


TIP NO. R-5020B	SHEET NO. PMP-1
APPROVED: _____	
DATE: _____	
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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

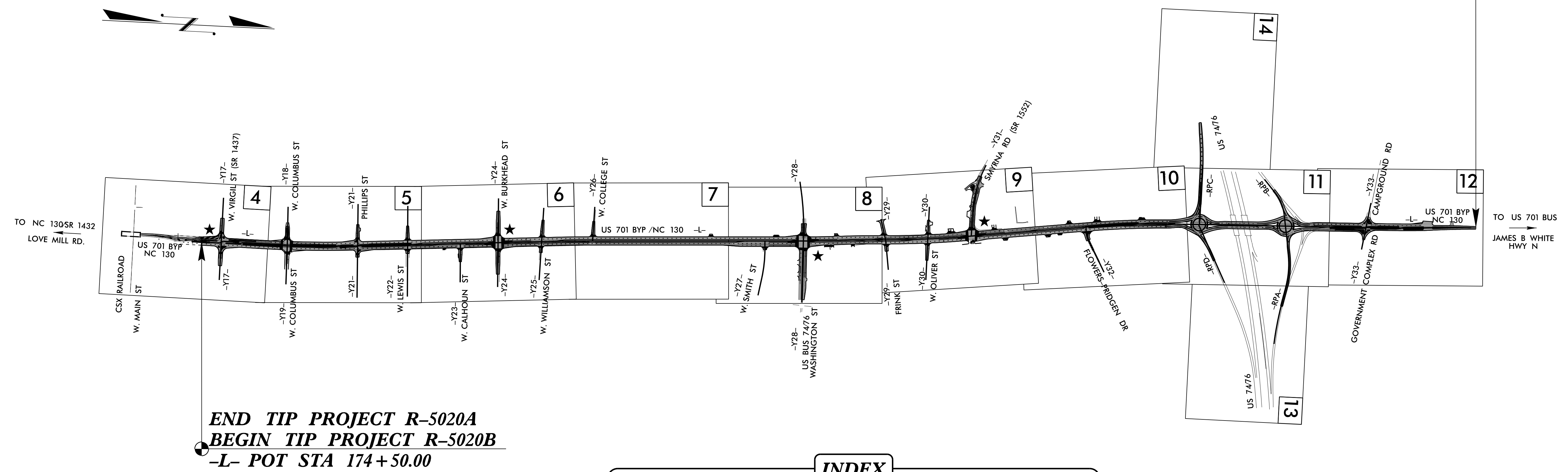
**PAVEMENT MARKING PLAN
COLUMBUS COUNTY**

**LOCATION: US 701 BYPASS (MADISON STREET-JK POWELL BLVD.)
FROM SR 1437 (VIRGIL AVENUE) TO US 7476**

**END TIP PROJECT R-5020B
-L- POT STA 289+75.00**

TIP PROJECT: R-5020B

CONTRACT: -



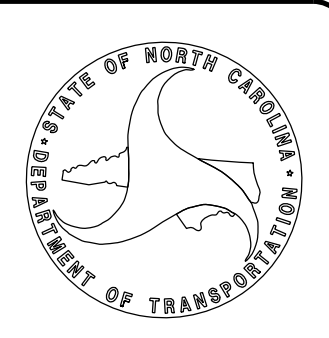
**END TIP PROJECT R-5020A
BEGIN TIP PROJECT R-5020B
-L- POT STA 174+50.00**

INDEX

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N.C.D.O.T. CONTACT INFORMATION

<u>Ayman I. Alqudwah, PE</u>	SIGNING AND DELINEATION REGIONAL ENGINEER
<u>Stacey Johns</u>	SIGNING AND DELINEATION PROJECT DESIGN ENGINEER



**PLAN PREPARED BY:
SEPI ENGINEERING & CONSTRUCTION**

<u>Steve Miller, PE</u>	PROJECT MANAGER
<u>Robert Screws, EI</u>	DESIGN ENGINEER

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PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	
T61	WHITE STOP BAR	<u>THERMOPLASTIC (24", 90 MILS)</u>
		<u>THERMOPLASTIC (4", 90 MILS)</u>
T1	WHITE EDGE LINE	
T2	WHITE SOLID LANE LINE	
T3	10 FT. WHITE SKIP	
T4	3 FT. - 9 FT./SP WHITE MINISKIP	
T10	YELLOW EDGE LINE	
T13	YELLOW DOUBLE CENTER	
T14	2 FT. - 6 FT./SP YELLOW MINISKIP	
		<u>THERMOPLASTIC (6", 90 MILS)</u>
T20	WHITE EDGE LINE	
T21	WHITE SOLID LANE LINE	
T22	10 FT. WHITE SKIP	
T30	YELLOW EDGE LINE	
		<u>THERMOPLASTIC (8", 90 MILS)</u>
T40	WHITE GORE LINE	
T41	WHITE DIAGONAL	
T42	YELLOW DIAGONAL	
T43	WHITE SOLID LANE LINE	
T44	3 FT. - 9 FT./SP WHITE MINISKIP	
T45	3 FT. - 3 FT./SP WHITE MINISKIP	
T46	WHITE CROSSWALK LINE	
		<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>
T70	LEFT TURN ARROW	
T71	RIGHT TURN ARROW	
T72	STRAIGHT ARROW	
T73	COMBO LEFT/STRAIGHT ARROW	
T74	COMBO RIGHT/STRAIGHT ARROW	
T80	RAMP ARROW SYMBOL	
T102	12" YIELD LINE TRIANGLE	
T103	24" YIELD LINE TRIANGLE	
T110	FISH-HOOK STRAIGHT ARROW	
T112	FISH-HOOK RIGHT/STRAIGHT ARROW	
T117	FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW	
T118	FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW	
		<u>THERMOPLASTIC PAVEMENT MARKING WORD MESSAGES (90 MILS)</u>
T100	ALPHANUMERIC CHARACTERS	
		<u>SNOWPLOWABLE RAISED PAVEMENT MARKERS</u>
ME	YELLOW & YELLOW	
MF	CRYSTAL & RED	

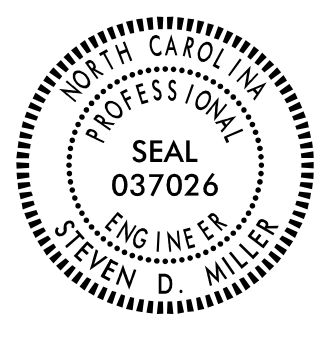
SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	70,940	LF
4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	4,515	LF
4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	8,750	LF
4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	500	LF
4891000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1,060	LF
4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	231	EA
4892000000-N	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	20	EA
4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	925	EA

