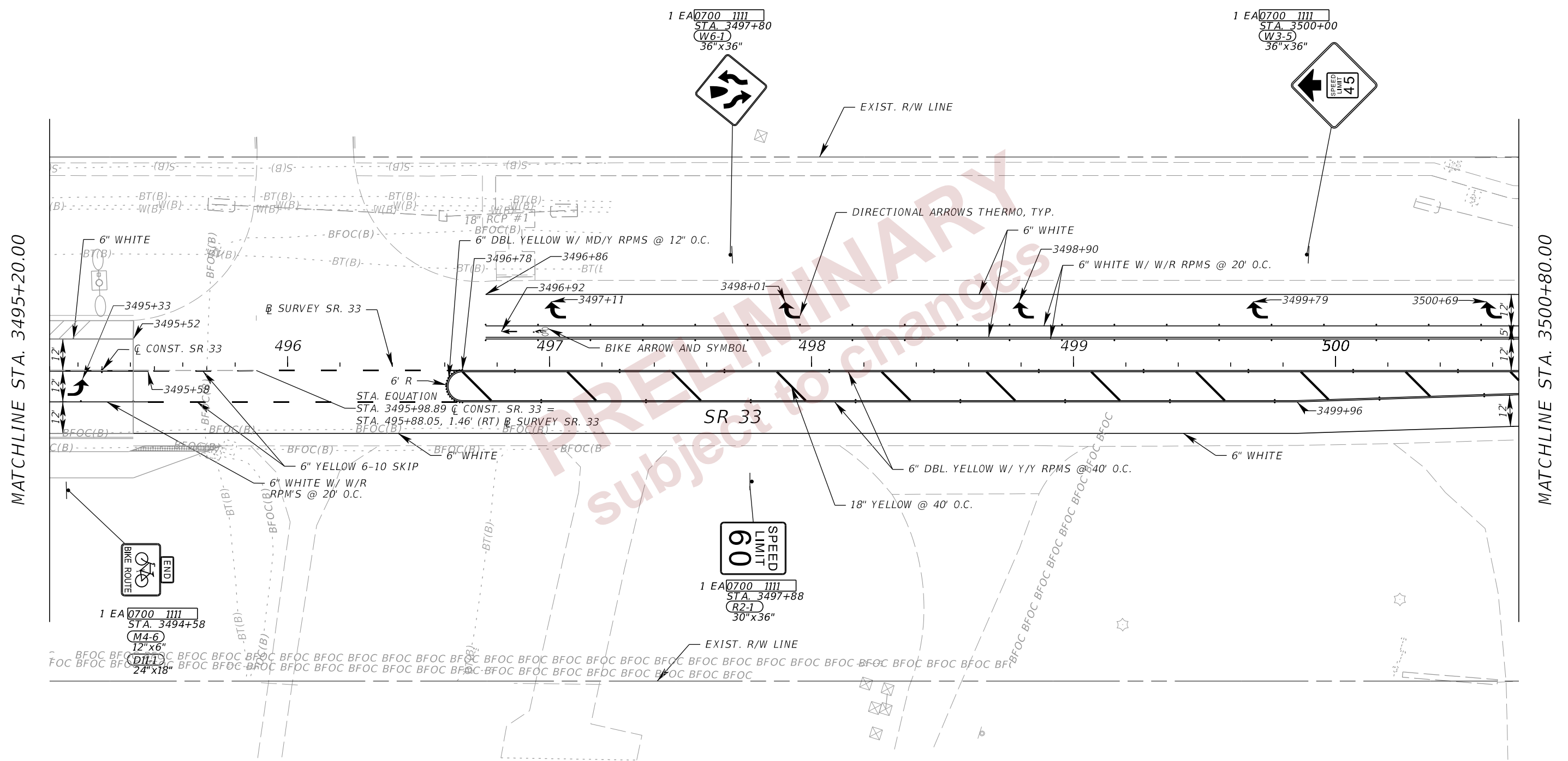
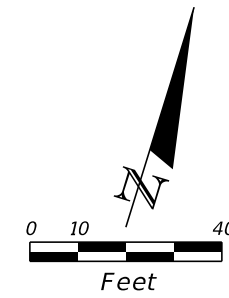


2/28/2024 4:35:45 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms05304\PLANS\002.dgn

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 400	POLK	430185-3-52-01	S-39

**SIGNING AND PAVEMENT
MARKING PLAN**

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

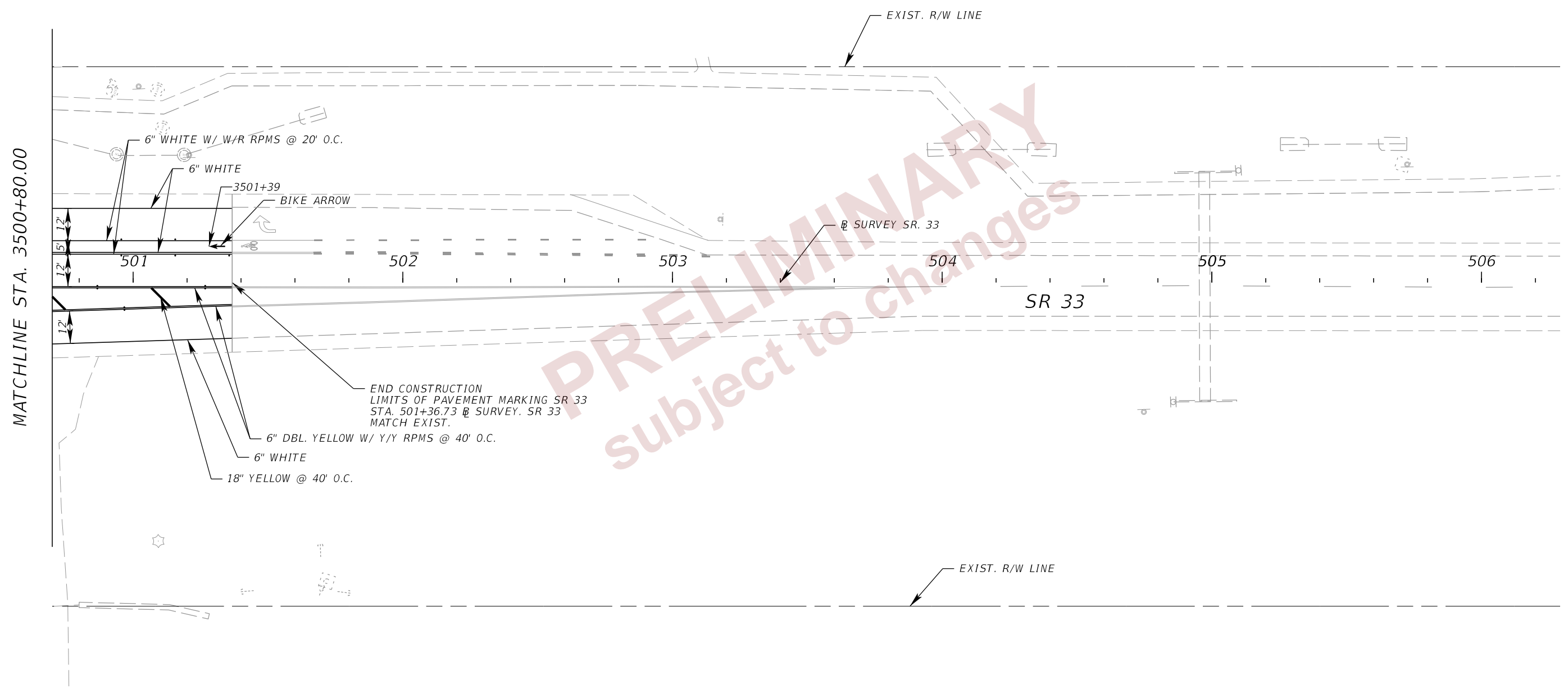
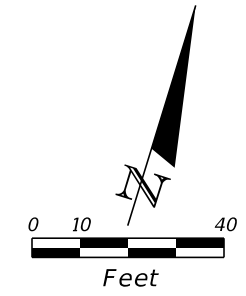


2/28/2024 4:35:46 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms05304\PLANS\002.dgn

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

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			SR 400	POLK	430185-3-52-01	S-40

**SIGNING AND PAVEMENT
MARKING PLAN**



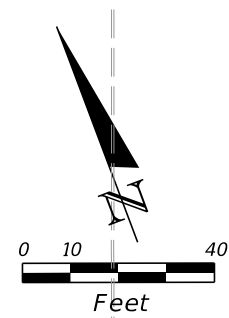
PRELIMINARY
 subject to changes

MATCHLINE STA. 3500+80.00

2/28/2024 4:35:46 PM nruiz
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-41
						SR 400	POLK	430185-3-52-01		

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



BEGIN CONSTRUCTION
LIMITS OF PAVEMENT MARKINGS
STA. 31+43.27 Q CONST. FIRST PARK BLVD N.
MATCH EXIST.

BEGIN CONSTRUCTION
BEGIN SIGNING AND PAVEMENT MARKING SR 33
MATCH FPID 430185-4-52-01
STA. 3399+74.08 Q CONST. SR 33

MATCHLINE STA. 34+20.00
Q CONST. FIRST PARK BLVD.

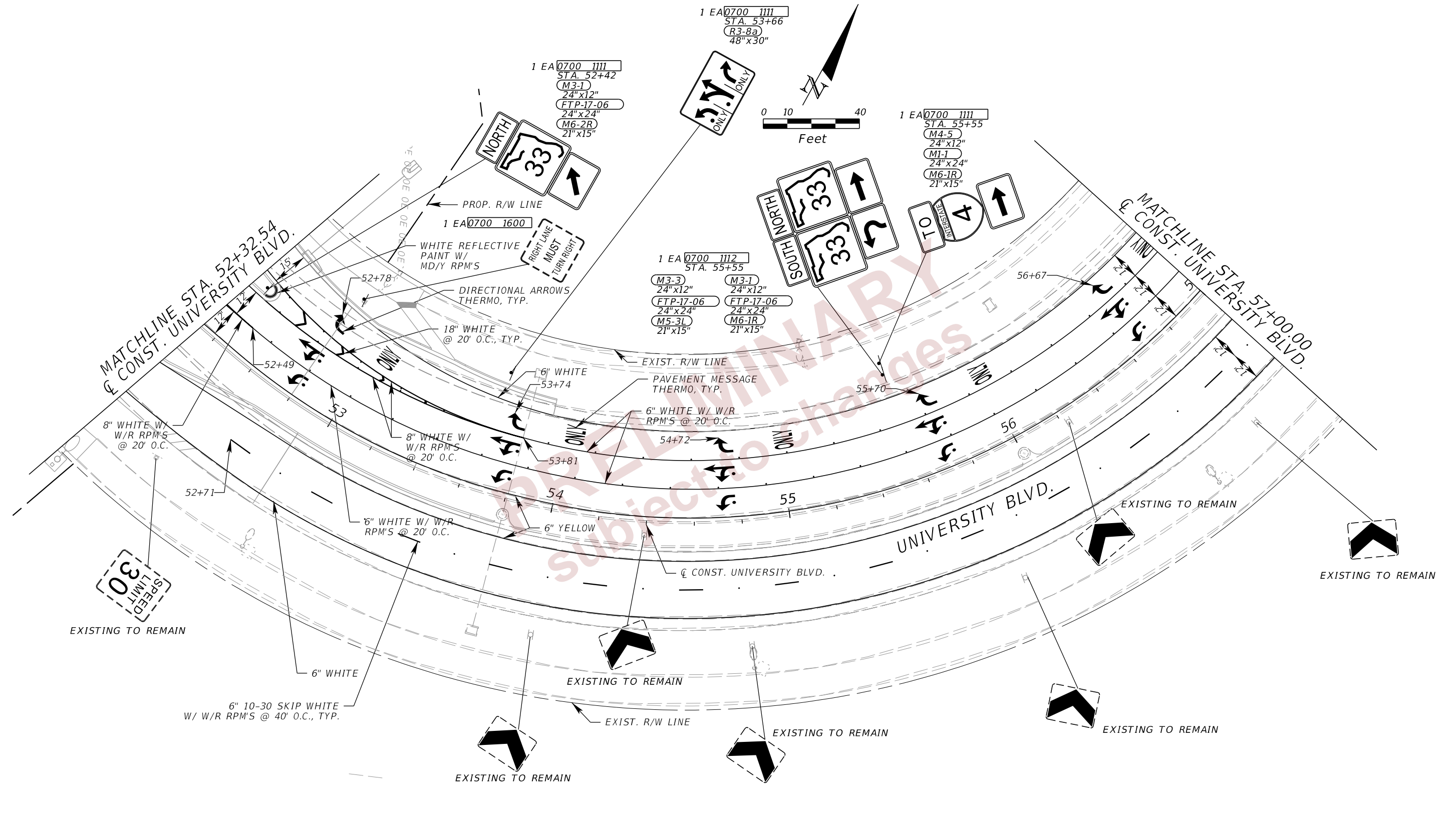
PRELIMINARY
Subject to changes

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-42
						SR 400	POLK	430185-3-52-01		

