

T.I.P.: U-4902D


CONTRACT: C202280

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

NEW HANOVER COUNTY

**LOCATION: US 17 (MARKET ST) FROM SR 1403 (MIDDLE SOUND LOOP RD) /LENDIRE
EXTENSION TO SR 2290 (MENDENHALL DR) /SR 2734 (MARSH OAKS DR)**

TIP NO. U-4902D	SHEET NO. SIGN-1
APPROVED: <u>Andrew D. Klinksiek</u> <small>E3078F8459E44B</small>	
DATE: 11/2/2020	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

07/09/2020 ADDED PAY ITEM NOTE 6,
REVISED QUANTITIES.
JTT

08/25/2020 REVISED QUANTITIES.
JTT

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.30	SIGNING SIGNALIZED AND UNSIGNALIZED SUPERSTREET
1264.01	OBJECT MARKERS TYPES

PAY ITEM NOTES

- 1 SIGN ERECTION, TYPE E AND F
- 2 SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)
- 3 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 4 DISPOSAL OF SUPPORT, U-CHANNEL
- 5 VERTICAL PANEL TYPE 3 OBJECT MARKER - OM3-C
- 6 VERTICAL PANEL TYPE 3 OBJECT MARKER - OM3-L

SUMMARY OF QUANTITIES

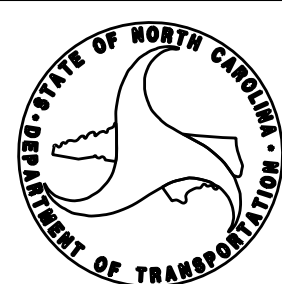
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1632	L.F.
4102000000	904	SIGN ERECTION, TYPE E	97	EA.
4108000000	904	SIGN ERECTION, TYPE F	6	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	30	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	4	EA.
4360000000	SP	VERTICAL PANEL TYPE 3 OBJECT MARKER - OM3-C	6	EA.
4360000000	SP	VERTICAL PANEL TYPE 3 OBJECT MARKER - OM3-L	9	EA.

GENERAL NOTES

- . SIGNS FURNISHED BY STATE.
- . ALL PROPOSED SIGNS SEE PAY ITEM NOTE 1 UNLESS OTHERWISE NOTED.
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . ALL RELOCATED 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.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL TYPE 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 AND F SIGNS SHALL BE GRADE C REFLECTIVE SHEETING UNLESS OTHERWISE.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

PLANS SUBMITTED TO NCDOT DIVISION 03:

JESSI LEONARD, PE DIVISION TRAFFIC ENGINEER
R. COKE GRAY III, PE REGIONAL TRAFFIC ENGINEER



PLANS PREPARED BY: HNTB NORTH CAROLINA, P.C.