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**PAVEMENT MARKING SCHEDULE
& SUMMARY OF QUANTITIES**

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GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
US 70 BYPASS	THERMOPLASTIC	SNOWPLOWABLE
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- E) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - 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:

<u>STD. NO.</u>	<u>TITLE</u>
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION
1266.01	RAISED PAVEMENT MARKERS - TUBULAR MARKERS

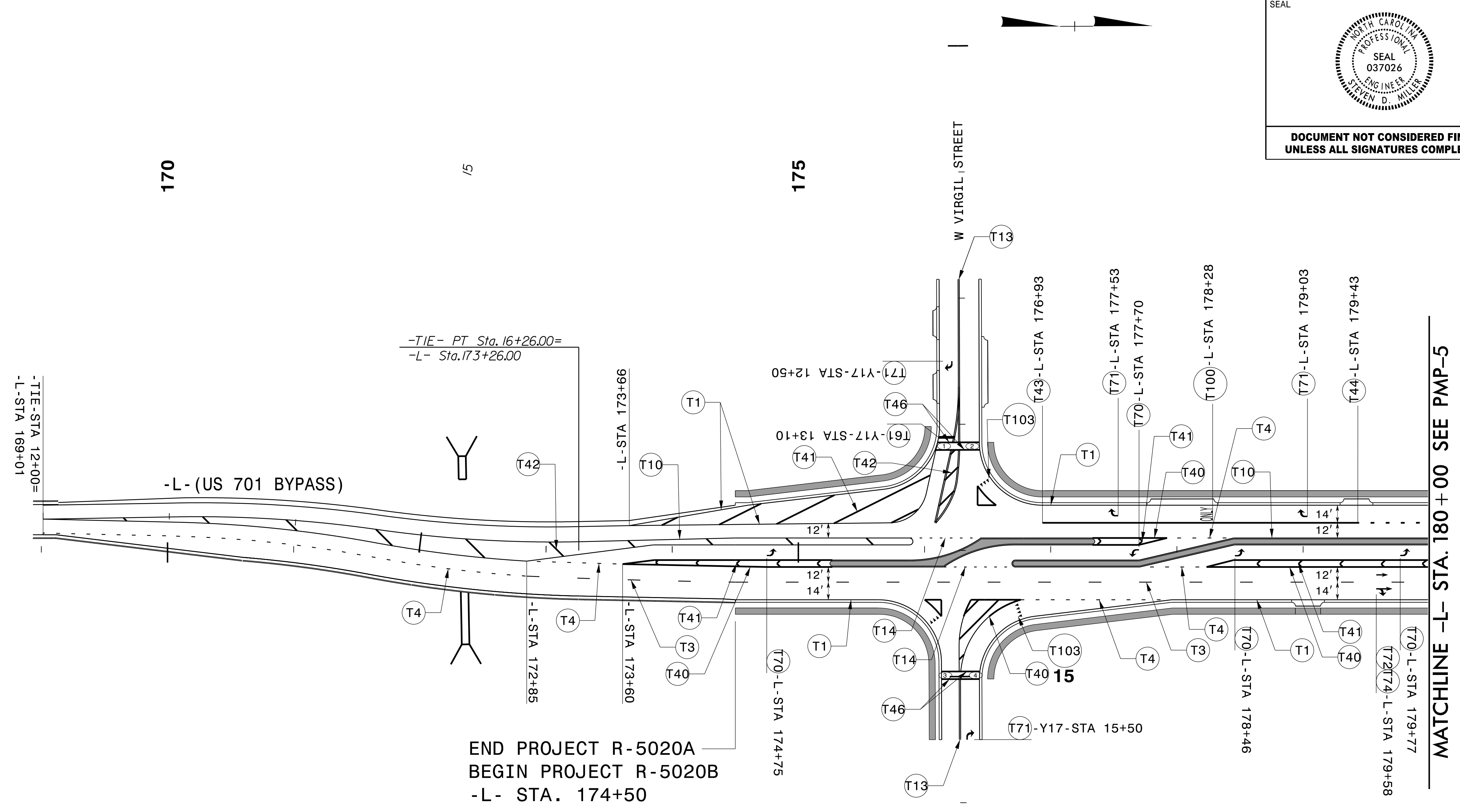
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**GENERAL NOTES AND ROADWAY
STANDARD DRAWINGS**

