

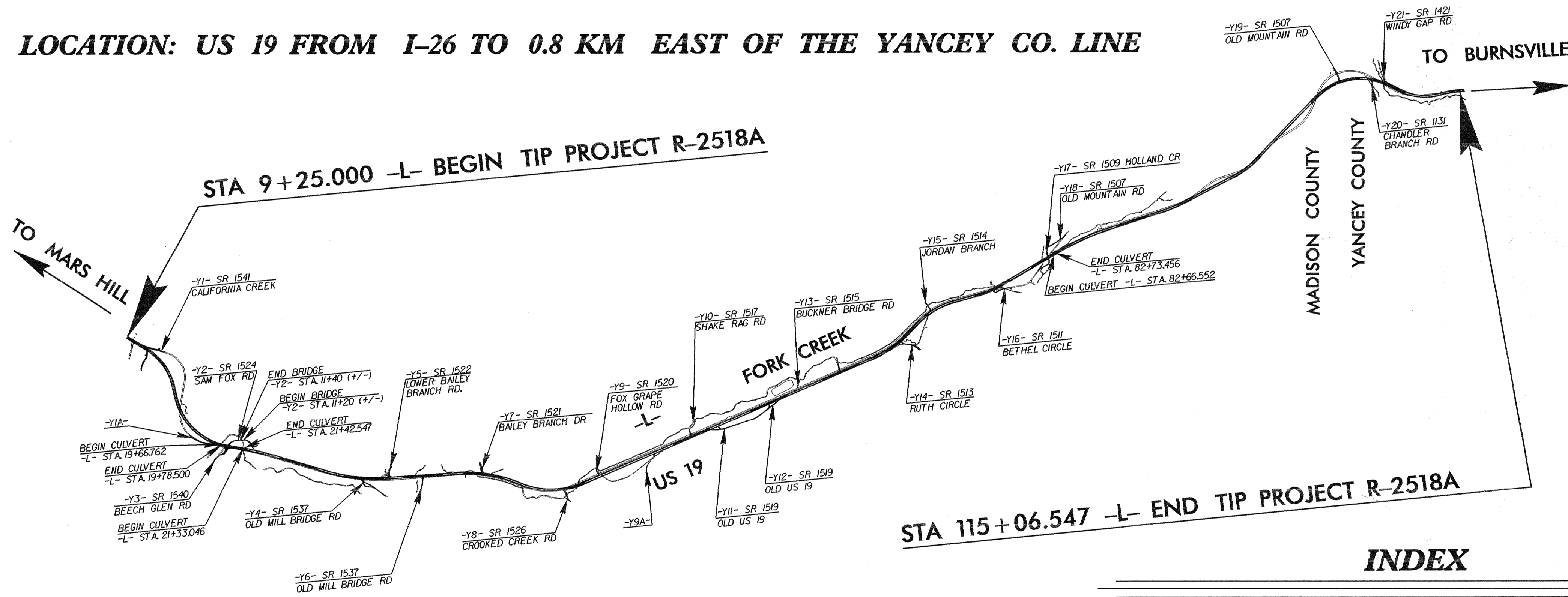
T.I.P.: R-2518A

CONTRACT: C2011372

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
MADISON /YANCEY COUNTIES
MAP**

LOCATION: US 19 FROM I-26 TO 0.8 KM EAST OF THE YANCEY CO. LINE



INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF QUANTITIES and NOTES
3	SIGN DESIGNS
4	TYPE E SIGN SHEET
5	TYPE F SIGN SHEET
6 - 22	SIGN ROADWAY SHEETS

**ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS**

- 901.50
- 904.10
- 904.50

PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

RON KING, P.E. SIGNING ENGINEER

A. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER

J. G. MARTINEZ SIGNING PROJECT DESIGN ENGINEER

WALID DAKDUK SIGNING DESIGNER

TIP NO.
R-2518A


SHEET NO.
SIGN-01

APPROVED: *[Signature]*

DATE: 9/7/07

SEAL



TIP NO. R-2518A	SHEET NO. SIGN-02
APPROVED: <i>[Signature]</i>	
DATE: 3/4/08	
SEAL	
	

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 4.5 KG STEEL U-CHANNEL	1313	L.M.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	269	EA.
4108000000	904	SIGN ERECTION, TYPE F	5	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D	9	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	97	EA.

Pay Item Notes:	
1	RELOCATE SIGN, TYPE D
2	RELOCATE SIGN, TYPE E
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL

General Notes:

- . SIGNS FURNISHED BY STATE
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE III REFLECTIVE SHEETING. SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

SUMMARY OF QUANTITIES
AND NOTES

***** SYSTEMS *****



TIP NO. R-2518A	SHEET NO. SIGN-03
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SIGN WIDTH: 1000mm
HEIGHT: 600mm
TOTAL AREA: 0.6 Sq.m

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 20mm
RADII: 75mm

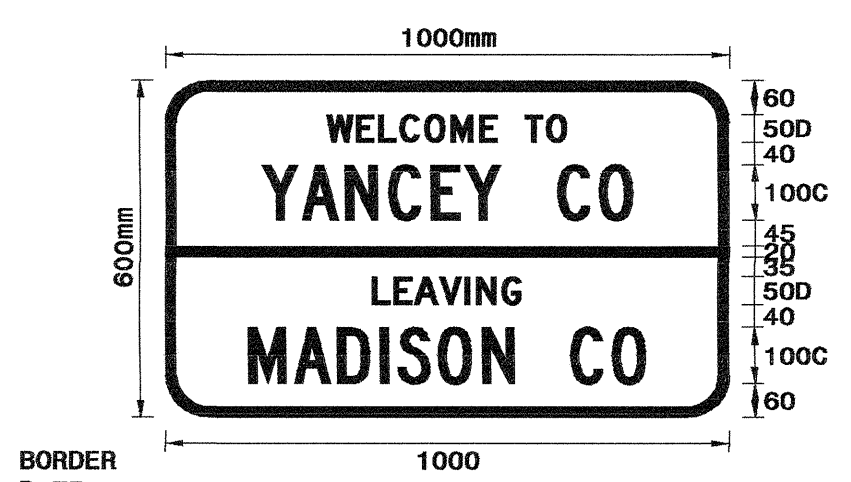
NO. Z BARS: 1
LENGTH: 0.080" (2.0 mm) ALUMINUM

SYMBOL	X	Y	WID	HT

DESIGN BY: jgm
PROJECT ID: R-2518A

CHECKED BY: CHECKED
DIV: 13

DATE: Aug 29, 2007



MOUNT ON TWO "U" POSTS

Spacing Factor is 1 unless specified otherwise

- USE NOTES: 1,4
- Legend and border shall be direct applied Type III reflective sheeting.
 - Legend and border shall be direct applied non-reflective sheeting.
 - Shields shall be Type III reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
 - Background shall be Type III reflective sheeting.
 - Background shall be Type I reflective sheeting.
 - Center arrow(s) vertically on sign.
 - Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length	
														D 2000	425
288	52	40	38	44	47	51	31	50	38	36	288		C 2000	657	
														D 2000	264
171	70	78	76	76	60	64	100	74	59	172		C 2000	704		
														D 2000	264
368	39	35	46	46	20	45	34	368		C 2000	704				
														D 2000	264
148	80	78	76	31	71	79	56	100	74	59	148		C 2000	704	

FILENAME: R-2518A Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 469
TYPE: D
QUANTITY: 13

BACKG COLOR: White
COPY COLOR: Black

SIGN WIDTH: 600mm
HEIGHT: 450mm
TOTAL AREA: 0.3 Sq.m

BORDER TYPE: FLUSH
RECESS: 10mm
WIDTH: 15mm
RADII: 40mm

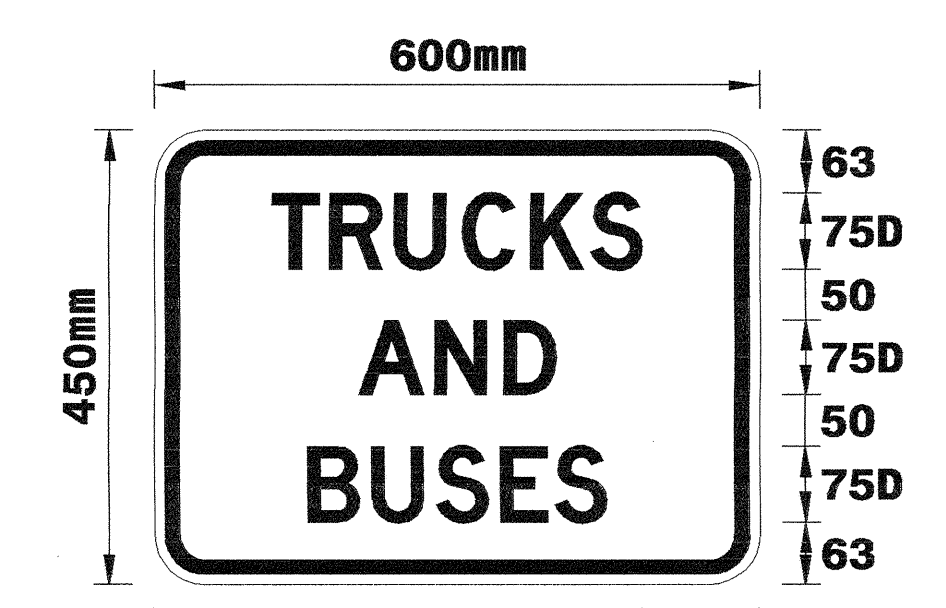
NO. Z BARS: 1
LENGTH: 0.063" (1.6 mm) ALUMINUM