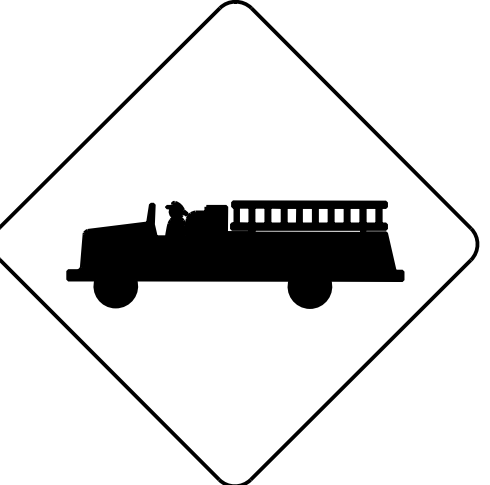




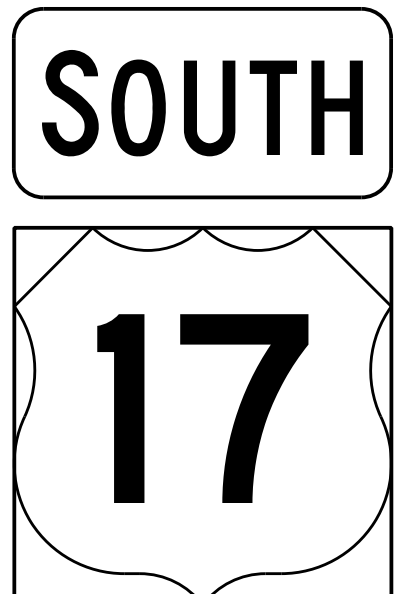


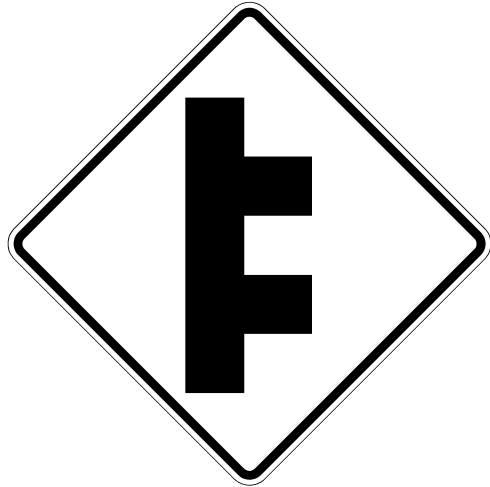
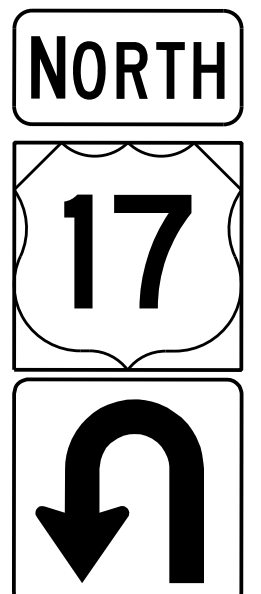

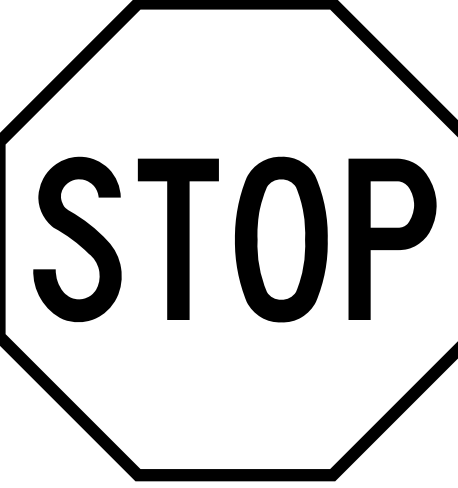

C.A. JOHNSON, III, PE SIGNING PROJECT MANAGER
A.D. KLINKSIEK, PE, PTOE SIGNING PROJECT ENGINEER
T.R. TERRELL SIGNING DESIGN SENIOR TECHNICIAN




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INDEX


SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE E AND F SHEET
SIGN-3-6	SIGNING PLAN SHEETS

<p>401 QUANTITY REQ'D 4</p>  <p>30" X 36" R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>406 QUANTITY REQ'D 2</p>  <p>36" X 36" W11-8</p> <p>ONE "U" POST PER SIGN</p>	<p>411 QUANTITY REQ'D 1</p>  <p>54" X 18" R6-1L</p> <p>TWO "U" POSTS PER SIGN</p>		<p>501 502 504</p>  <p>1 - 24" X 12"</p> <p>1 - 24" X 24"</p> <p>ONE "U" POST PER ASSEMBLY</p>	
<p>402 QUANTITY REQ'D 28</p>  <p>36" X 24" R5-1a</p> <p>ONE "U" POST PER SIGN MOUNT BACK TO BACK WITH SIGN 402 IN 1 INSTALLATION</p>	<p>407 QUANTITY REQ'D 2</p>  <p>24" X 36" R10-6</p> <p>ONE "U" POST PER SIGN</p>	<p>412</p> <p>NOT USED</p>		<p>503 505</p>  <p>1 - 24" X 12"</p> <p>1 - 24" X 24"</p> <p>ONE "U" POST PER ASSEMBLY</p>	
<p>403 QUANTITY REQ'D 26</p>  <p>36" X 36" R5-1</p> <p>ONE "U" POST PER SIGN MOUNT BACK TO BACK WITH SIGN 402 IN 1 INSTALLATION</p>	<p>408 QUANTITY REQ'D 1</p>  <p>42" X 30" R5-1a</p> <p>TWO "U" POSTS PER SIGN</p>	<p>413 QUANTITY REQ'D 2</p>  <p>30" X 30" W2-8</p> <p>ONE "U" POST PER SIGN</p>		<p>506</p>  <p>1 - 24" X 12"</p> <p>1 - 24" X 24"</p> <p>1 - 21" X 21"</p> <p>ONE "U" POST PER ASSEMBLY</p>	
<p>404 QUANTITY REQ'D 14</p>  <p>54" X 18" R6-1R</p> <p>TWO "U" POSTS PER SIGN</p>	<p>409</p> <p>NOT USED</p>				
<p>405 QUANTITY REQ'D 16</p>  <p>36" X 36" R1-1</p> <p>ONE "U" POST PER SIGN MOUNT BELOW SIGN 404 IN 14 INSTALLATIONS</p>	<p>410 QUANTITY REQ'D 1</p>  <p>24" X 30" R2-1</p> <p>ONE "U" POST PER SIGN</p>				