-TIE- Sta. 10+00.00

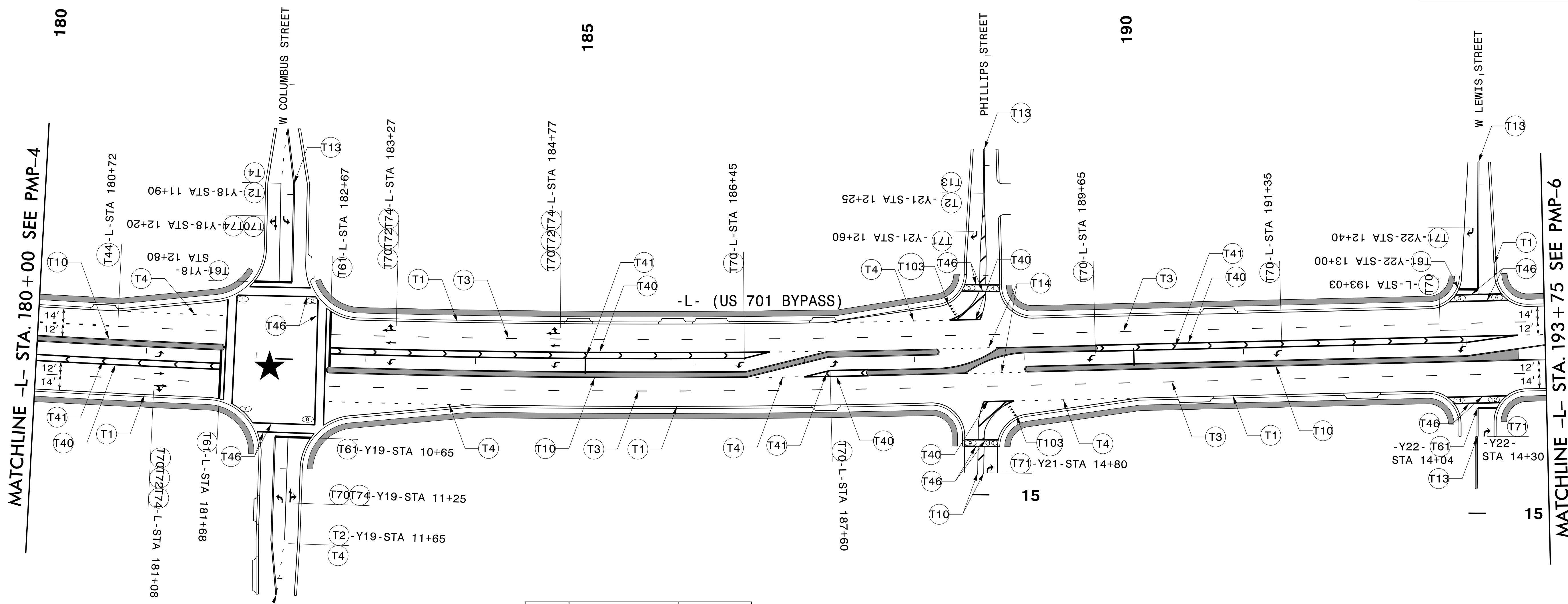


NUMBER	CURB RAMP	STATION
1	TYPE 3	-L- STA 175+89
2	TYPE 3	-L- STA 176+50
3	TYPE 3	-L- STA 176+05
4	TYPE 3	-L- STA 176+62

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PAVEMENT MARKING DETAIL



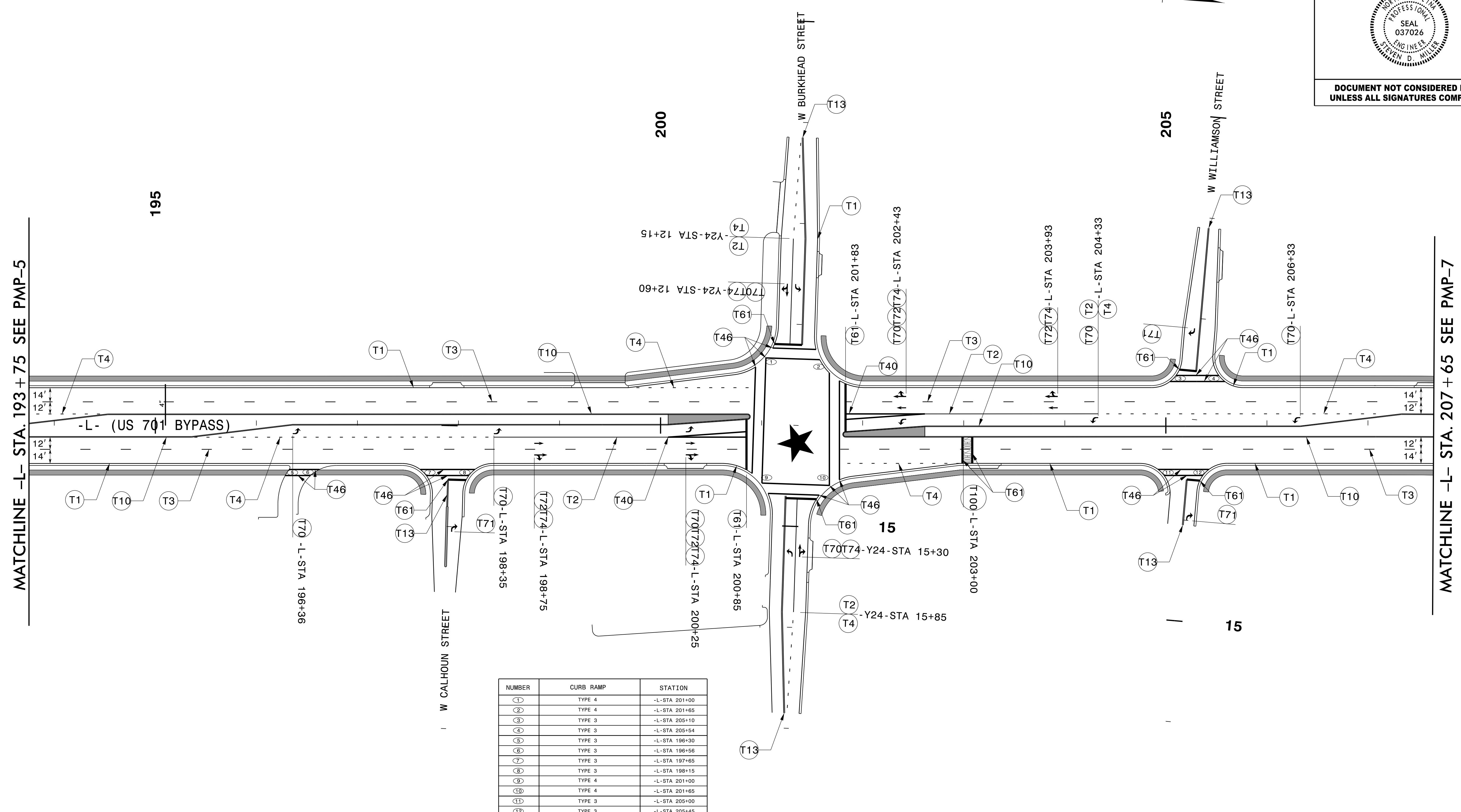
NUMBER	CURB RAMP	STATION
①	TYPE 4	-L-STA 181+85
②	TYPE 4	-L-STA 182+54
③	TYPE 3	-L-STA 188+45
④	TYPE 3	-L-STA 188+85
⑤	TYPE 3	-L-STA 192+90
⑥	TYPE 3	-L-STA 193+35
⑦	TYPE 4	-L-STA 181+85
⑧	TYPE 2A	-L-STA 182+54
⑨	TYPE 3	-L-STA 188+45
⑩	TYPE 3	-L-STA 188+85
⑪	TYPE 3	-L-STA 192+90
⑫	TYPE 3	-L-STA 193+35

NOTE:
★ SIGNALIZED INTERSECTION

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PAVEMENT MARKING DETAIL

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NUMBER	CURB RAMP	STATION
1	TYPE 4	-L- STA 201+00
2	TYPE 4	-L- STA 201+65
3	TYPE 3	-L- STA 205+10
4	TYPE 3	-L- STA 205+54
5	TYPE 3	-L- STA 196+30
6	TYPE 3	-L- STA 196+56
7	TYPE 3	-L- STA 197+65
8	TYPE 3	-L- STA 198+15
9	TYPE 4	-L- STA 201+00
10	TYPE 4	-L- STA 201+65
11	TYPE 3	-L- STA 205+00
12	TYPE 3	-L- STA 205+45

