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8/17/99

PROJECT: U-4714BA

CONTRACT: C205184

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
UNION COUNTY

STV Engineers, Inc.
2151 Hawkins St., Suite 1400
Charlotte, NC 28203
NC License Number F-0991

TIP NO.	SHEET NO.
U-4714BA	PMP-1

APPROVED: Digitally signed by Sean C. Stephens
DATE: 10/12/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 043891 ENGINEER SEAN C. STEPHENS

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INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-1A	PAVEMENT MARKINGS LINE TYPE & OFFSET DETAIL
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3 THRU PMP-10	PAVEMENT MARKING DETAILS

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS"- N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMPS
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
1250.15	PAVEMENT MARKINGS - REDUCED CONFLICT INTERSECTIONS
1250.01	RAISED PAVEMENT MARKERS INSTALLATION SPACING

PAVEMENT MARKING 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
OLD MONROE RD (SR 1009) [L]	THERMOPLASTIC	POLYCARBONATE H-SHAPED
MORNINGSIDE MEADOW LN [Y]	THERMOPLASTIC	NONE
POPLAR GLEN DR (SR 2661) [Y1]	THERMOPLASTIC	NONE
PARK MEADOW DR [Y2]	THERMOPLASTIC	NONE
ENCANTED DR (SR 1428) [Y3]	THERMOPLASTIC	NONE
K-LINE RD (SR 1435) [Y4]	THERMOPLASTIC	NONE
BRYSON RD (SR 1387) [Y5]	THERMOPLASTIC	NONE
CHESTNUT CONNECTOR [Y6]	THERMOPLASTIC	NONE
WILLIAMS RESCUE RD (SR 1390) [Y7]	THERMOPLASTIC	NONE
CHESTNUT LN [Y8]	THERMOPLASTIC	NONE
WOODLAND RD [Y9]	THERMOPLASTIC	NONE
WAXHAW-INDIAN TRAIL RD (SR 1008) [Y10]	THERMOPLASTIC	NONE

B) PASSING ZONE WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.

C) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

D) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

E) STOP BARS AT NON-SIGNALIZED INTERSECTION MAY BE ADJUSTED AS DIRECTED BY ENGINEER.

PLAN PREPARED BY:

SEAN C. STEPHENS, PE TRAFFIC ENGINEER
CLARK GROVES TRANSPORTATION DESIGNER

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NC License Number F-0991

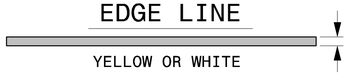
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PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	PMP-1A

CONTINUOUS LINES

EDGE LINE



YELLOW OR WHITE

LANE LINE



WHITE

CENTER LINE



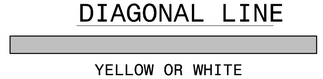
YELLOW

GORE LINE



WHITE

DIAGONAL LINE



YELLOW OR WHITE

CROSSWALK LINE



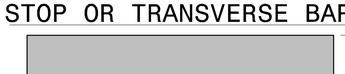
WHITE

RxR LINE



WHITE

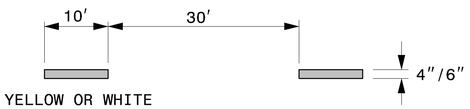
STOP OR TRANSVERSE BAR



WHITE

10′-30′/SP SKIP LINE

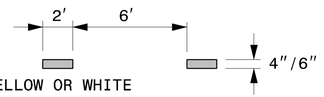
UNLESS OTHERWISED SHOWN, USE 10′-30′/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES.



YELLOW OR WHITE

2′-6′/SP MINI-SKIP LINE

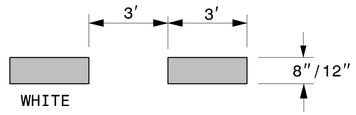
UNLESS OTHERWISED SHOWN, USE 2′-6′/SP MINI-SKIPS FOR LANE LINE EXTENSIONS THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND BICYCLE LANE EXTENSIONS.



YELLOW OR WHITE

3′-3′/SP MINI-SKIP LINE

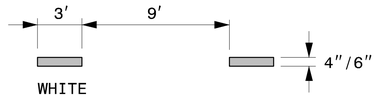
UNLESS OTHERWISED SHOWN, USE 3′-3′/SP MINI-SKIPS FOR THE WHITE EDGE LINE ENTENSIONS AT ROUNDABOUTS.



