

CONTRACT PLANS COMPONENTS

ROADWAY
SIGNING AND PAVEMENT MARKING

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
SIGNING & PAVEMENT MARKING PLANS

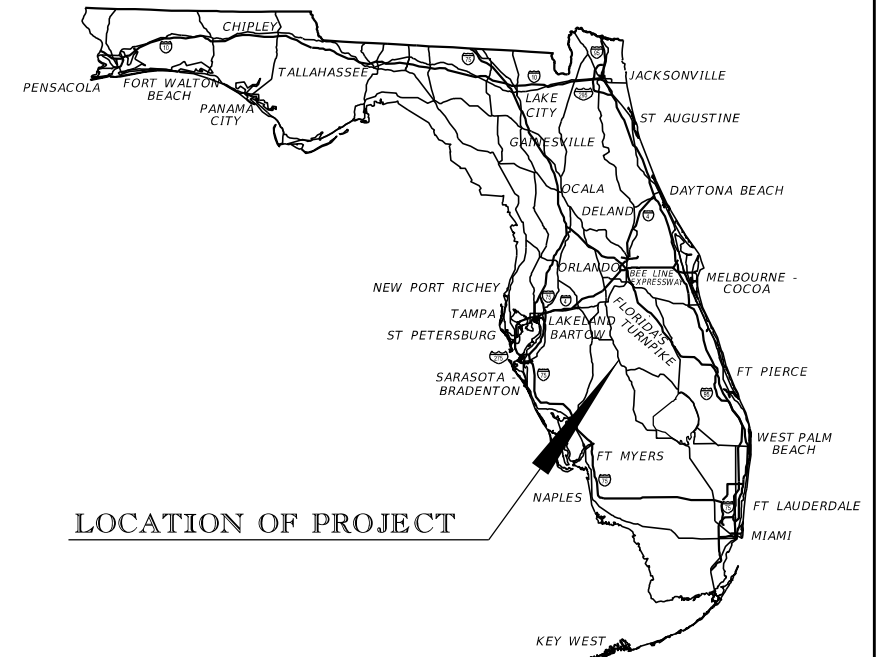
FINANCIAL PROJECT ID 452621-1-52-01
HIGHLANDS COUNTY (09030)

STATE ROAD NO. 25 (US 27)

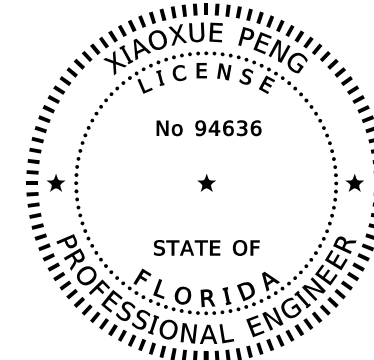
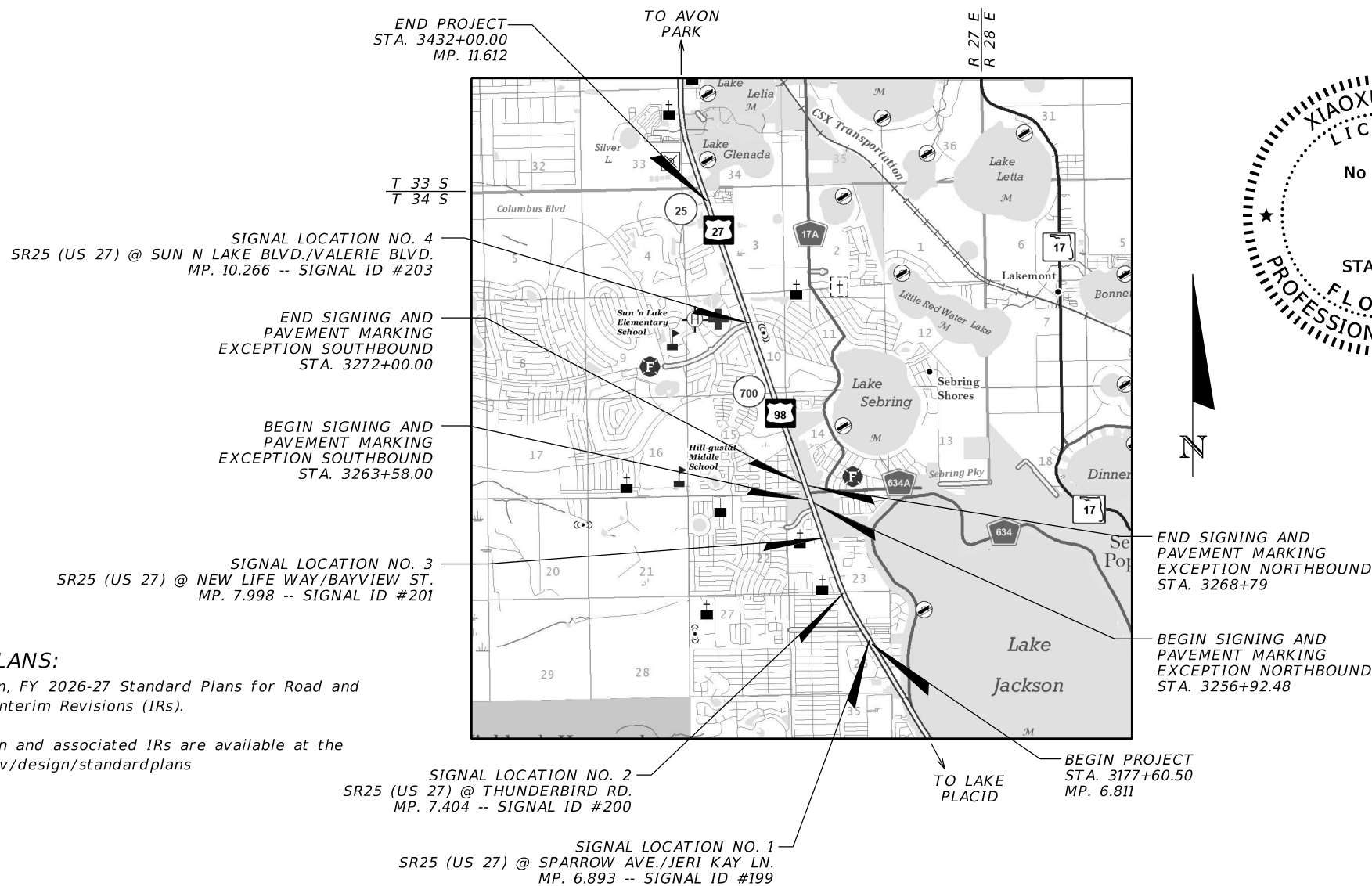
FROM NORTH OF SANTA MARIA WAY TO NORTH OF PONCE DE LEON
PAVEMENT ONLY PROJECT

INDEX OF SIGNING & PAVEMENT
MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	GENERAL NOTES
S-3 - S-37	SIGNING & PAVEMENT MARKING PLAN
S-38 - S-45	TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL



LOCATION OF PROJECT



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL.
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

SIGNING AND PAVEMENT
MARKING PLANS
ENGINEER OF RECORD:

XIAOXUE PENG, P.E.
P.E. LICENSE NUMBER 94636
FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT ONE OFFICE
801 N. BROADWAY AVENUE
BARTOW, FL 33830-3809
(863) 519-2300

FDOT PROJECT MANAGER:

XIAOXUE PENG, P.E.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2026-27 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

APPLICABLE IRs: N/A

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2026-27 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

	CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
PHASE IV PLANS REVIEW (TBD)	T1940	27	S-1

GENERAL / PAY ITEM NOTES:

GENERAL NOTES

UNLESS OTHERWISE NOTED IN PLANS, ALL EXISTING SIGNS ARE TO REMAIN.

MAINTAINING AGENCY: HIGHLANDS COUNTY.

NOTIFY THE FDOT TSM&O ENGINEER – ARTERIALS (SEE BELOW) WHEN ALL LANES, STRIPING, SIGNALS AND PEDESTRIAN FACILITIES ARE IN THEIR FINAL CONFIGURATION AND THE SIGNALS ARE OPERATING AS DESIGNED. PROVIDE FDOT WITH ALL "AS-BUILT" INFORMATION NECESSARY FOR THE FDOT TO DEVELOP THE BASIC SIGNAL TIMING PARAMETERS. THE UPDATED TIMINGS WILL BE PROGRAMMED BY THE FDOT.

FDOT TRAFFIC OPERATIONS
NEAL TURNER, P.E., TSM&O ENGINEER – ARTERIALS
801 N. BROADWAY AVE.
P.O. BOX 1249
BARTOW, FL 33830-1249
EMAIL: NEAL.TURNER@DOT.STATE.FL.US
PHONE: 863-519-2216

AT THE COMPLETION OF THE PROJECT, PROVIDE AS-BUILT PLANS IN ELECTRONIC FORM (PDF) TO:

FDOT TRAFFIC OPERATIONS
NEAL TURNER, P.E., TSM&O ENGINEER – ARTERIALS
801 N. BROADWAY AVE
P.O. BOX 1249
BARTOW, FL 33830-1249
EMAIL: NEAL.TURNER@DOT.STATE.FL.US
PHONE: 863-519-2216

PAY ITEM NOTES

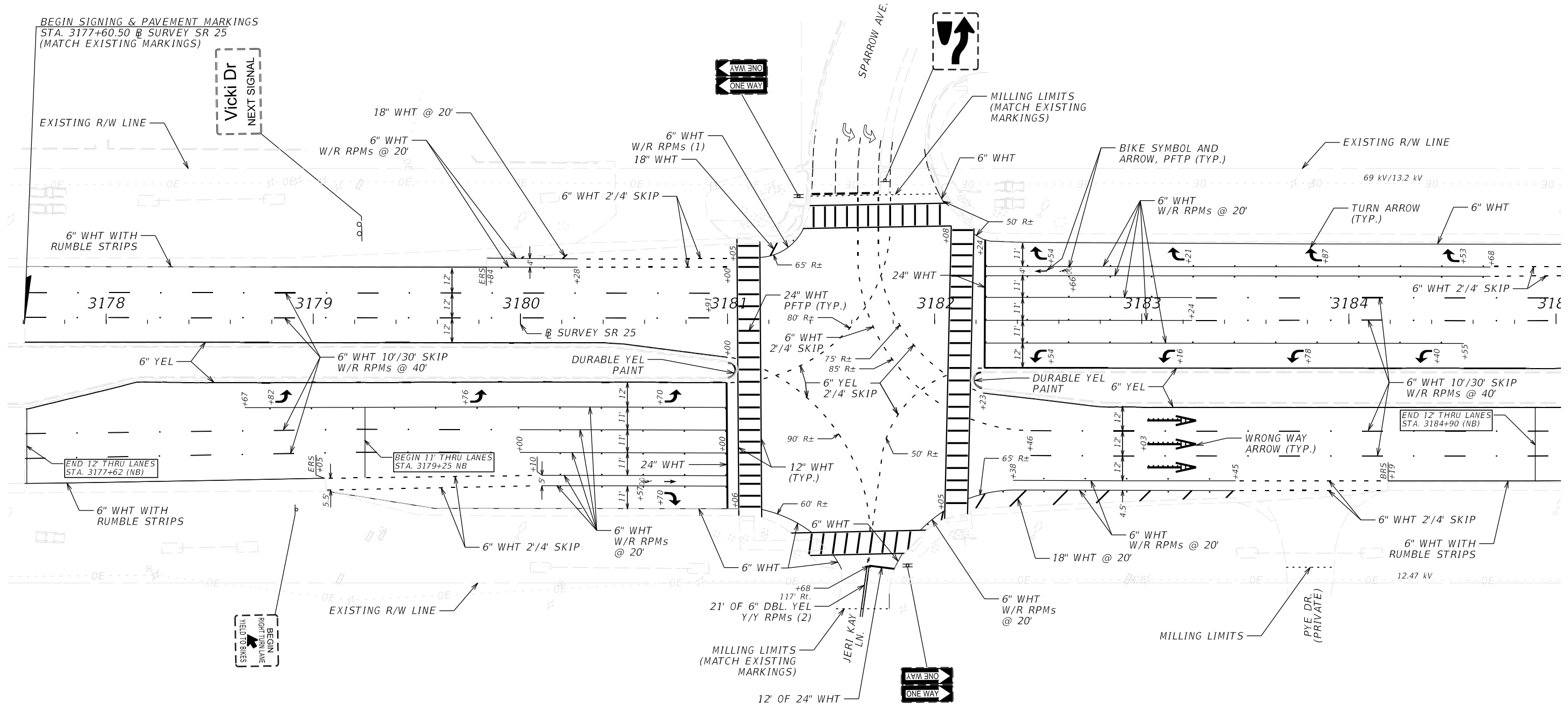
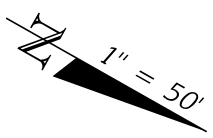
0660-2-102 AND 0660-2-106:

1. PERMANENTLY MARK EACH LOOP PER PHASE AND PER VEHICLE MOVEMENT AT EACH SPLICE POINT AND AT THE CABINET TERMINATION POINT.
2. FOR INCREASED SENSITIVITY, INDUCTION LOOPS ARE TO HAVE A MINIMUM OF THREE TURNS OF WIRE.
3. CONNECT NEW LOOP LEAD-IN WIRE TO EXISTING TWISTED PAIR LOCATED IN EXISTING PULL BOXES FOR HOME RUNS BACK TO THE CONTROLLER.

PAVEMENT MARKING PLAN ABBREVIATIONS

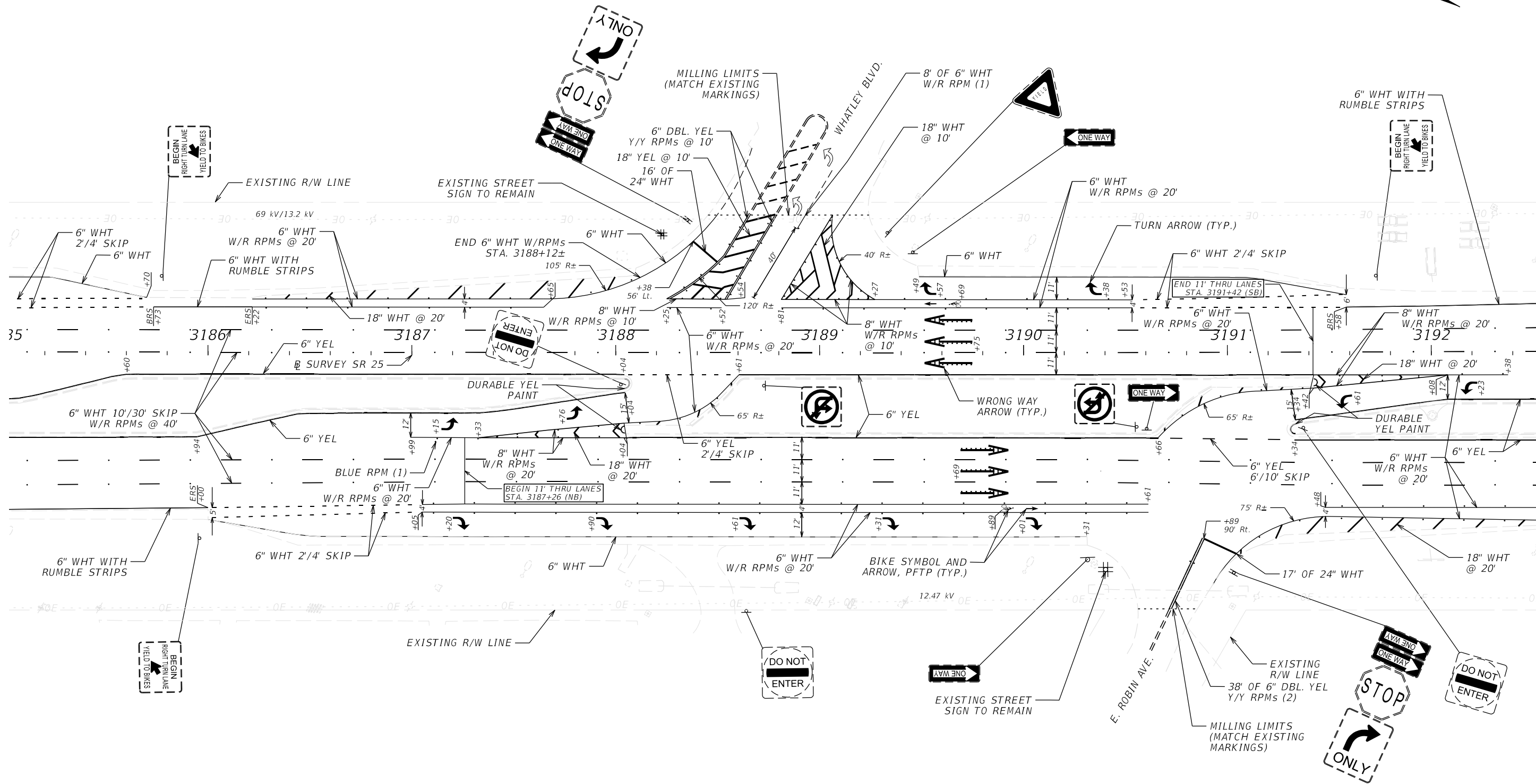
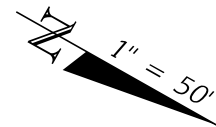
BRS ----- BEGIN RUMBLE STRIPS
ERS ----- END RUMBLE STRIPS
FOC ----- FIBER OPTIC CABLE
PFTP ----- PREFORMED THERMOPLASTIC
WHT ----- WHITE
W/R ----- WHITE/RED
YEL ----- YELLOW
Y/R ----- YELLOW/RED
Y/Y ----- YELLOW/YELLOW