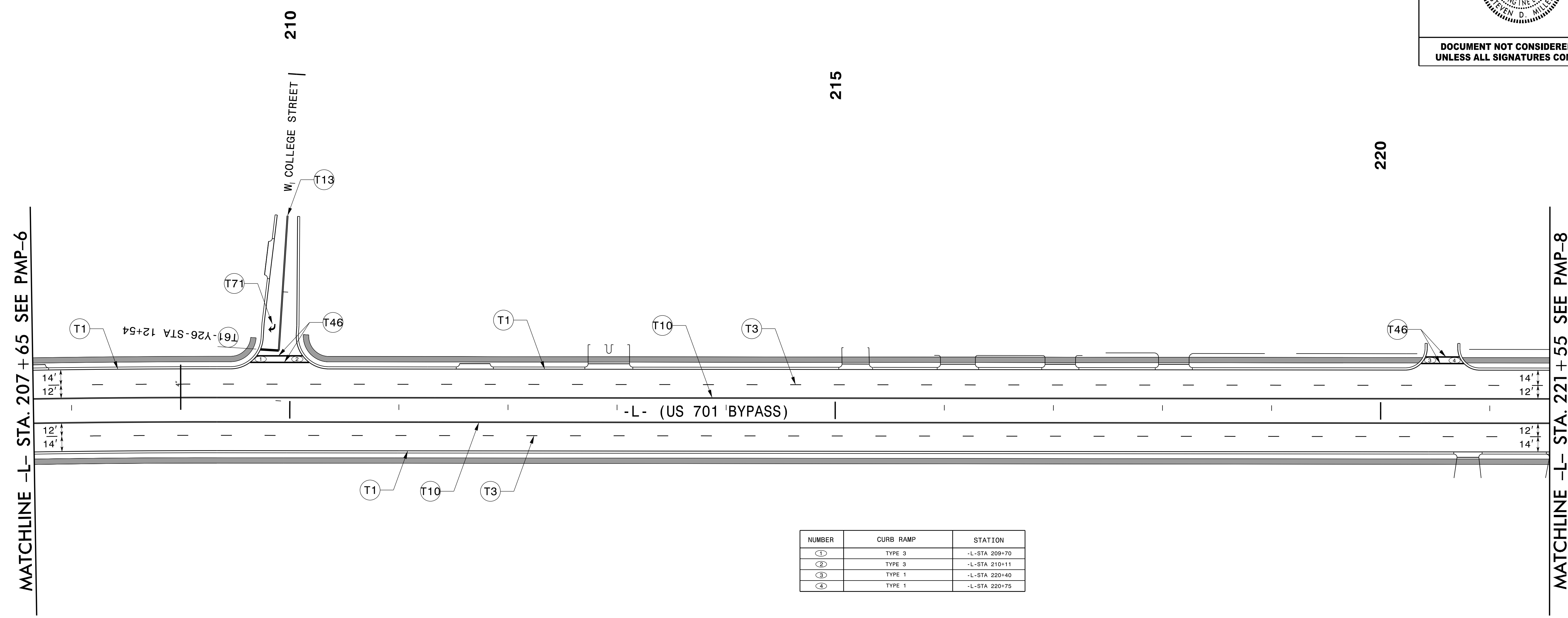
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★ SIGNALIZED INTERSECTION

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PAVEMENT MARKING DETAIL

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TIP NO. R-5020B	SHEET NO. PMP-7
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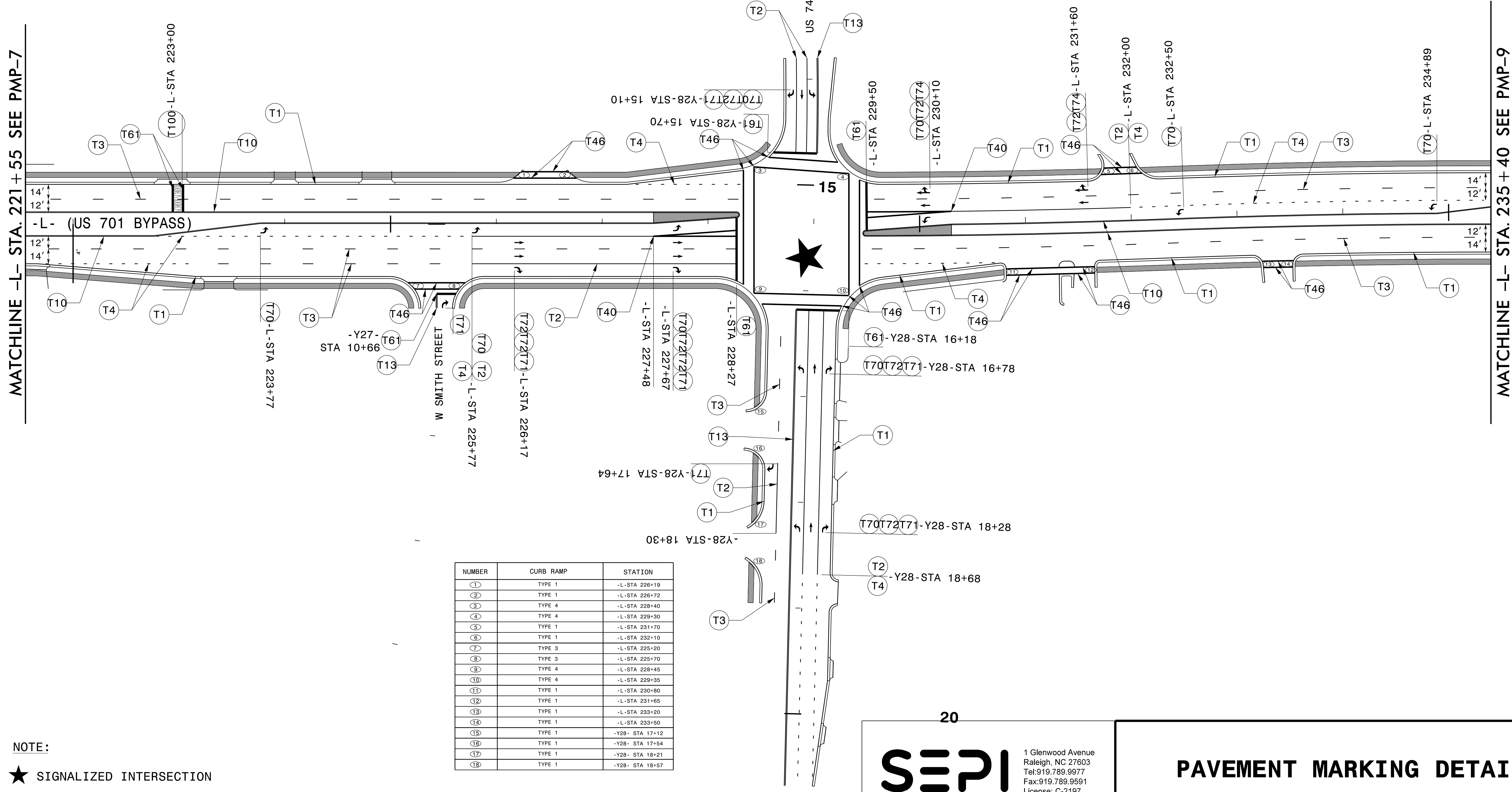