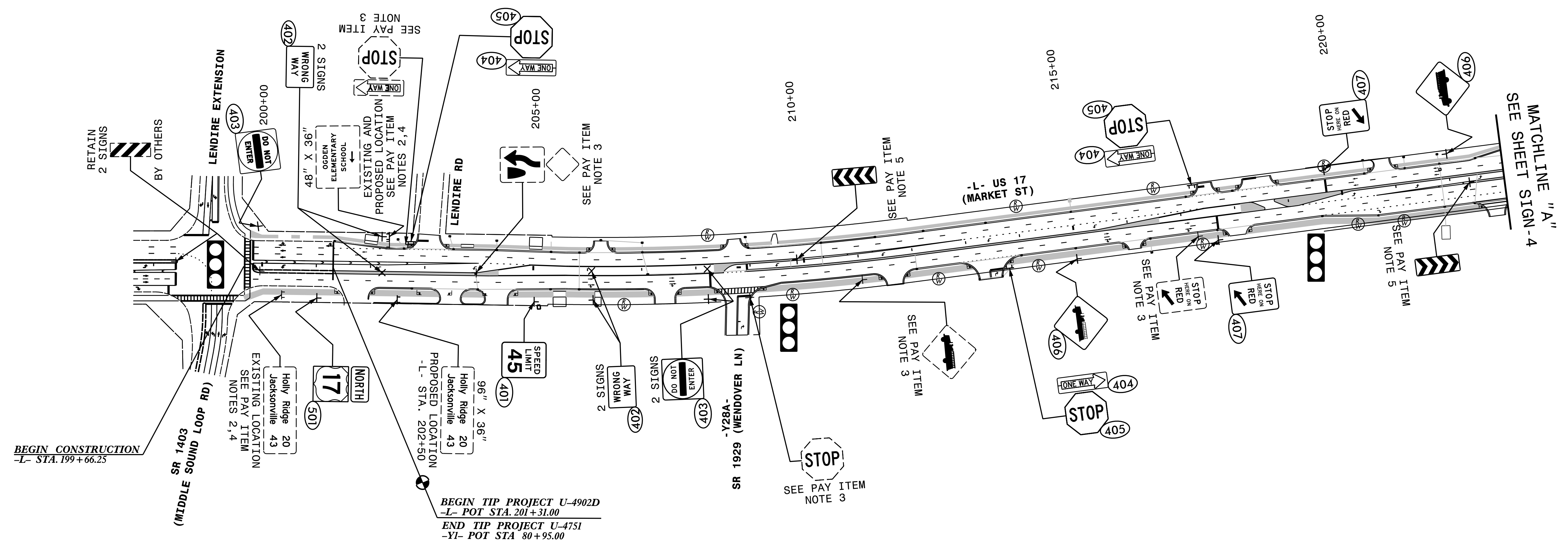
TIP NO. U-4902D	SHEET NO. SIGN-2
DocuSigned by: APPROVED: Andrew D. Klinkiek E3078F8459E44B	
DATE: 11/2/2020	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