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		S-2

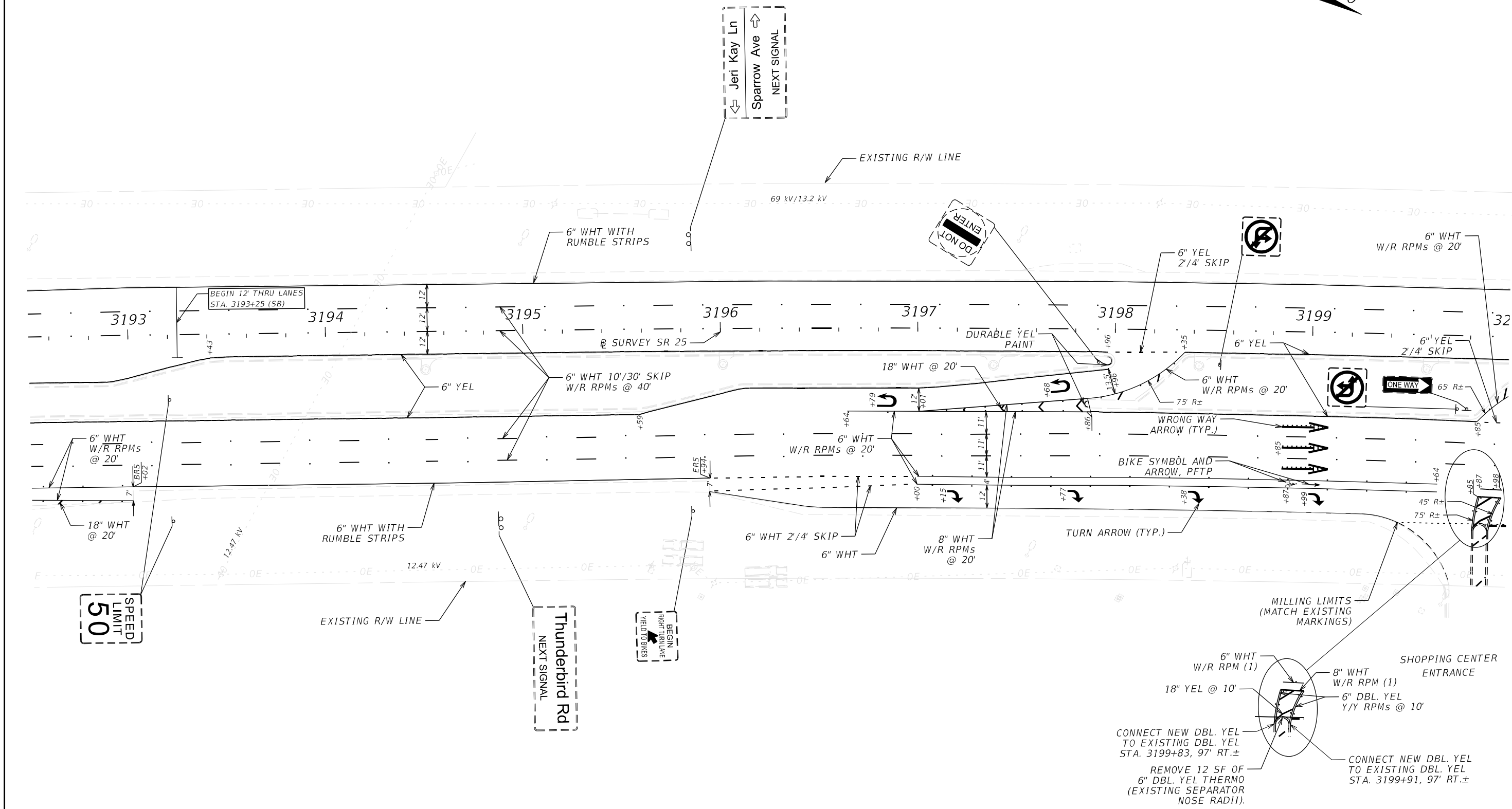
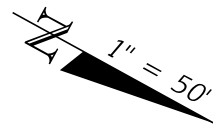


REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. S-3
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		

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

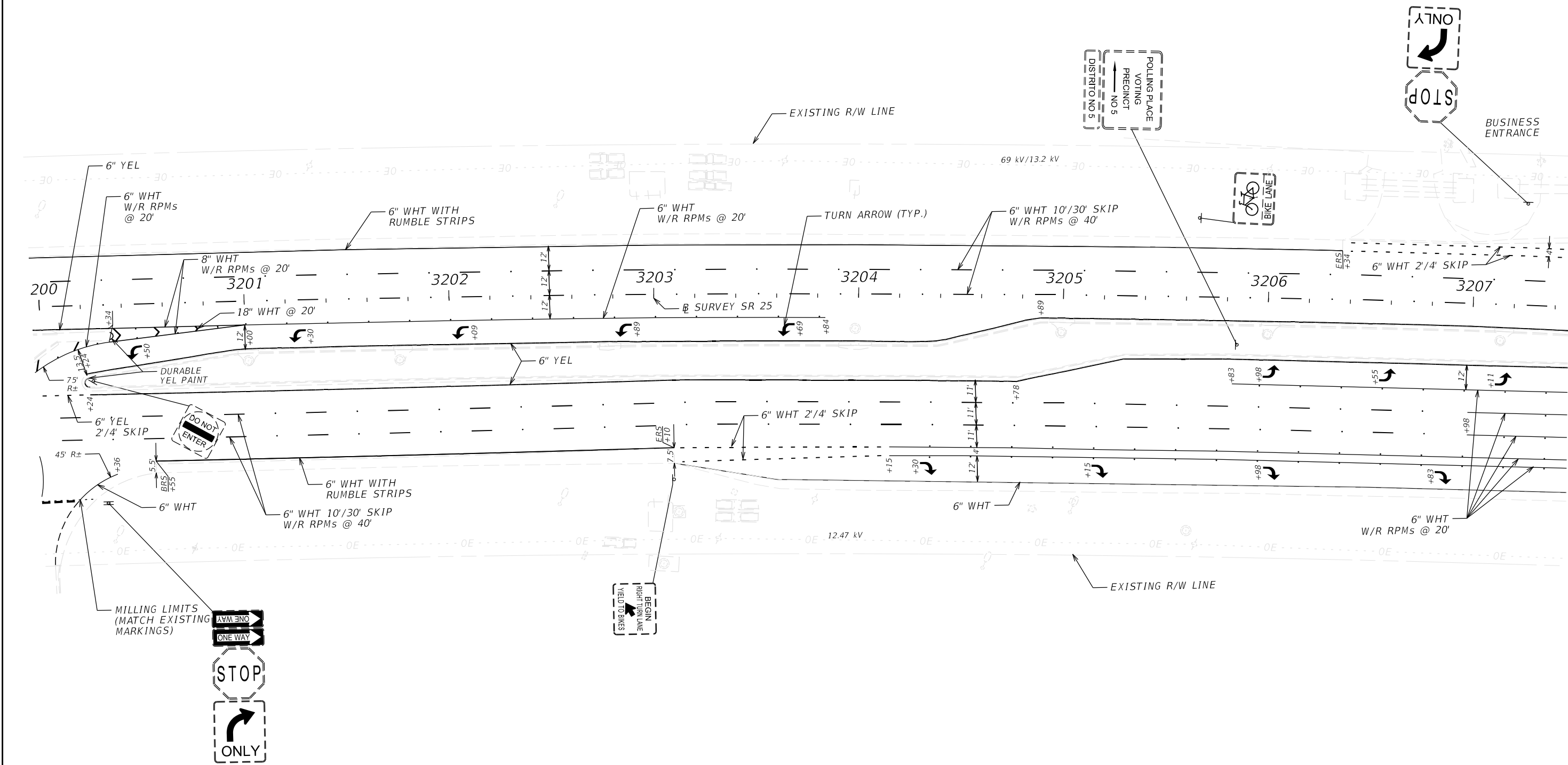
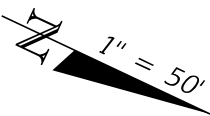


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DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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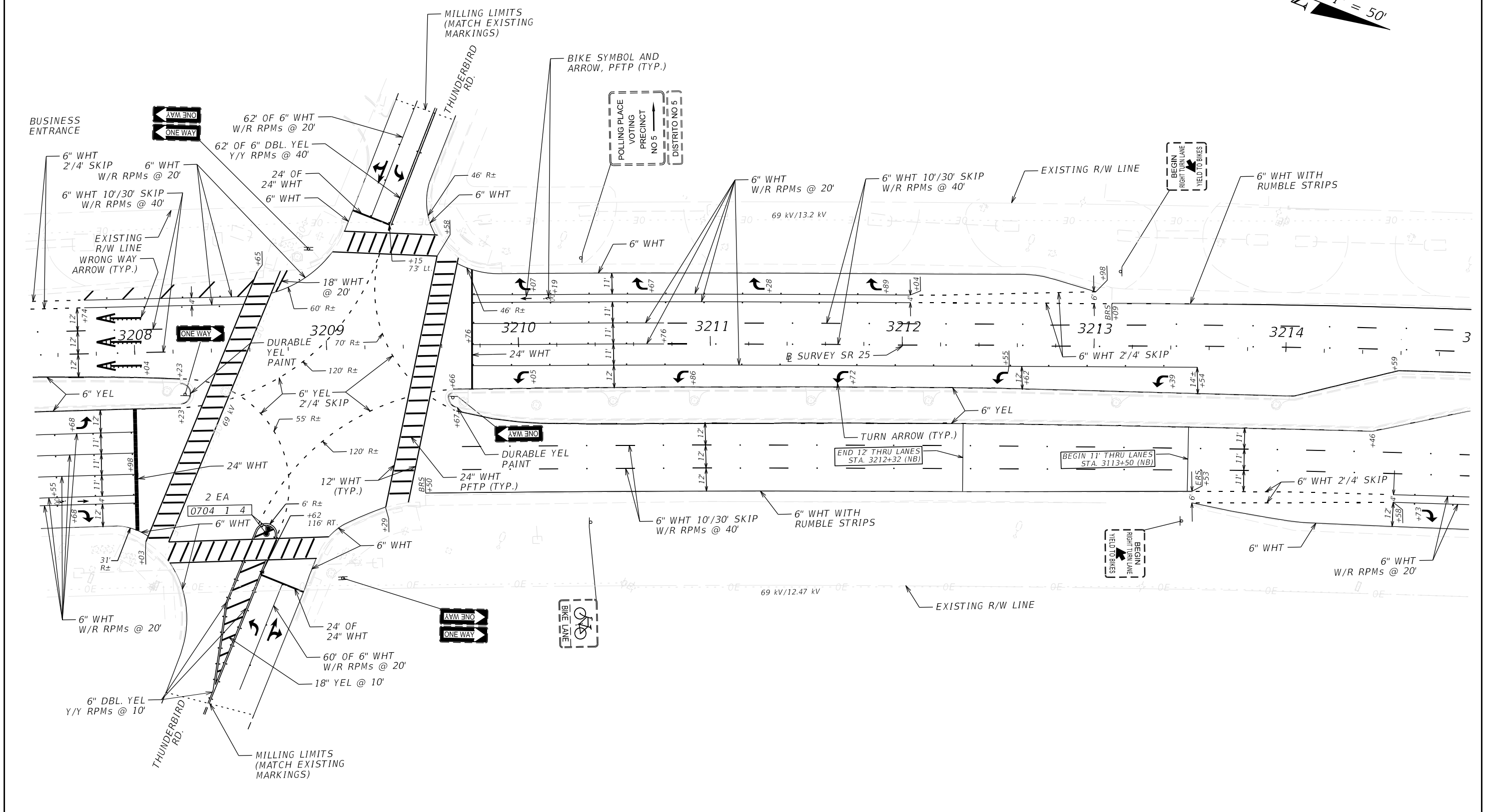
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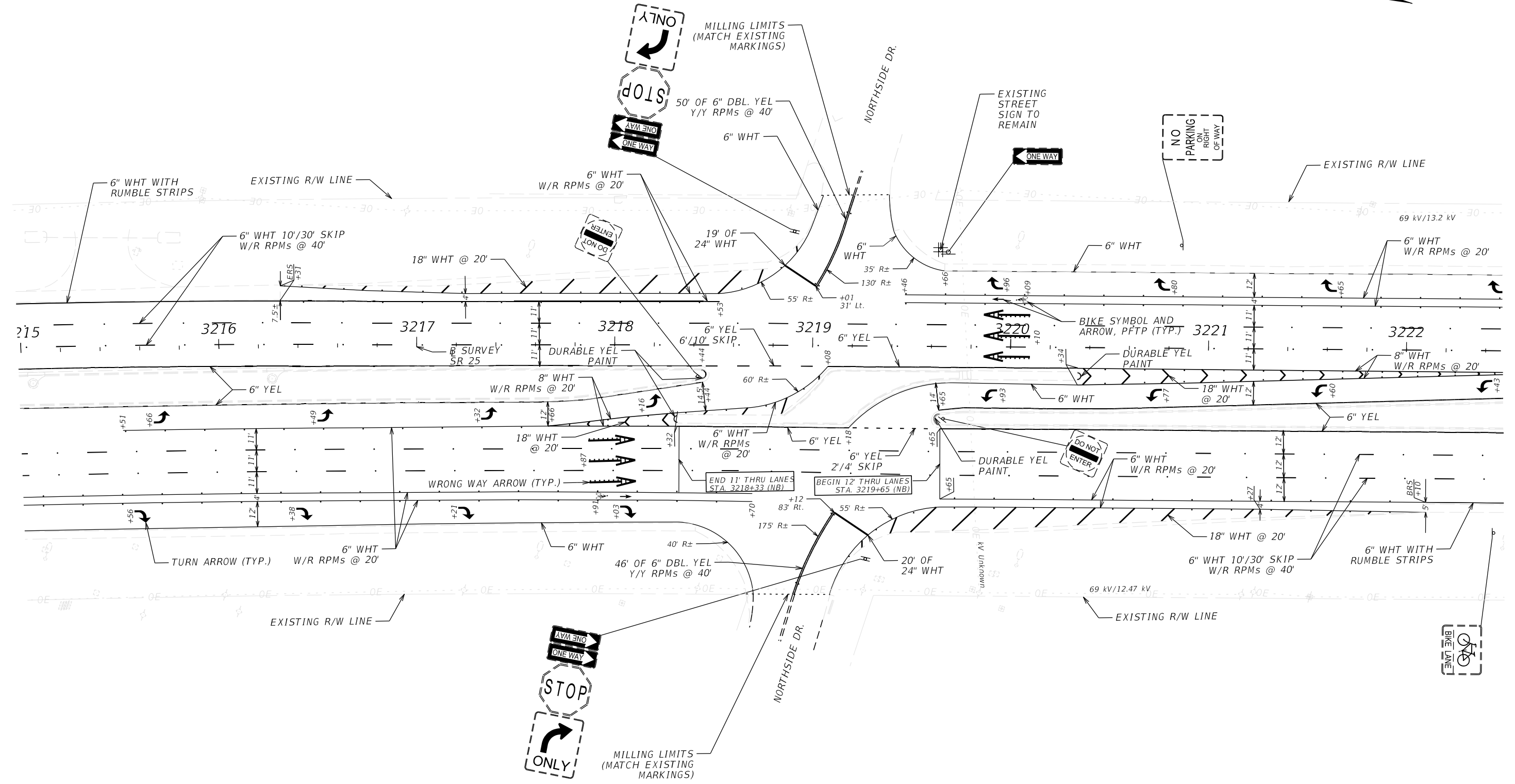
1" = 50'



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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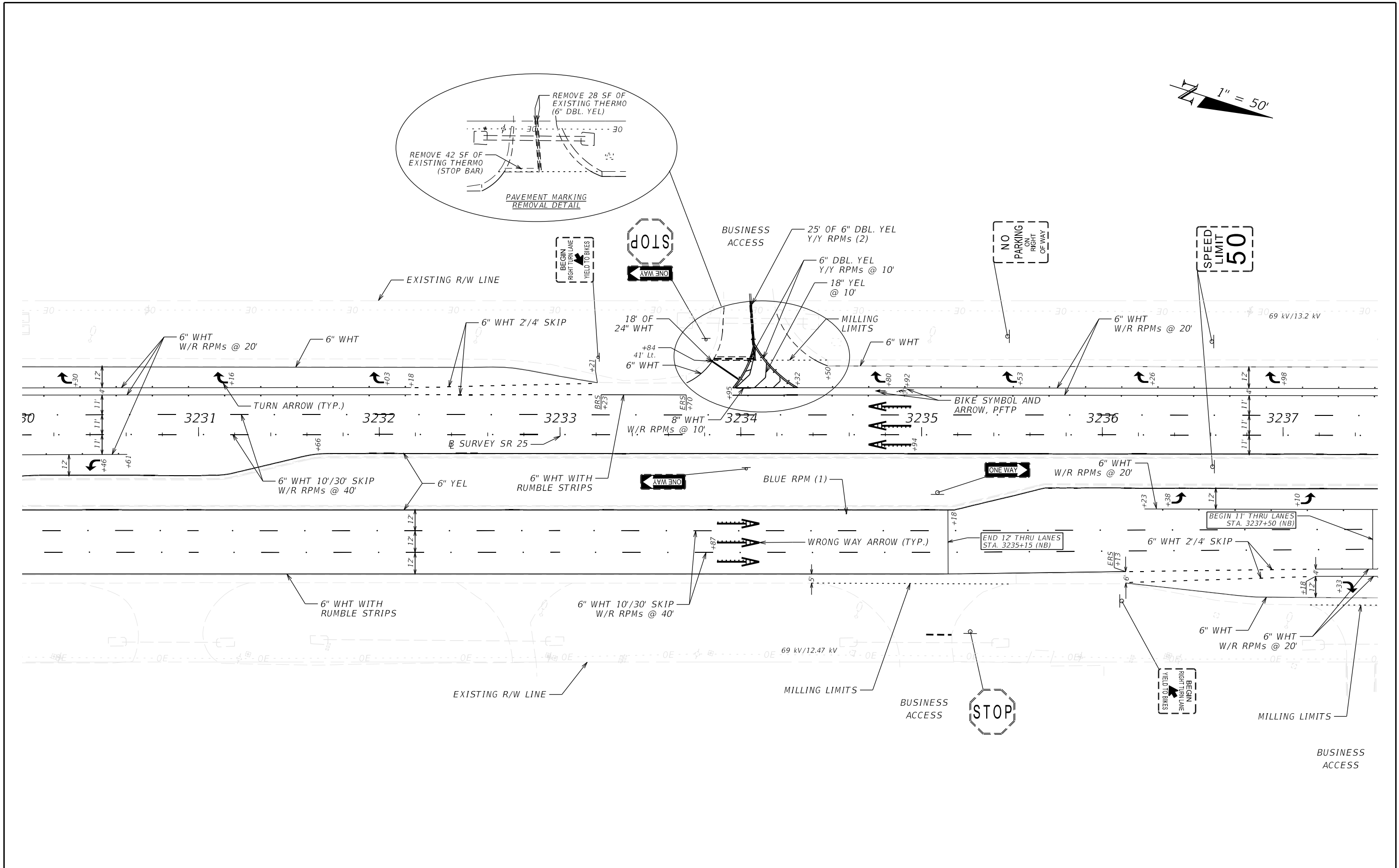
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1" = 50'