NUMBER	CURB RAMP	STATION
①	TYPE 3	-L-STA 209+70
②	TYPE 3	-L-STA 210+11
③	TYPE 1	-L-STA 220+40
④	TYPE 1	-L-STA 220+75

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PAVEMENT MARKING DETAIL




MATCHLINE -L- STA. 221+55 SEE PMP-7

MATCHLINE -L- STA. 235+40 SEE PMP-9

NUMBER	CURB RAMP	STATION
1	TYPE 1	-L- STA 226+19
2	TYPE 1	-L- STA 226+72
3	TYPE 4	-L- STA 228+40
4	TYPE 4	-L- STA 229+30
5	TYPE 1	-L- STA 231+70
6	TYPE 1	-L- STA 232+10
7	TYPE 3	-L- STA 225+20
8	TYPE 3	-L- STA 225+70
9	TYPE 4	-L- STA 228+45
10	TYPE 4	-L- STA 229+35
11	TYPE 1	-L- STA 230+80
12	TYPE 1	-L- STA 231+65
13	TYPE 1	-L- STA 233+20
14	TYPE 1	-L- STA 233+50
15	TYPE 1	-Y28- STA 17+12
16	TYPE 1	-Y28- STA 17+54
17	TYPE 1	-Y28- STA 18+21
18	TYPE 1	-Y28- STA 18+57

NOTE:
★ SIGNALIZED INTERSECTION

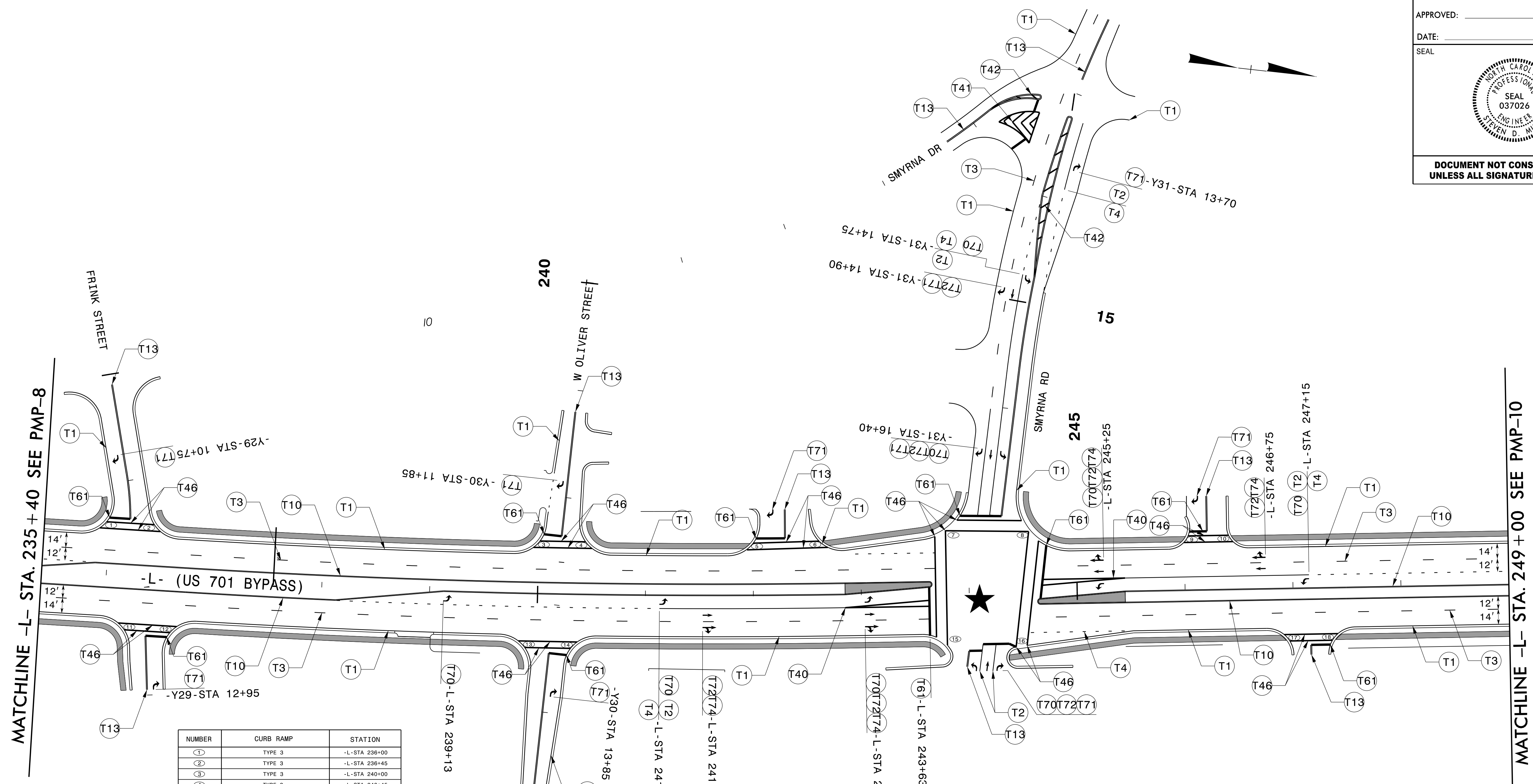
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PAVEMENT MARKING DETAIL

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MATCHLINE -L- STA. 235 + 40 SEE PMP-8