07/09/2020 REVISED QUANTITIES FOR SIGNS 409 & 412 JTT

08/25/2020 REMOVED SIGNS 409 & 412. REVISED QUANTITY FOR SIGN 405. JTT


TIP NO. U-4902D	SHEET NO. SIGN-3
APPROVED: <i>Andrew D. Klinsiek</i> ES078F8459E48B	
DATE: 11/2/2020	
SEAL	
	
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08/25/2020 UPDATED ROADWAY
JTT

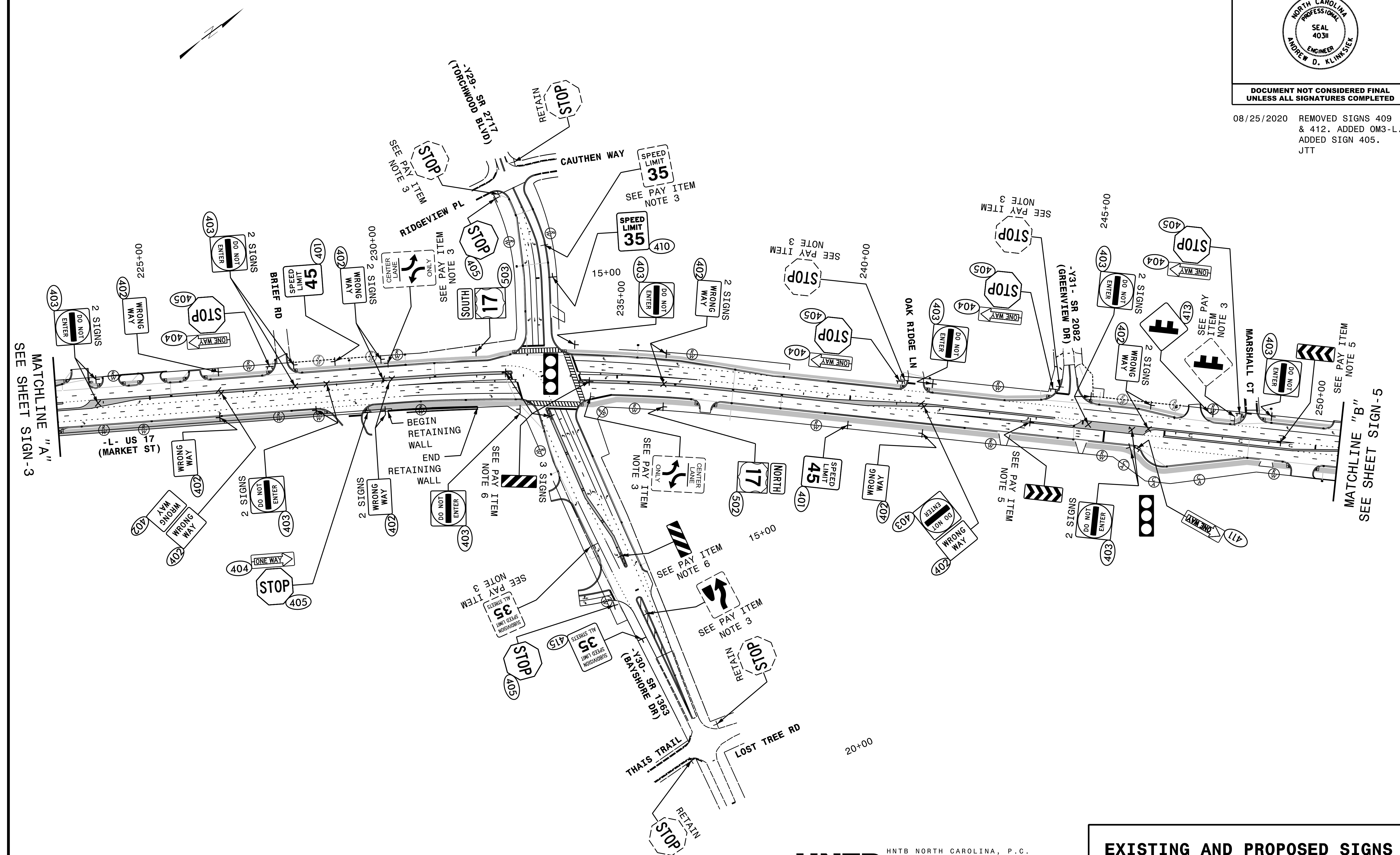


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EXISTING AND PROPOSED SIGNS
-L- STA. 200+00 TO 223+00