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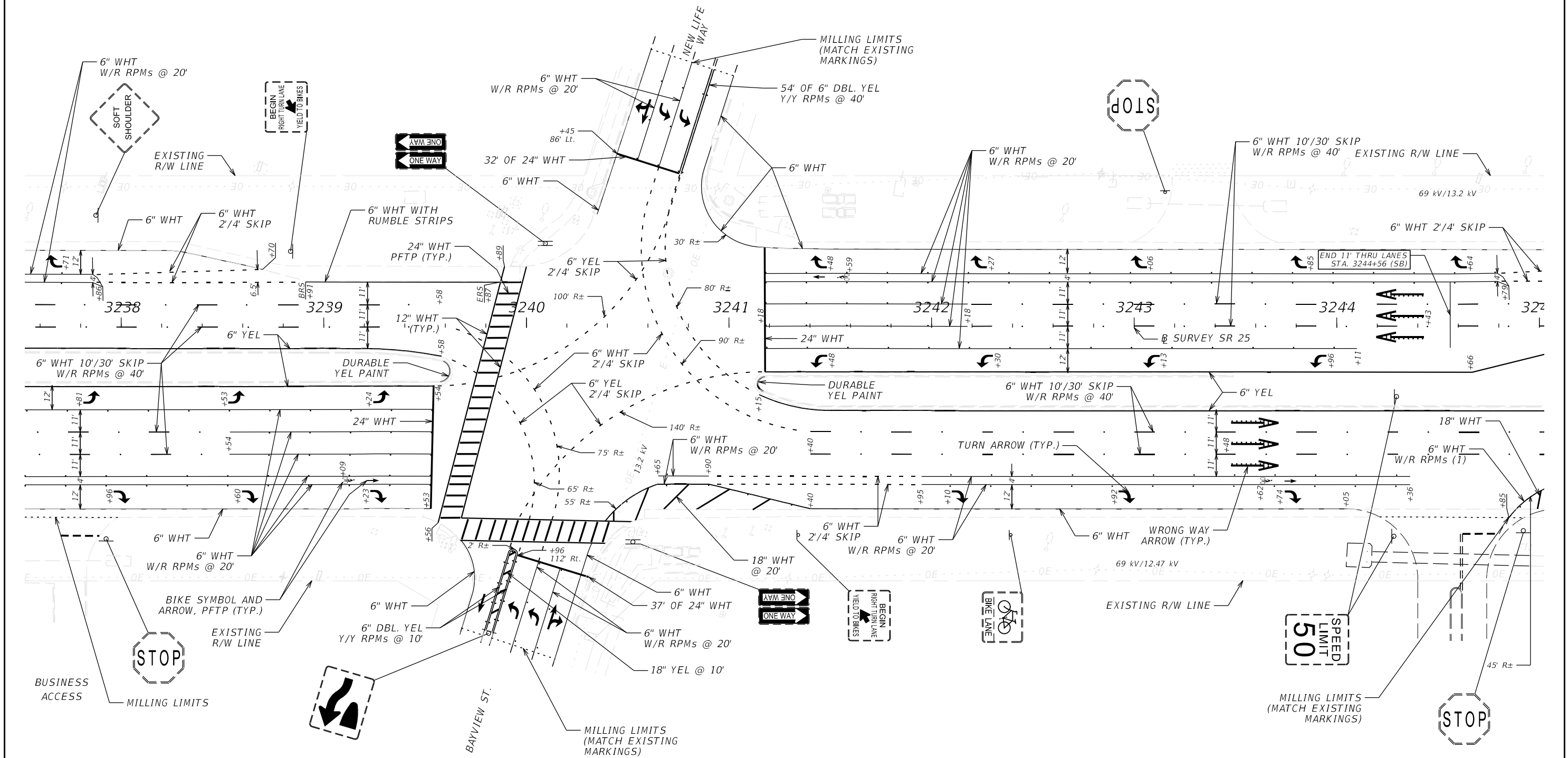
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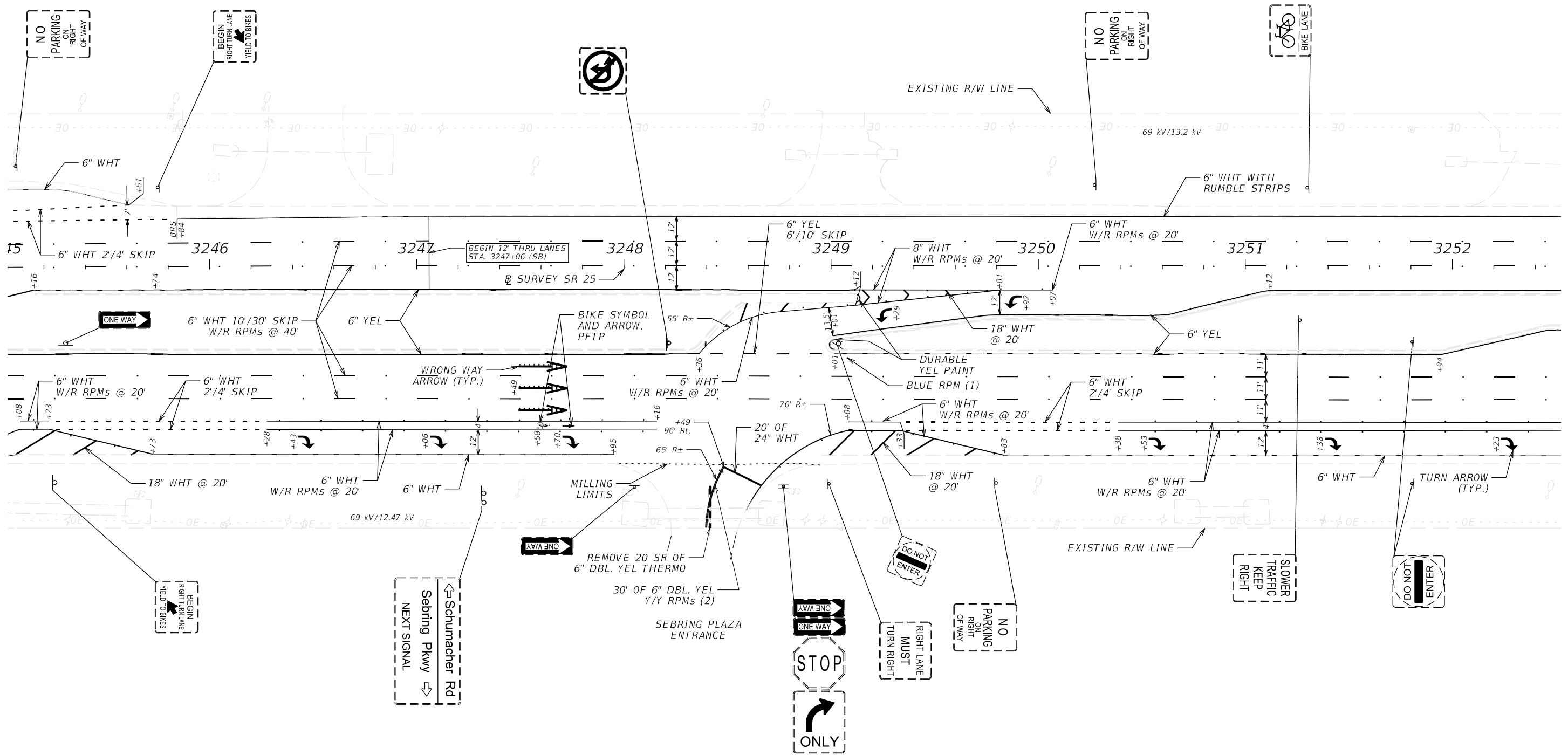
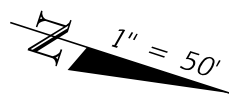
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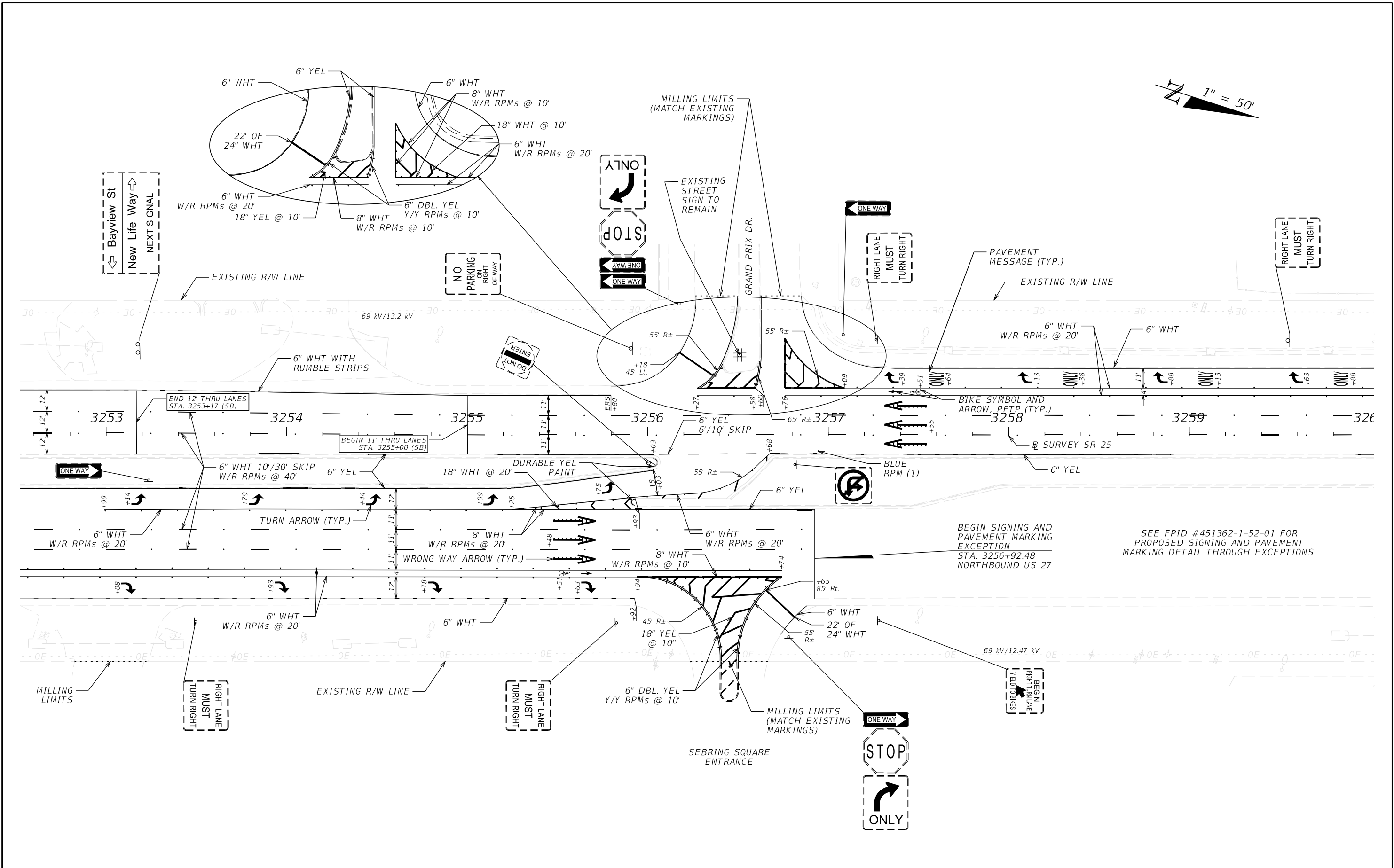
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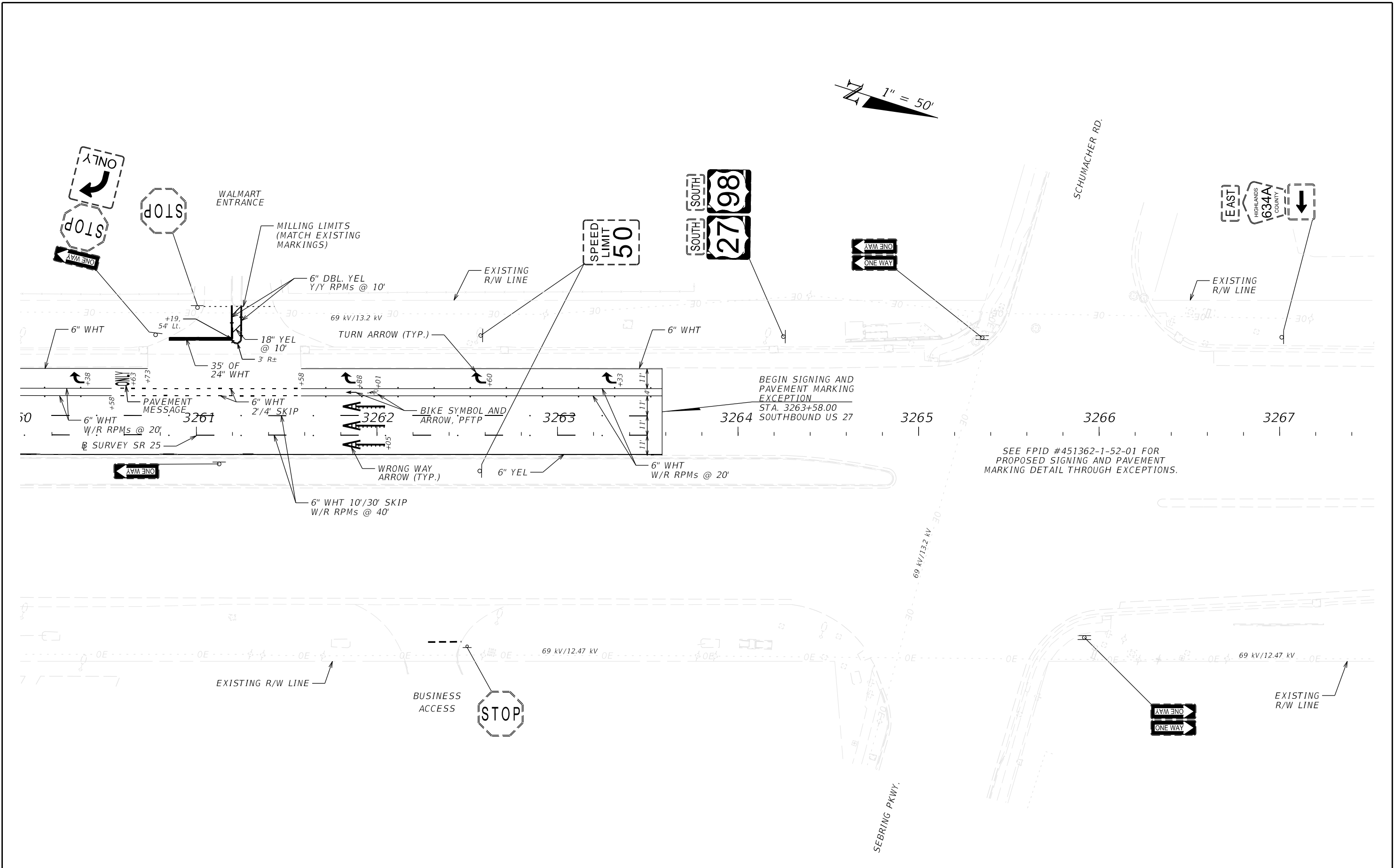