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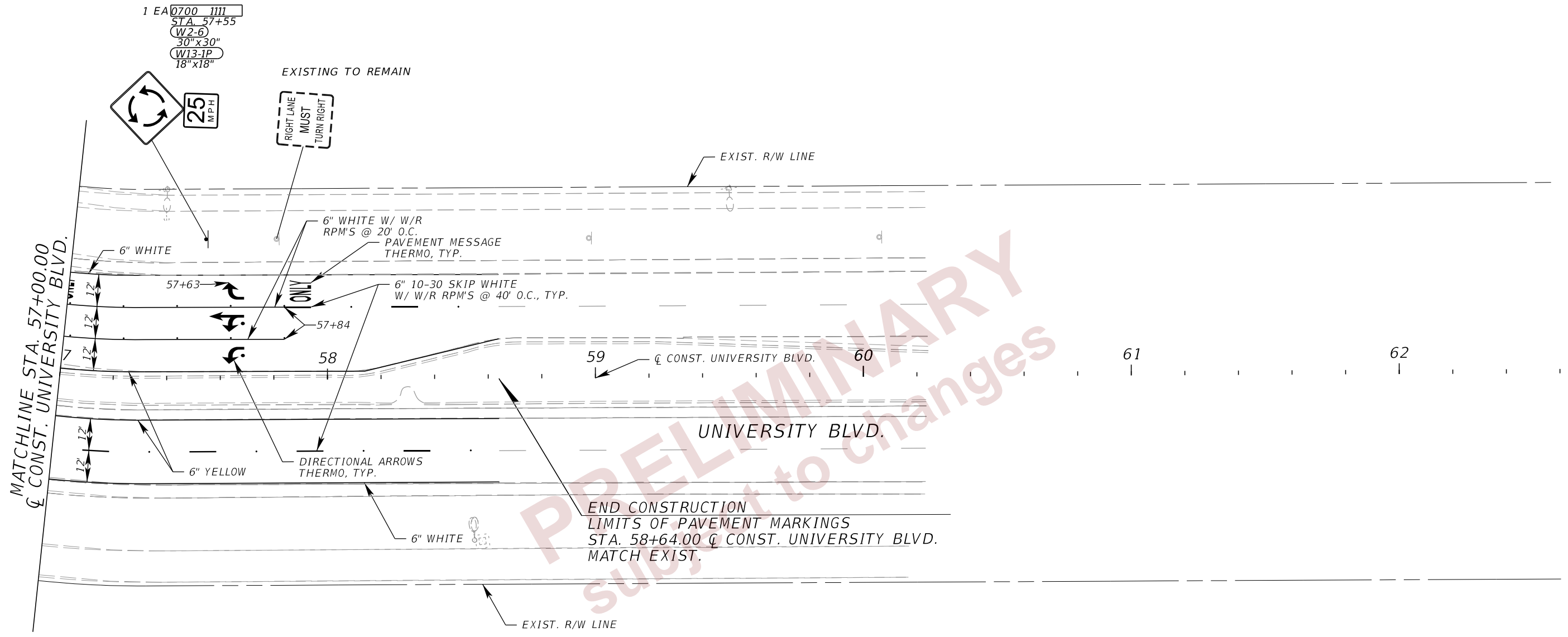
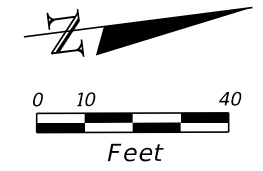
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

2/28/2024 4:35:47 PM nruiz
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 400	POLK	430185-3-52-01	
SIGNING AND PAVEMENT MARKING PLAN								S-43	

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



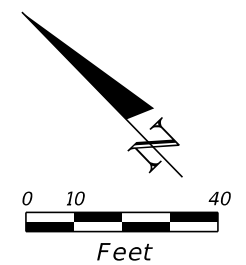
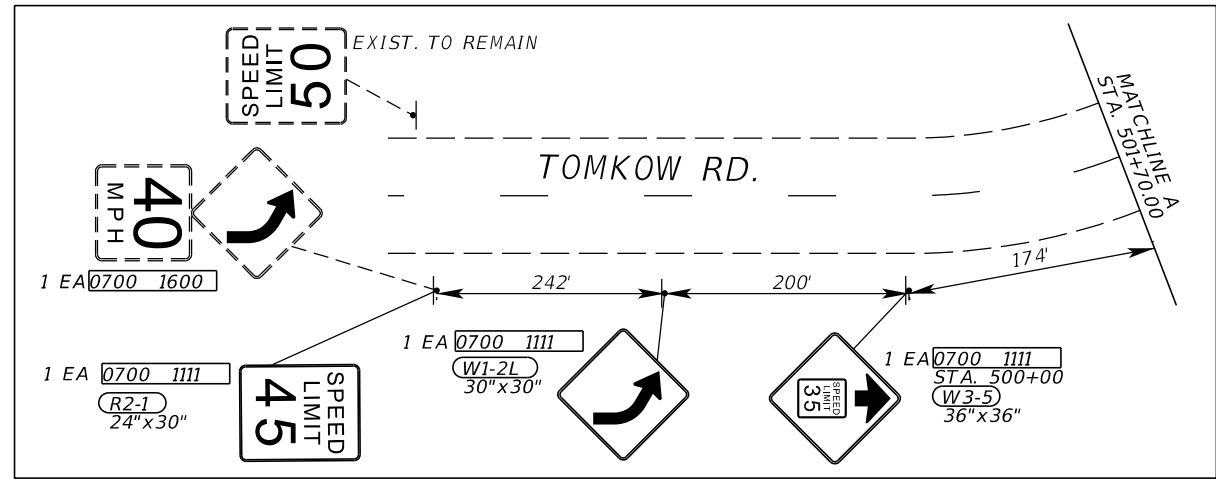
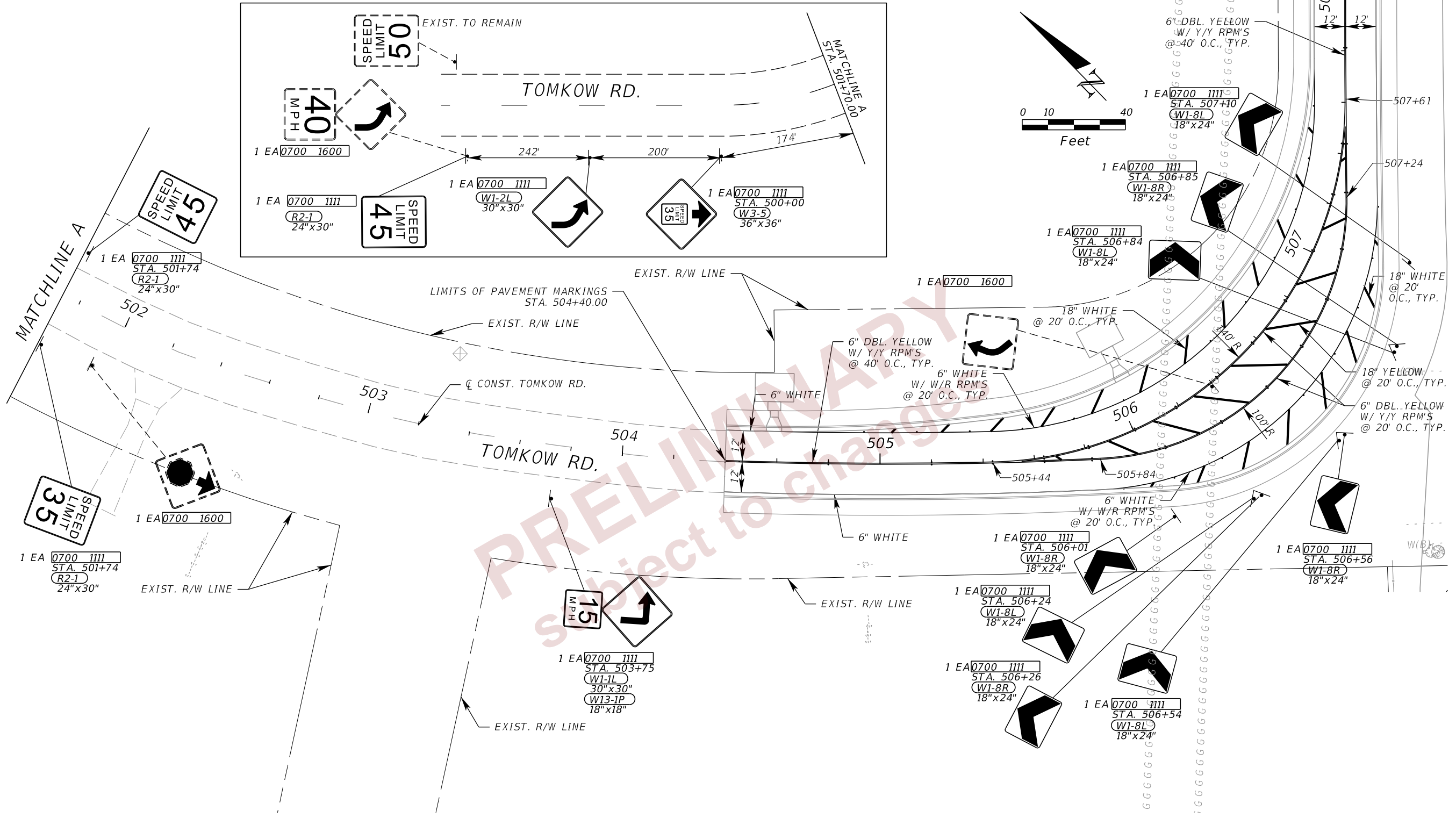
PRELIMINARY
 subject to changes

2/28/2024 4:35:47 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms05304\PLANS\002.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			SR 400	POLK		430185-3-52-01

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

MATCHLINE STA. 508+00.00
 CL CONST. TOMKOW RD.