MATCHLINE -L- STA. 249 + 00 SEE PMP-10

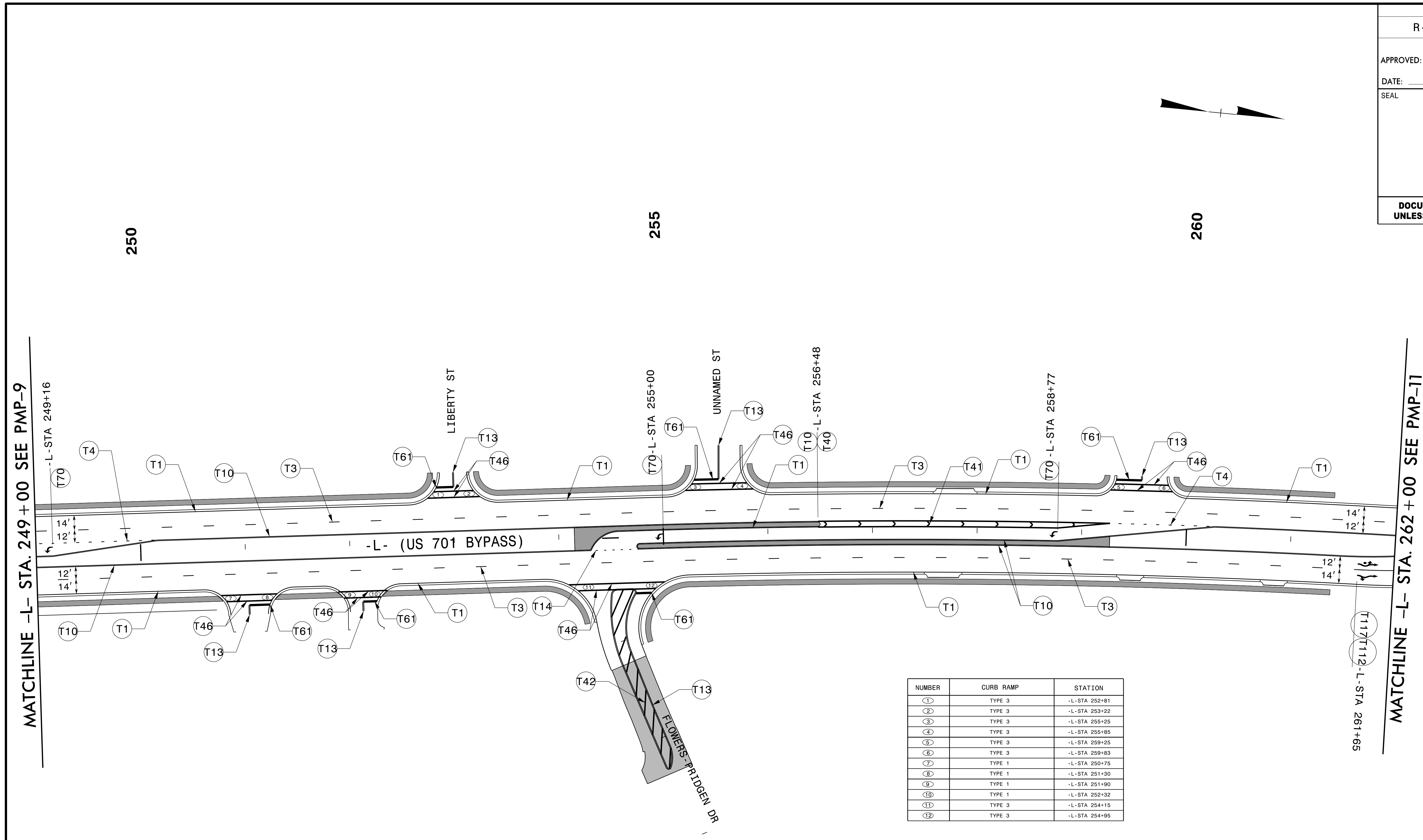
NUMBER	CURB RAMP	STATION
1	TYPE 3	-L-STA 236+00
2	TYPE 3	-L-STA 236+45
3	TYPE 3	-L-STA 240+00
4	TYPE 3	-L-STA 240+45
5	TYPE 1	-L-STA 242+00
6	TYPE 1	-L-STA 242+60
7	TYPE 4	-L-STA 243+79
8	TYPE 4	-L-STA 244+60
9	TYPE 1	-L-STA 246+00
10	TYPE 1	-L-STA 246+45
11	TYPE 3	-L-STA 236+15
12	TYPE 3	-L-STA 236+60
13	TYPE 3	-L-STA 239+85
14	TYPE 3	-L-STA 240+35
15	TYPE 3	-L-STA 243+75
16	TYPE 3	-L-STA 244+50
17	TYPE 1	-L-STA 246+92
18	TYPE 1	-L-STA 247+40

NOTE:
★ SIGNALIZED INTERSECTION

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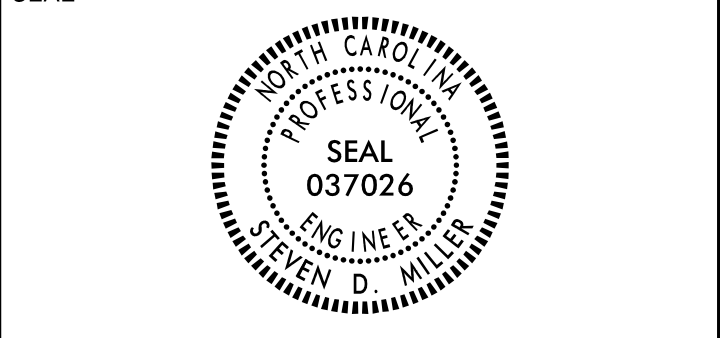
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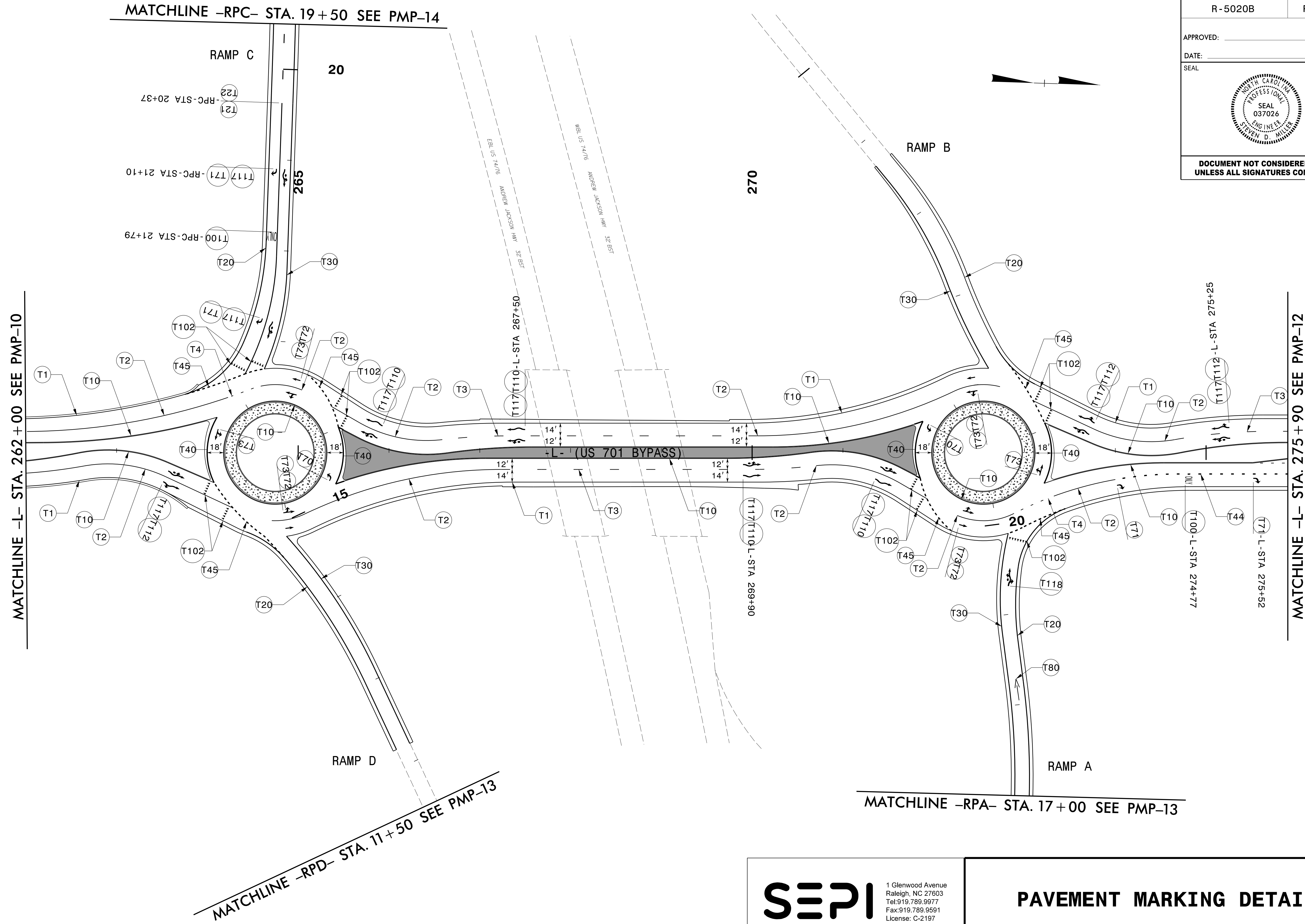
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3	TYPE 3	-L- STA 255+25
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5	TYPE 3	-L- STA 259+25
6	TYPE 3	-L- STA 259+83
7	TYPE 1	-L- STA 250+75
8	TYPE 1	-L- STA 251+30
9	TYPE 1	-L- STA 251+90
10	TYPE 1	-L- STA 252+32
11	TYPE 3	-L- STA 254+15
12	TYPE 3	-L- STA 254+95