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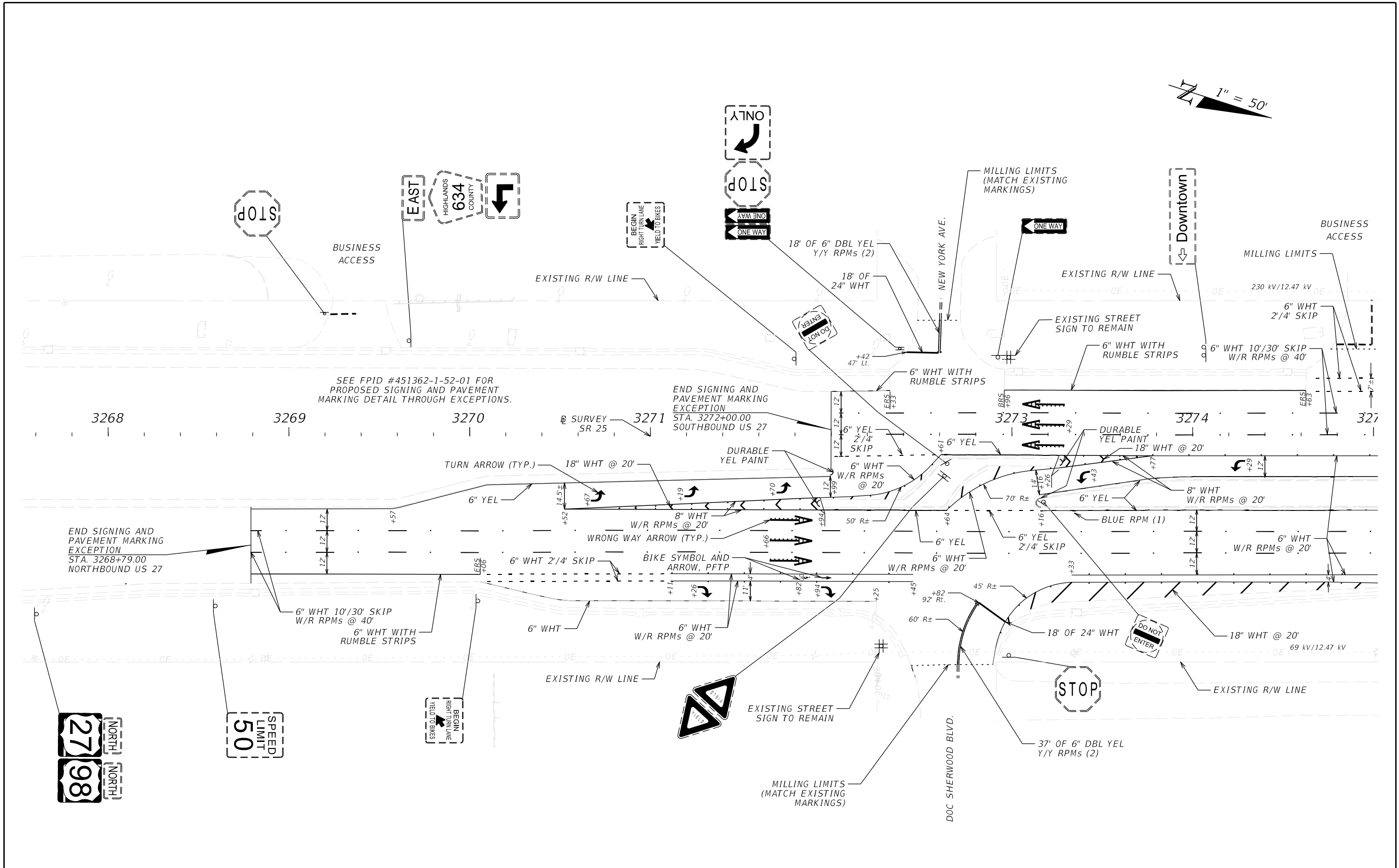
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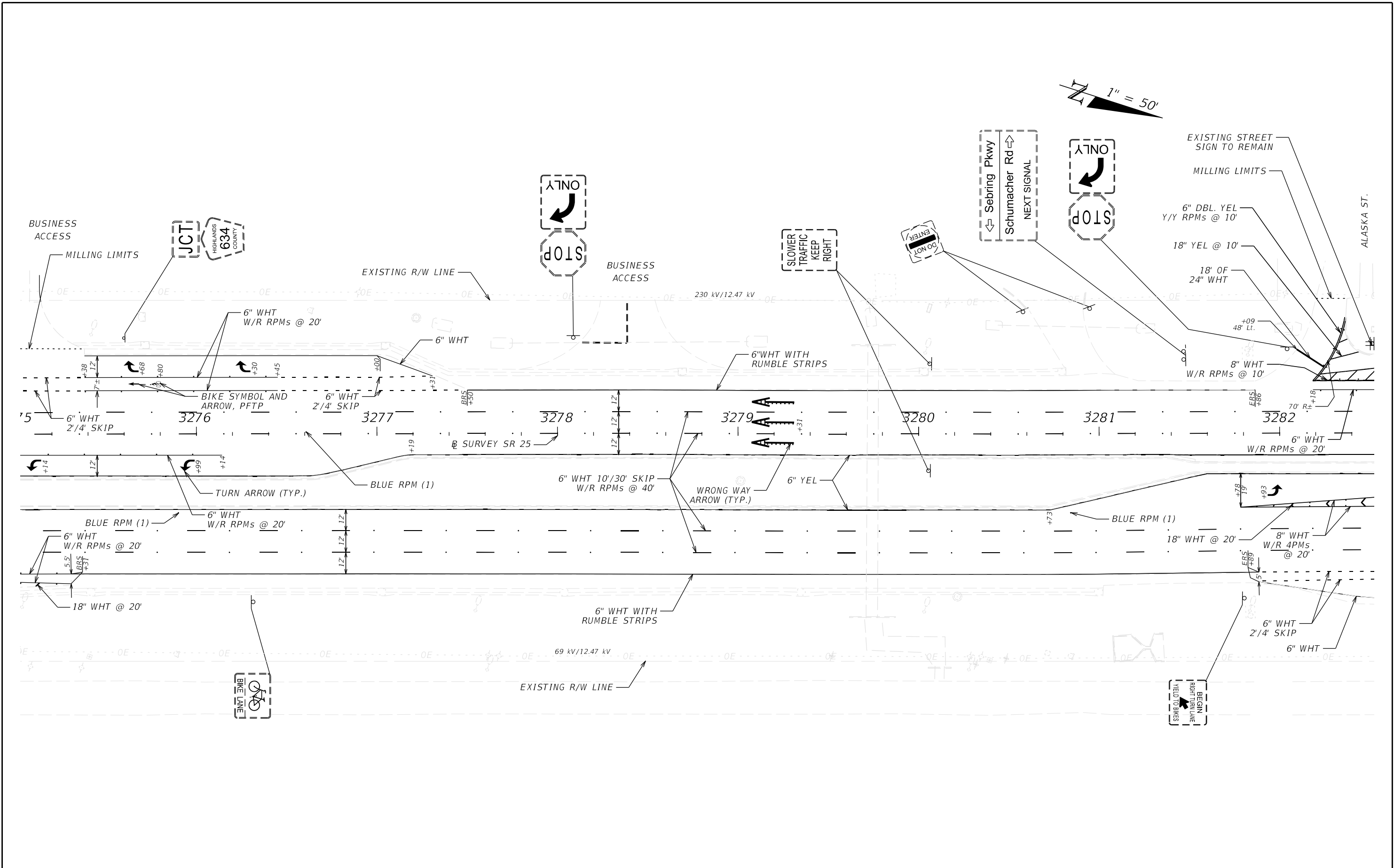
SIGNING AND PAVEMENT
MARKING PLAN

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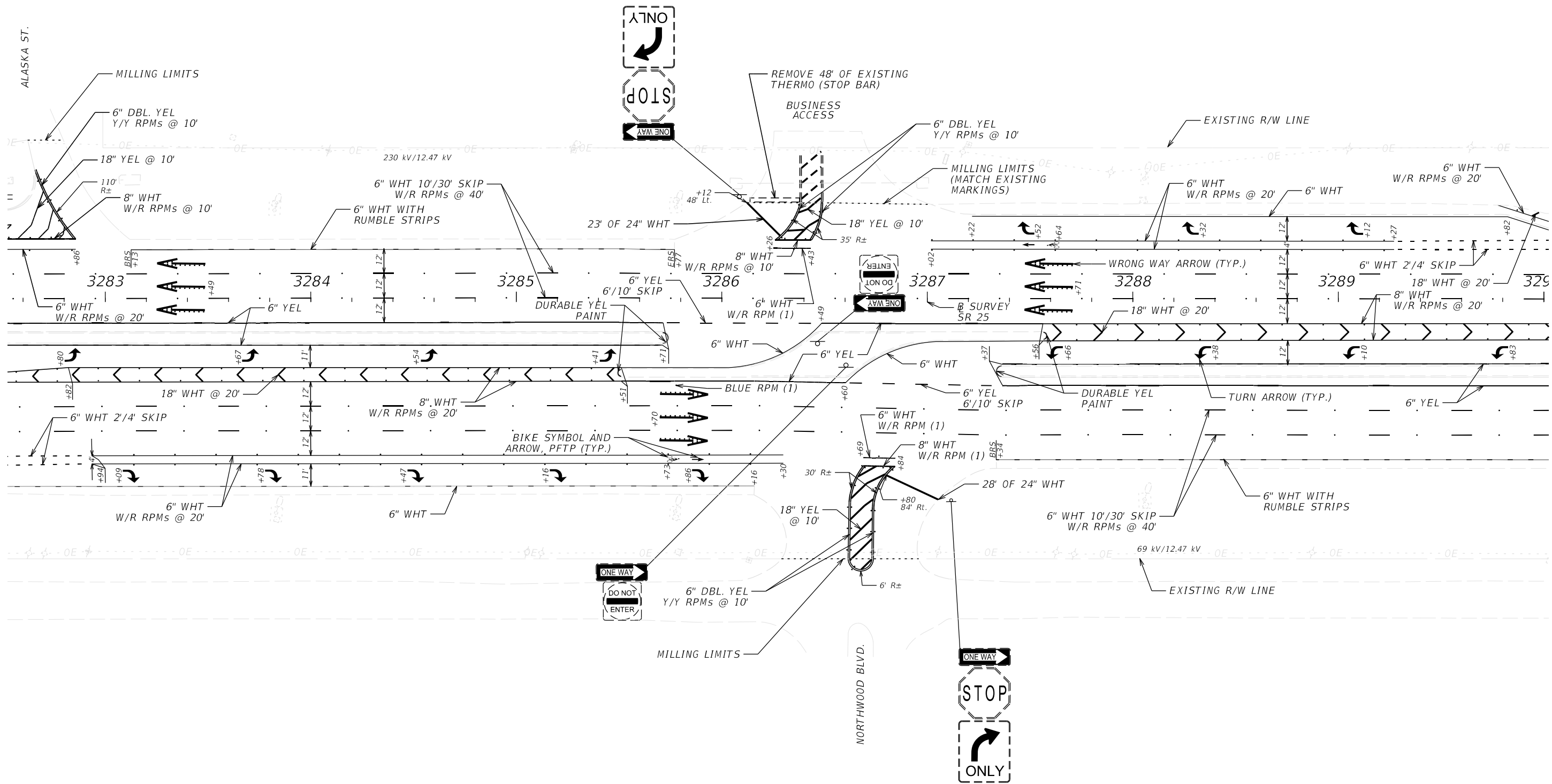


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SIGNING AND PAVEMENT
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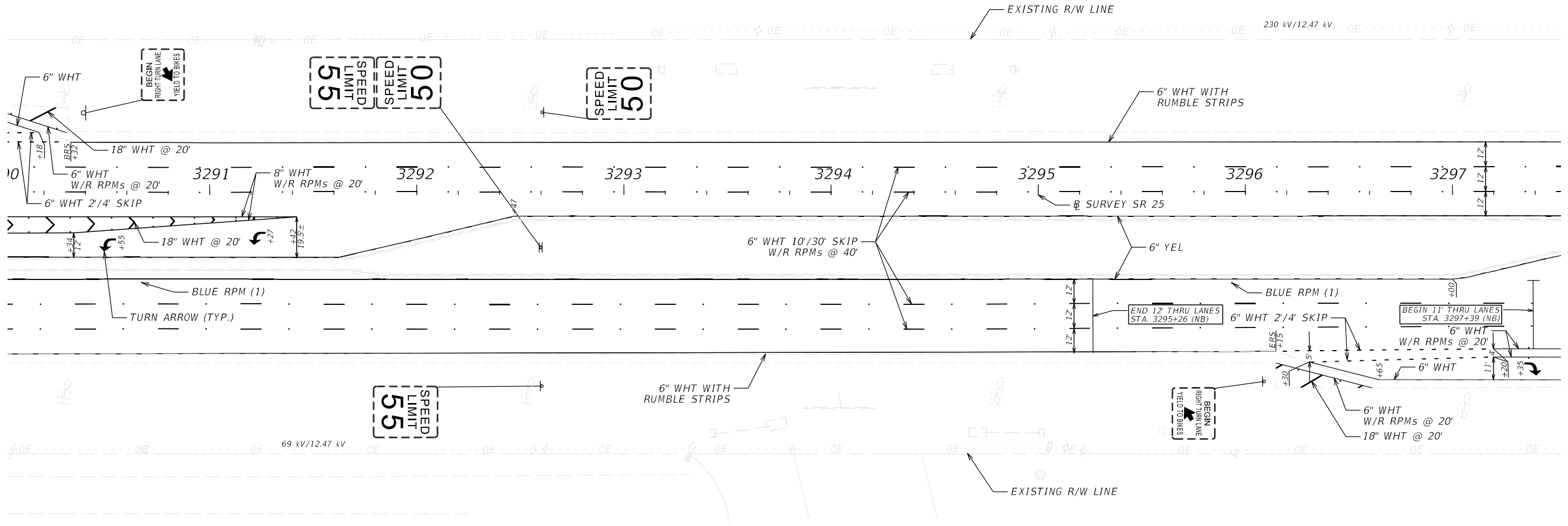
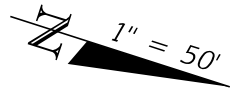
1" = 50'



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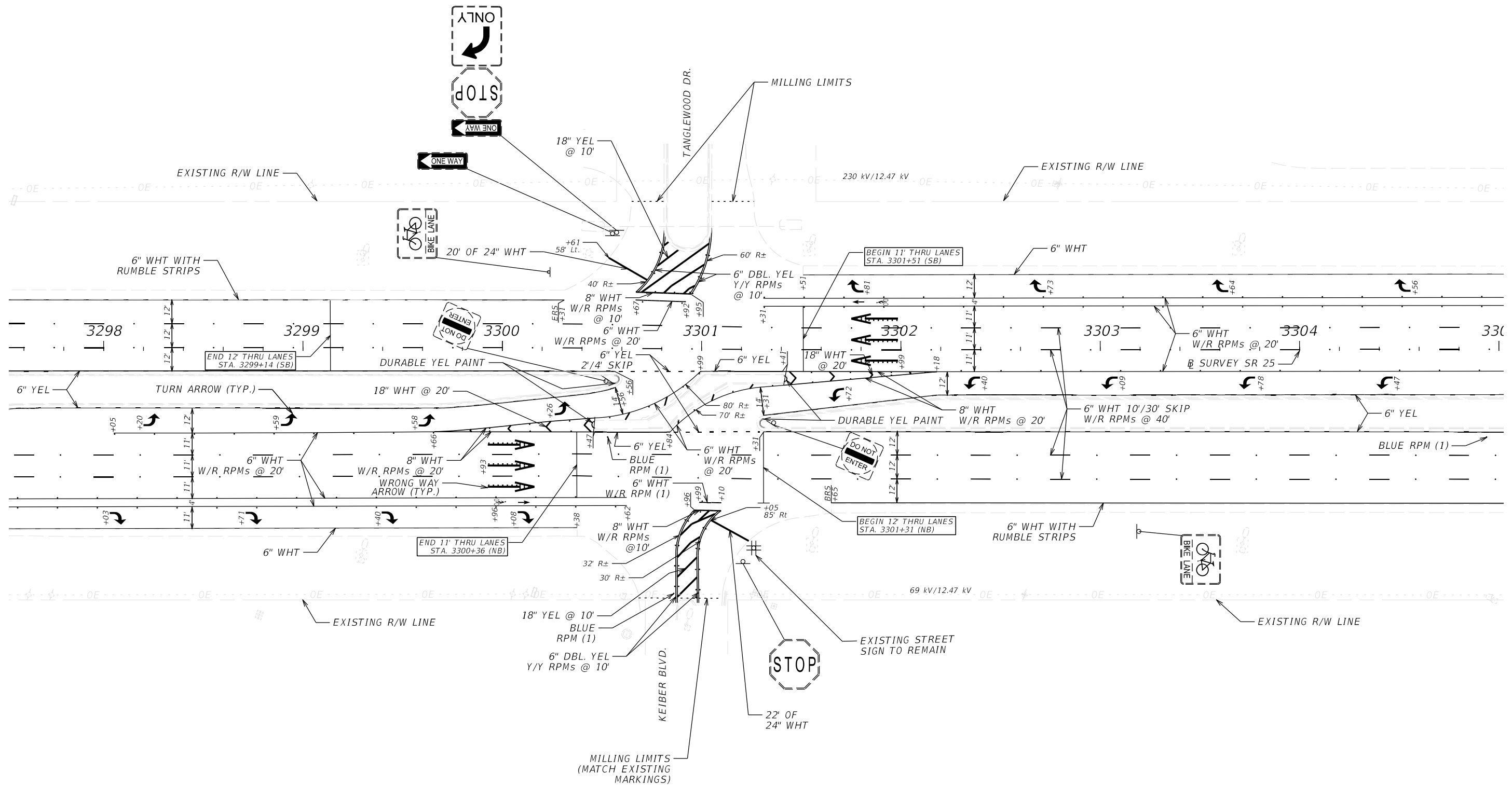
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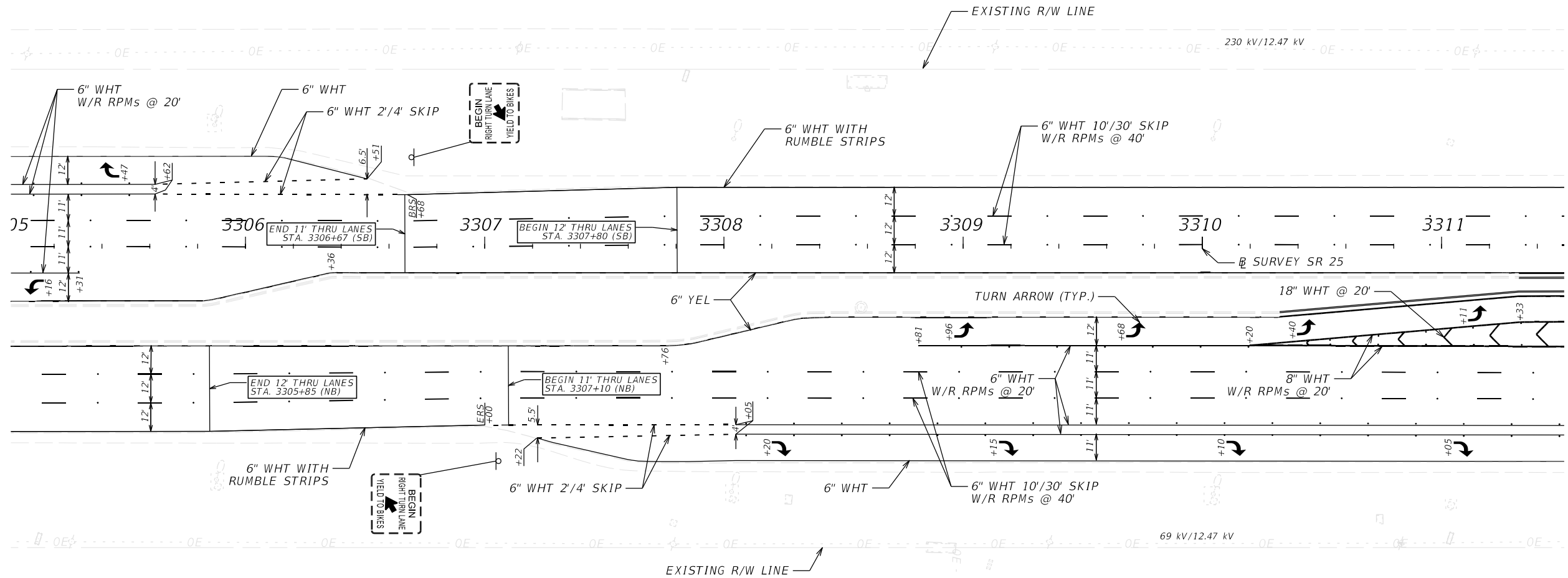
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1" = 50'