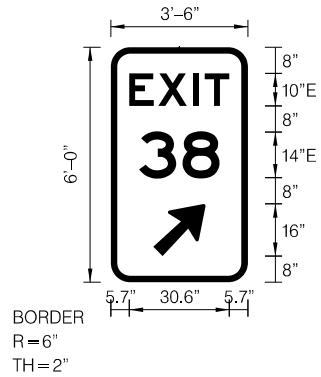


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. S-45
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 400	POLK	430185-3-52-01	SIGNING AND PAVEMENT MARKING PLAN			

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

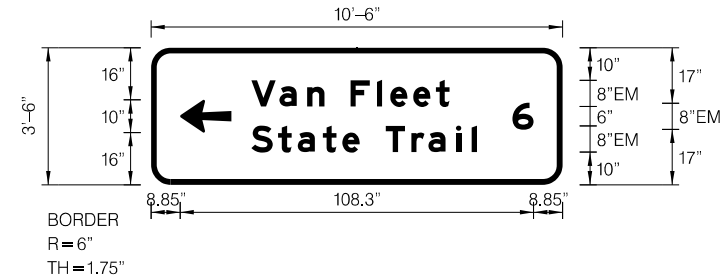
SIGN NAME	GS-5	QTY	1	SIGN NO.		STATION(S)	212+34
PANEL	BORDER						
WIDTH	3'-6"	WIDTH	2"				
HEIGHT	6'-0"	RADII	6"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR Type A	315	13	8	12.9	20.3		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	I	T	L									
SPACE	5.7	8.9	10.7	3.5	7.5	5.7	30.6							
COPY	3	8	L											
SPACE	8.7	13.3	11.3	8.7	24.6									
COPY	S	t	a	t	e	T	r	a	i	L				
SPACE	30.7	8.2	6	7.7	6	5.3	8	7.8	5.2	8.5	4.8	1.6	26.2	69

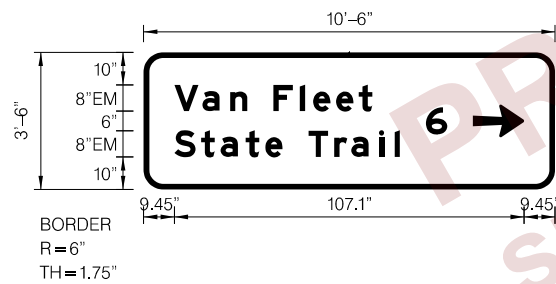
SIGN NAME	GS-6	QTY	1	SIGN NO.		STATION(S)	220+00
PANEL	BORDER						
WIDTH	10'-6"	WIDTH	1.75"				
HEIGHT	3'-6"	RADII	6"				
LEGEND	White	COLOR	White				
COLOR	Brown						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR Type A	90	8.9	16	10	15.8		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	20'	W6x12 W6x12	13.8'			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	V	a	n	F	l	e	e	t	L						
SPACE	30.7	8.6	8.5	5.3	8	8.1	4.1	7	7	4.2	34.6	60.6			
COPY	6	L													
SPACE	110.7	6.5	8.9	6.5											
COPY	S	t	a	t	e	T	r	a	i	L					
SPACE	30.7	8.2	6	7.7	6	5.3	8	7.8	5.2	8.5	4.8	1.6	26.2	69	

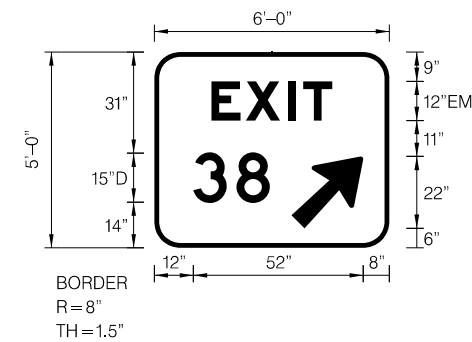
SIGN NAME	GS-7	QTY	1	SIGN NO.		STATION(S)	412+36
PANEL	BORDER						
WIDTH	10'-6"	WIDTH	1.75"				
HEIGHT	3'-6"	RADII	6"				
LEGEND	White	COLOR	White				
COLOR	Brown						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR Type A	270	100.8	16	10	15.8		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	20'	W6x12 W6x12	14.4'			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	V	a	n	F	l	e	e	t	L						
SPACE	9.4	8.6	8.5	5.3	8	8.1	4.1	7	7	4.2	55.9	60.6			
COPY	6	L													
SPACE	86.5	6.5	33	6.5											
COPY	S	t	a	t	e	T	r	a	i	L					
SPACE	9.4	8.2	6	7.7	6	5.3	8	7.8	5.2	8.5	4.8	1.6	47.5	69	

SIGN NAME	GS-8	QTY	1	SIGN NO.		STATION(S)	420+00
PANEL	BORDER						
WIDTH	6'-0"	WIDTH	1.5"				
HEIGHT	5'-0"	RADII	8"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR Type A	315	42	6	17.7	27.9		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	20'	W6x12 W6x12	13.7'			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	I	T	L										
SPACE	17.5	10.6	13	4.6	8.9	17.5	37								
COPY	3	8	L												
SPACE	12	13.2	10.2	36.6	23.4										

2/28/2024 4:35:54 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms0304\GSWKSPO1.dgn

DATE		DESCRIPTION	

ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

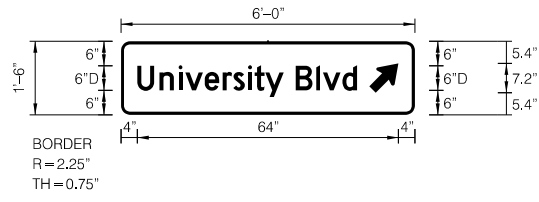
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

GUIDE SIGN WORKSHEET

SHEET NO.
S-47

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

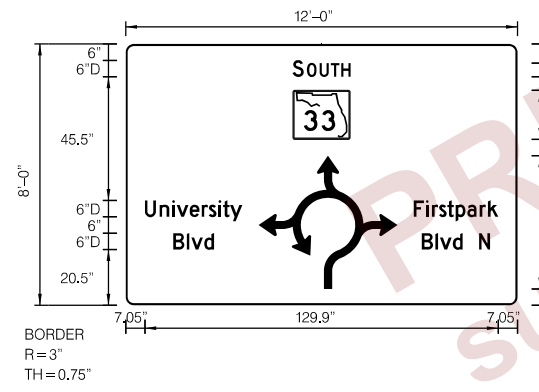
SIGN NAME	GS-14	QTY	1	SIGN NO.		STATION(S)	
PANEL	BORDER					3418+80	
WIDTH	6'-0"	WIDTH	0.75"				
HEIGHT	1'-6"	RADII	2.25"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR Type D	315	60.8	5.4	6	9		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	4.4'	53x5.7	53x5.7	9.1'		



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	U	n	i	v	e	r	s	i	t	y	B	l	v	d	L				
SPACE	4	5.4	4.7	1.7	4.7	4.4	2.6	3.6	1.6	2.6	4.5	3	5	1.7	4.7	3.6	14.2	53.8	
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	GS-16	QTY	1	SIGN NO.		STATION(S)	
PANEL	BORDER					3425+78	
WIDTH	12'-0"	WIDTH	0.75"				
HEIGHT	8'-0"	RADII	3"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
F28 2C	0	61.5	61	21	18		
AR ROUNDABOUT	0	48.9	6	51	49		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	4.5'	W8x18	W8x18	15.5'		

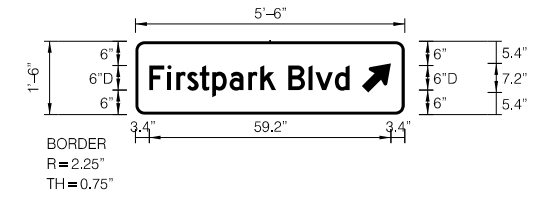


NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	S	O	U	T	H	L													
SPACE	61.3	4.1	1.2	4.7	4.2	3.8	3.4	61.3	21.3										
COPY	U	n	i	v	e	r	s	i	t	y	L								
SPACE	7.1	5.4	4.7	1.7	4.7	4.4	2.6	3.6	1.6	2.6	4.5	101.1	35.8						
COPY	F	i	r	s	t	p	a	r	k	L									
SPACE	105.9	4.5	2.2	2.6	3.1	3.1	4.3	4.6	3	3.8	7.1	31.1							
COPY	B	l	v	d	L														
SPACE	17.5	5	1.7	4.7	3.6	111.5	15												
COPY	B	l	v	d	N	L													
SPACE	108.9	5	1.7	4.7	3.6	6	4.1	10.1	25.1										
COPY																			
SPACE																			

REVISIONS				ENGINEER OF RECORD			
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			

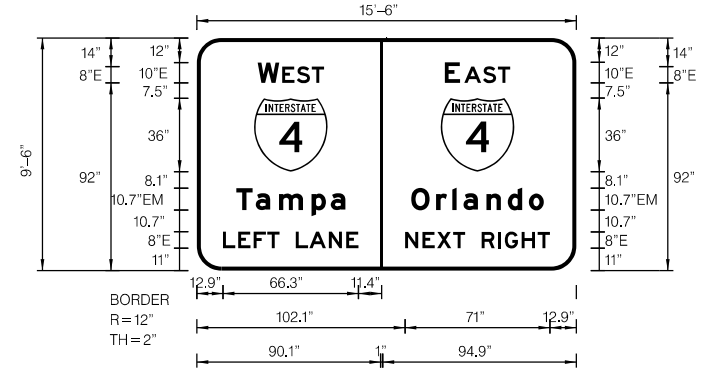
SIGN NAME	GS-15	QTY	1	SIGN NO.		STATION(S)	
PANEL	BORDER					3419+30	
WIDTH	5'-6"	WIDTH	0.75"				
HEIGHT	1'-6"	RADII	2.25"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR Type D	315	55.5	5.4	6	9		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	3.8'	53x5.7	53x5.7	9.1'		



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	F	i	r	s	t	p	a	r	k	B	l	v	d	L					
SPACE	3.4	4.5	2.2	2.6	3.1	3.1	4.3	4.6	3	3.8	3	5	1.7	4.7	3.6	13.5	49.1		
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	GS-17	QTY	1	SIGN NO.		STATION(S)	
PANEL	BORDER					3429+74	
WIDTH	15'-6"	WIDTH	2"				
HEIGHT	9'-6"	RADII	12"				
LEGEND	White	COLOR	White				
COLOR	Green / Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
M1	0	28.1	48.5	36	36		
M1	0	119.6	48.5	36	36		
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH			
1	2	4.5'	W8x24	W8x24	17.7'		



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	W	E	S	T	L														
SPACE	29.8	10.6	1.5	7.1	7.4	6	123.6	32.6											
COPY	E	A	S	T	L														
SPACE	121.6	7.5	2.1	9	7.4	6	32.4	32											
COPY	T	a	m	p	a	L													
SPACE	19.4	9.5	11.3	16	9.4	7.1	113.2	53.4											
COPY	O	r	l	a	n	d	L												
SPACE	105.1	12.2	7.9	5.5	11.3	10.4	10.4	7.3	16	64.9									
COPY	L	E	F	T	L	A	N	E	L										
SPACE	12.9	7.4	7.6	6.6	6	8	6.6	9.5	8.6	6	106.8	66.3							
COPY	N	E	X	T	R	I	G	H	T	L									
SPACE	102.1	8.6	7.1	7.8	6	8	8.1	3.3	8.3	7.8	6	12.9	71						

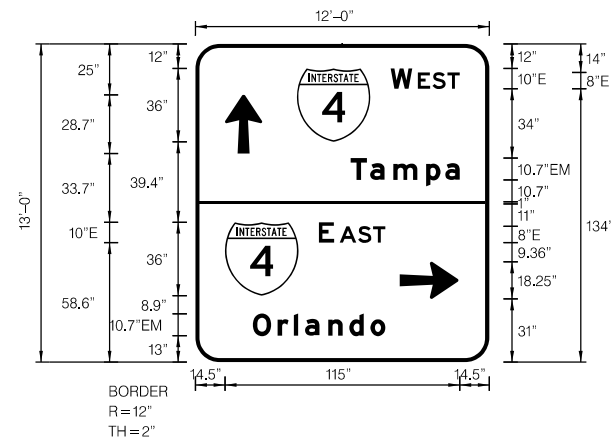
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
SR 400	POLK	430185-3-52-01	S-49