SYMBOL	X	Y	WID	HT

DESIGN BY: R. HENNEIN
PROJECT ID: R-2518A

CHECKED BY: CHECKED
DIV: 13

DATE: Jul 12, 2007



BORDER R=40mm TH=15mm IN=10mm

- USE NOTES:
- Legend and border shall be direct applied Type III reflective sheeting.
 - Background shall be Type III reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length	
														D 2000	367
116	58	64	67	68	60	51	116		D 2000	195					
														D 2000	296
203	75	69	51	203										D 2000	296
														D 2000	296
152	64	64	64	54	51	152		D 2000	296						

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SIGN WIDTH: 1000mm
HEIGHT: 600mm
TOTAL AREA: 0.6 Sq.m

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 20mm
RADII: 75mm

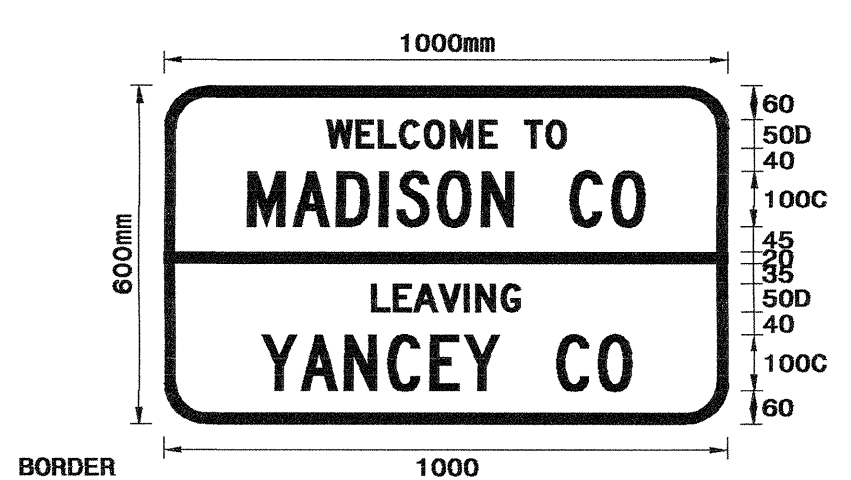
NO. Z BARS: 1
LENGTH: 0.080" (2.0 mm) ALUMINUM

SYMBOL	X	Y	WID	HT

DESIGN BY: jgm
PROJECT ID: R-2518A

CHECKED BY: CHECKED
DIV: 13

DATE: Aug 29, 2007



MOUNT ON TWO "U" POSTS

Spacing Factor is 1 unless specified otherwise

- USE NOTES: 1,4
- Legend and border shall be direct applied Type III reflective sheeting.
 - Legend and border shall be direct applied non-reflective sheeting.
 - Shields shall be Type III reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
 - Background shall be Type III reflective sheeting.
 - Background shall be Type I reflective sheeting.
 - Center arrow(s) vertically on sign.
 - Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length	
														D 2000	425
288	52	40	38	44	47	51	31	50	38	36	288		C 2000	657	
														D 2000	264
148	80	78	76	31	71	79	56	100	74	59	148		C 2000	704	
														D 2000	264
368	39	35	46	46	20	45	34	368		C 2000	657				
														D 2000	264
172	70	78	76	76	60	64	100	74	59	172		C 2000	657		

FILENAME: R-2518A Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

NOTE: THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.

SIGN DESIGNS



TIP NO. R-XXXX	SHEET NO. SIGN-05
APPROVED: <i>Amr Alquini</i>	
DATE: 9/7/07	
SEAL	

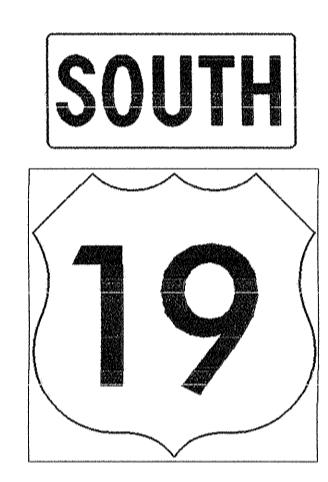
- 501
- 503
- 505



1 - 610 X 305
1 - 610 X 610

ONE "U" POSTS PER SIGN

- 502
- 504



1 - 610 X 305
1 - 610 X 610

ONE "U" POSTS PER SIGN

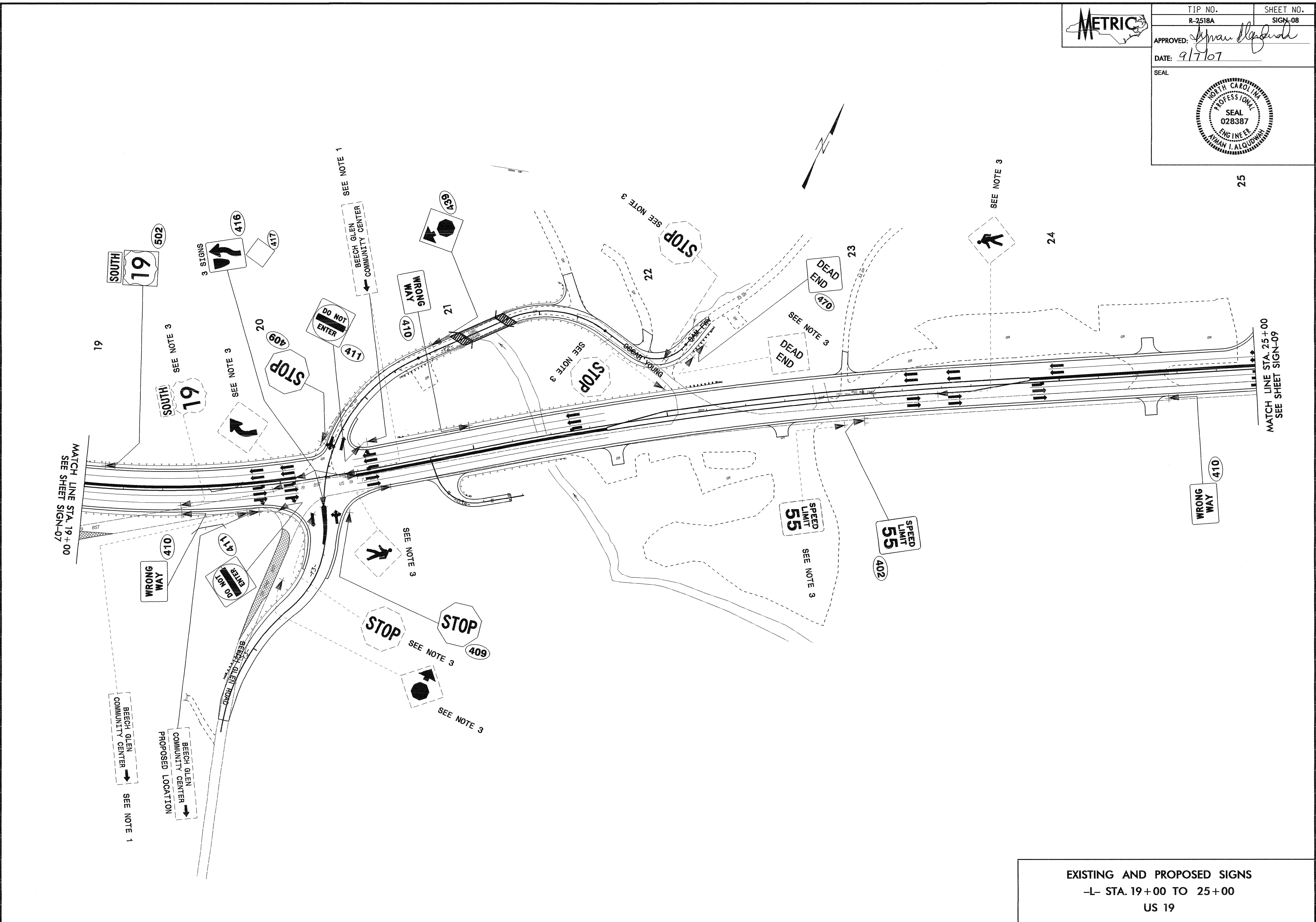
NOTE: THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.