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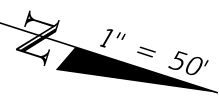
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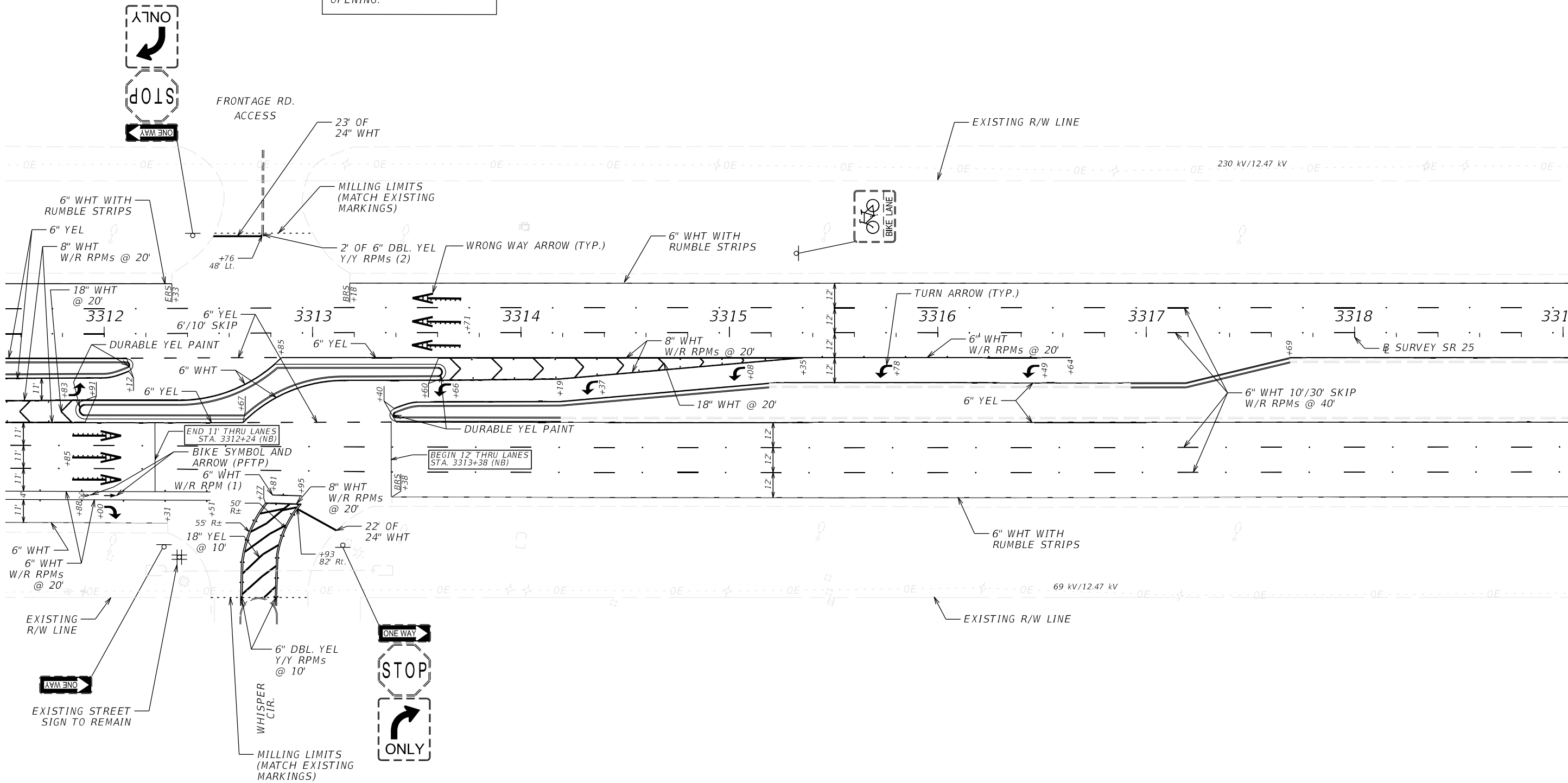
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XIAOXUE PENG, P.E.
LICENSE NUMBER: 94636
FLORIDA DEPT. OF TRANSPORTATION
801 N. BROADWAY AVENUE
BARTOW, FL 33830-3809

SIGNING AND PAVEMENT
MARKING PLAN

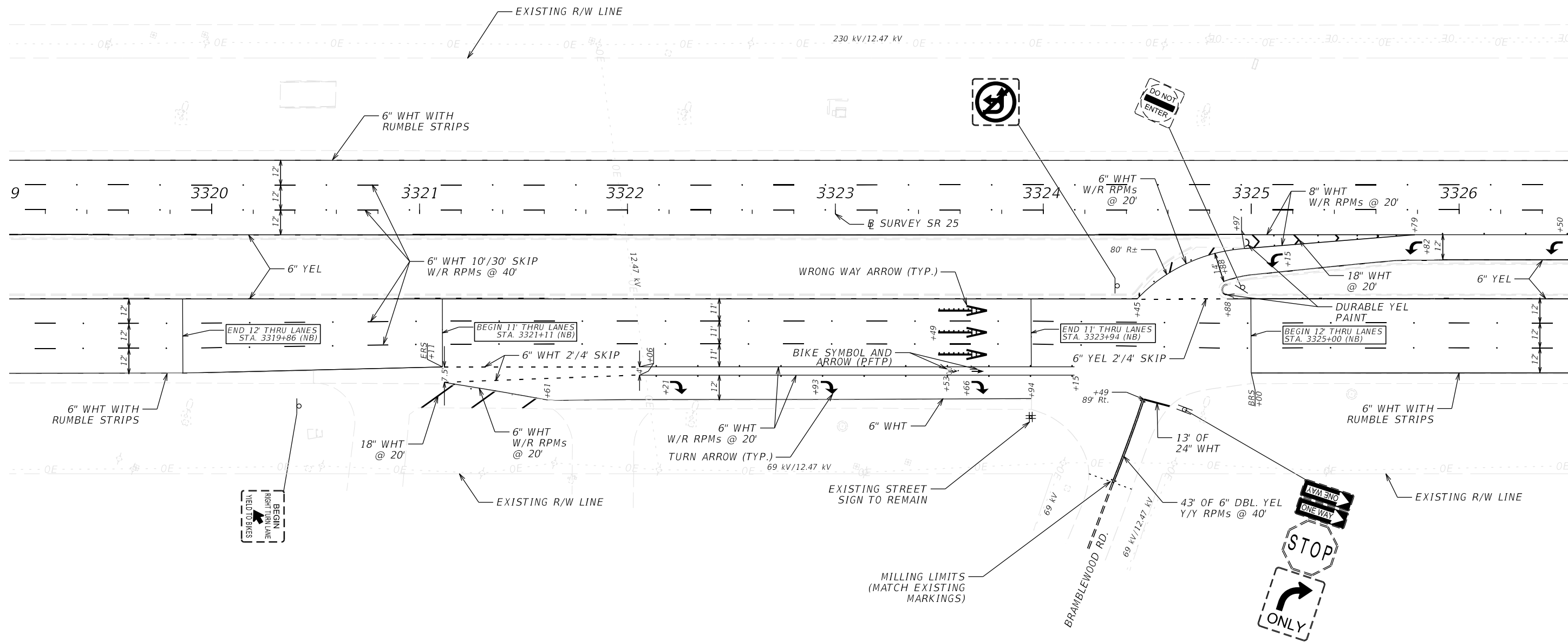
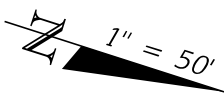


SEE FPID #455182-1-52-01
FOR PROPOSED SIGNING FOR
RECONSTRUCTED MEDIAN
OPENING.

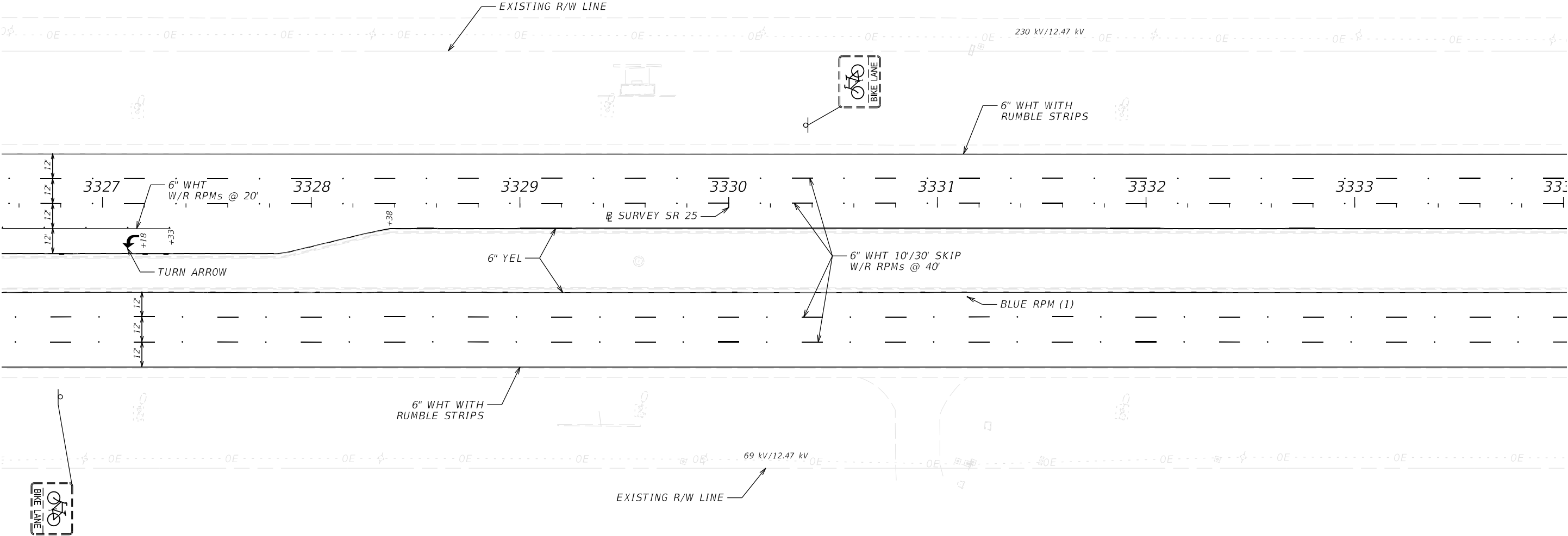
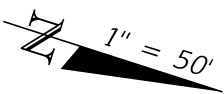


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					SR 25	HIGHLANDS	452621-1-52-01		

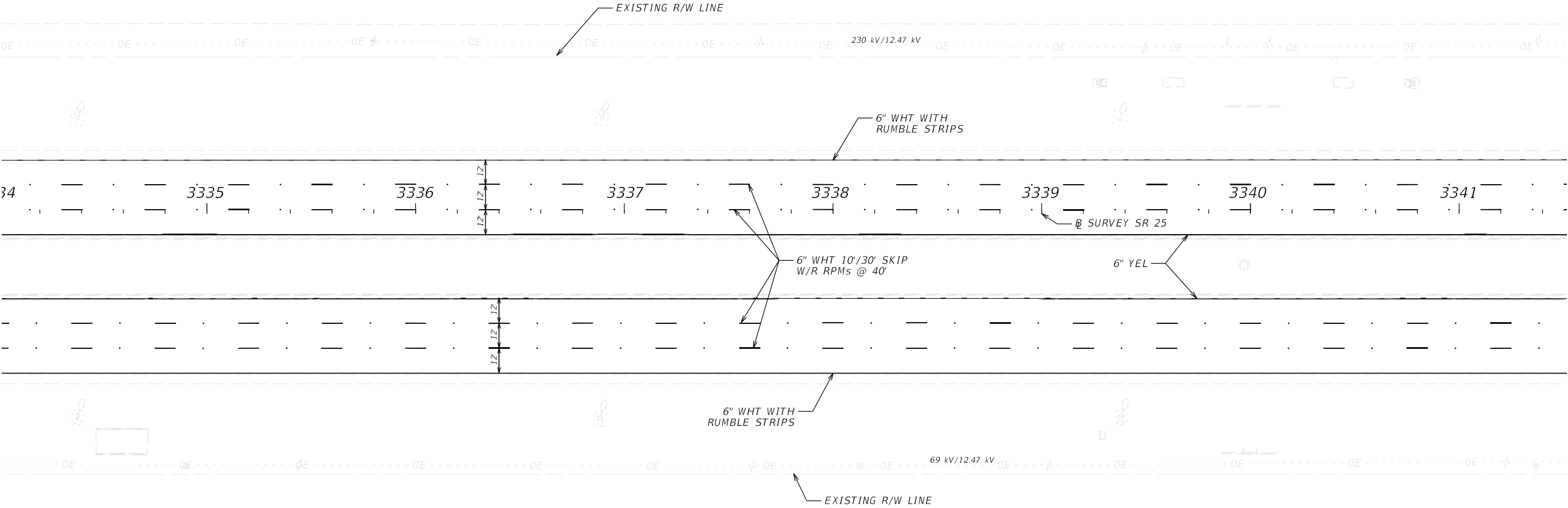
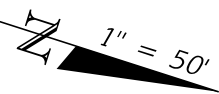
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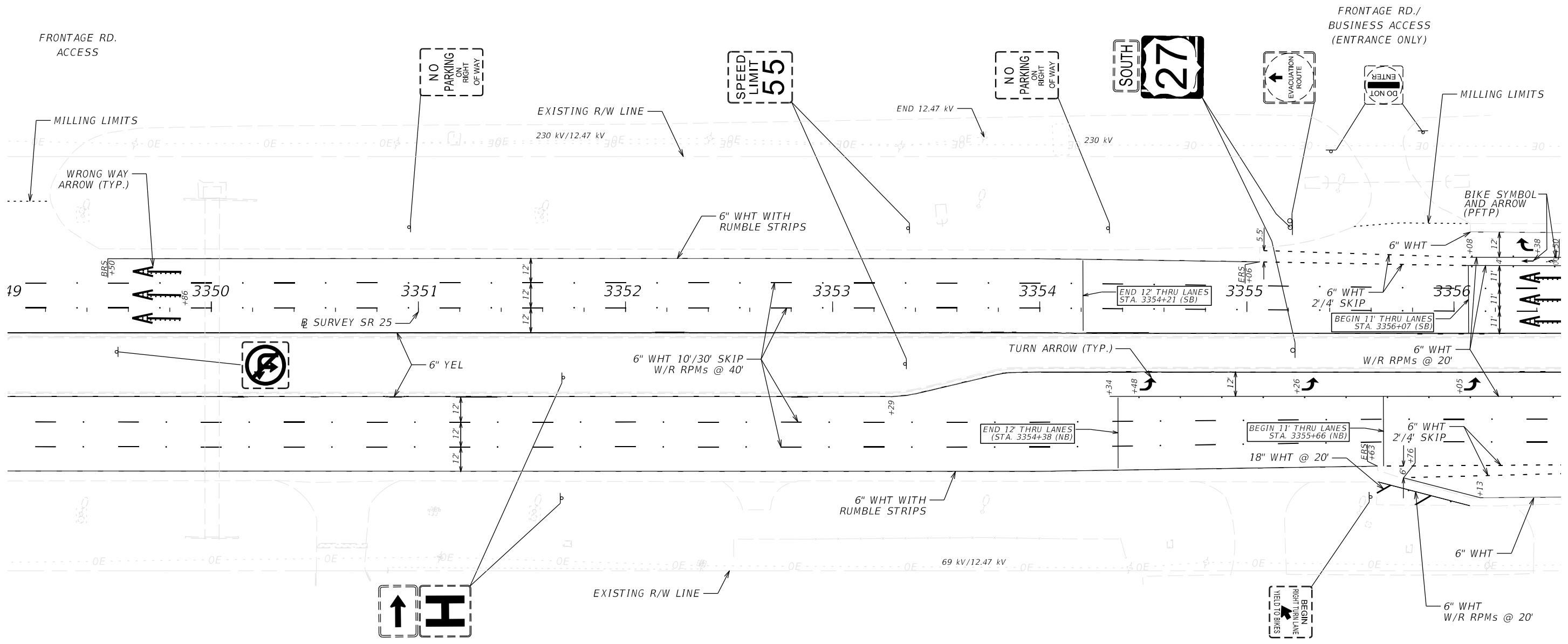
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					SR 25	HIGHLANDS	452621-1-52-01		



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-24
					SR 25	HIGHLANDS	452621-1-52-01		

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

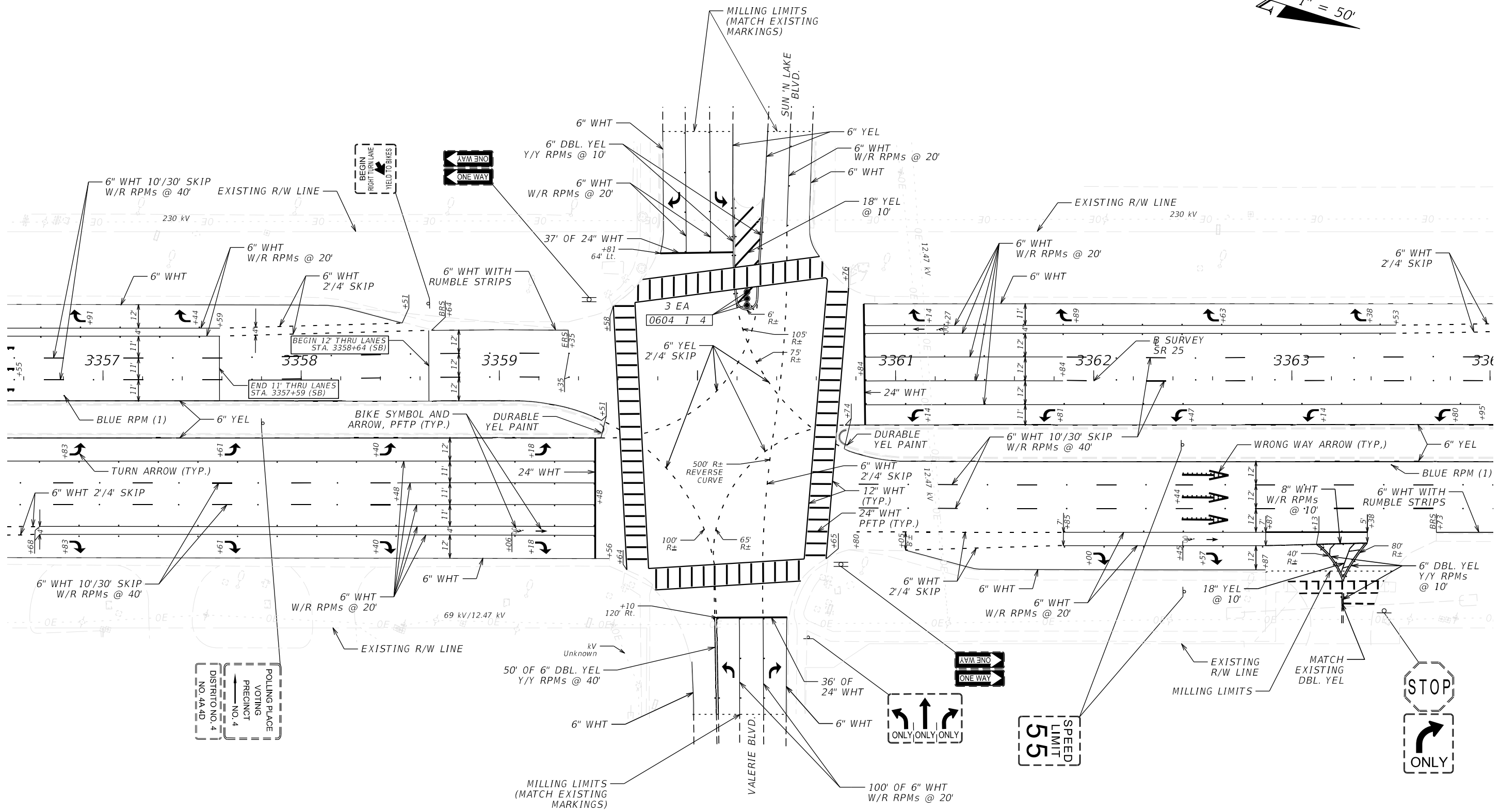
1" = 50'