GUIDE SIGN WORKSHEET

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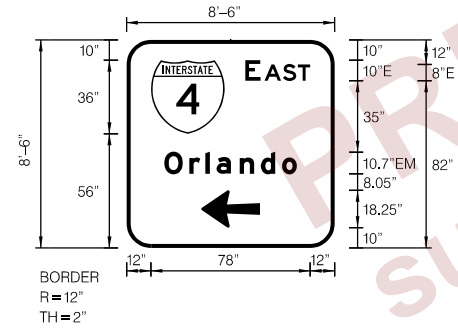
SIGN NAME	GS-18	QTY	1	SIGN NO.	STATION(S)
PANEL	BORDER				3438+00
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	13'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
M1	0	49.7	108	36	36
AR Type A	0	14.5	102.3	18.3	28.7
M1	0	14.5	32.6	36	36
AR Type A	270	100.1	31	18.3	28.7
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH	
1	2	4.5'	W8x18 W8x18	21.2'	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY	SPACE	95.7	10.6	2.7	7.1	7.4	6	14.5	33.8
COPY	SPACE	76.1	9.5	11.3	16	9.4	7.1	14.5	53.4
COPY	SPACE	60.5	7.5	2.7	9	7.4	6	50.9	32.6
COPY	SPACE	28.1	12.2	7.9	5.5	11.3	10.4	10.4	7.3
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								

SIGN NAME	GS-20	QTY	1	SIGN NO.	STATION(S)
PANEL	BORDER				3449+64
WIDTH	8'-6"	WIDTH	2"		
HEIGHT	8'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
M1	0	12	56	36	36
AR Type A	90	36.6	10	18.3	28.7
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH	
1	2	19.5'	W6x12 W6x12	15.5'	

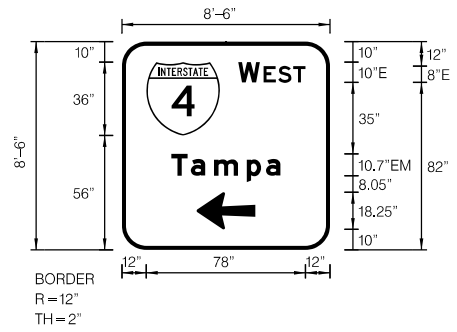


NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	SPACE	58.2	7.5	1.9	9	7.4	6	12	31.8
COPY	SPACE	18.5	12.2	7.9	5.5	11.3	10.4	10.4	7.3
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								

DATE		DESCRIPTION		DATE		DESCRIPTION		ENGINEER OF RECORD	
								SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	

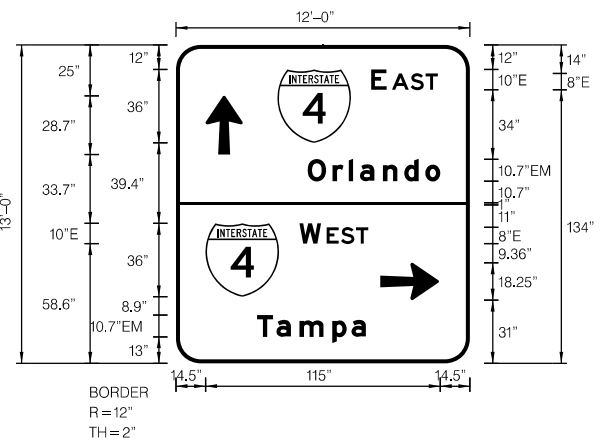
SIGN NAME	GS-19	QTY	1	SIGN NO.	STATION(S)
PANEL	BORDER				3446+60
WIDTH	8'-6"	WIDTH	2"		
HEIGHT	8'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
M1	0	12	56	36	36
AR Type A	90	36.6	10	18.3	28.7
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH	
1	2	19.5'	W6x12 W6x12	16.4'	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY	SPACE	57	10.6	1.9	7.1	7.4	6	12	33
COPY	SPACE	24.3	9.5	11.3	16	9.4	7.1	24.3	53.4
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								

SIGN NAME	GS-21	QTY	1	SIGN NO.	STATION(S)
PANEL	BORDER				3460+60
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	13'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
M1	0	49.7	108	36	36
AR Type A	0	14.5	102.3	18.3	28.7
M1	0	14.5	32.6	36	36
AR Type A	270	100.1	31	18.3	28.7
SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH	
1	2	24.2'	W8x18 W8x18	22.9'	



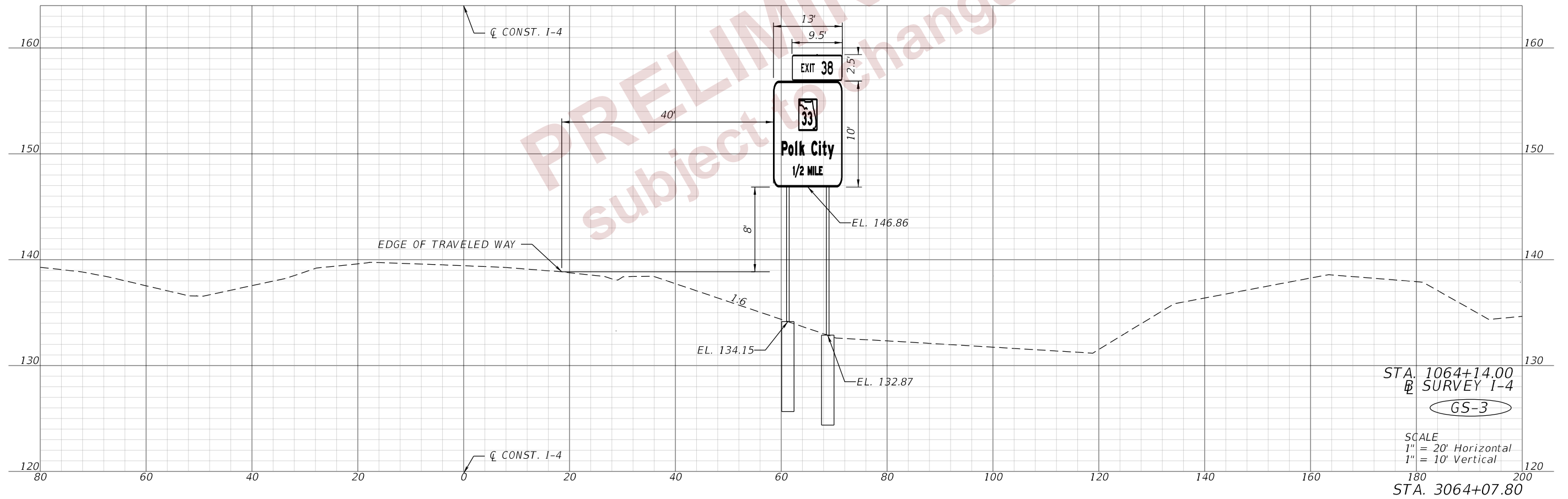
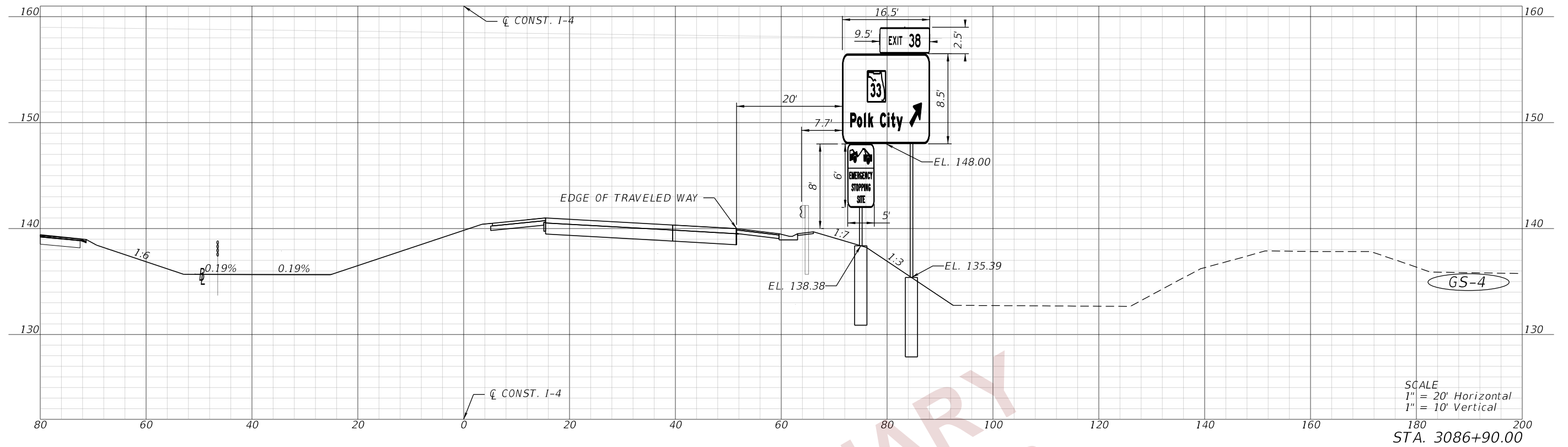
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	SPACE	95.7	7.5	2.7	9	7.4	6	15.7	32.6
COPY	SPACE	64.6	12.2	7.9	5.5	11.3	10.4	10.4	7.3
COPY	SPACE	60.5	10.6	2.7	7.1	7.4	6	49.7	33.8
COPY	SPACE	39.7	9.5	11.3	16.1	9.4	7.1	50.9	53.4
COPY	SPACE								
COPY	SPACE								

DATE		DESCRIPTION		DATE		DESCRIPTION		ENGINEER OF RECORD	
								SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	
ROAD NO.		COUNTY		FINANCIAL PROJECT ID		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
SR 400		POLK		430185-3-52-01					