TYPE "F" SIGNS

01
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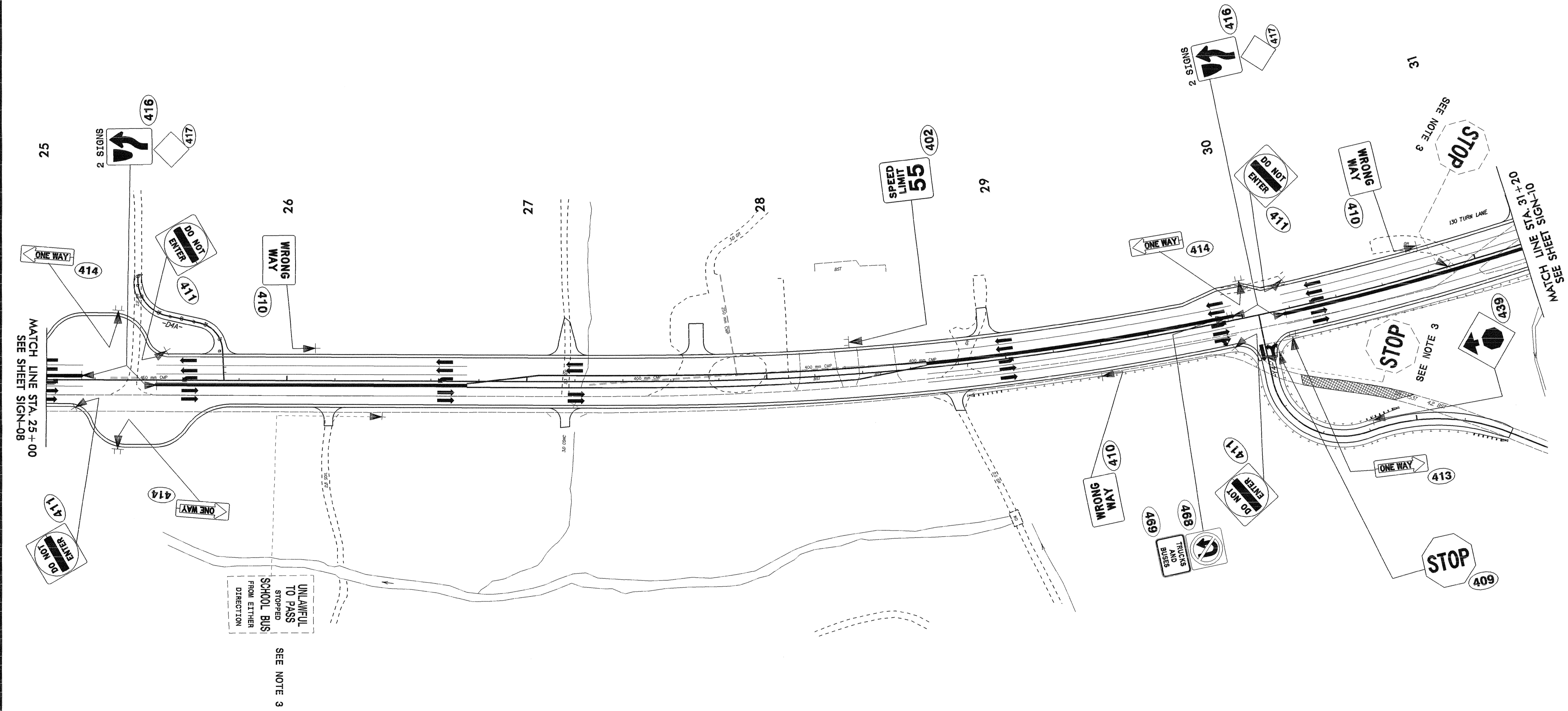
TIP NO. R-2518A	SHEET NO. SIGN-08
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	



EXISTING AND PROPOSED SIGNS
 -L- STA. 19+00 TO 25+00
 US 19




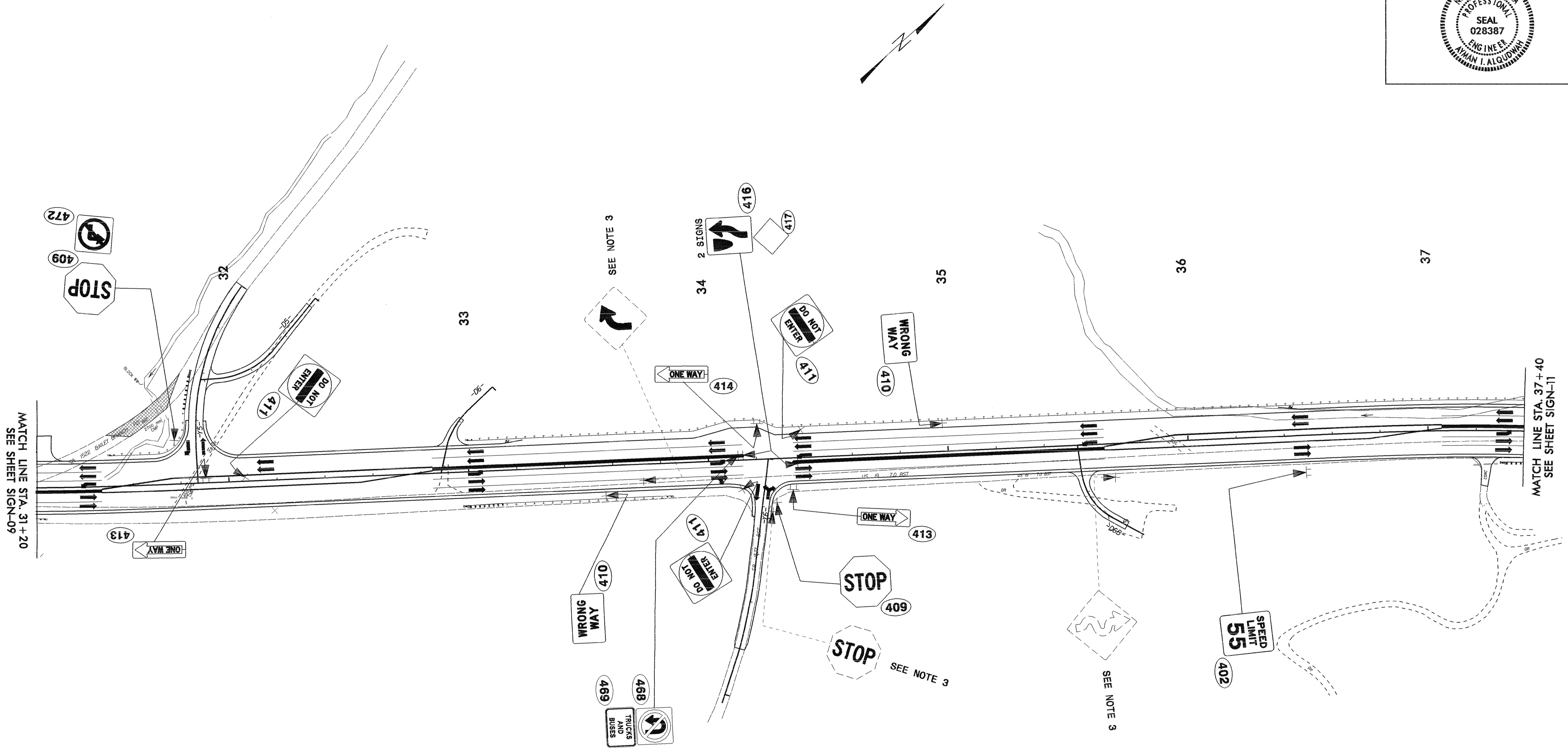
TIP NO. R-2518A	SHEET NO. SIGN-09
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	



EXISTING AND PROPOSED SIGNS
 -L- STA. 25+00 TO 31+20
 US 19



TIP NO. R-2518A	SHEET NO. SIGN-10
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	
	