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-26
					SR 25	HIGHLANDS	452621-1-52-01		

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1" = 50'



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 25	HIGHLANDS	452621-1-52-01	

STOP

ONLY

SPEED LIMIT

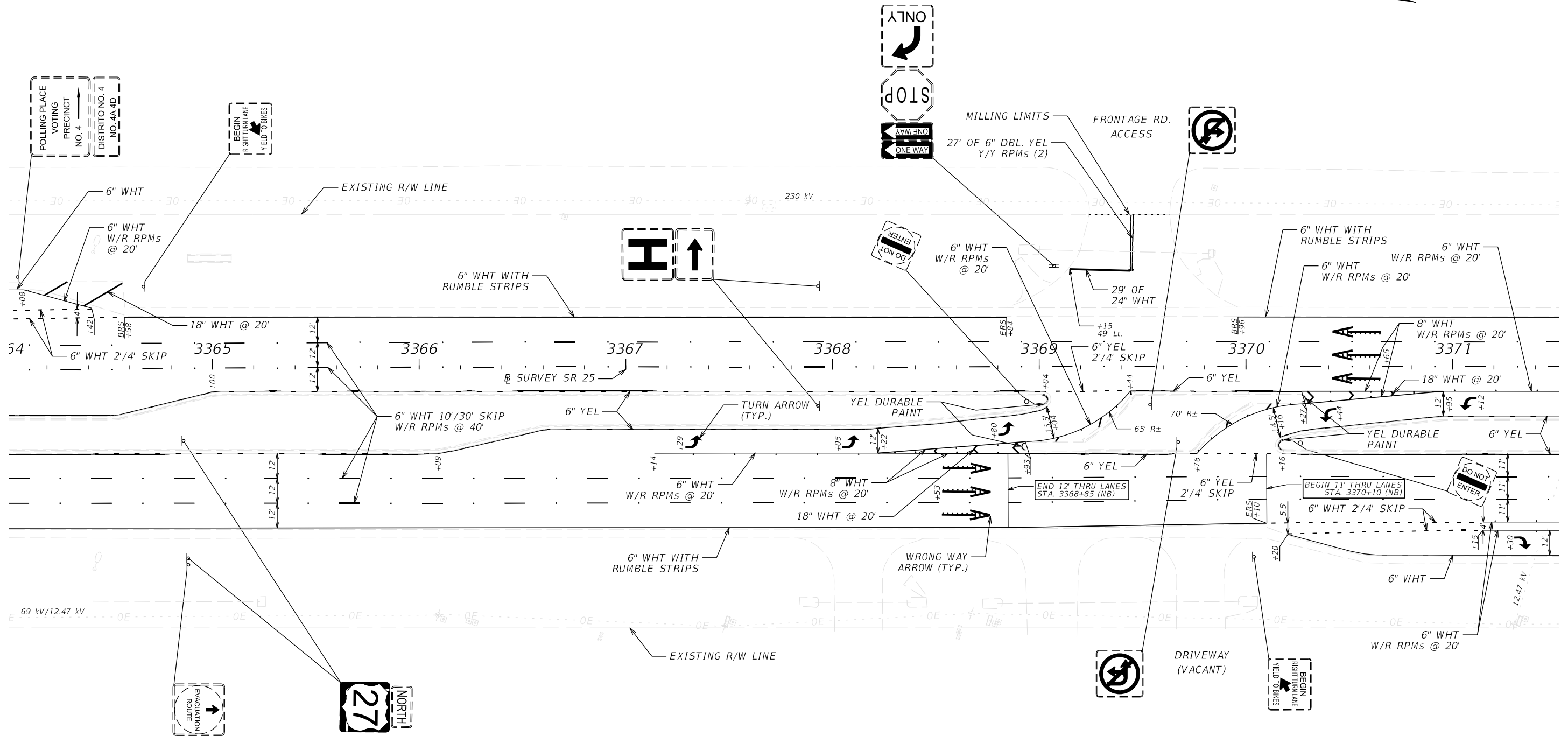
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SIGNING AND PAVEMENT

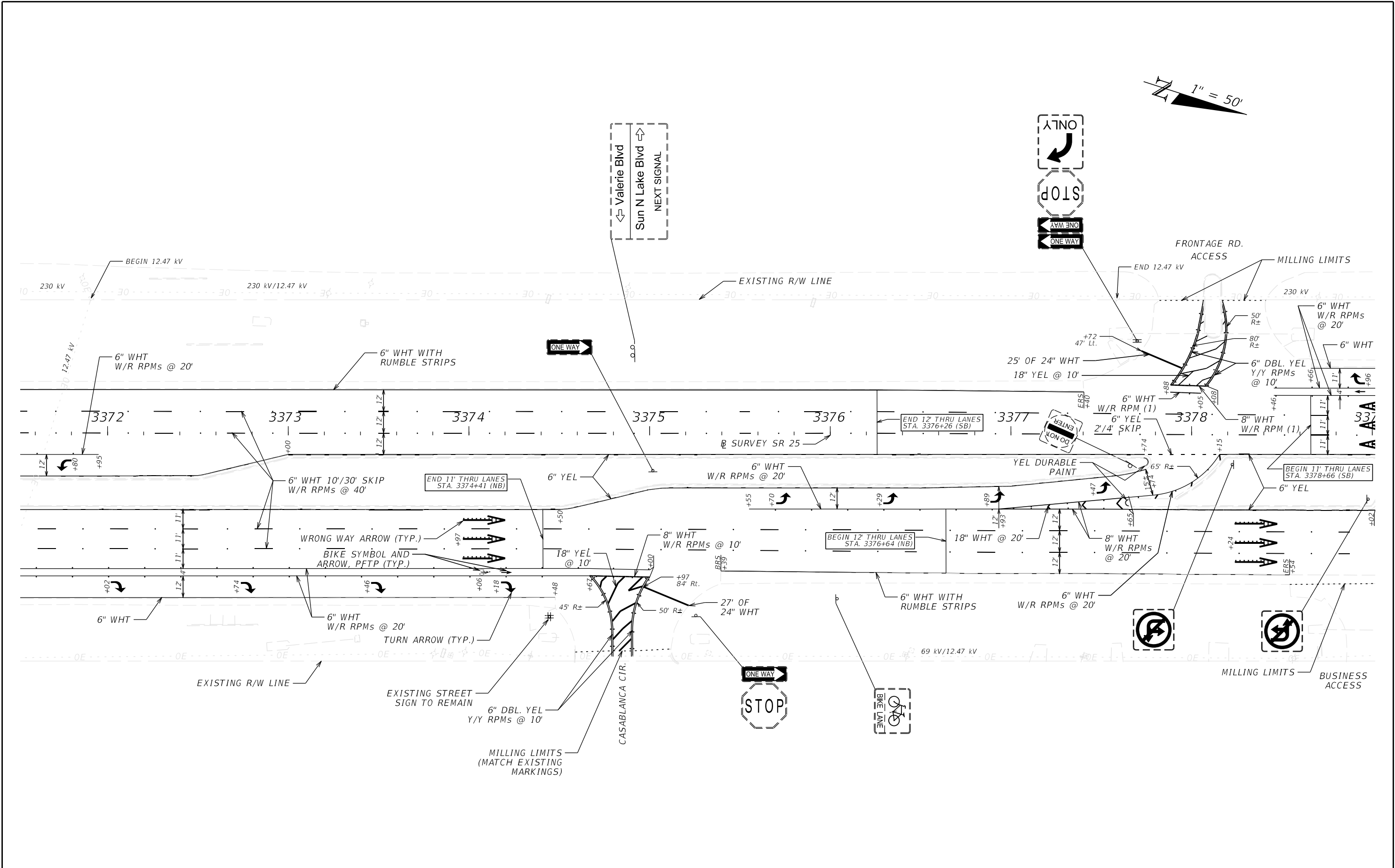
MARKING PLAN

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

1" = 50'



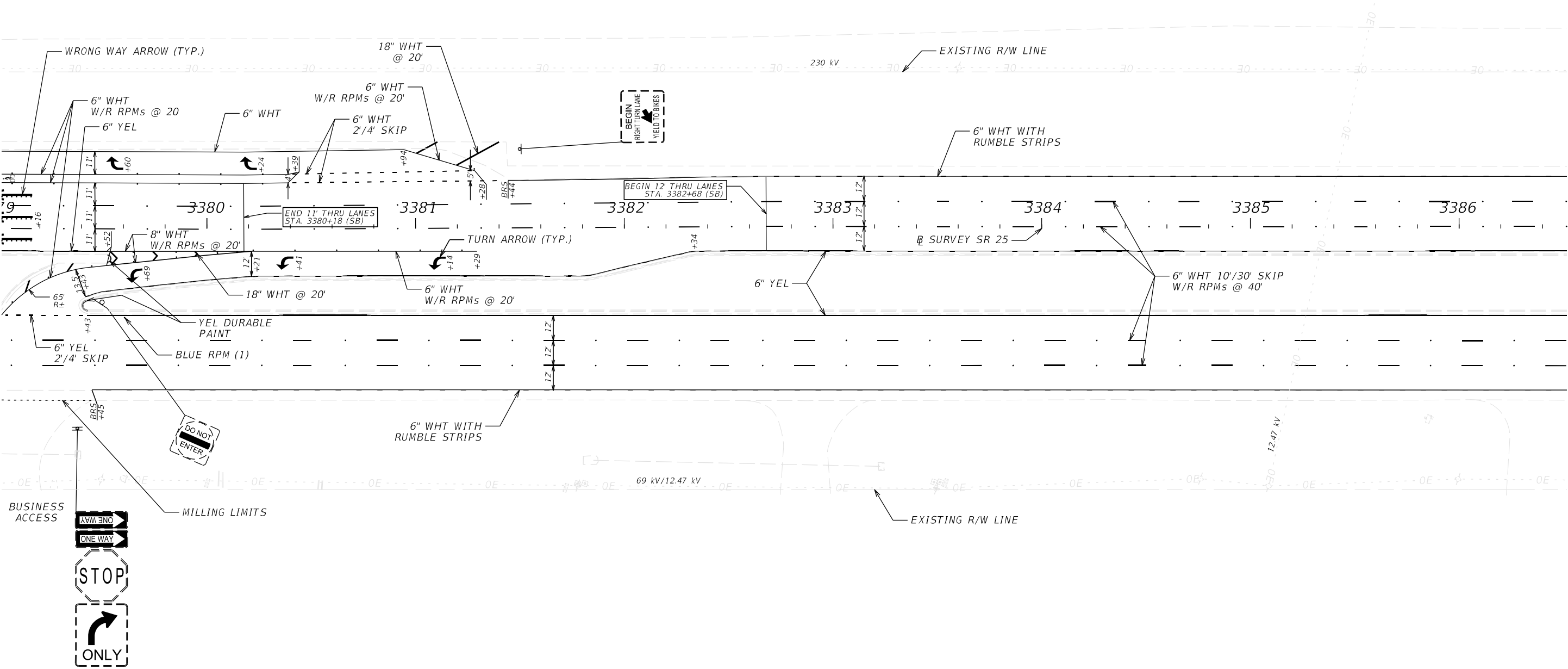
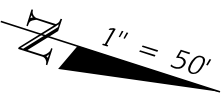
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY		
						SR 25	HIGHLANDS	FINANCIAL PROJECT ID 452621-1-52-01	



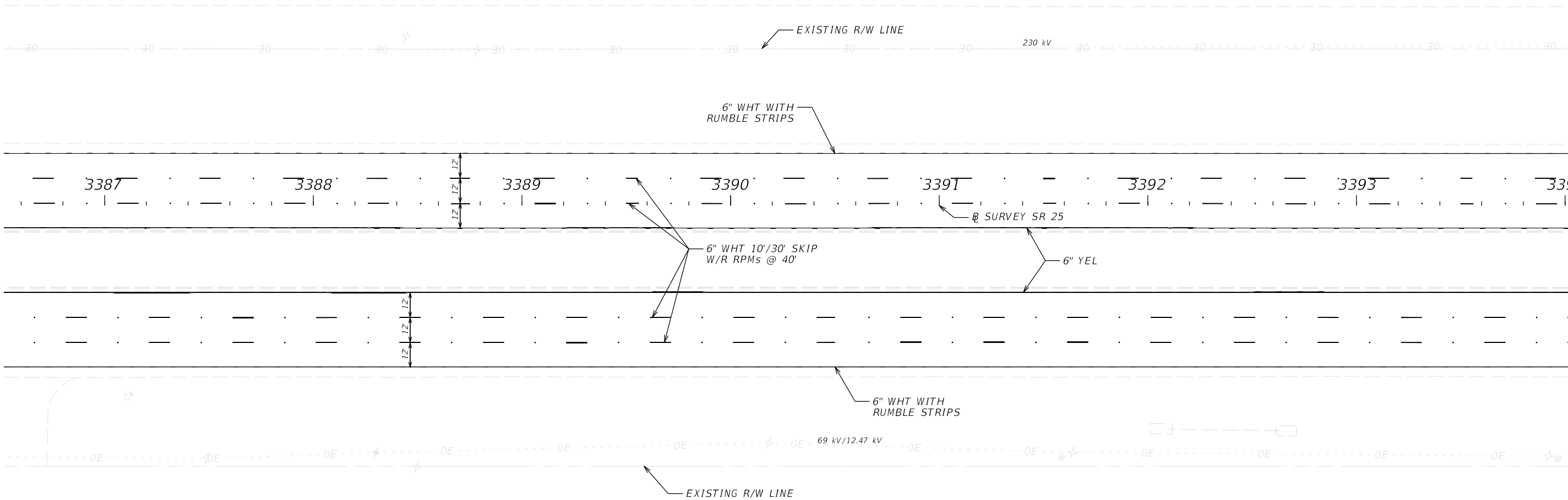
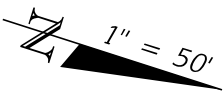
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 25	HIGHLANDS	452621-1-52-01	

SIGNING AND PAVEMENT
MARKING PLAN

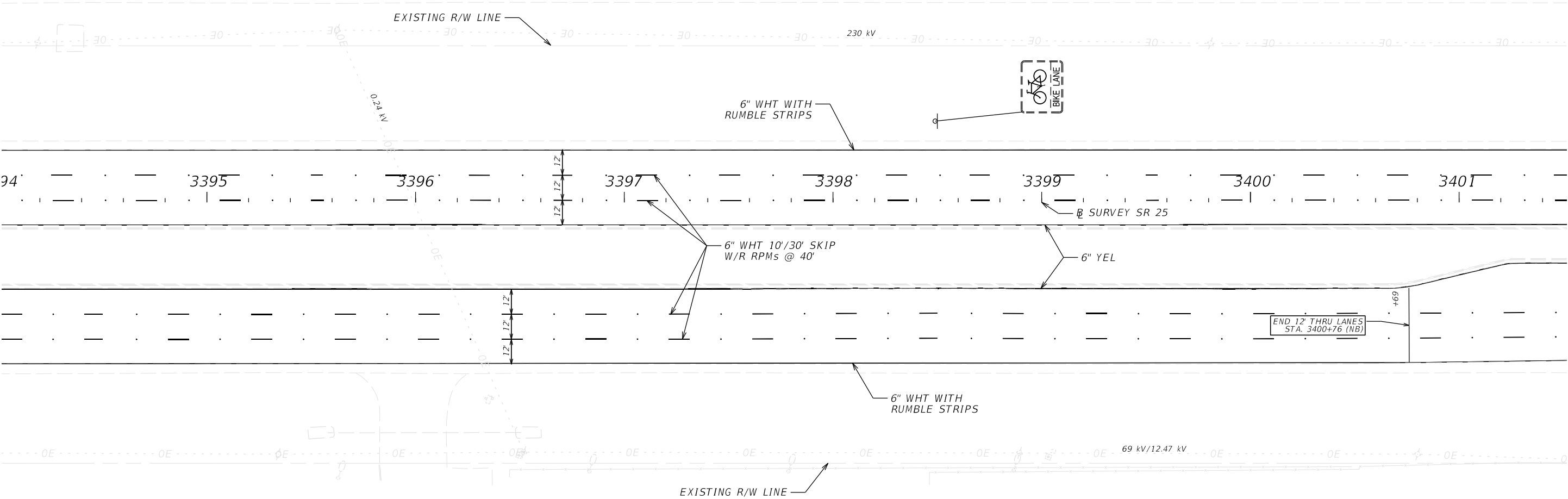
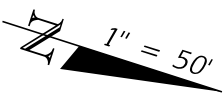
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		S-30

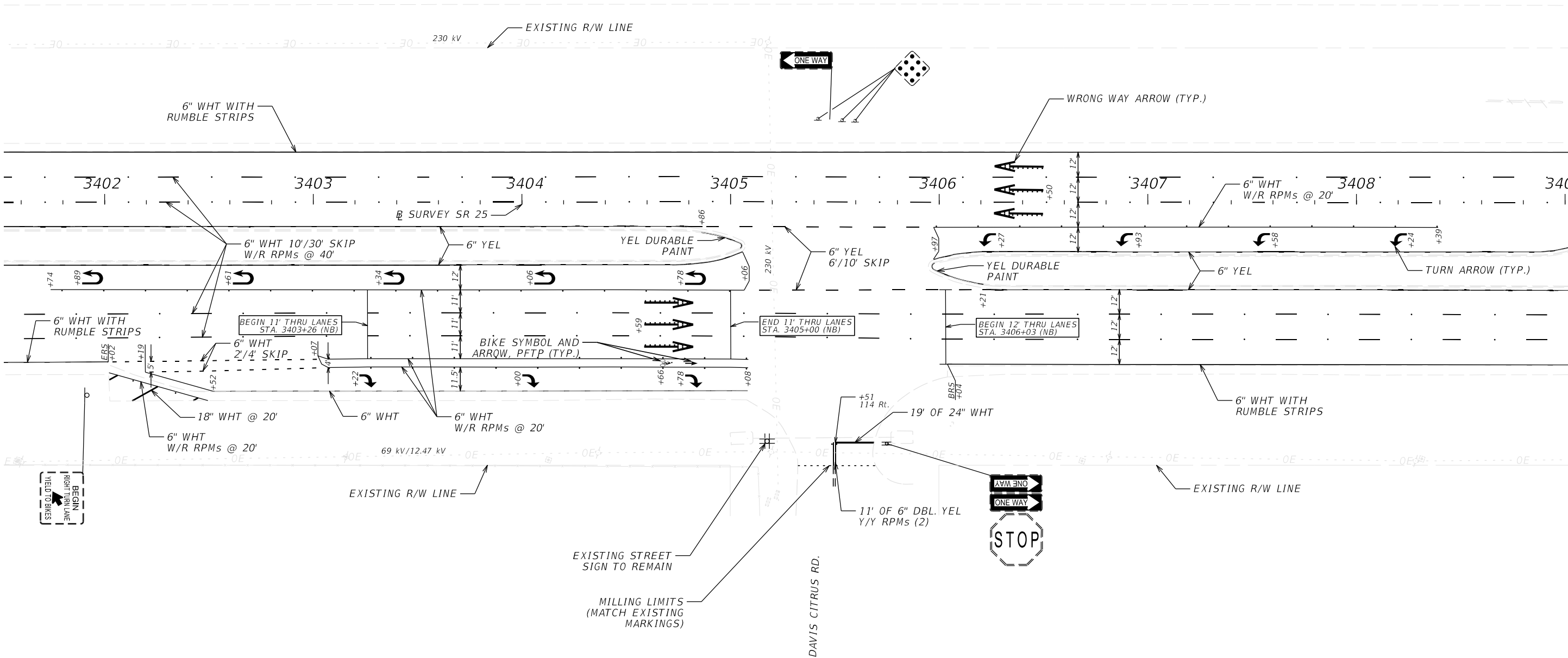


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-31
					SR 25	HIGHLANDS	452621-1-52-01		