WHITE

3′-9′/SP MINI-SKIP LINE

UNLESS OTHERWISED SHOWN, USE 3′-9′/SP MINI-SKIPS FOR MINI-SKIP LANE LINES, LINE EXTENSIONS THROUGH TAPERS, AND MINI-SKIPS USED FOR BICYCLE LANE LINES.



WHITE

GENERAL NOTES:

1- USE 6″ LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER.

2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR

PAVEMENT MARKINGS

LINE TYPES AND OFFSETS

SHEET 1 OF 2

1205D01

Signed by: Matthew V. Springer
BE0DFBE8C3C4CF...

NORTH CAROLINA PROFESSIONAL SEAL 042546 ENGINEER MATTHEW V. SPRINGER

10/12/2026

CONTRACTS STANDARDS AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: M.V. SPRINGER DATE: 2-15-24
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: _____

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TIP NO.	SHEET NO.
U-4714BA	PMP-2

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DATE: 10/12/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 043891 ENGINEER SEAN C. STEPHENS

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PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
	THERMOPLASTIC (4″,90 MIL)
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T3	10′ WHITE SKIP
T4	3′ - 9′ / SPACE WHITE MINI SKIP
T5	2′ - 6′ / SPACE WHITE MINI SKIP
T10	YELLOW EDGELINE
T13	YELLOW DOUBLE CENTER
T14	2′ - 6′ / SPACE YELLOW MINI SKIP
	THERMOPLASTIC (8″,90 MIL)
T40	WHITE GORELINE
	THERMOPLASTIC (12″,90 MIL)
T51	WHITE DIAGONAL
T52	YELLOW DIAGONAL
	THERMOPLASTIC (24″,90 MIL)
T61	WHITE STOP BAR
T62	WHITE CROSSWALK LINE
	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MIL)
T100	ALPHANUMERIC CHARACTER
	THERMOPLASTIC SYMBOLS(90 MIL)
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T74	COMBO STRAIGHT / RIGHT ARROW
T77	U-TURN ARROW
T79	MERGE ARROW

MARKERS

SYMBOL	DESCRIPTION
	POLYCARBONATE H-SHAPED MARKERS
ME	YELLOW & YELLOW
MF	CRYSTAL & RED
MG	YELLOW & RED

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cgroves

PAVEMENT MARKING SCHEDULE

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NC License Number F-0991

TIP NO.	SHEET NO.
U-4714BA	PMP-3

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NORTH CAROLINA PROFESSIONAL SEAL 043891 ENGINEER SEAN C. STEPHENS

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NAD 83 / NA 2011

END TIP PROJECT U-4714AC
BEGIN T3 & MF
TIE TO EXISTING
-L- POT STA. 193+50.61 LB=

BEGIN TIP PROJECT U-4714BA
-L- POT STA. 10+00.00 LA

BEGIN T10 & T5
-L- STA. 13+78±

END T10 & T1 BEGIN T40 , T51 & MF
-L- STA. 14+76±

END T40 & T51 BEGIN T2
-L- STA. 16+66±

END T10 BEGIN T14 & T1
-L- STA. 13+88±

END T14 BEGIN T10
-L- STA. 14+53±

END T5
-L- STA. 15+98±

OLD MONROE RD (SR 1009)

-L-

T3 MF T14 T10 T51 T40 T77 T2 T77 T10 T1 T10 T5 T10 MF

MATCHLINE -L- STA. 17+00 (SHEET PMP-4)

NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

★ PROPOSED SIGNAL

GRAPHIC SCALE PLAN
50' 0' 50' 100'

SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

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TIP NO.	SHEET NO.
U-4714BA	PMP-4