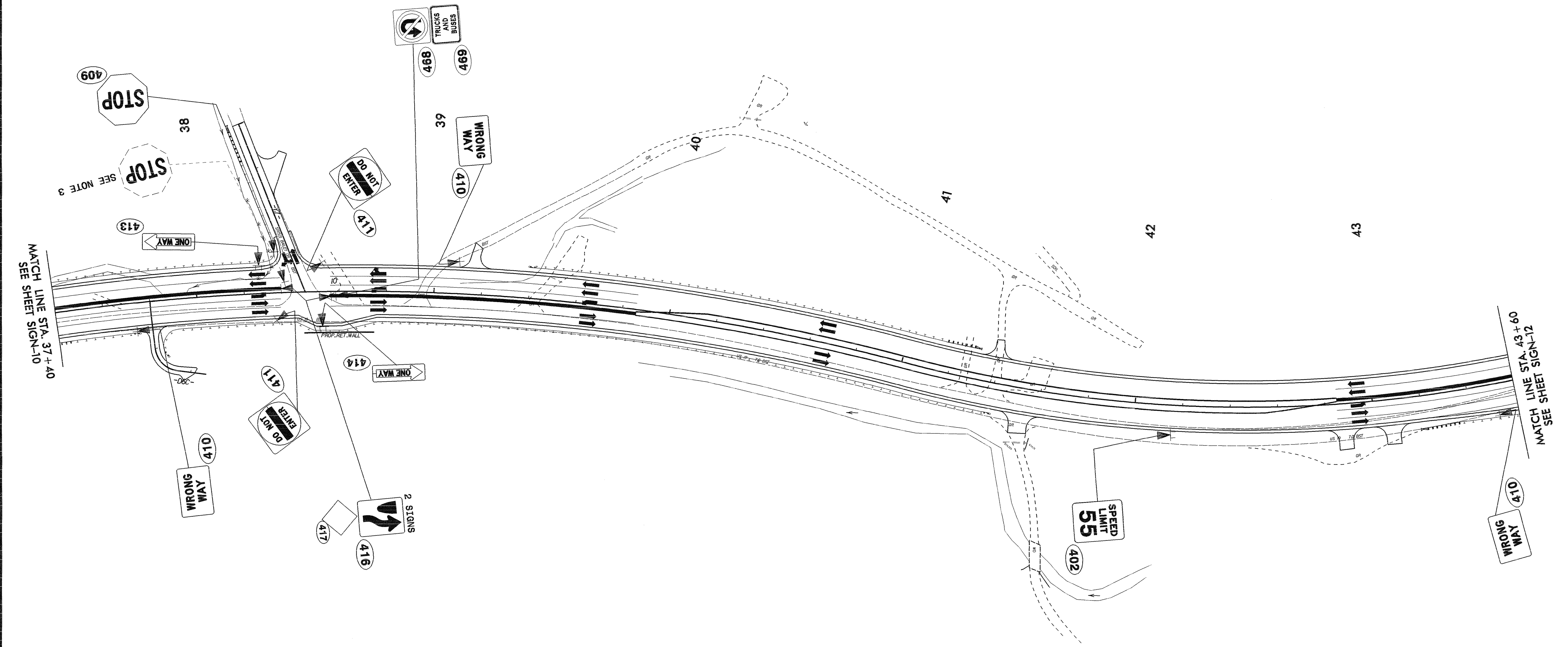
MATCH LINE STA. 31+20
SEE SHEET SIGN-09

MATCH LINE STA. 37+40
SEE SHEET SIGN-11



EXISTING AND PROPOSED SIGNS
-L- STA. 31+20 TO 37+40
US 19

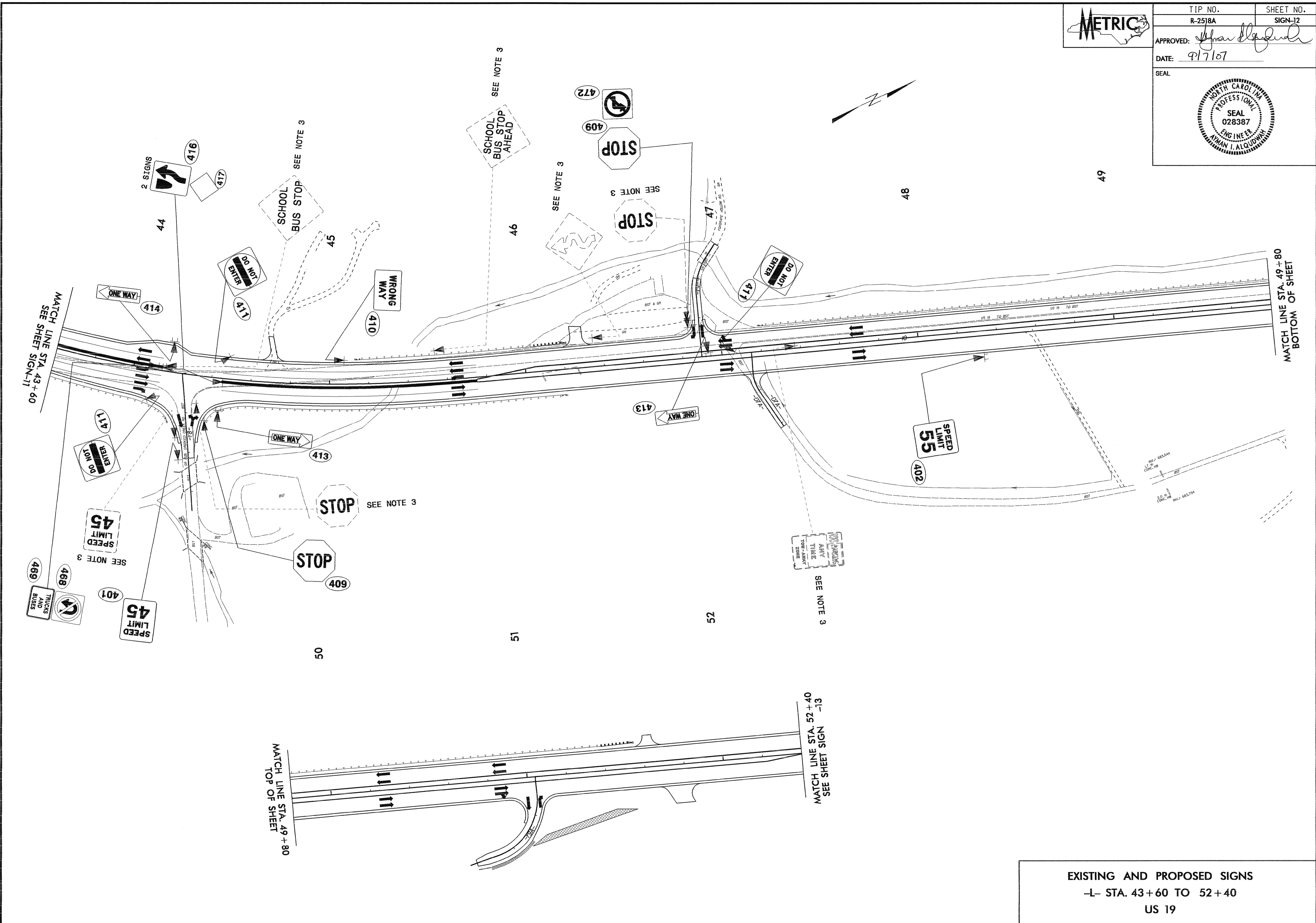


TIP NO. R-2518A	SHEET NO. SIGN-11
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	



EXISTING AND PROPOSED SIGNS
 -L- STA. 37+40 TO 43+60
 US 19

	TIP NO. R-25J8A	SHEET NO. SIGN-12
	APPROVED: <i>[Signature]</i> DATE: 9/7/07	
SEAL 		