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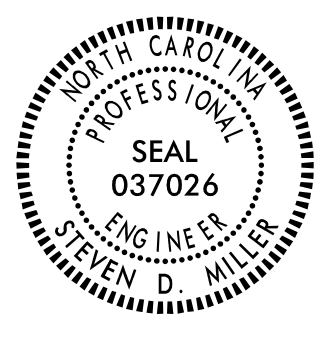
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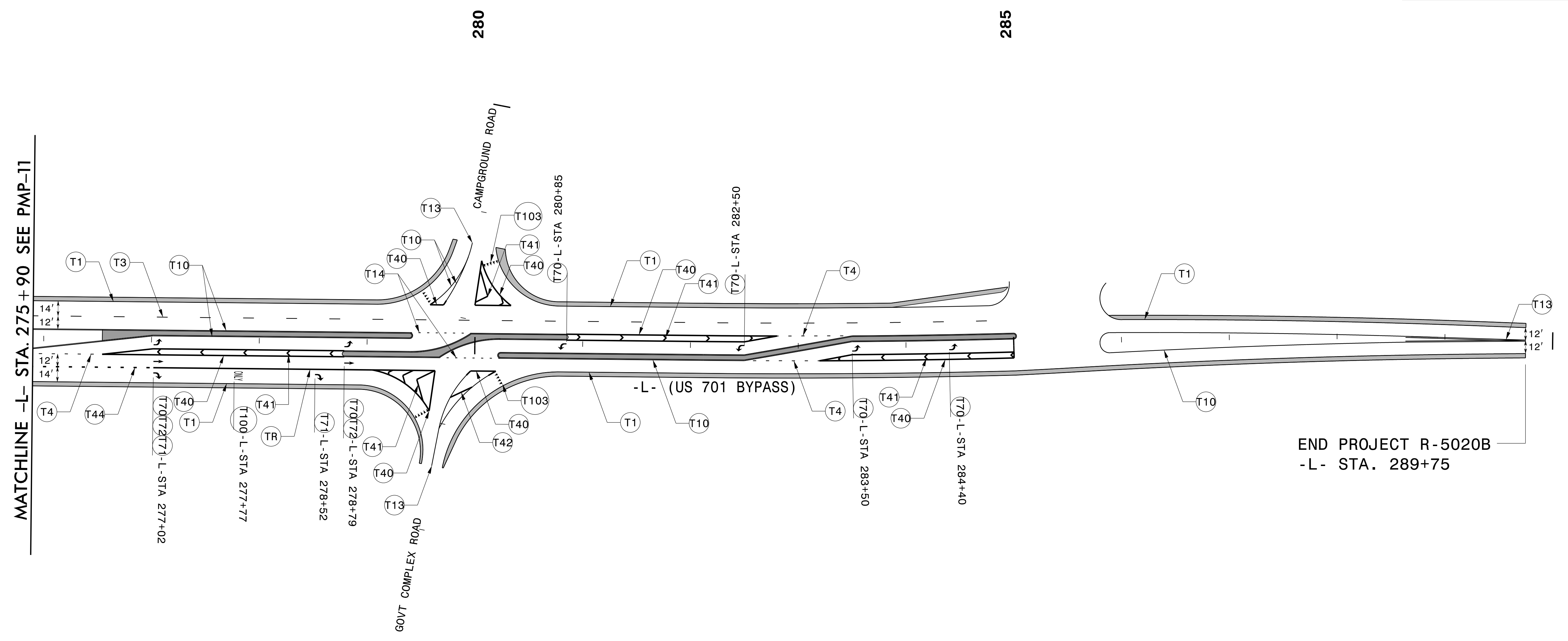
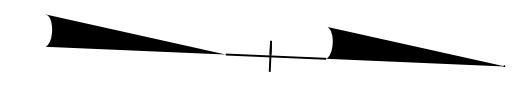