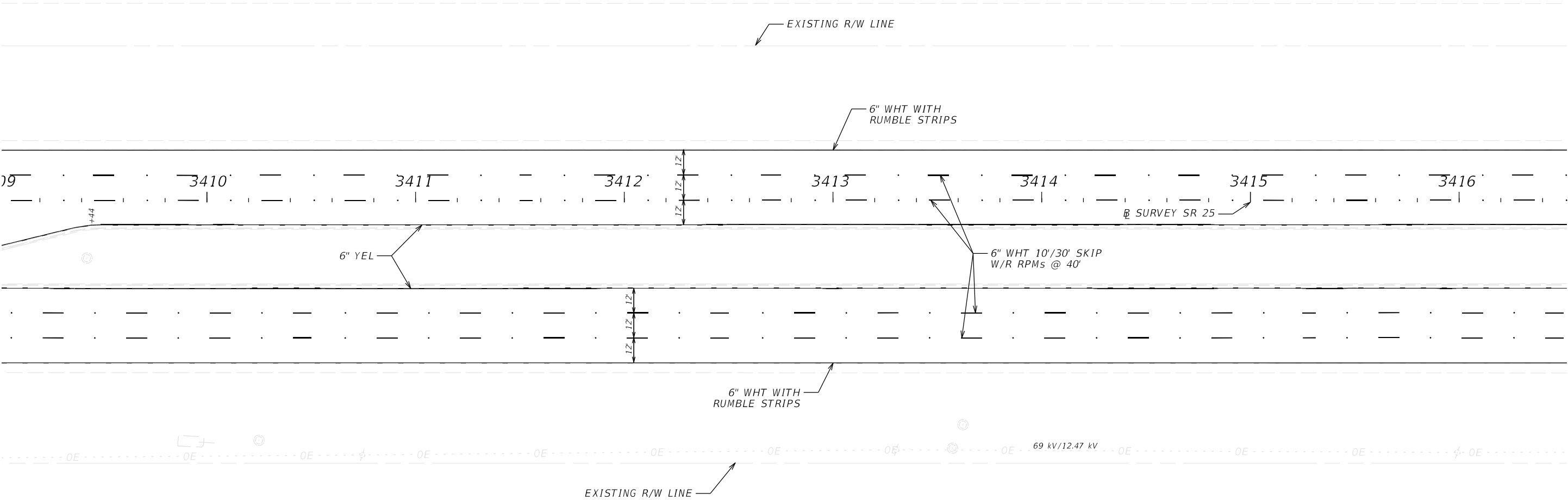
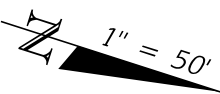


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-32
					SR 25	HIGHLANDS	452621-1-52-01		

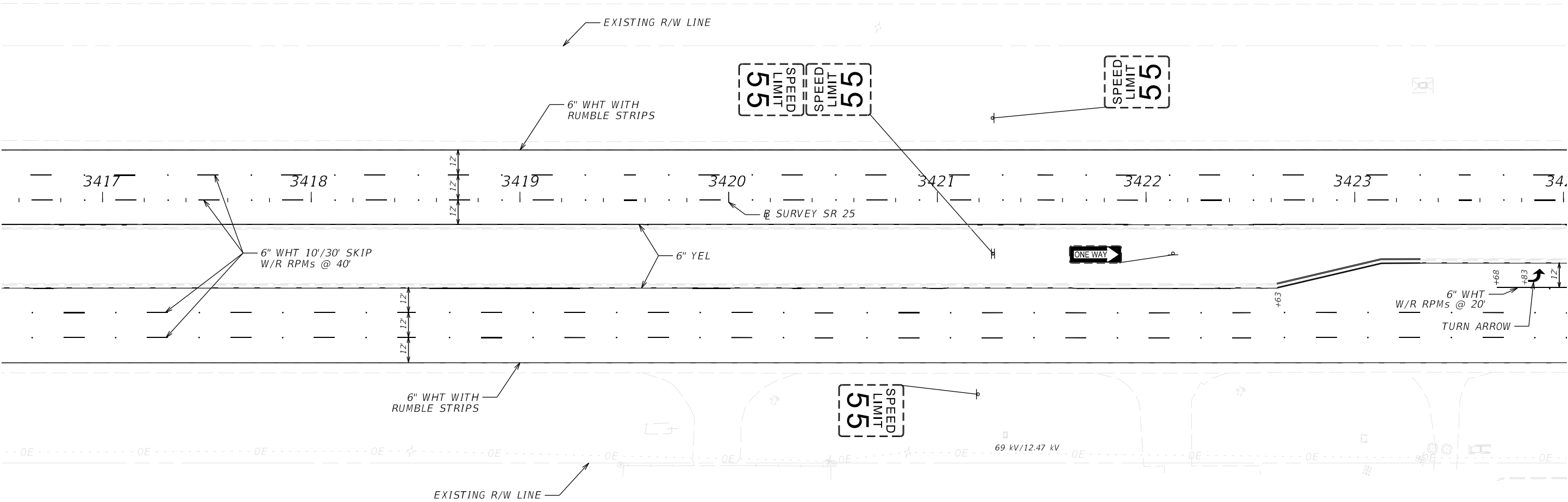
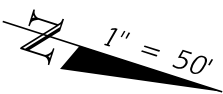
1" = 50'



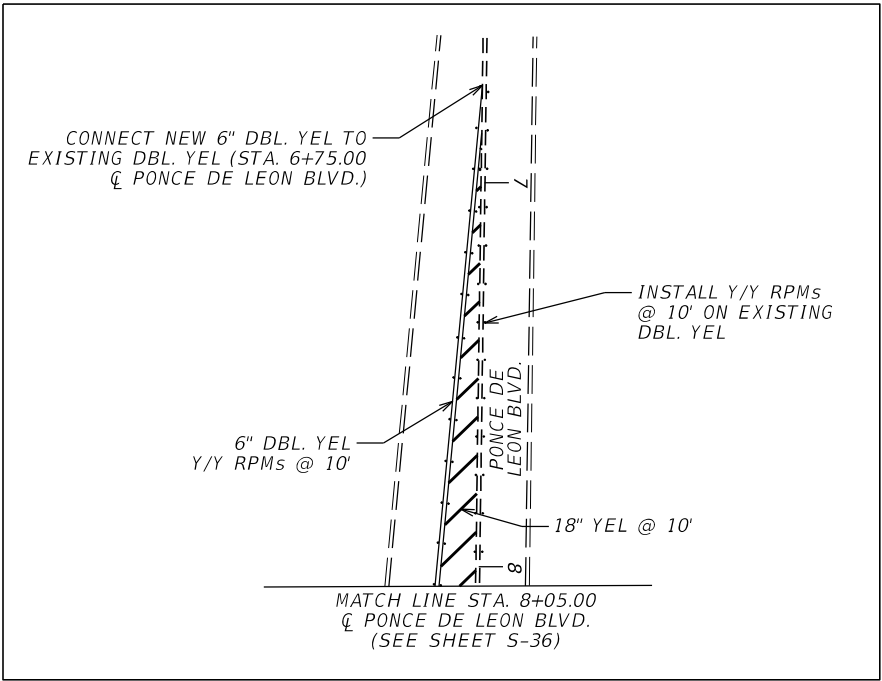
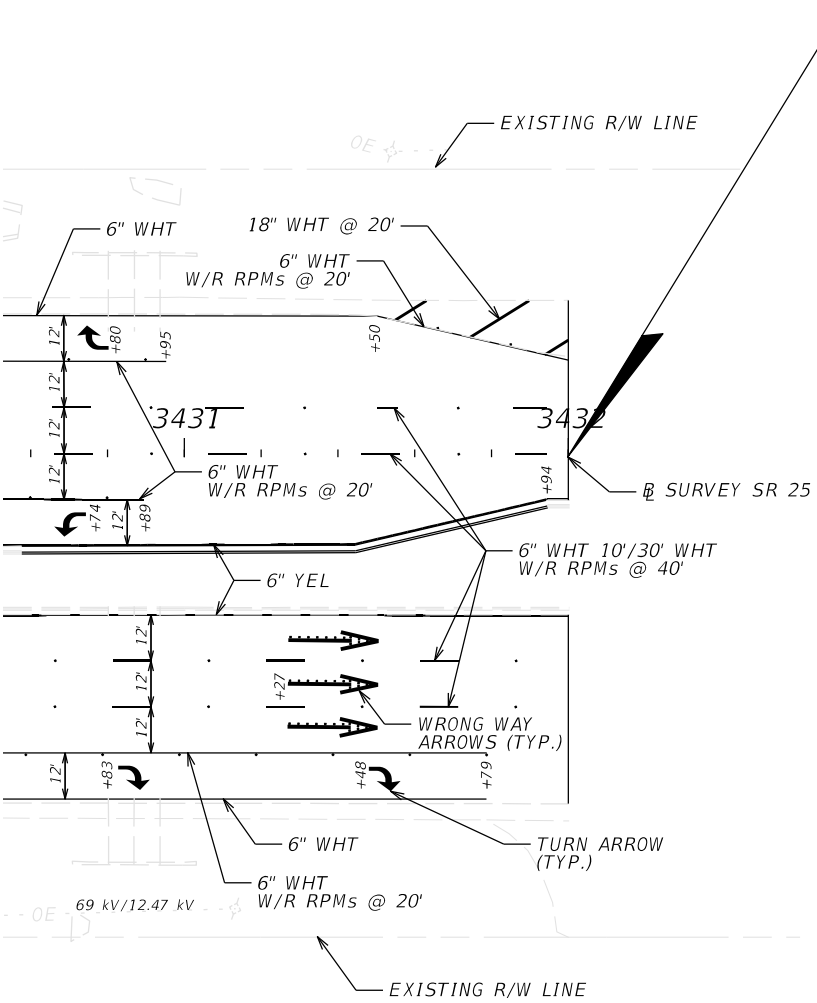
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-33
					SR 25	HIGHLANDS	452621-1-52-01		



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		S-34



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-35
					SR 25	HIGHLANDS	452621-1-52-01		



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-37
					SR 25	HIGHLANDS	452621-1-52-01		

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1" = 50'

40' IN LENGTH
3 AS 0660 2106

SPARROW AVE.

CONNECT NEW LOOP LEAD-INS -
TO EXISTING HOME RUNS IN
EXISTING PULL BOX.

EXISTING R/W LINE

69 kV/13.2 kV
05

3177

3178

31,79

$$31\overline{80}$$

3181

3182

~~B~~ SURVEY SR 25

40' IN LENGTH
AS 0660 2106

CONNECT NEW LOOP LEAD-INS
TO EXISTING HOME RUNS IN
EXISTING PULL BOX.

0660 2102 3 AS

3 AS 0660 2102

12.47 kV

EXISTING R/W LINE

CONNECT NEW LOOP LEAD-INS
TO EXISTING HOME RUNS IN
EXISTING PULL BOX.

CONNECT NEW LOOP
LEAD-IN TO EXISTING
HOME RUN IN EXISTING
PULL BOX.

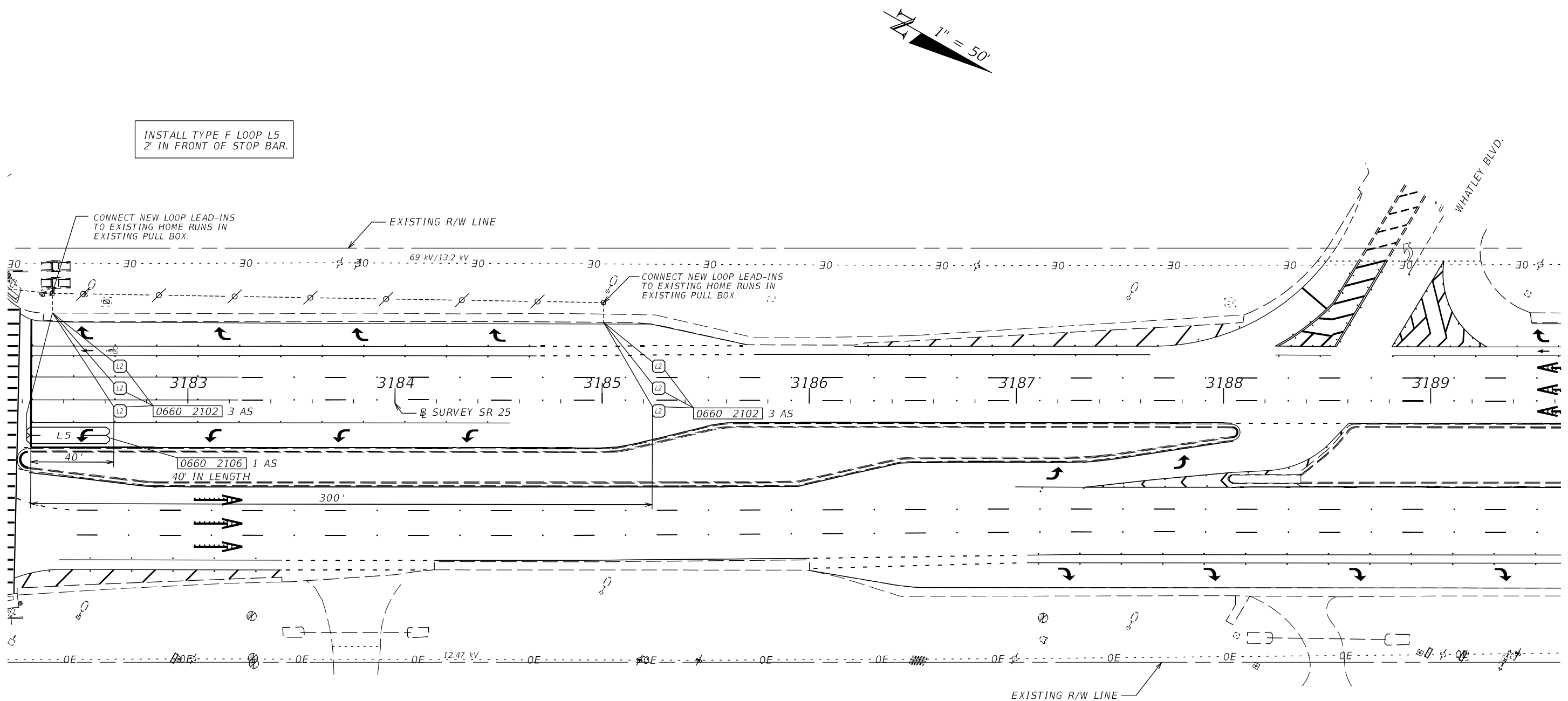
1 AS 0660 2106
20' IN LENGTH

PULL BOX LOCATION -
IS APPROXIMATE.