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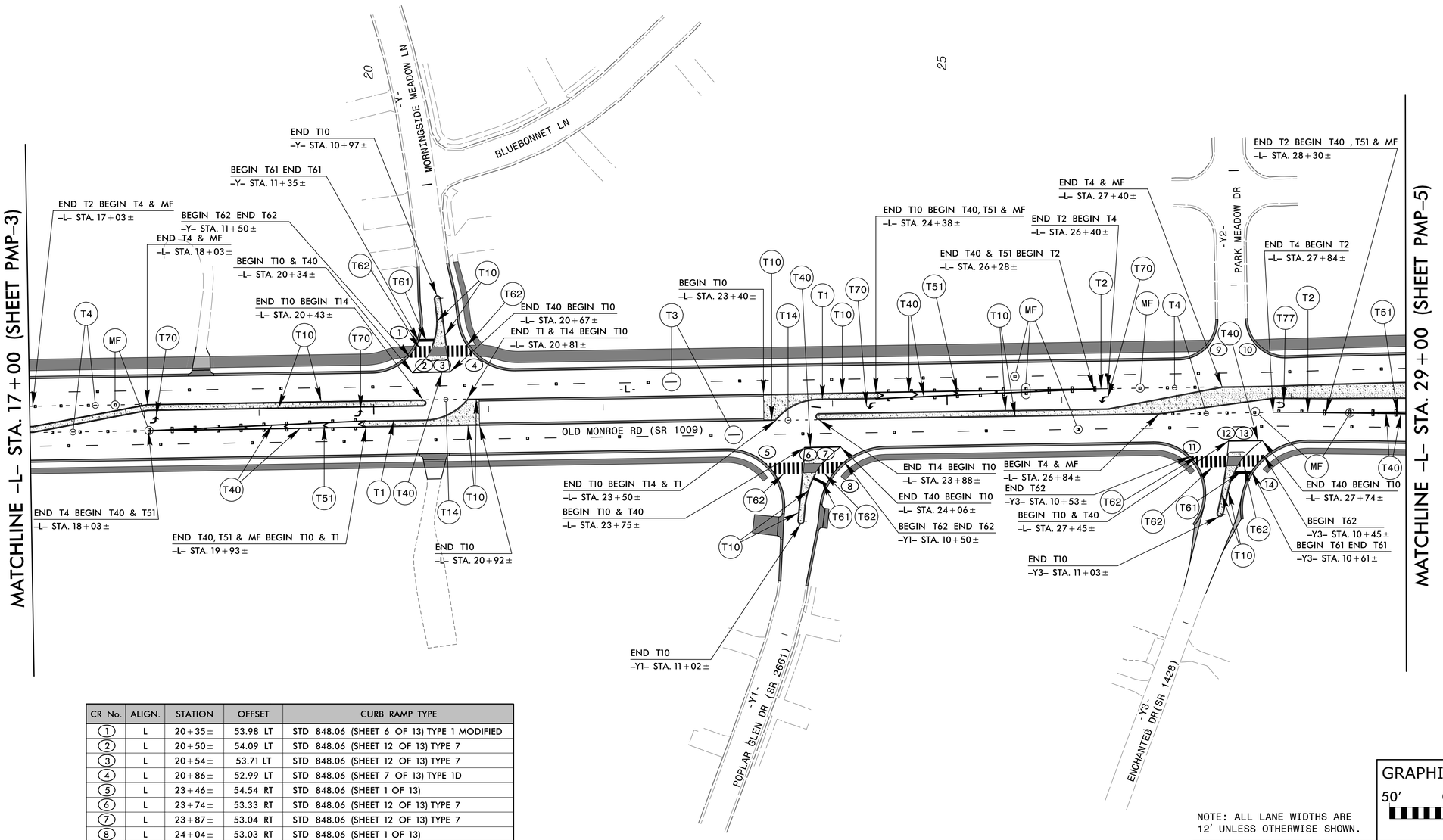
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CR No.	ALIGN.	STATION	OFFSET	CURB RAMP TYPE
1	L	20+35±	53.98 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
2	L	20+50±	54.09 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
3	L	20+54±	53.71 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
4	L	20+86±	52.99 LT	STD 848.06 (SHEET 7 OF 13) TYPE 1D
5	L	23+46±	54.54 RT	STD 848.06 (SHEET 1 OF 13)
6	L	23+74±	53.33 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
7	L	23+87±	53.04 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
8	L	24+04±	53.03 RT	STD 848.06 (SHEET 1 OF 13)
9	L	27+29±	47.64 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
10	L	27+70±	47.37 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
11	L	27+15±	53.99 RT	STD 848.06 (SHEET 1 OF 13)
12	L	27+43±	53.99 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
13	L	27+55±	53.55 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
14	L	27+72±	53.34 RT	STD 848.06 (SHEET 1 OF 13)

GRAPHIC SCALE PLAN
50′ 0′ 50′ 100′

NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

SEE PMP–2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

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Charlotte, NC 28203
NC License Number F-0991

TIP NO.	SHEET NO.
U-4714BA	PMP-5

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MATCHLINE –L– STA. 29+00 (SHEET PMP-4)

MATCHLINE –L– STA. 43+00 (SHEET PMP-6)

BRYSON RD (SR 1387) -Y5-

CHESTNUT PARKWAY -Y6-

OLD MONROE RD (SR 1009)