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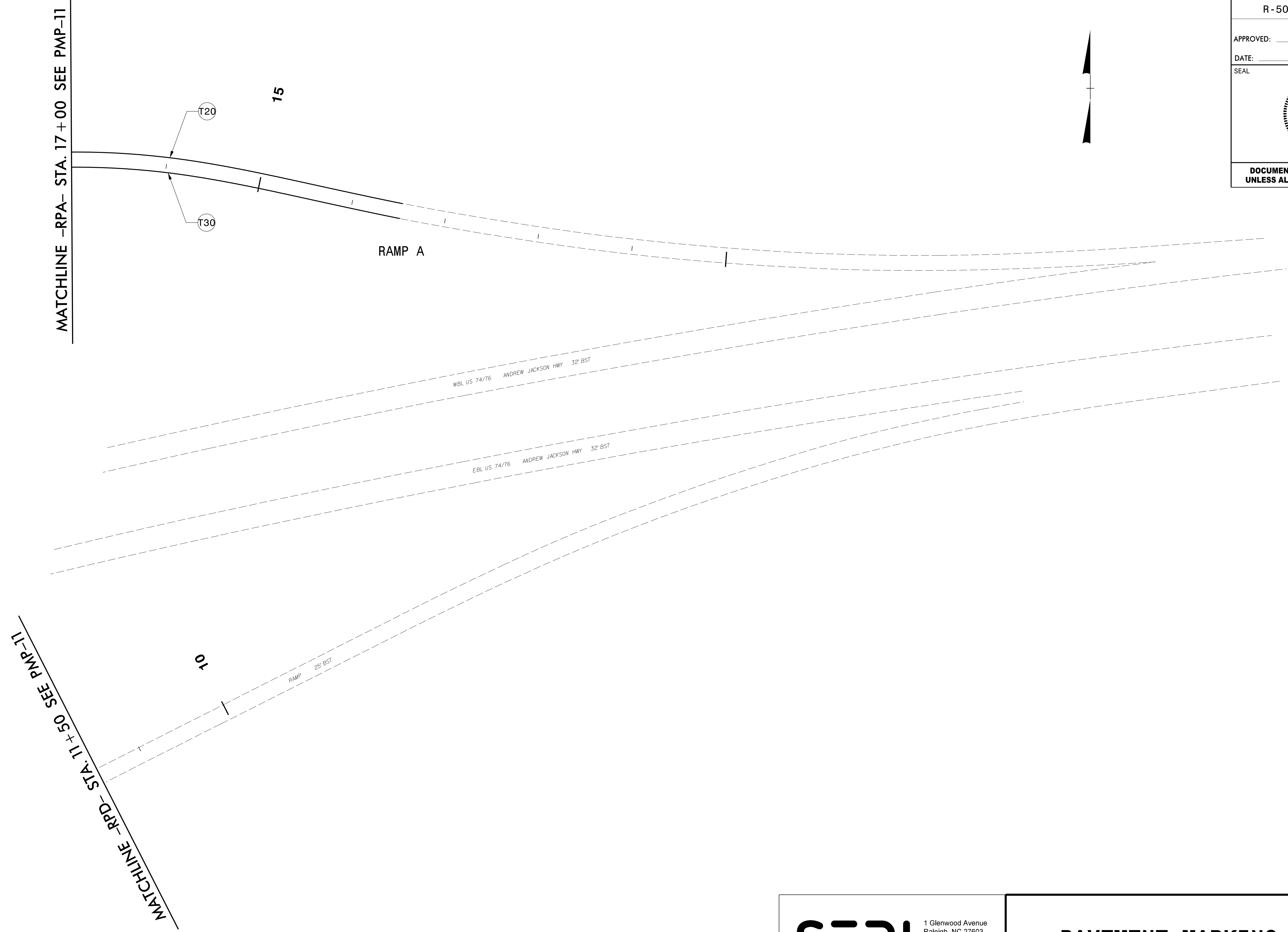
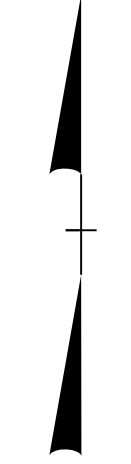
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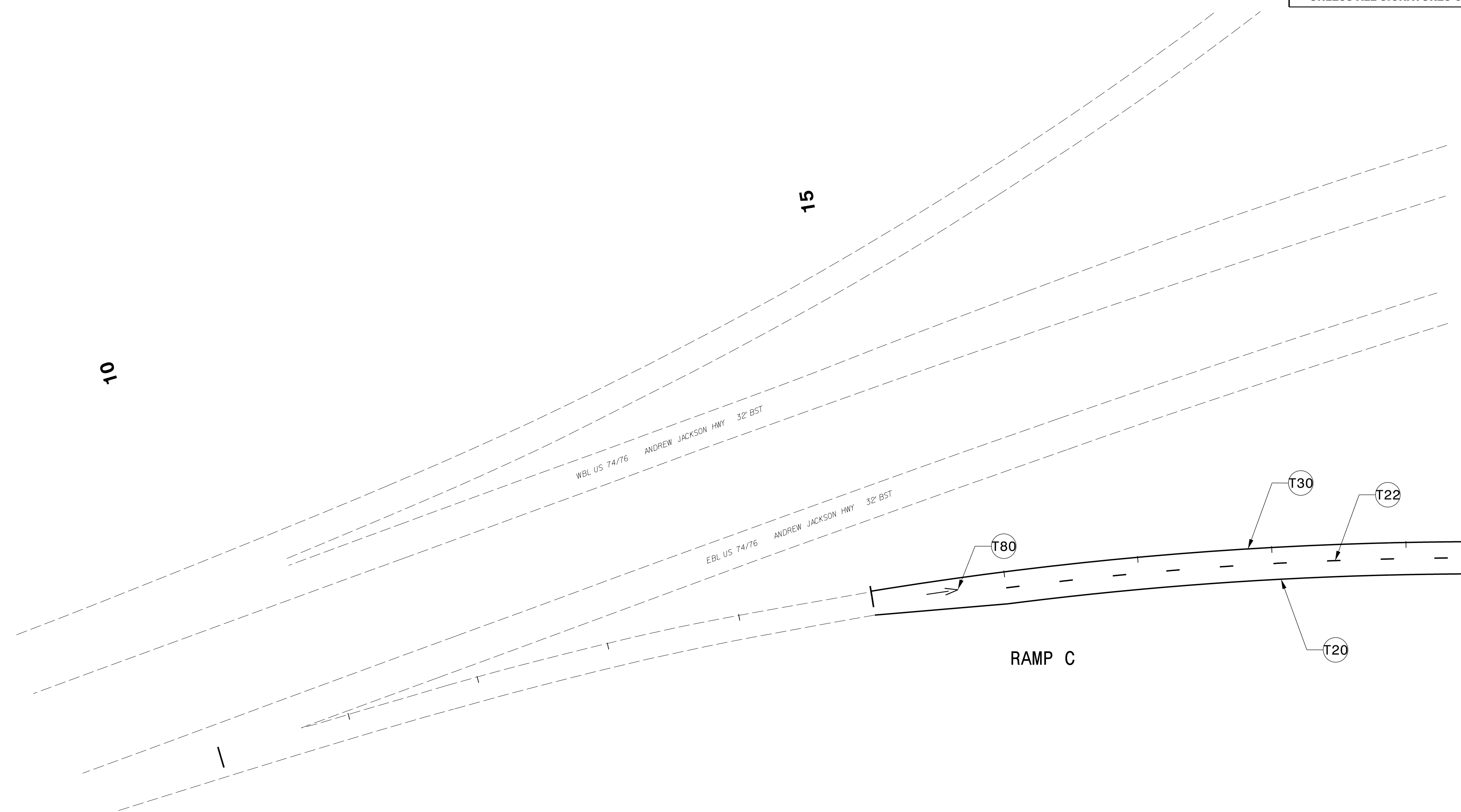
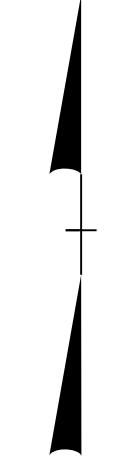
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