GUIDE SIGN WORKSHEET

SHEET NO.
S-50



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

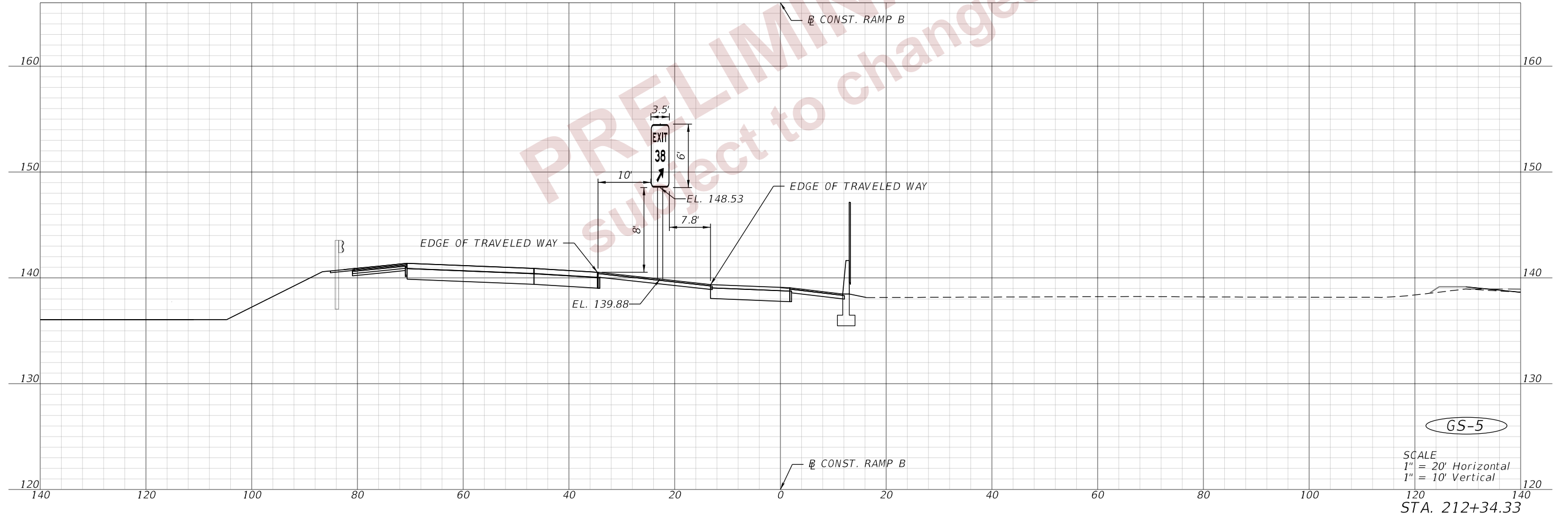
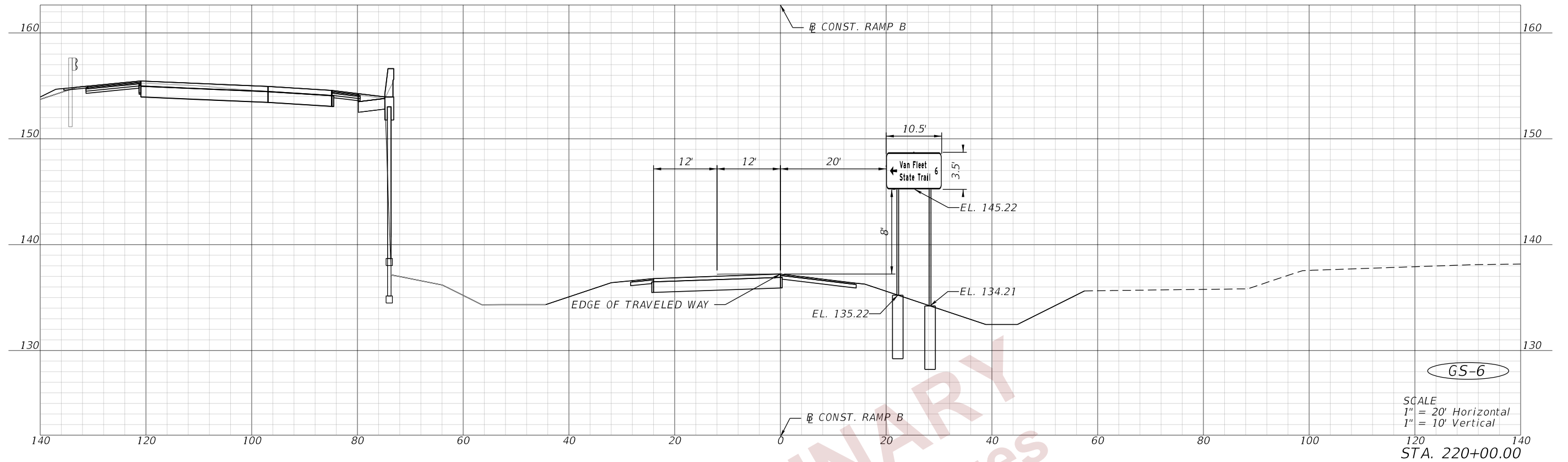
ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**MULTI-POST SIGN
 CROSS SECTIONS**

SHEET NO.
 S-53

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

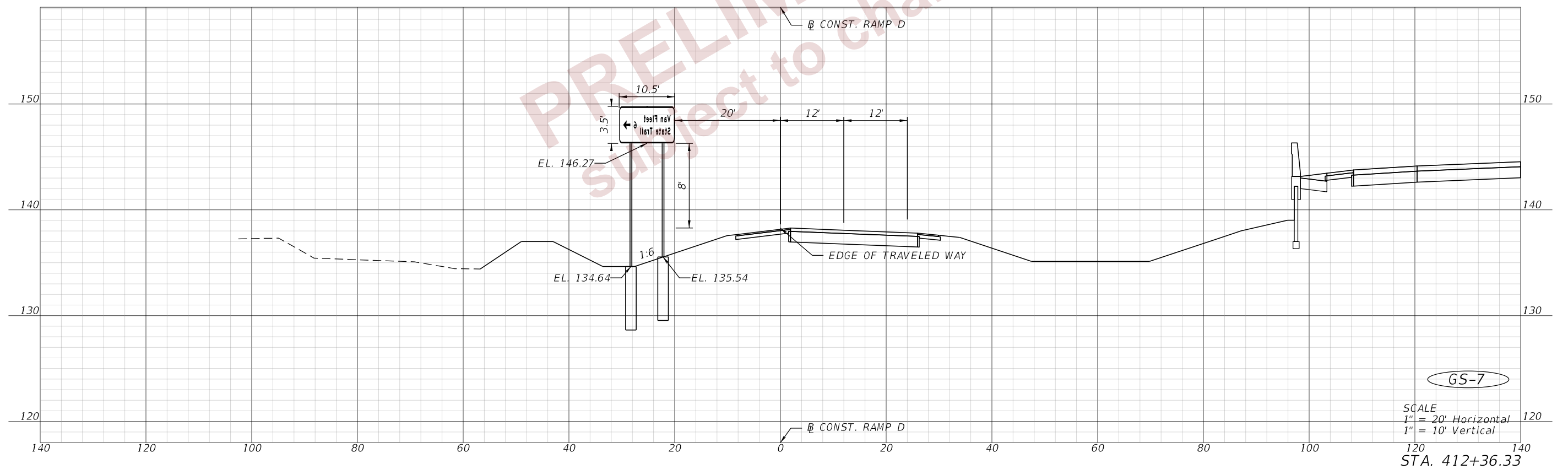
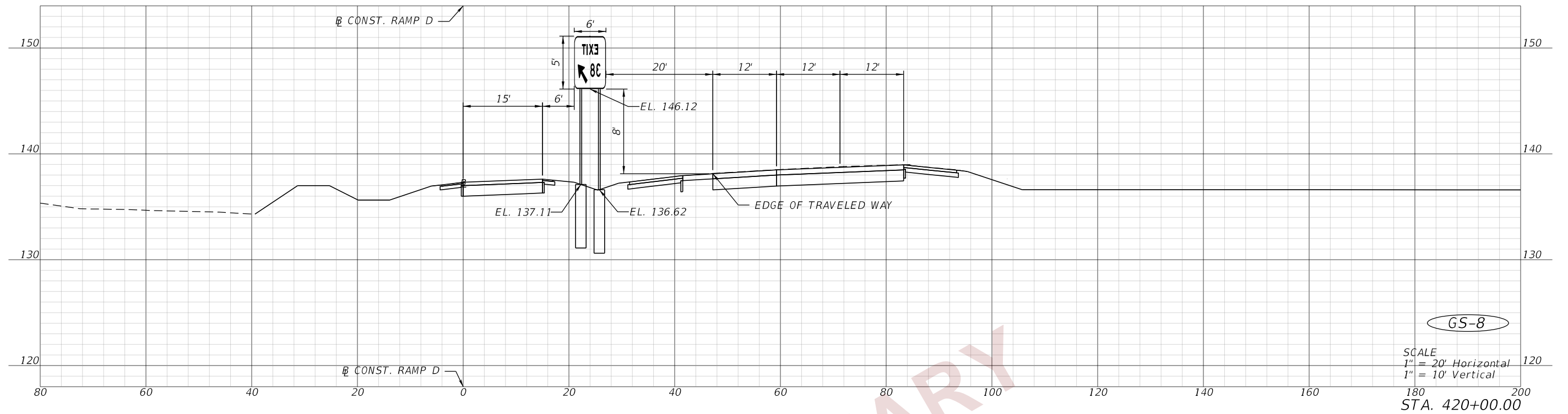
ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**MULTI-POST SIGN
CROSS SECTIONS**

SHEET NO.
S-54

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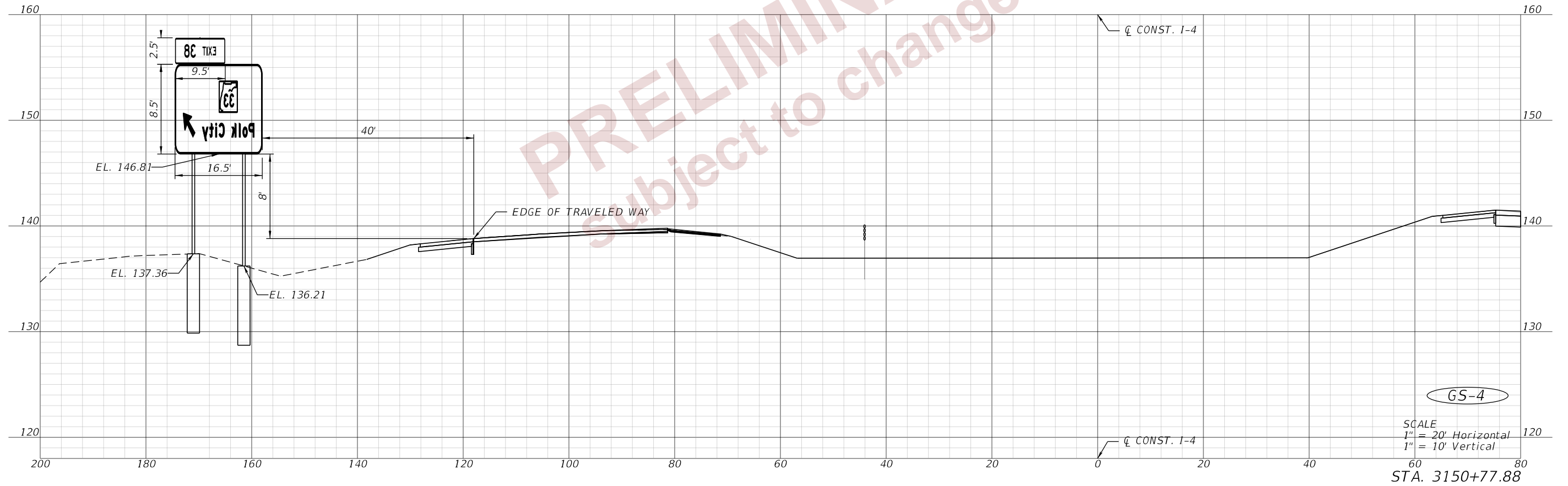
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-55
								SR 400		

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DATE	DESCRIPTION	DATE	DESCRIPTION