SIGNAL LOCATION NO. 1
SR 25 (US 27) AT SPARROW AVE./JERI KAY LN.
MP 6.893 -- SIGNAL ID #199

C:\projects\FD0T\45262115201\SigningAndMarking\PLANSP02.dgn : BL25 - PLAN 1 [SHEET]
KNPBSMZ 12/17/2025 4:00:49 PM

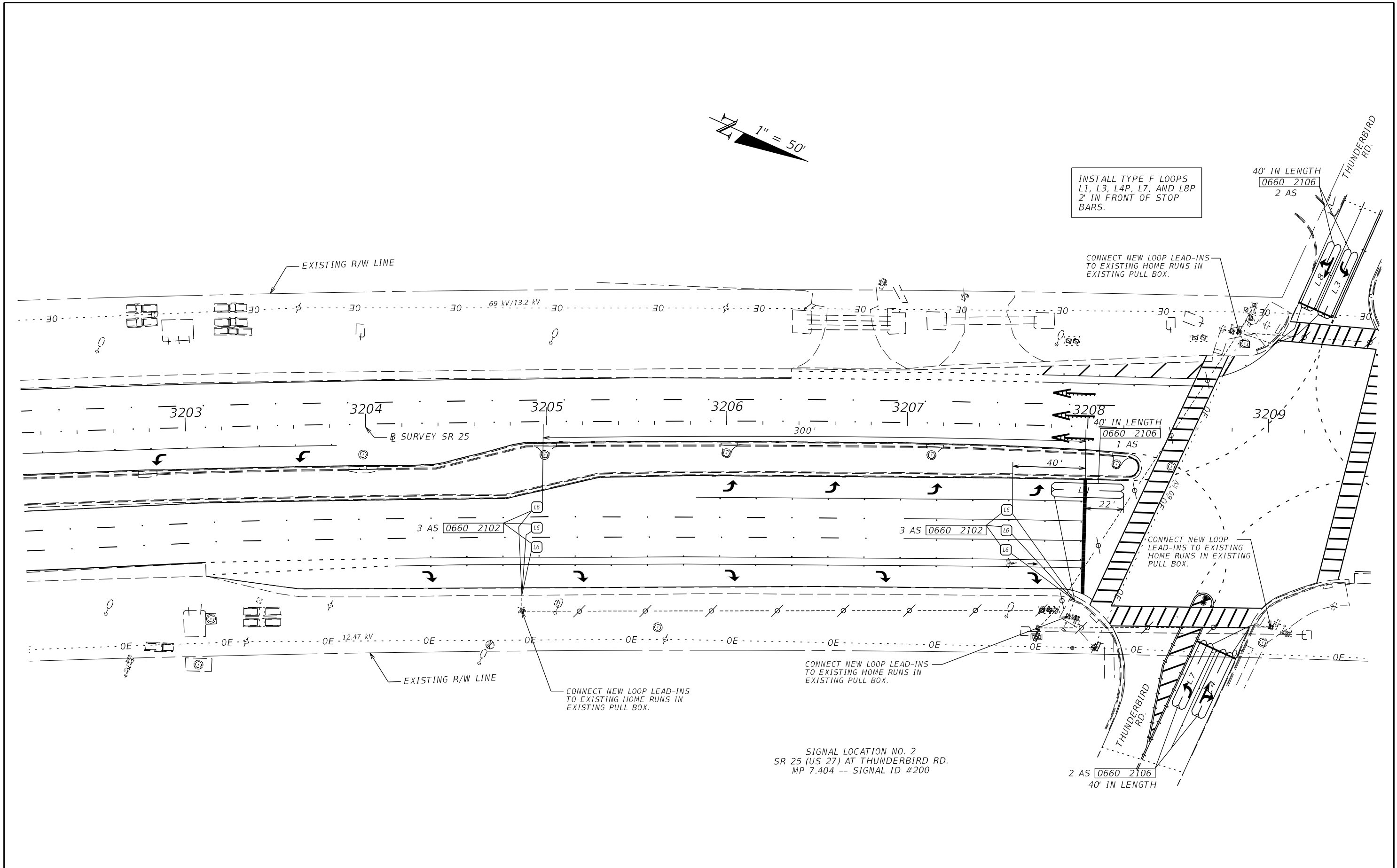
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



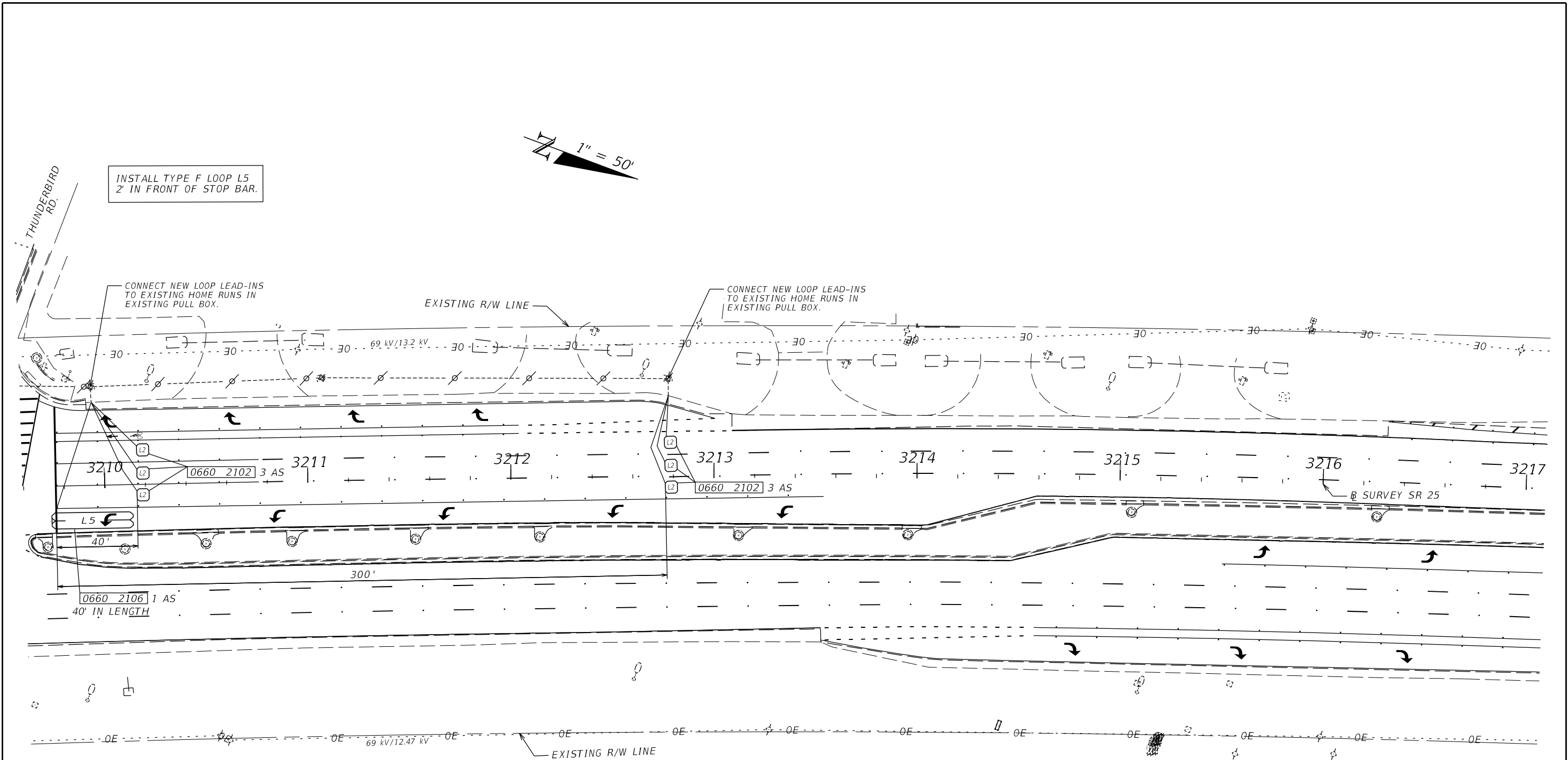
SIGNAL LOCATION NO. 1
SR 25 (US 27) AT SPARROW AVE./JERI KAY LN.
MP 6.893 -- SIGNAL ID #199

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		S-39

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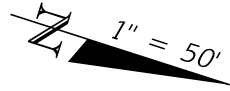


REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL	SHEET NO. S-40
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY		
						SR 25	HIGHLANDS	FINANCIAL PROJECT ID 452621-1-52-01	

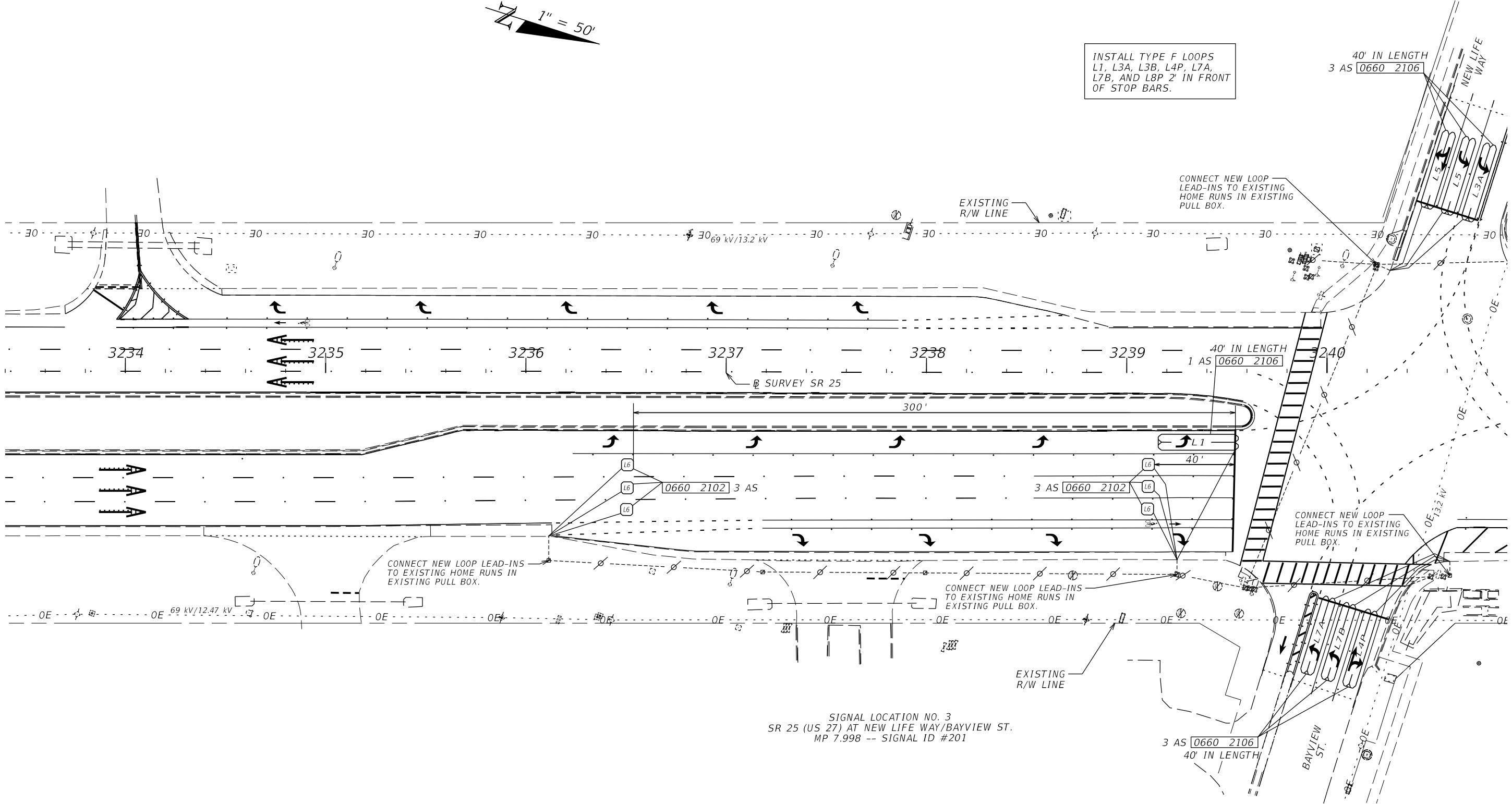


SIGNAL LOCATION NO. 2
SR 25 (US 27) AT THUNDERBIRD RD.
MP 7.404 -- SIGNAL ID #200

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		S-41

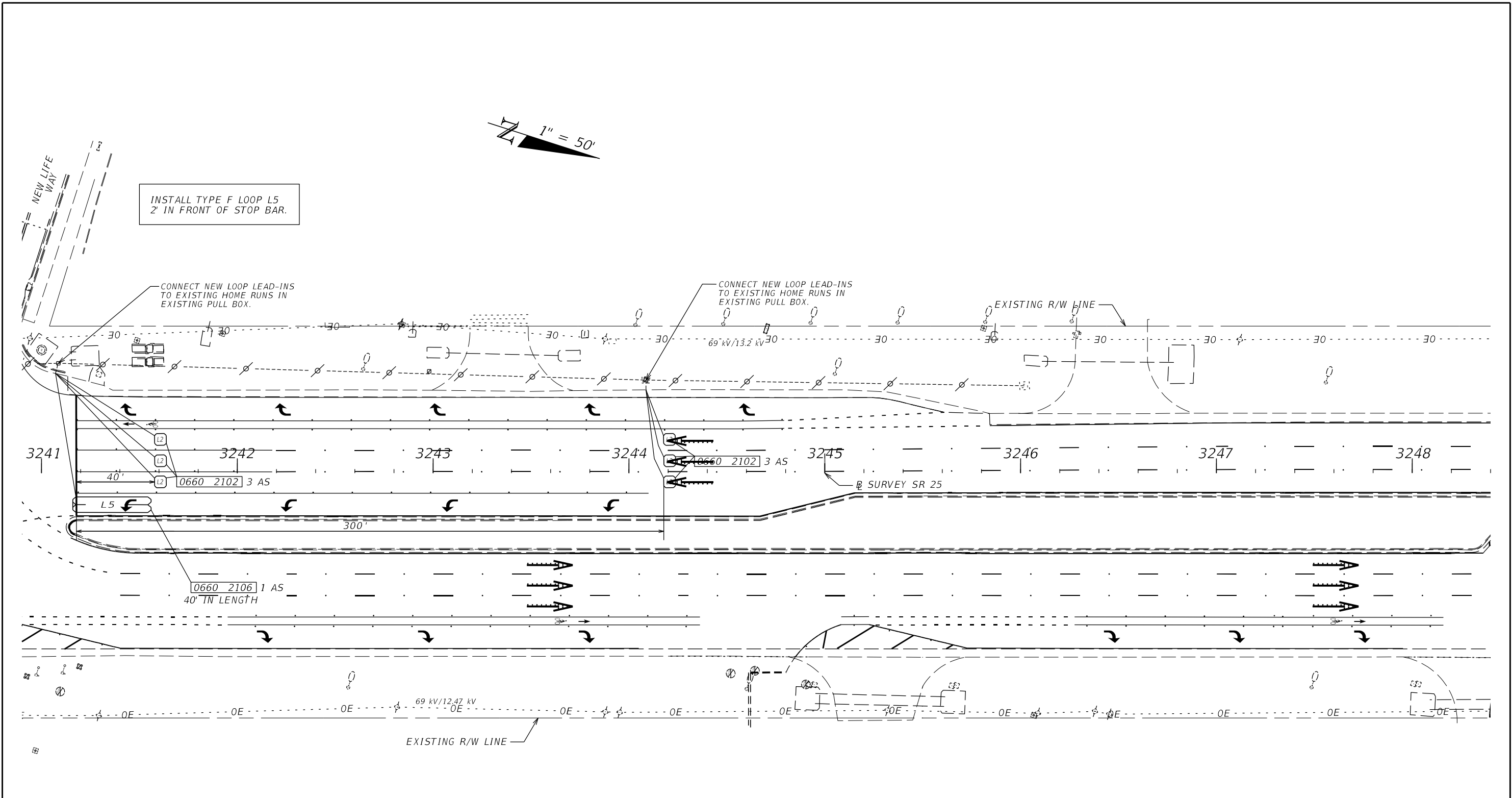


INSTALL TYPE F LOOPS
L1, L3A, L3B, L4P, L7A,
L7B, AND L8P 2' IN FRONT
OF STOP BARS.



SIGNAL LOCATION NO. 3
SR 25 (US 27) AT NEW LIFE WAY/BAYVIEW ST.
MP 7.998 -- SIGNAL ID #201

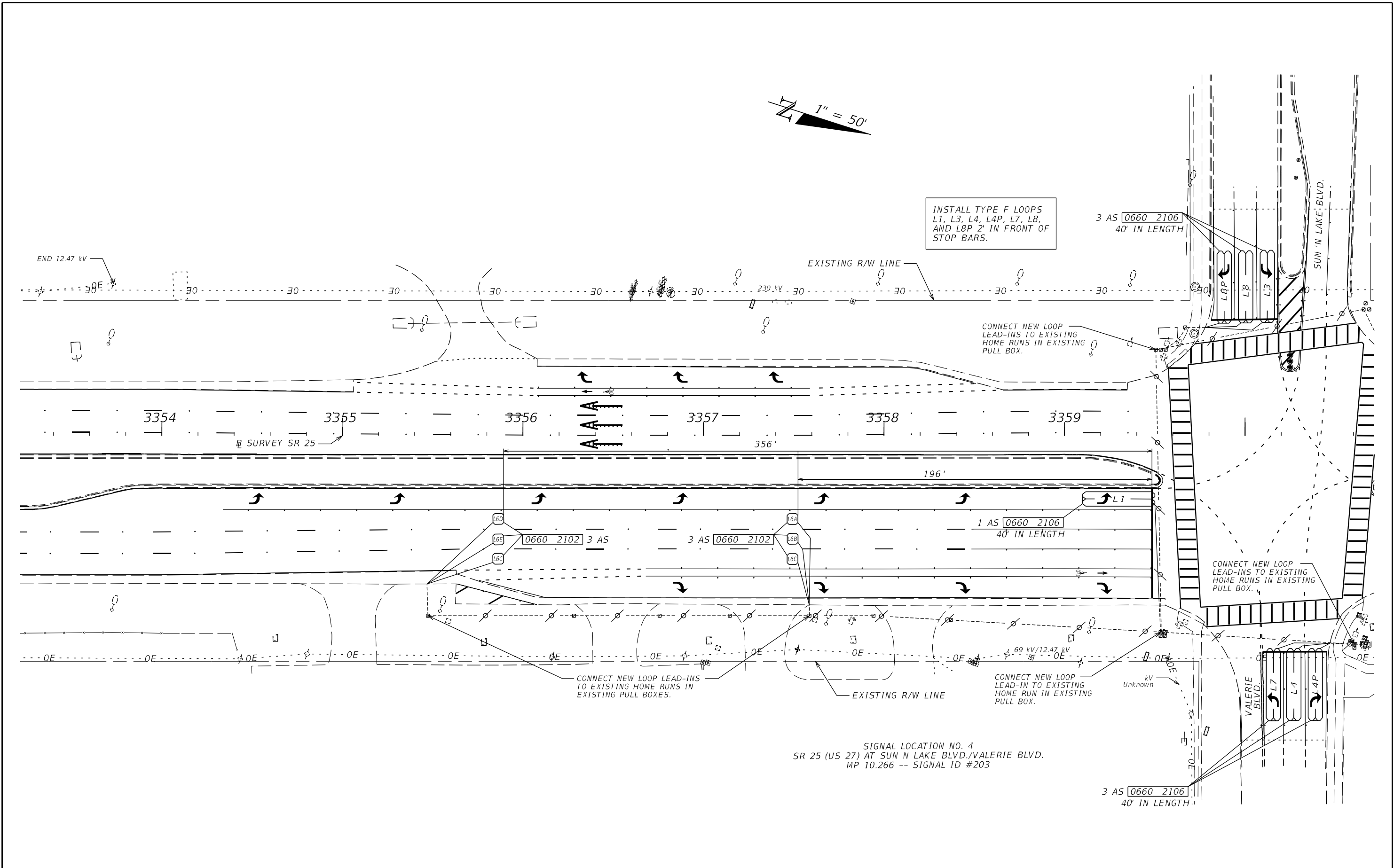
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL	SHEET NO. S-42
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		



SIGNAL LOCATION NO. 3
SR 25 (US 27) AT NEW LIFE WAY/BAYVIEW ST.
MP 7.998 -- SIGNAL ID #201

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		S-43

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL LOOP REPLACEMENT DETAIL	SHEET NO. S-44
DATE	DESCRIPTION	DATE	DESCRIPTION	XIAOXUE PENG, P.E. LICENSE NUMBER: 94636 FLORIDA DEPT. OF TRANSPORTATION 801 N. BROADWAY AVENUE BARTOW, FL 33830-3809		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	452621-1-52-01		