EXISTING AND PROPOSED SIGNS
 -L- STA. 43+60 TO 52+40
 US 19


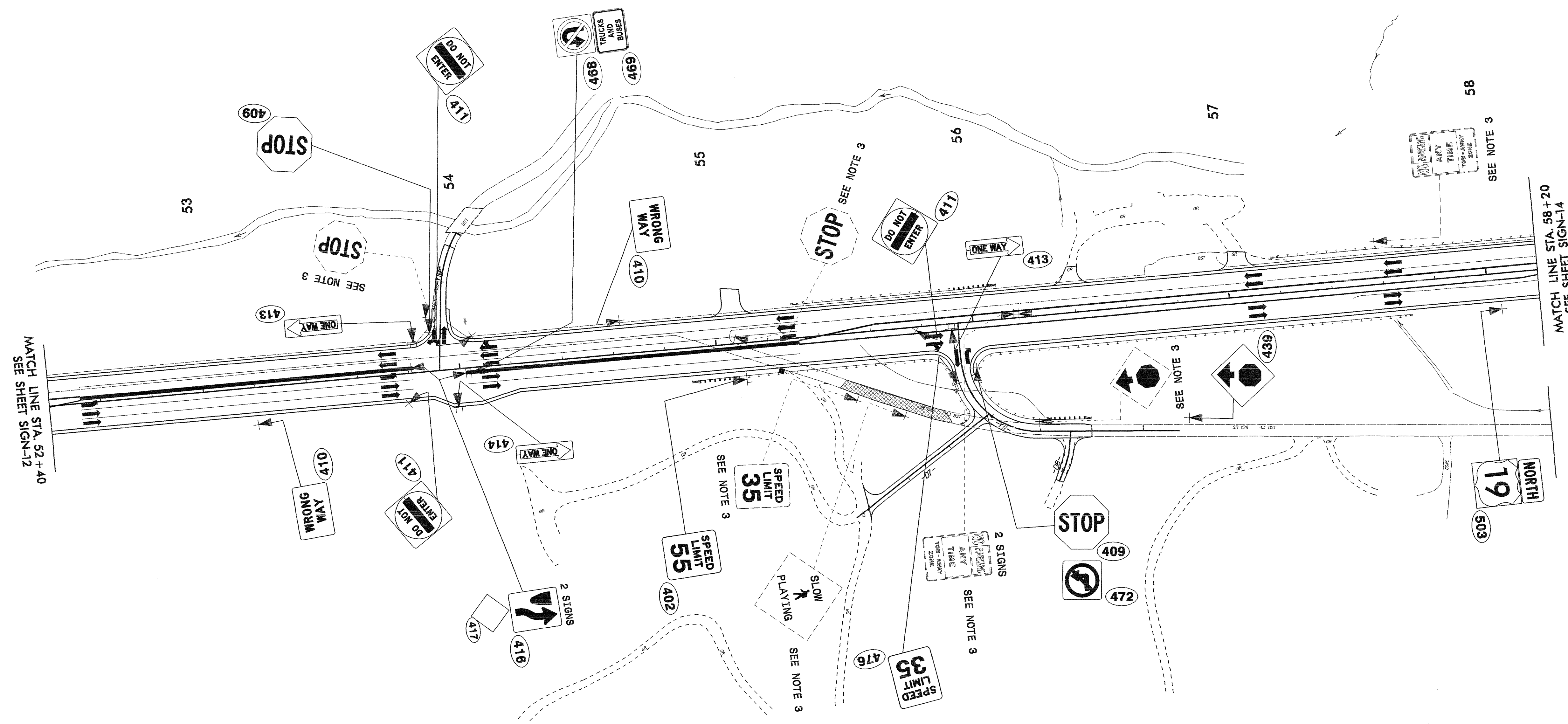
METRIC

TIP NO. R-2518A SHEET NO. SIGN-13



APPROVED: *[Signature]*

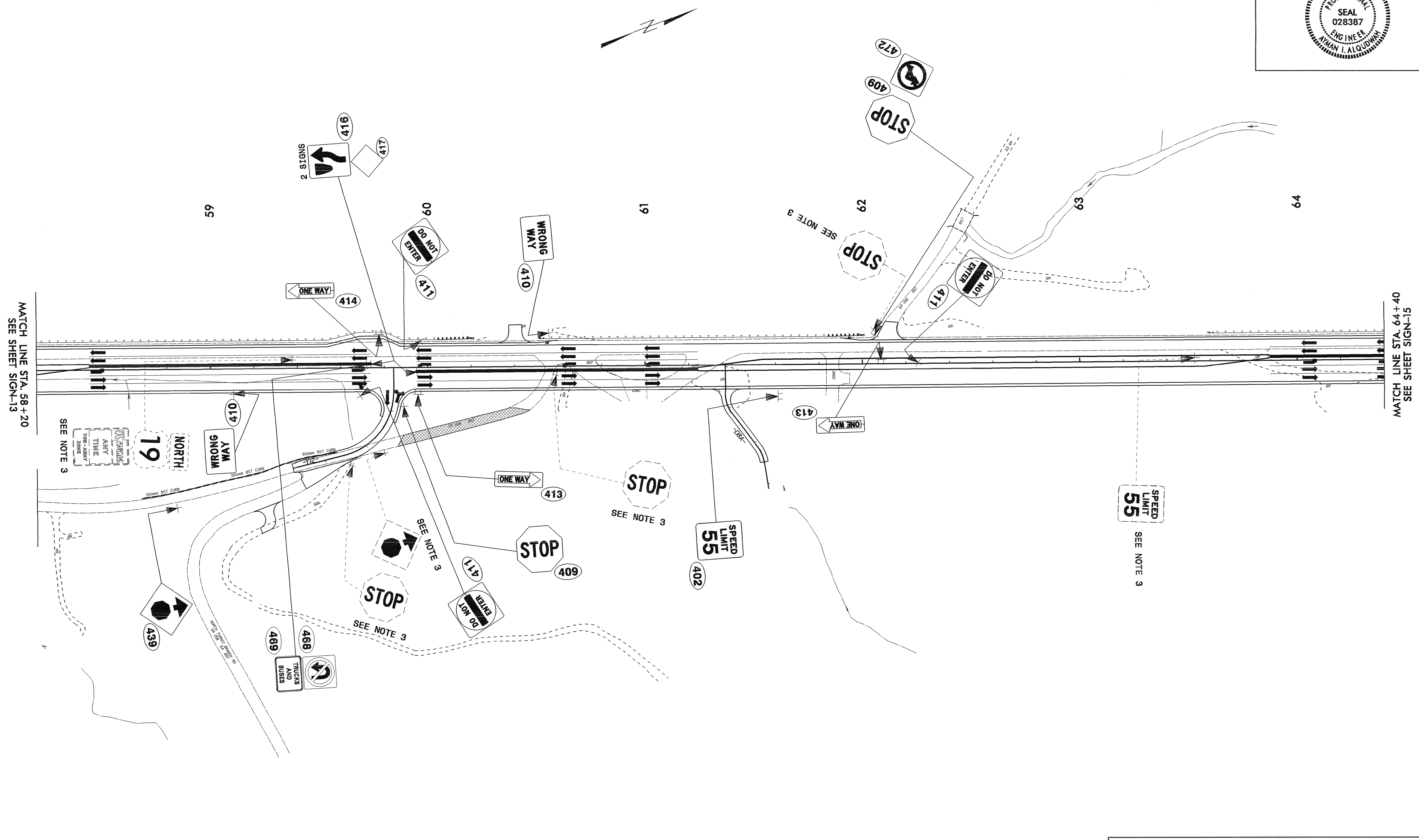
DATE: 9/7/07

SEAL

EXISTING AND PROPOSED SIGNS
 -L- STA. 52+40 TO 58+20
 US 19

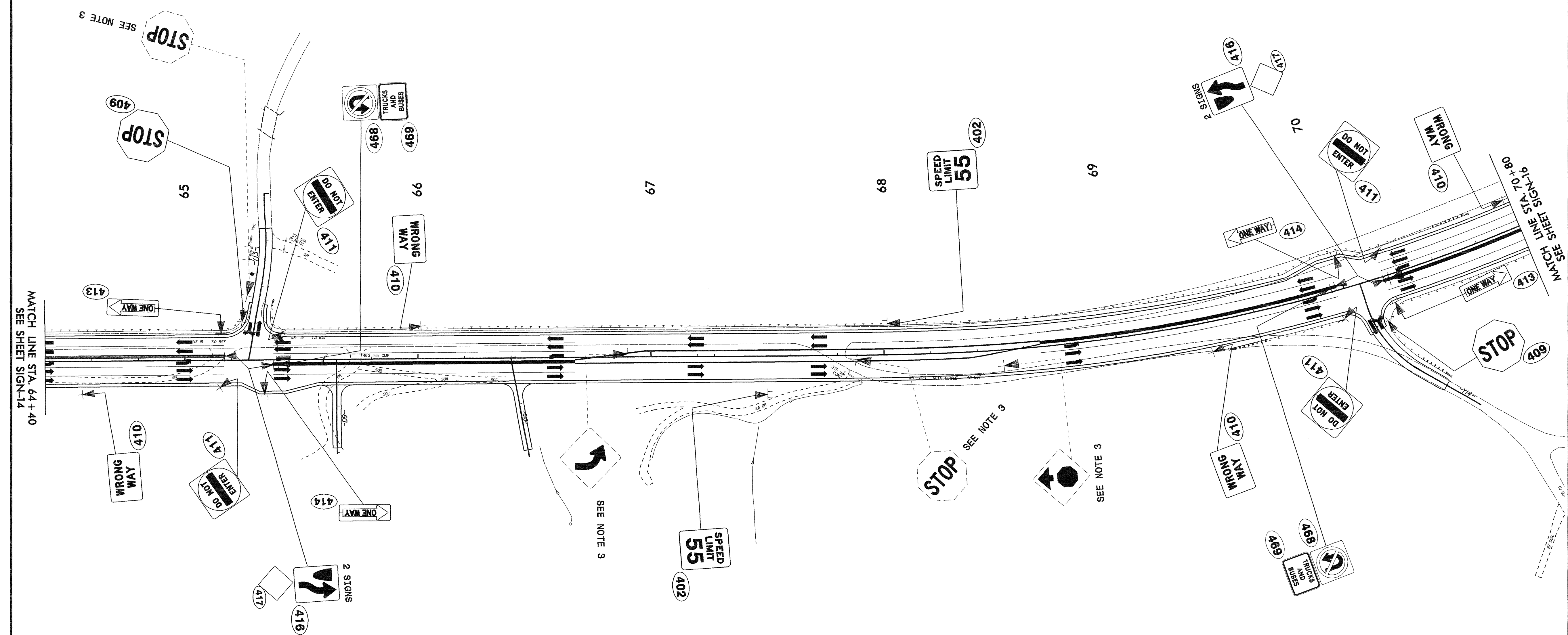
	TIP NO. R-2518A	SHEET NO. SIGN-14
	APPROVED: <i>[Signature]</i> DATE: 9/7/07	
SEAL 		