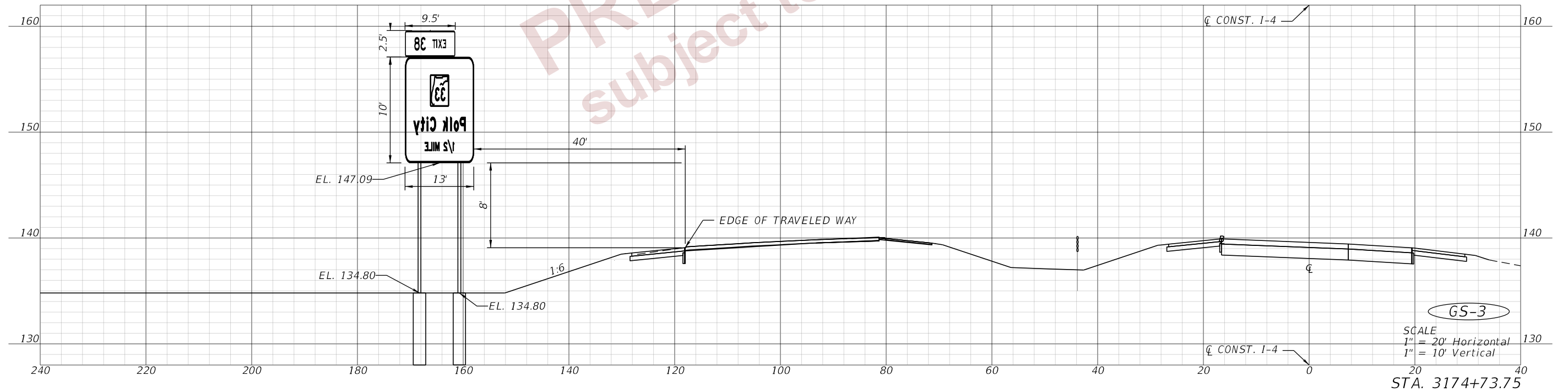
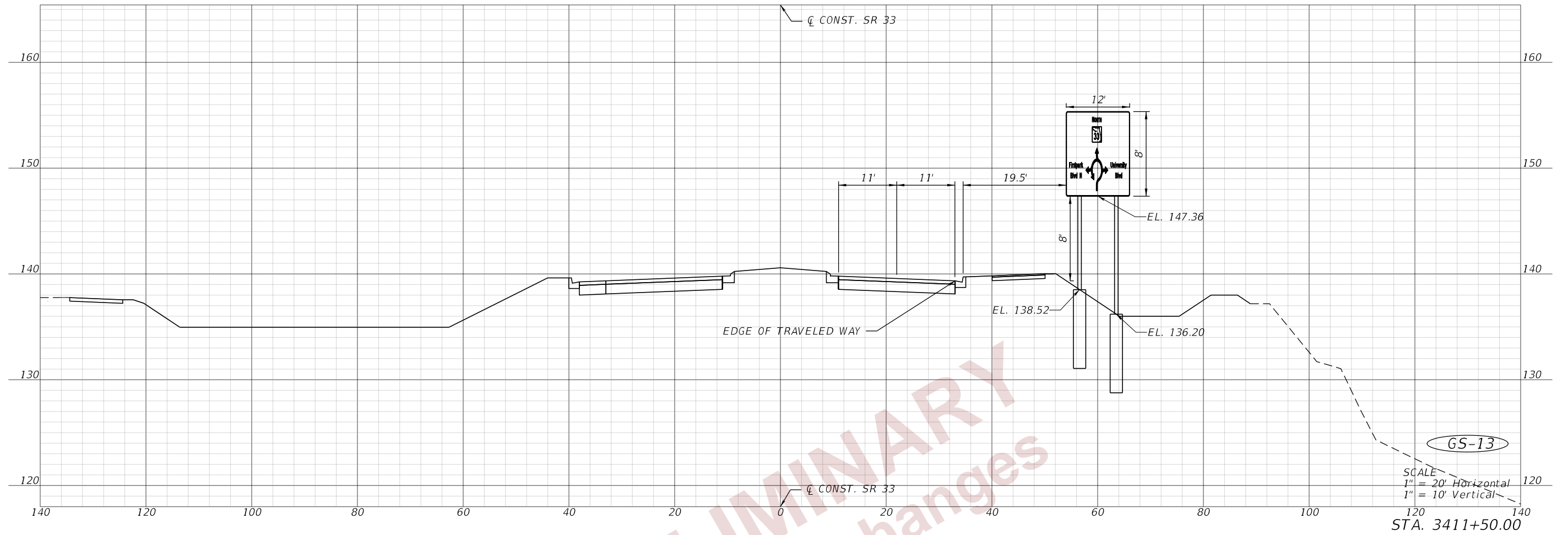
ENGINEER OF RECORD
 SUMMER AHRENS, P.E.
 LICENSE NUMBER: 70642
 AIM ENGINEERING & SURVEYING, INC.
 201 E. KENNEDY BLVD., STE. 1800
 TAMPA, FLORIDA 33602

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	POLK	430185-3-52-01

**MULTI-POST SIGN
CROSS SECTIONS**

SHEET NO.
S-56

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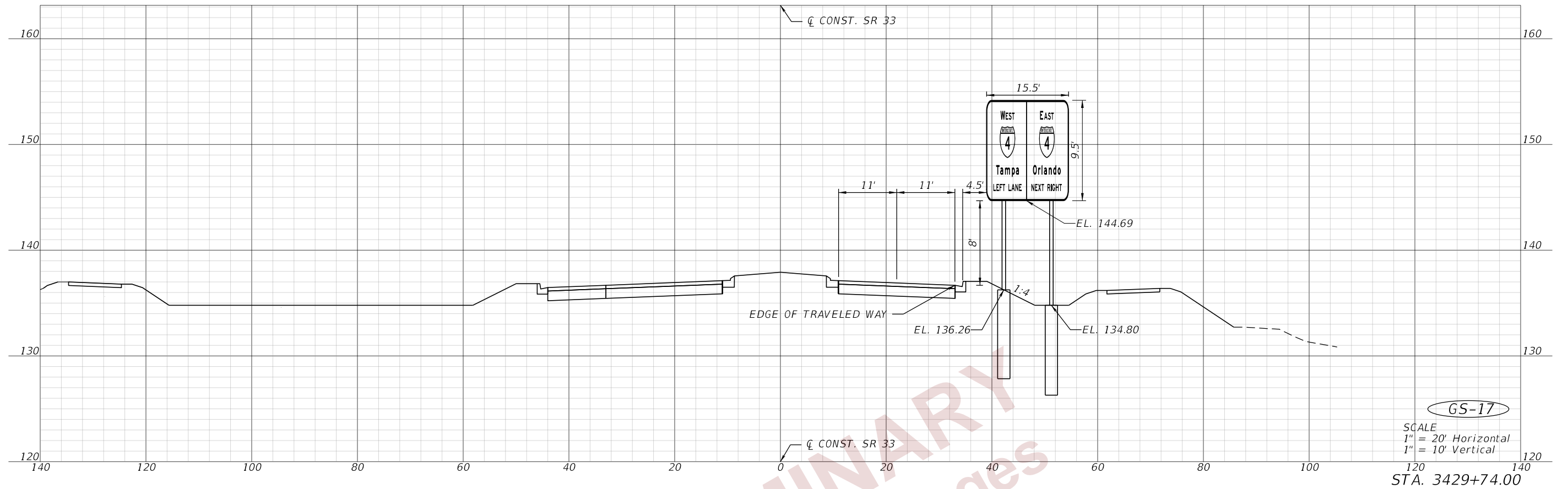


PRELIMINARY
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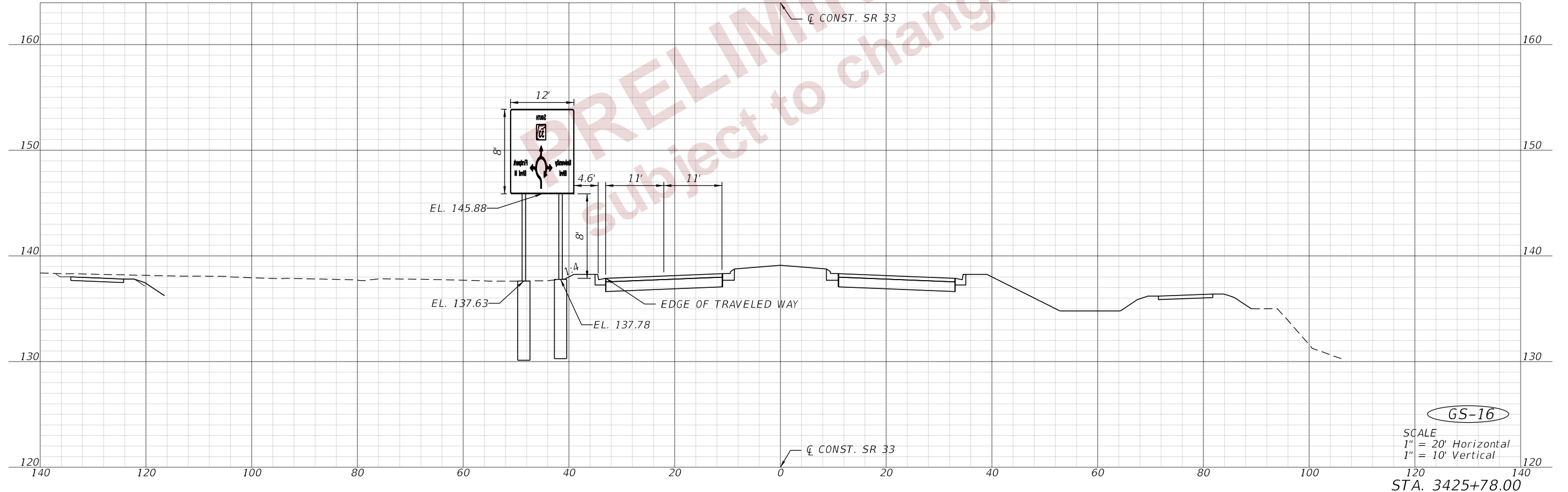
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-57
						SR 400	POLK	430185-3-52-01		

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GS-17
 SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 3429+74.00



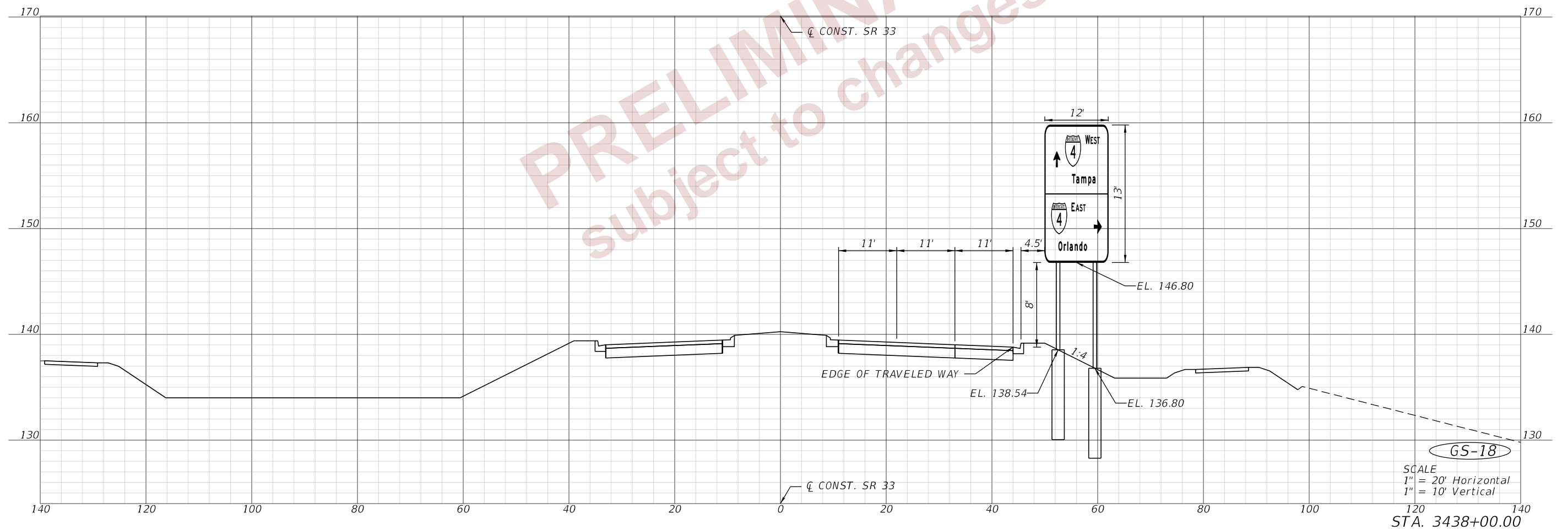
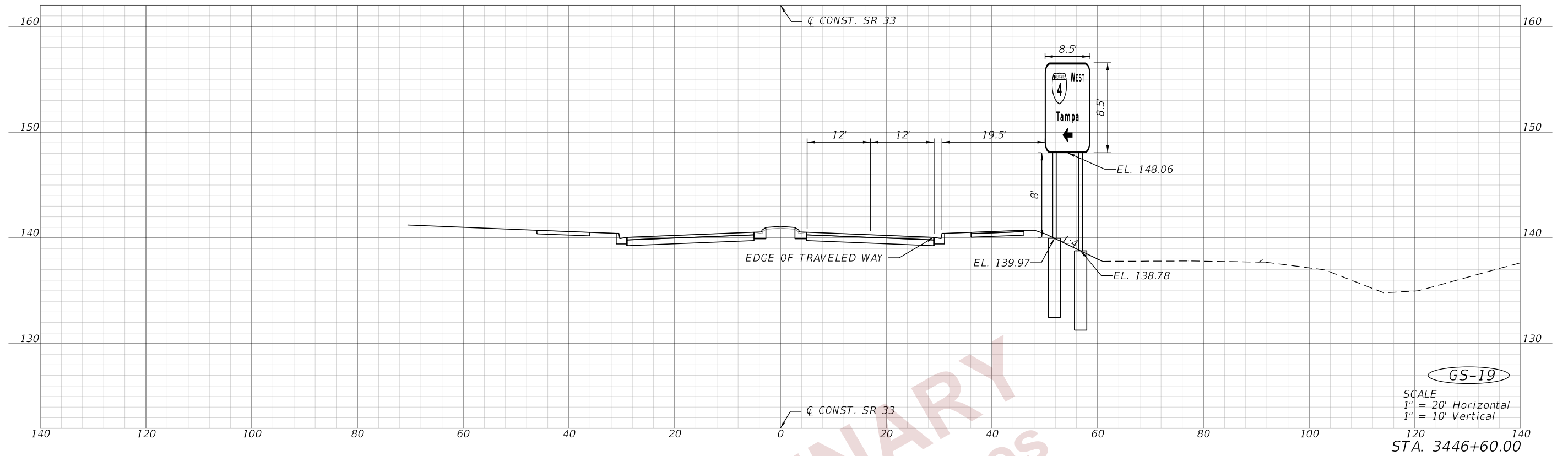
GS-16
 SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 3425+78.00