TIP NO. U-4902D	SHEET NO. SIGN-4
APPROVED: <i>Andrew D. Klinsiek</i> ES078F8459E48B	
DATE: 11/2/2020	
SEAL	
	
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08/25/2020 REMOVED SIGNS 409 & 412. ADDED OM3-L. ADDED SIGN 405. JTT




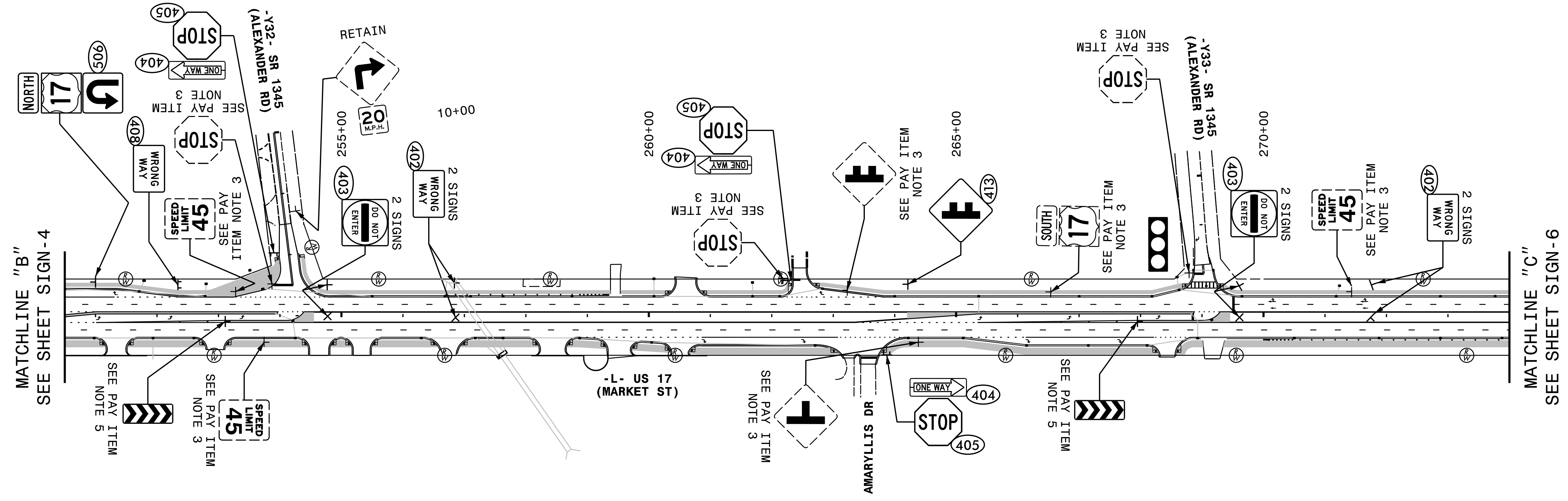
MATCHLINE "A"
SEE SHEET SIGN-3


MATCHLINE "B"
SEE SHEET SIGN-5

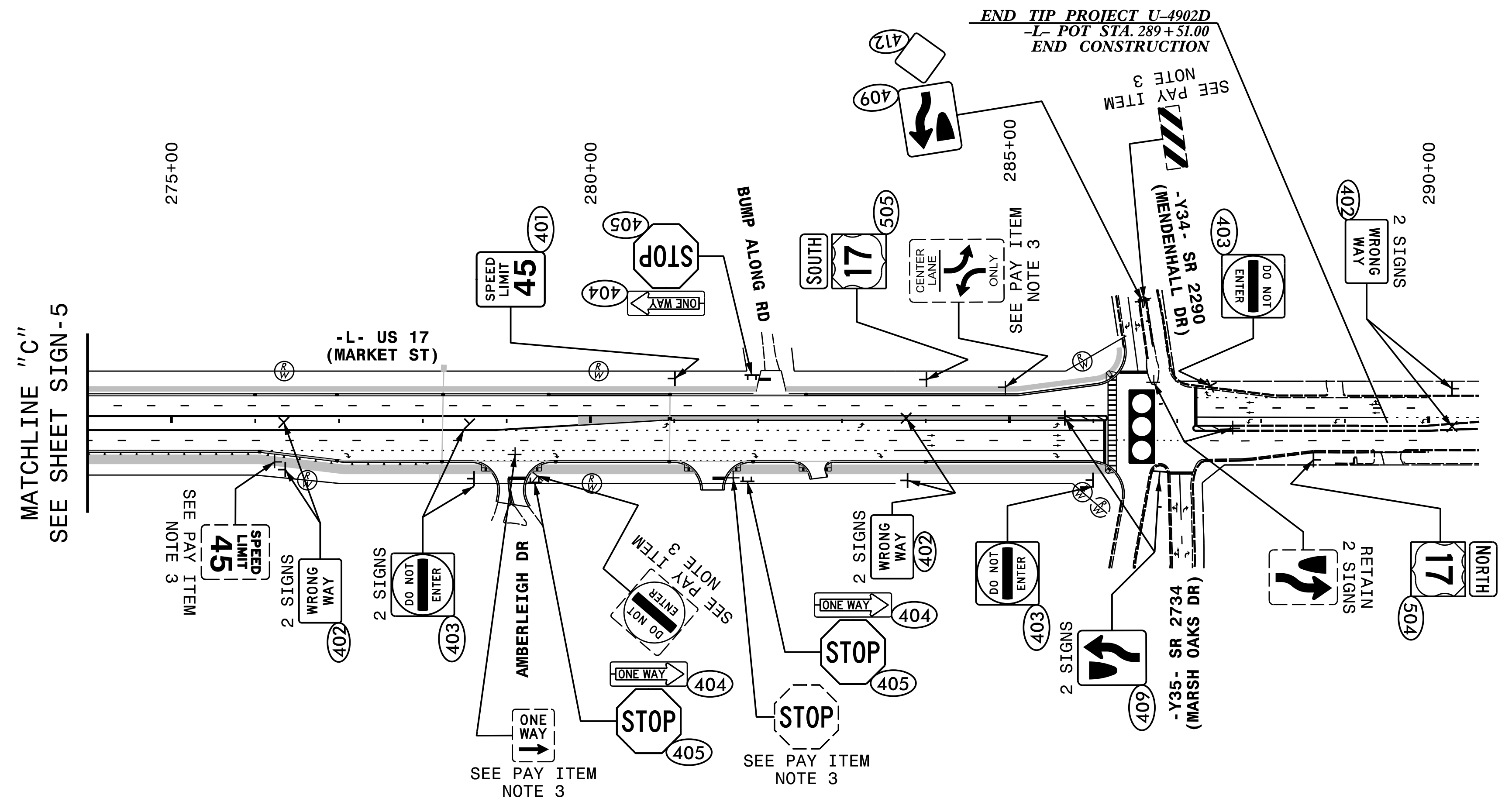
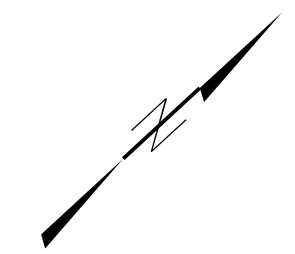
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**EXISTING AND PROPOSED SIGNS
-L- STA. 223+00 TO 250+50**

TIP NO. U-4902D	SHEET NO. SIGN-5
APPROVED: <u>Andrew D. Klinkick</u> <small>E310785496448</small>	
DATE: 7/27/2018	
SEAL	
	
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TIP NO. U-4902D	SHEET NO. SIGN-6
APPROVED: <u>Andrew D. Klinckisch</u> <small>DocuSigned by: E3D78F8496E44B</small>	
DATE: <u>7/27/2018</u>	
SEAL 	
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**EXISTING AND PROPOSED SIGNS
-L- STA. 274+00 TO 290+00**