EXISTING AND PROPOSED SIGNS
 -L- STA. 58+20 TO 64+40
 US 19




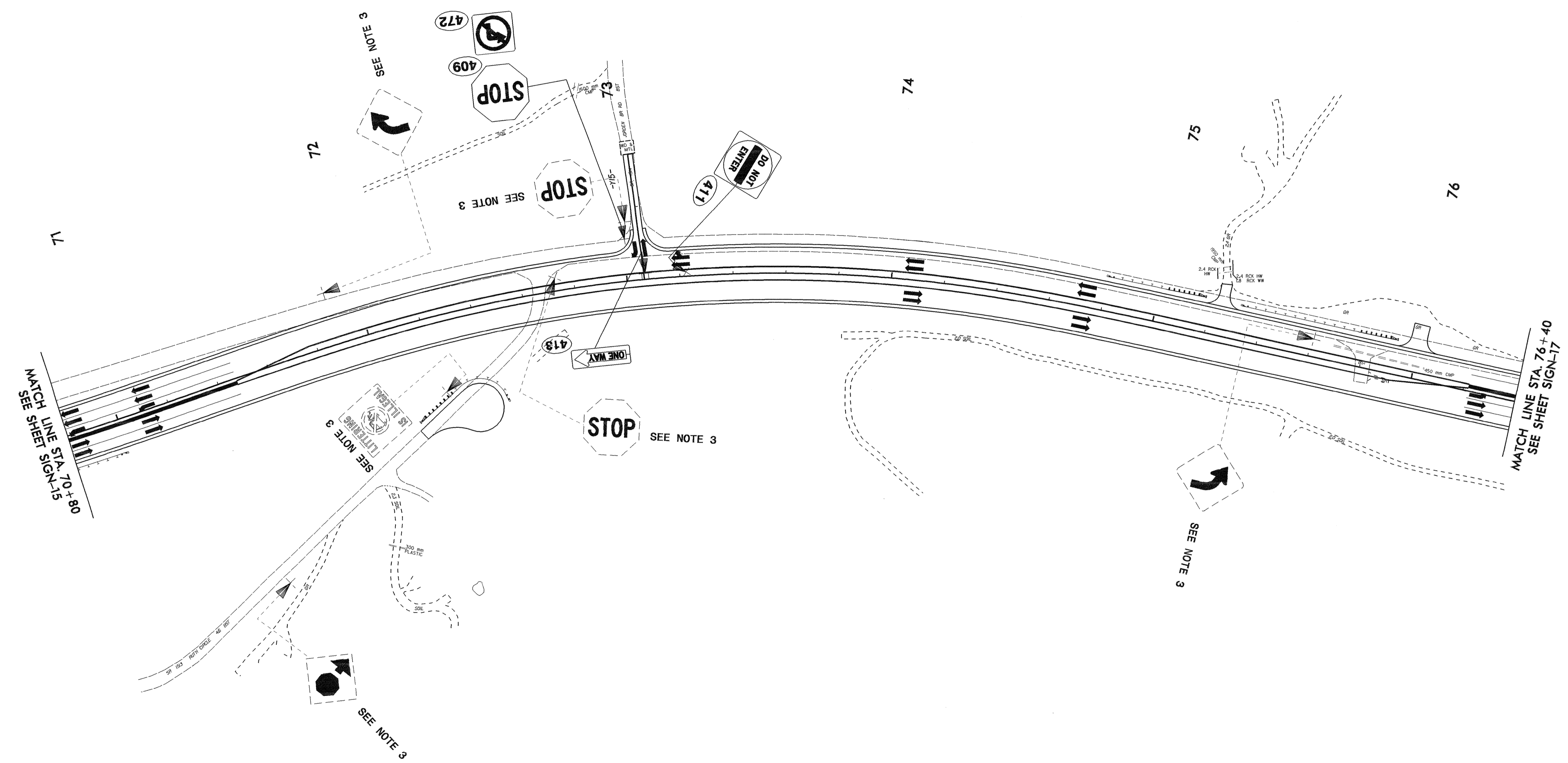
TIP NO. R-2518A	SHEET NO. SIGN-15
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	



EXISTING AND PROPOSED SIGNS
 -L- STA. 64+40 TO 70+80
 US 19



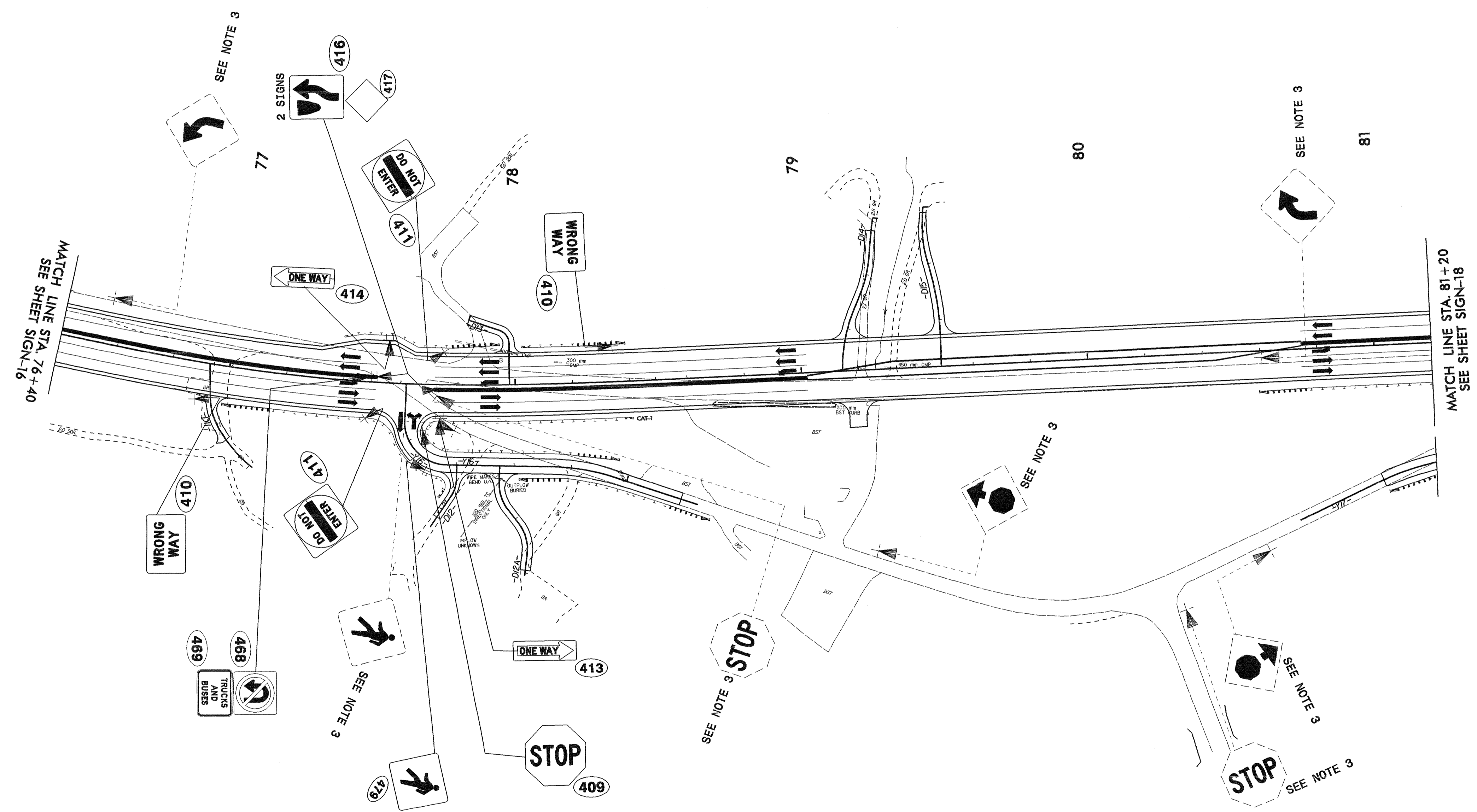
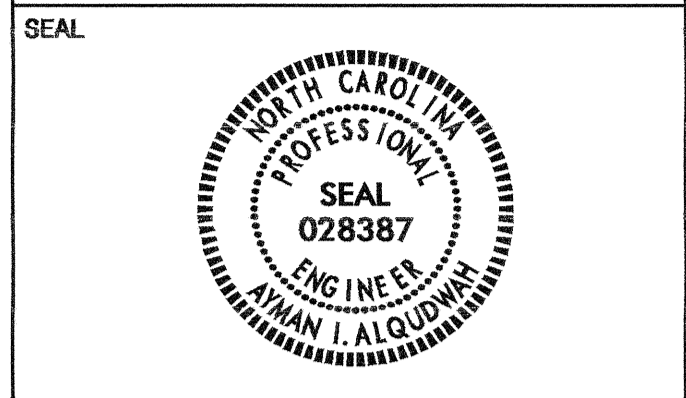
TIP NO. R-2518A	SHEET NO. SIGN-16
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	
	