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-59
						SR 400	POLK	430185-3-52-01		

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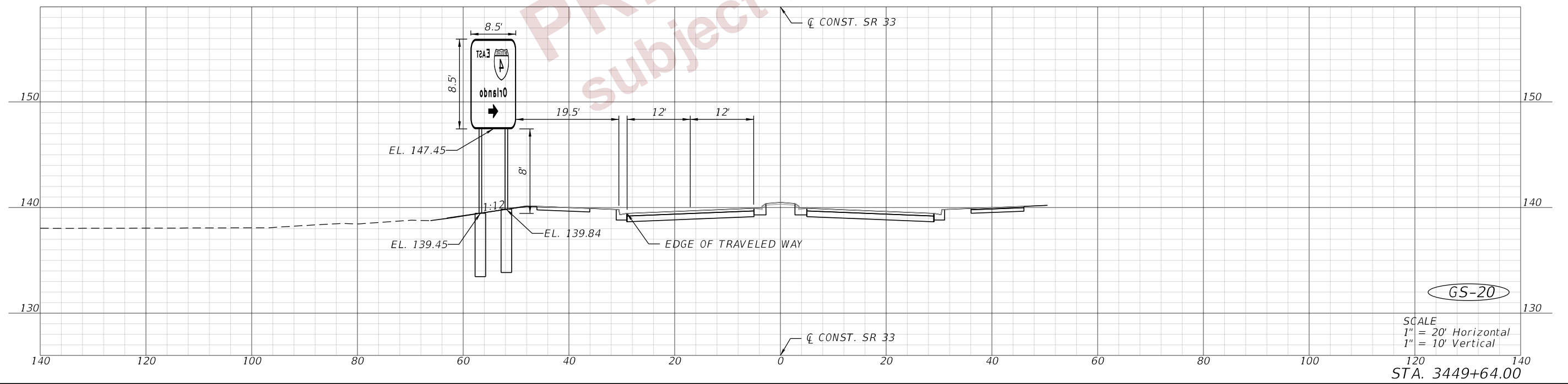
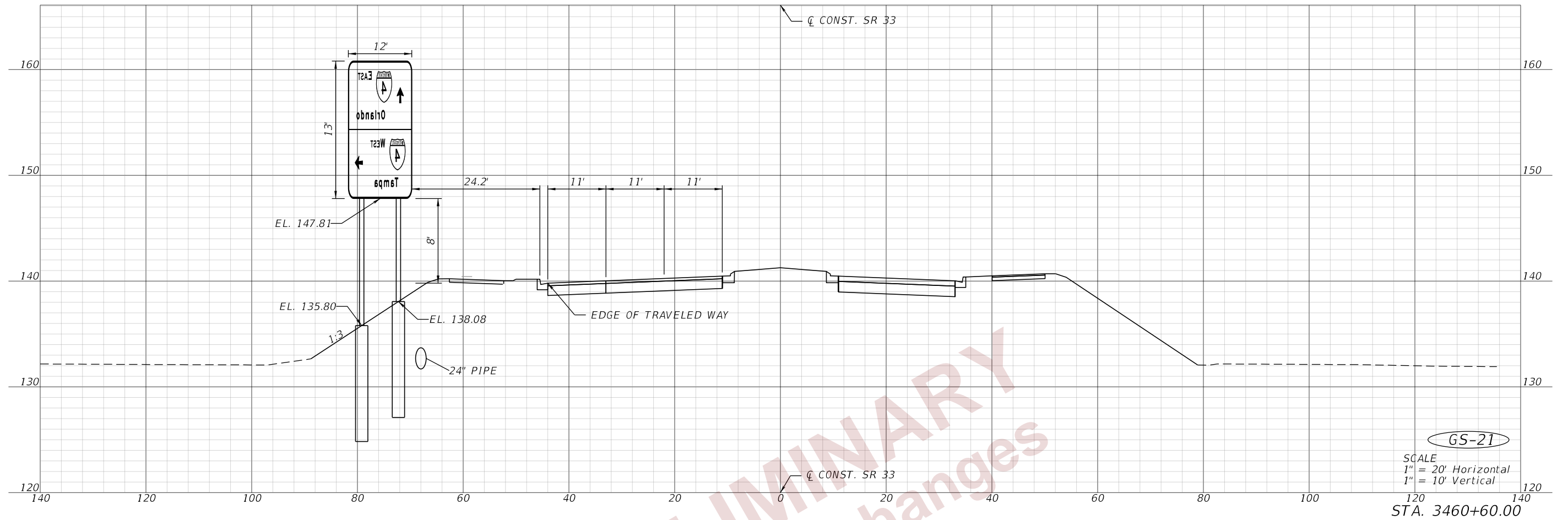
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	MULTI-POST SIGN CROSS SECTIONS				S-60
				SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602	SR 400	POLK					430185-3-52-01

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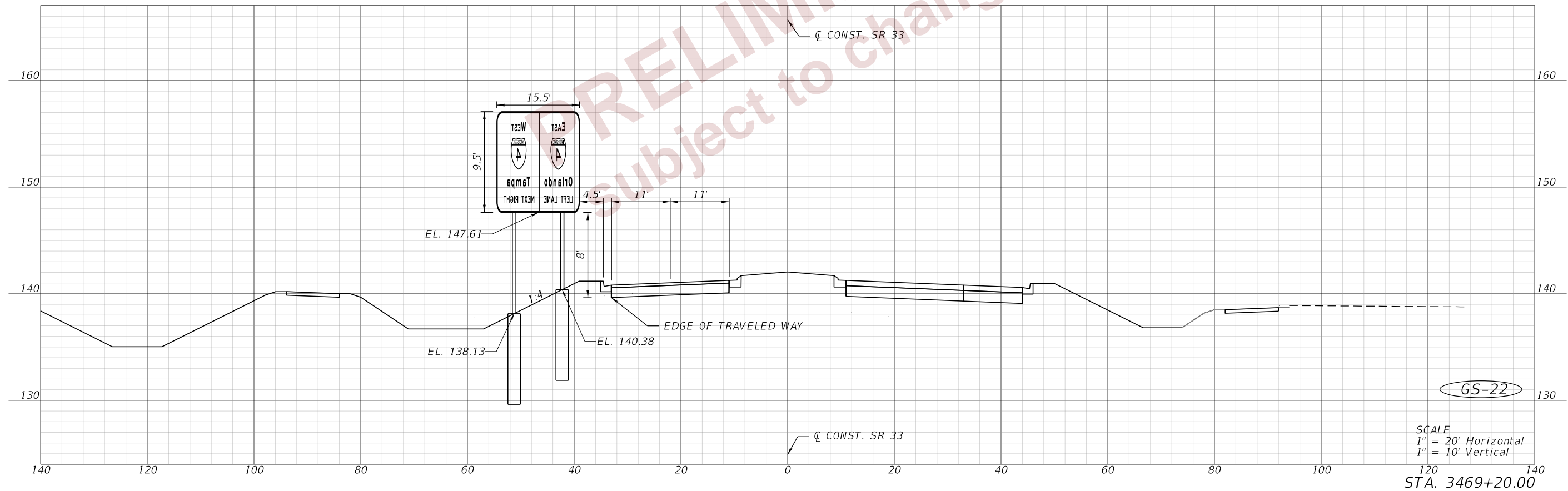
PRELIMINARY
 subject to changes

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-61
						SR 400	POLK	430185-3-52-01		

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PRELIMINARY
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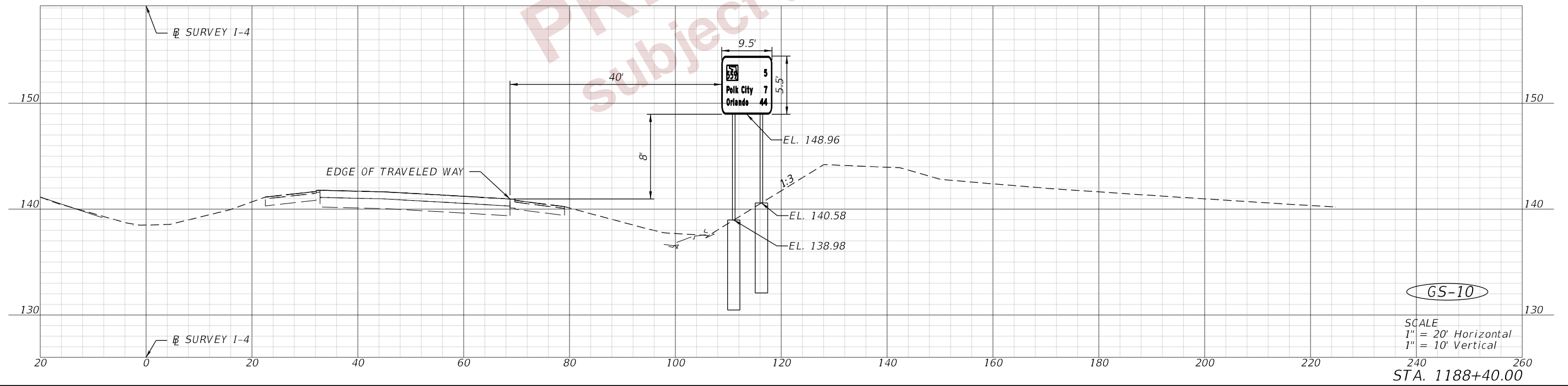
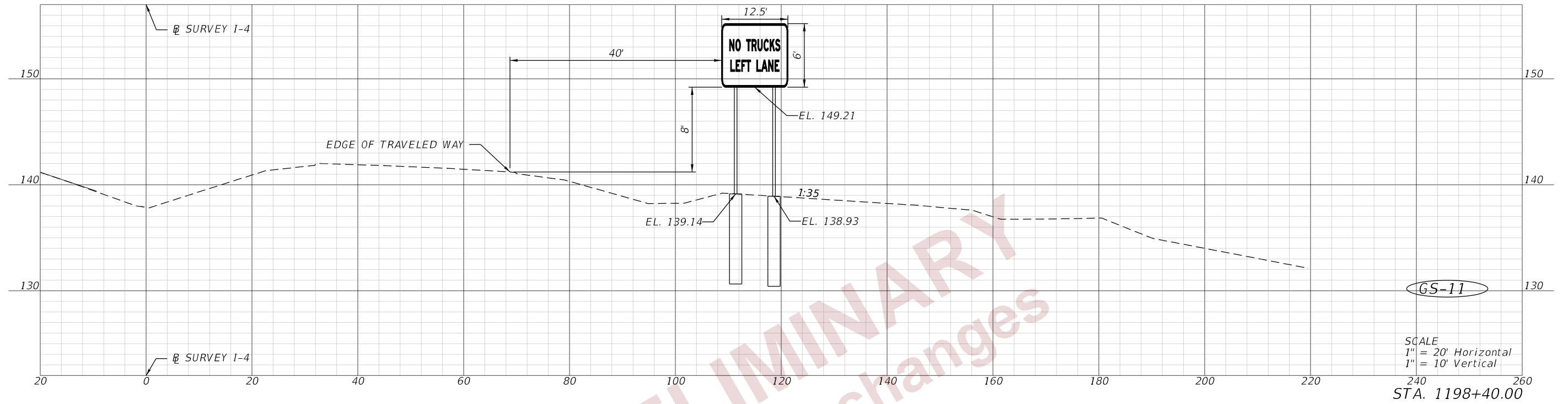
GS-22