EXISTING AND PROPOSED SIGNS
 -L- STA. 70+80 TO 76+40
 US 19

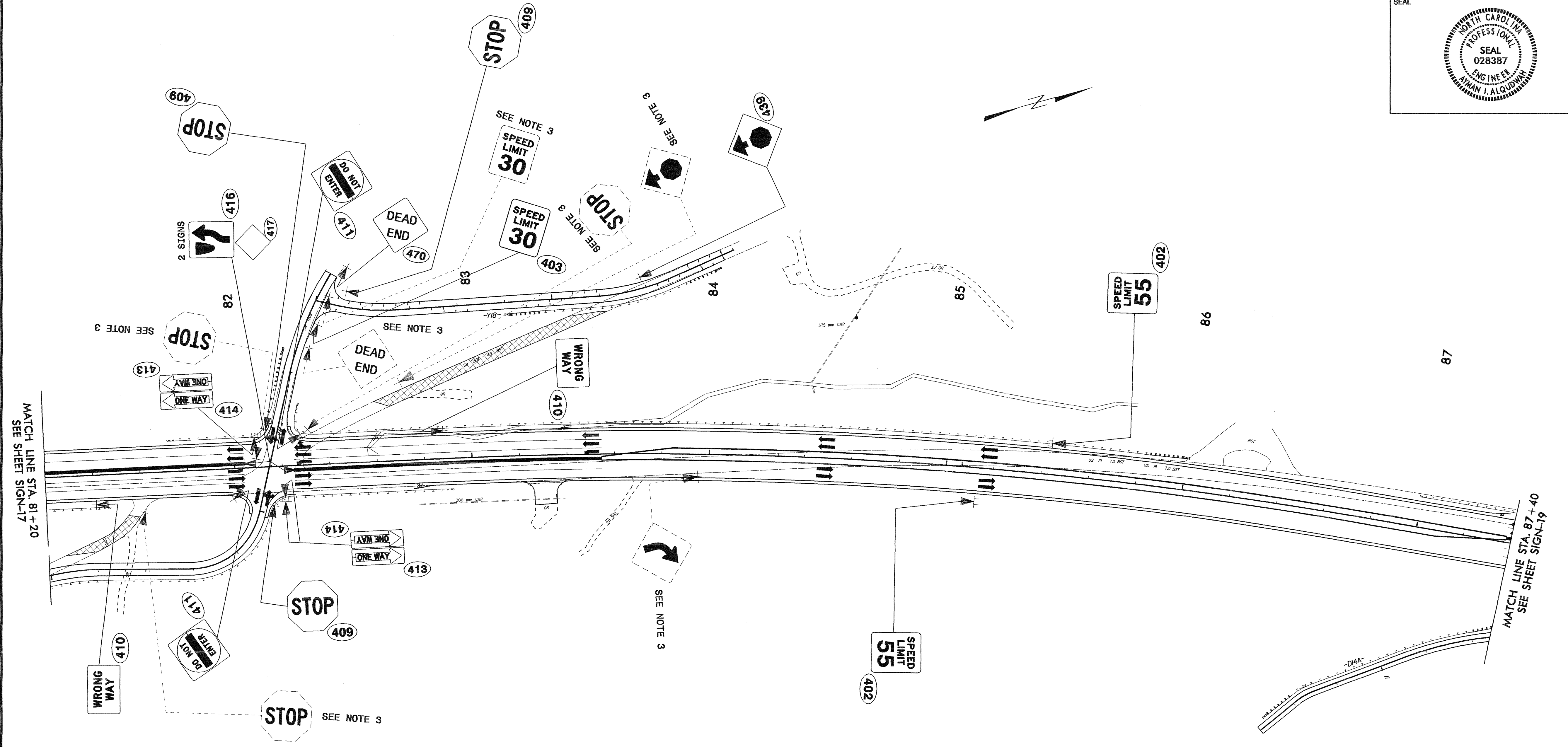


TIP NO. R-2518A	SHEET NO. SIGN-17
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	



EXISTING AND PROPOSED SIGNS
 -L- STA. 76+40 TO 81+20
 US 19

	TIP NO. R-2518A	SHEET NO. SIGN-18
	APPROVED: <i>[Signature]</i> DATE: 9/7/07	
SEAL 		



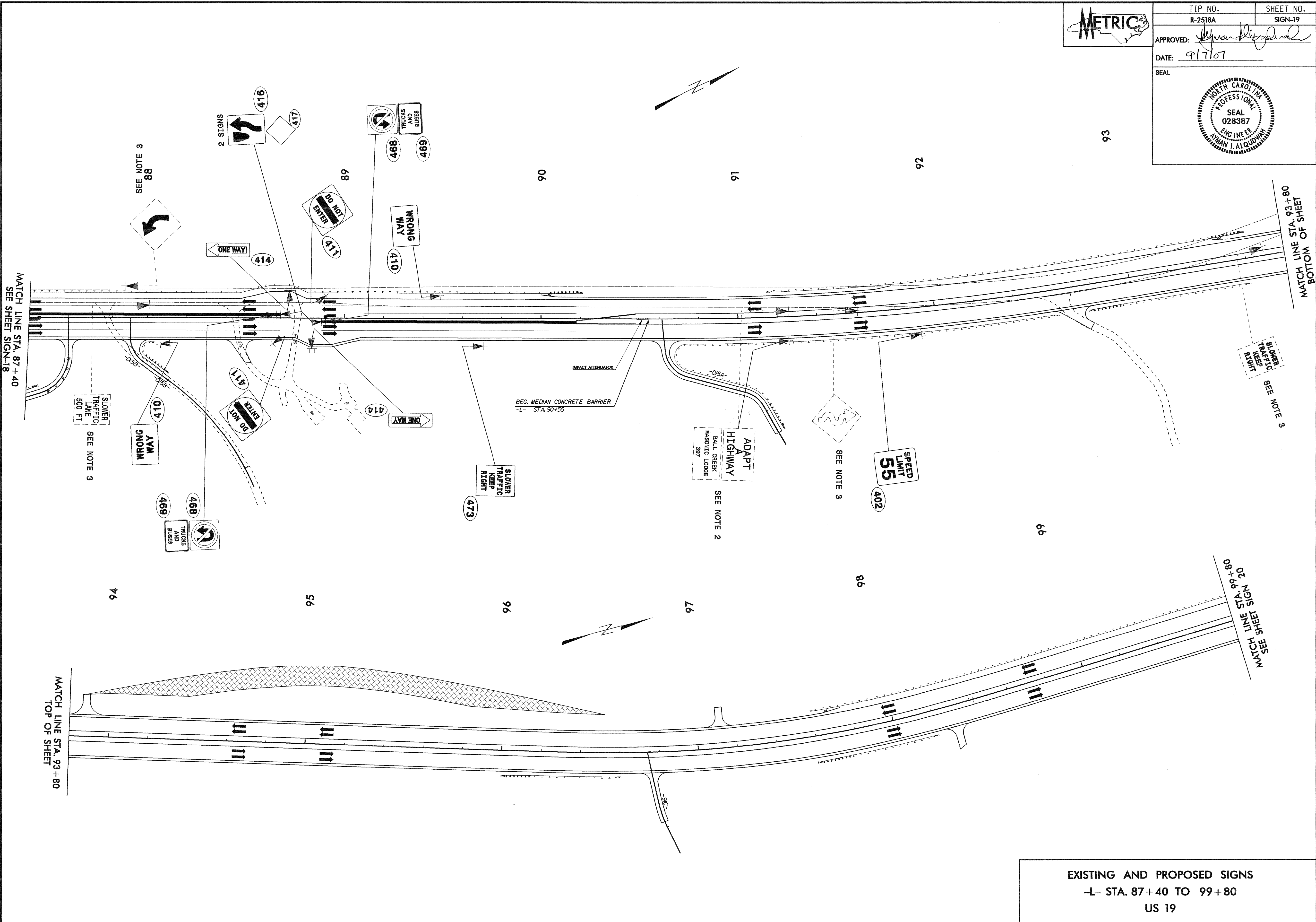
MATCH LINE STA. 81+20
SEE SHEET SIGN-17

MATCH LINE STA. 87+40
SEE SHEET SIGN-19



EXISTING AND PROPOSED SIGNS
 -L- STA. 81+20 TO 87+40
 US 19

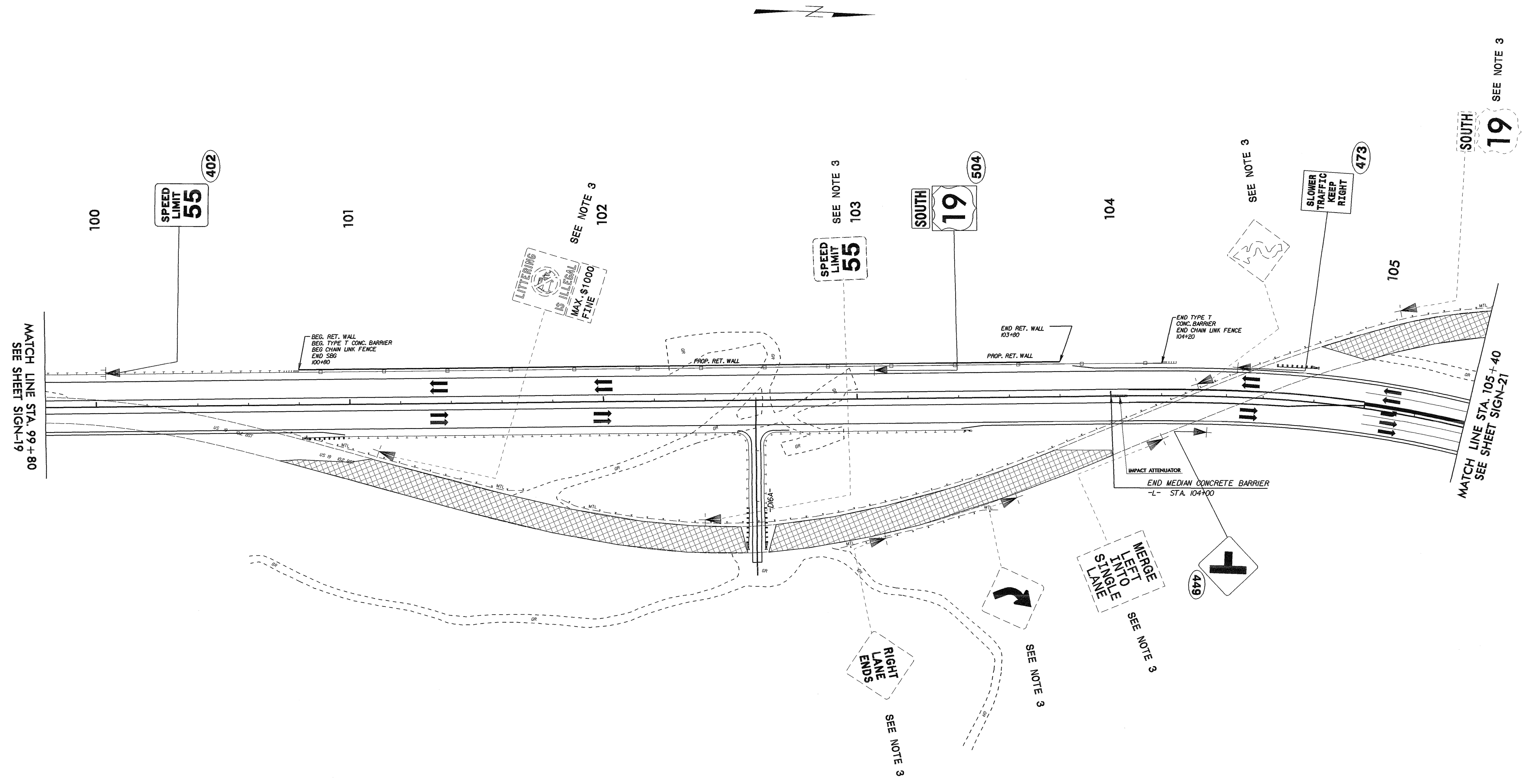


TIP NO. R-2518A	SHEET NO. SIGN-19
APPROVED: <i>[Signature]</i>	
DATE: 9/7/07	
SEAL	