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

STA. 3469+20.00

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-62
								SR 400		

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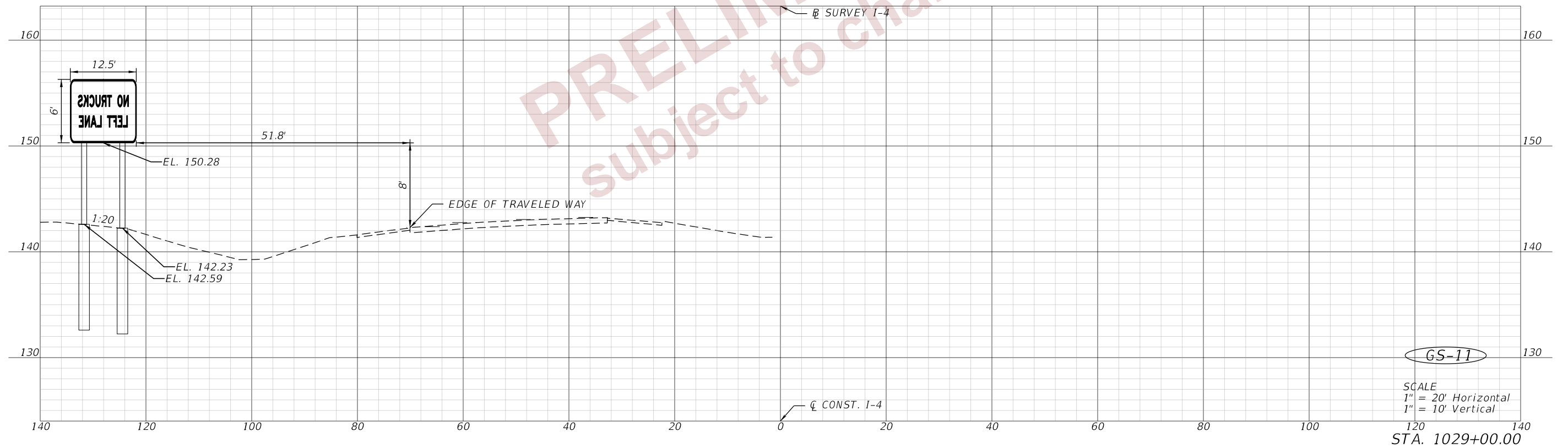
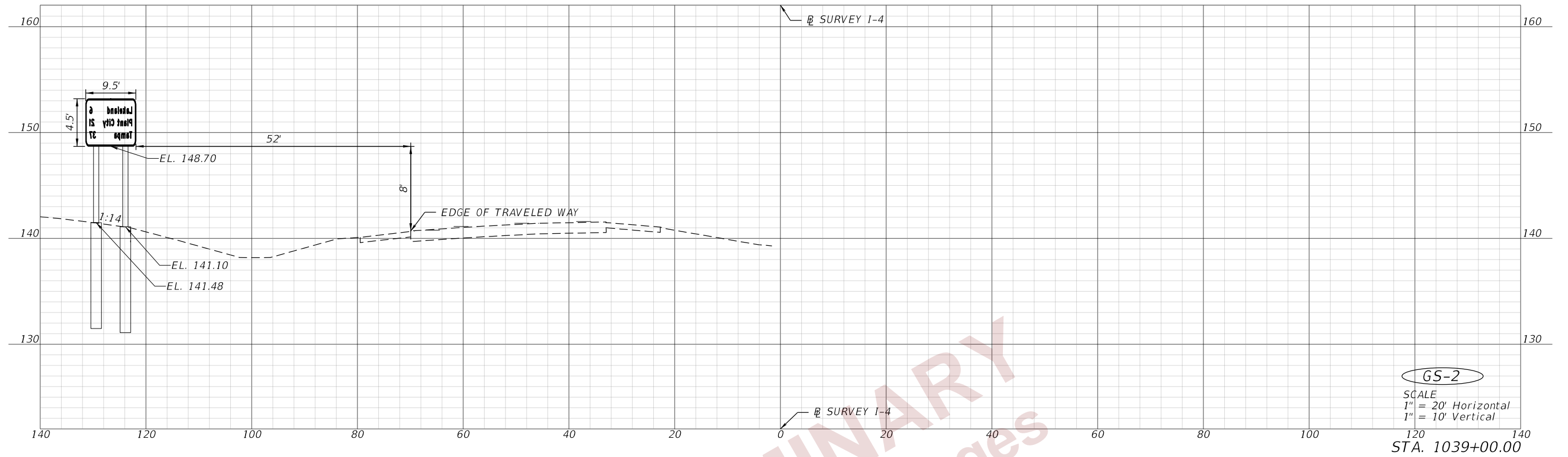


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2/28/2024 4:36:26 PM nruiz c:\bms\aimengr-pw-01\justin.schmidt\dms05304\RD\SSP01.dgn

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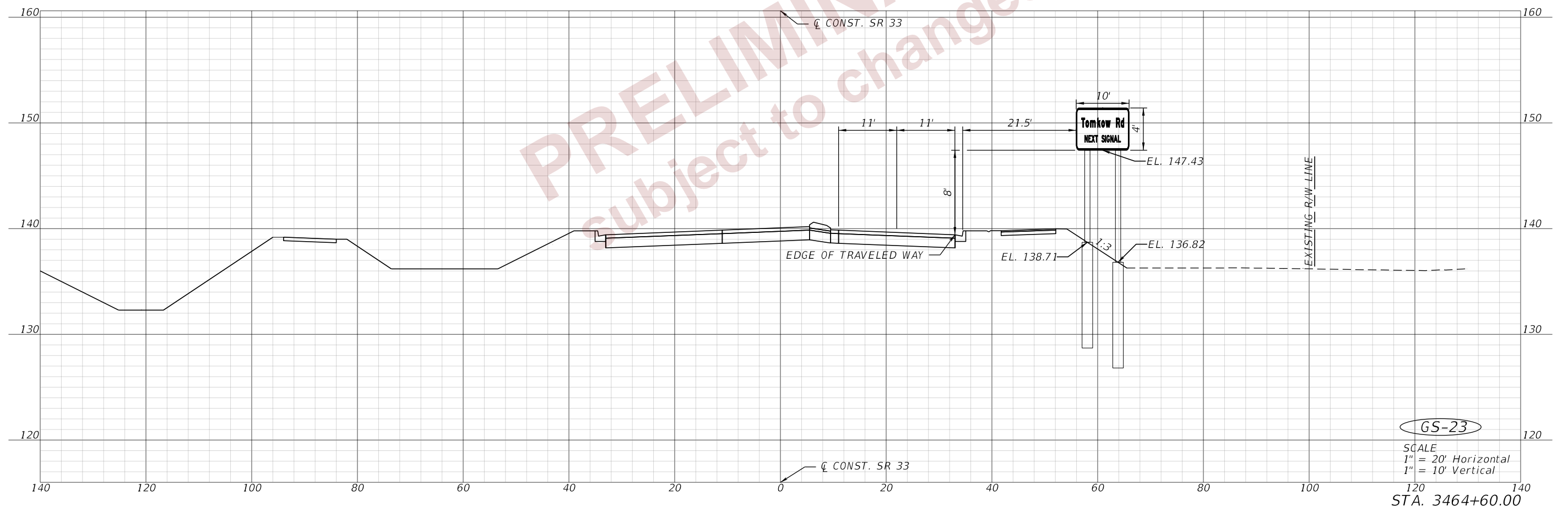
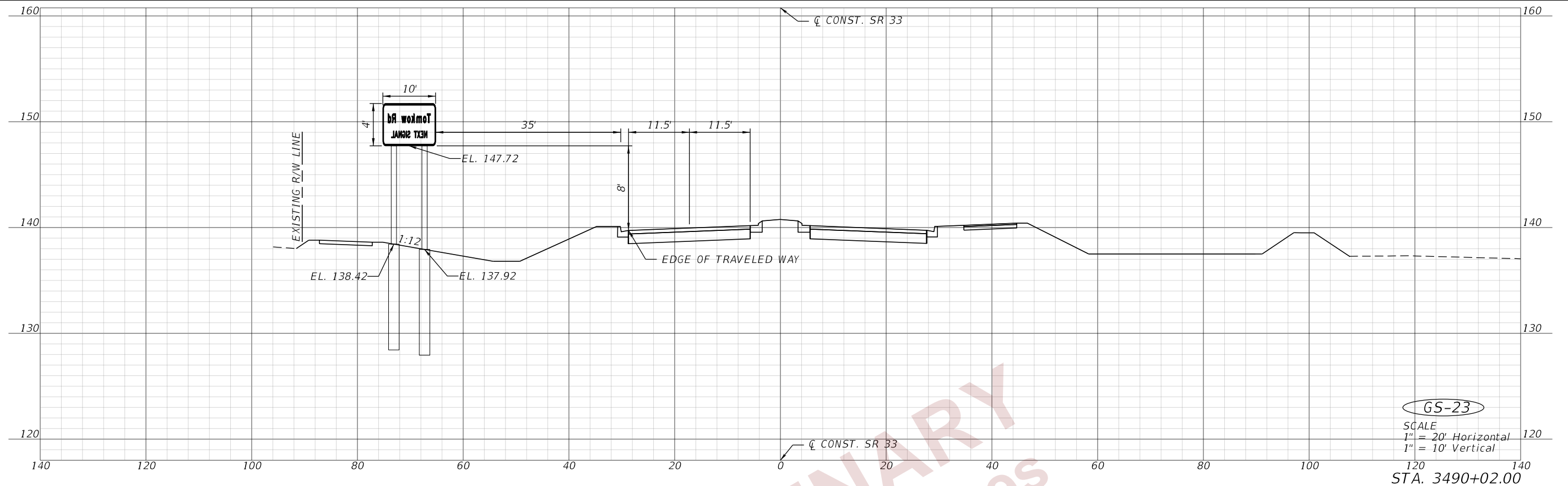
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-63
							SR 400	POLK	430185-3-52-01		



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DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-64
							SR 400	POLK	430185-3-52-01		



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MULTI-POST SIGN CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUMMER AHRENS, P.E. LICENSE NUMBER: 70642 AIM ENGINEERING & SURVEYING, INC. 201 E. KENNEDY BLVD., STE. 1800 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-65
								SR 400		

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