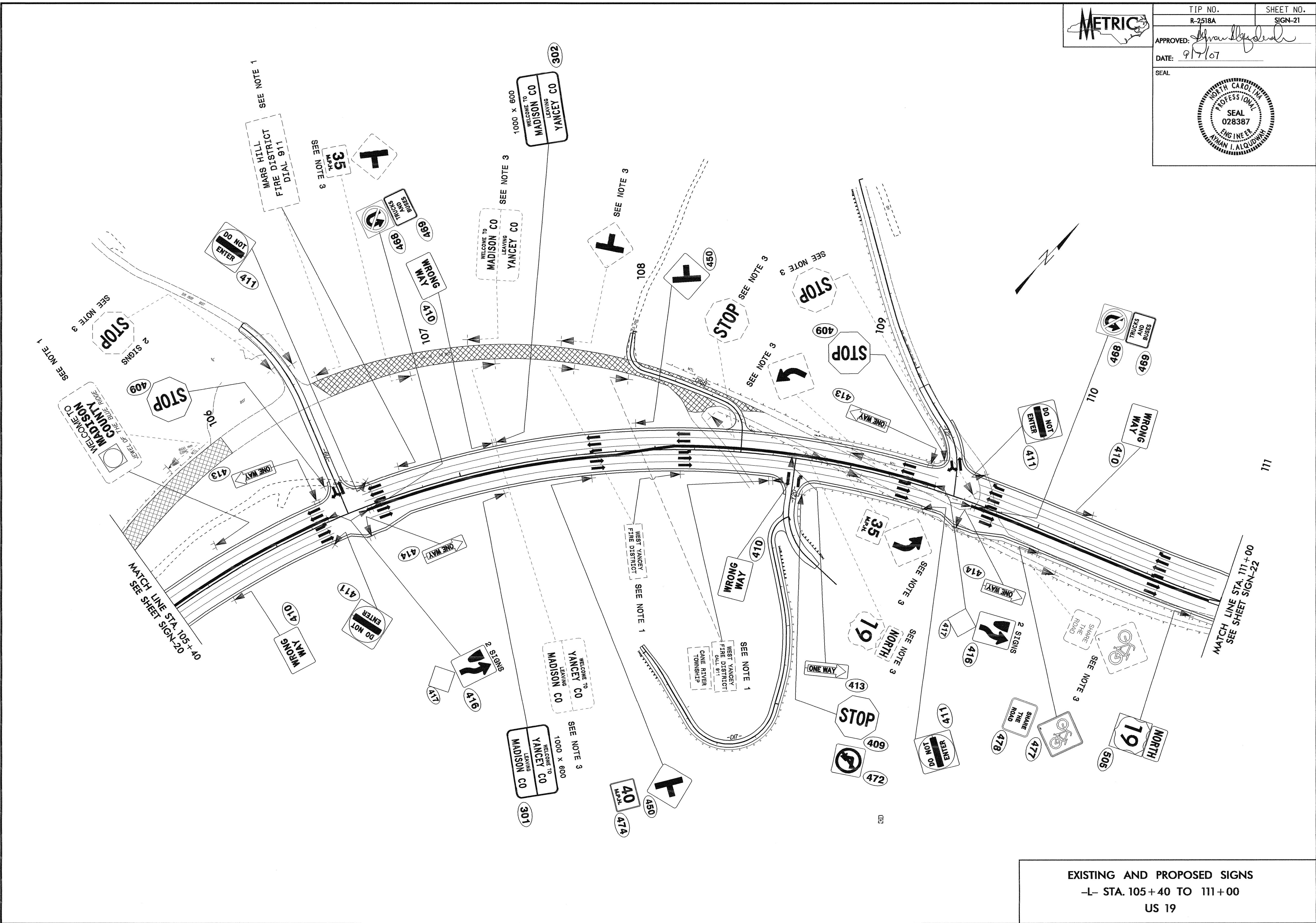
EXISTING AND PROPOSED SIGNS
 -L- STA. 87+40 TO 99+80
 US 19

	TIP NO. R-2518A	SHEET NO. SIGN-20
	APPROVED: <i>[Signature]</i> DATE: 9/7/07	
SEAL 		





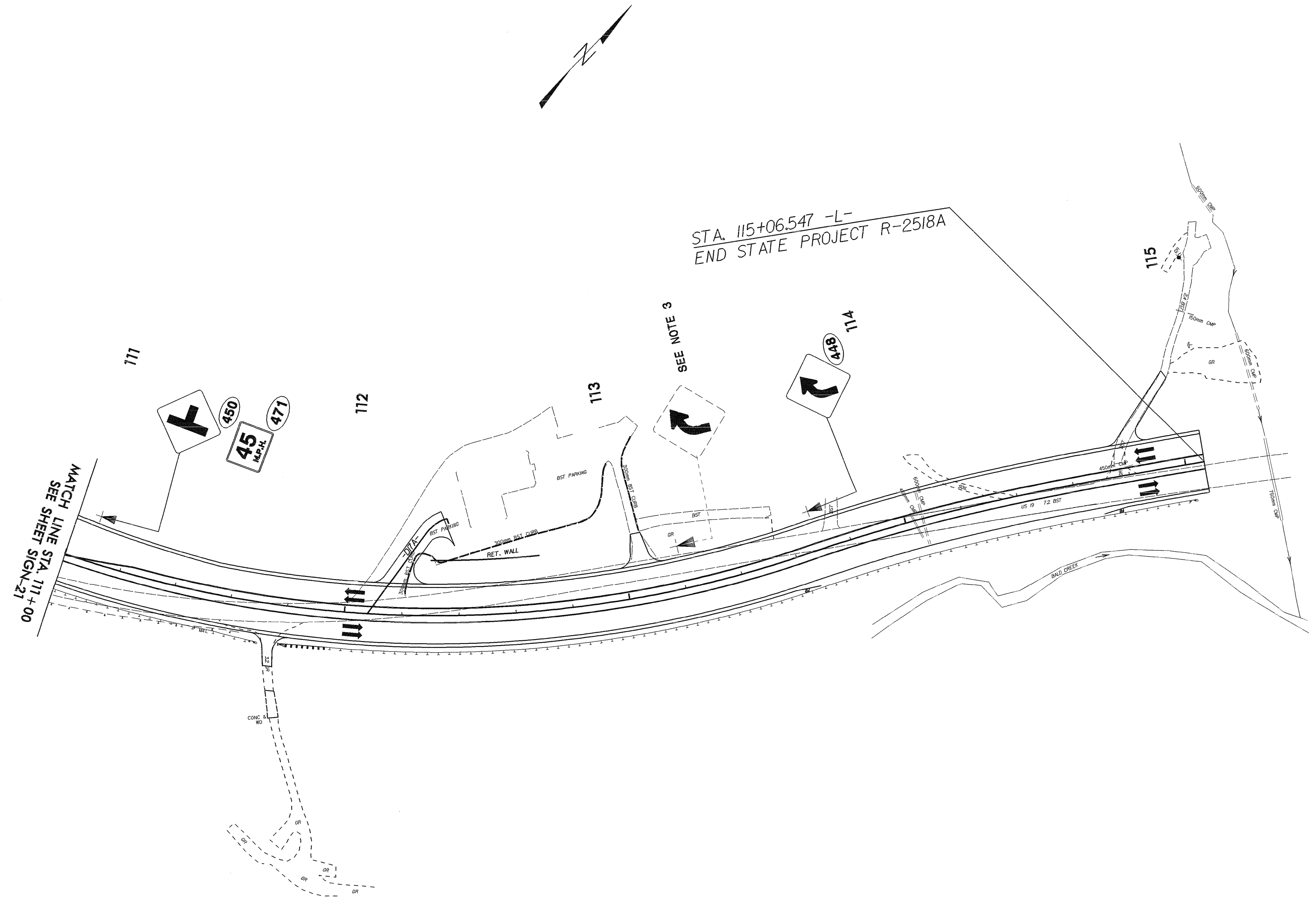
EXISTING AND PROPOSED SIGNS
 -L- STA. 99+80 TO 105+40
 US 19

	TIP NO. R-2518A	SHEET NO. SIGN-21
	APPROVED: <i>[Signature]</i> DATE: 9/7/07	
SEAL 		



EXISTING AND PROPOSED SIGNS
 -L- STA. 105+40 TO 111+00
 US 19

	TIP NO.	SHEET NO.
	R-2518A	SIGN-22
APPROVED: <i>[Signature]</i>		
DATE: 9/17/07		
SEAL		
		



EXISTING AND PROPOSED SIGNS
-L- STA. 111+00 TO END OF PROJECT
US 19