K-LINE RD (SR 1435) -Y4-

950'± SEE NOTE 1

BEGIN T61 END T61 –Y5– STA. 12+75±
BEGIN T62 END T62 –Y5– STA. 12+90±
BEGIN T10 & T40 –L– STA. 32+48±
BEGIN T62 –L– STA. 32+13±
END T5, T1 & T14 BEGIN T10 –L– STA. 32+05±
END T10 BEGIN T14 & T61 –L– STA. 31+55±
BEGIN T5 –L– STA. 30+35±
END T10 –Y5– STA. 12+37±
END T40 & BEGIN T10 –L– STA. 32+81±
BEGIN T61 –L– STA. 32+84±
BEGIN T61, T10 & T42 END T61 –L– STA. 33+31±
END T10 & T1 BEGIN T40 & T51 –L– STA. 33+20±
END T40 & T51 BEGIN T2 –L– STA. 36+57±
BEGIN T2 & T61 END T5 & T61 –Y6– STA. 13+13±
END T2 BEGIN T4 –L– STA. 37+07±
BEGIN T62 END T62 –Y6– STA. 13+25±
END T3, T4, T10 & MF BEGIN T5 –L– STA. 38+65±
END T2 BEGIN T3 –Y6– STA. 11+86±
END T3 & T10 TIE TO EXISTING MARKINGS –Y6– STA. 12+85±
BEGIN T3 & T10 –Y6– STA. 13+26±
END T2 BEGIN T4 –L– STA. 42+31±
BEGIN T2, T3, T61 & MF END T61 –L– STA. 39+82±
END T40 , T51 & MF BEGIN T10 & T1 –L– STA. 31+05±
BEGIN T62 –Y4– STA. 10+56±
BEGIN T10 & T40 –L– STA. 31+65±
BEGIN T61 END T61 –Y4– STA. 10+70±
END T10 –Y4– STA. 11+13±
END T10 BEGIN T4 & MF –L– STA. 33+20±
BEGIN T5, T10 & T52 END T61 –L– STA. 32+96±
END T14 BEGIN T3, T10 & MF –L– STA. 32+89±
END T10 BEGIN T5 & T14 –L– STA. 32+34±
END T62 –Y4– STA. 10+56±
END T40 BEGIN T10 –L– STA. 31+97±
END T5 –L– STA. 33+99±
END T5 –L– STA. 34+36±
END T4 BEGIN T2 –L– STA. 34+20±
END T2 BEGIN T40 & T51 –L– STA. 35+40±
END T40, T51 & MF BEGIN T1 –L– STA. 38+15±
END T61 –L– STA. 39+32±
BEGIN T61 END T4, T10, T52 & MF –L– STA. 39+07±

NOTE 1: REPLACE WITH T2 – THERMOPLASTIC (4") WHITE SOLID LANE AND T3 – THERMOPLASTIC (4") 10' WHITE SKIP FOR 950'±. REMOVE ALL EXISTING LANE DROP MARKINGS.

CR No.	ALIGN.	STATION	OFFSET	CURB RAMP TYPE
15	L	32+48±	63.10 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
16	L	32+48±	63.10 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
17	L	32+64±	63.96 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
18	L	32+77±	63.22 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
19	L	32+98±	64.02 LT	STD 848.06 (SHEET 1 OF 13)
20	L	32+18±	19.43 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
21	L	32+20±	19.47 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
22	L	31+42±	60.77 RT	STD 848.06 (SHEET 1 OF 13)
23	L	31+67±	60.86 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
24	L	31+79±	61.39 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
25	L	31+96±	60.49 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
26	L	32+23±	45.43 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
27	L	38+80±	71.13 LT	STD 848.06 (SHEET 1 OF 13)
28	L	39+70±	60.12 LT	STD 848.06 (SHEET 1 OF 13)

NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

★ PROPOSED SIGNAL

GRAPHIC SCALE PLAN
50' 0' 50' 100'

SEE PMP–2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

8/25/2026
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Charlotte, NC 28203
NC License Number F-0991

TIP NO.	SHEET NO.
U-4714BA	PMP-6

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DATE: 10/12/2026

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MATCHLINE -L- STA. 43+00 (SHEET PMP-5)

MATCHLINE -L- STA. 57+00 (SHEET PMP-7)

WILLIAMS RESCUE RD(SR 1390)

-Y7-

45

50

55

KEOWEE CIR

OLD MONROE RD (SR 1009)

-L-

-Y8-

CHESTNUT LN

-Y9-

WOODLAND RD

END T10
-Y7- STA. 11+07±

BEGIN T61 END T61
-Y7- STA. 11+42±

BEGIN T62 END T62
-Y7- STA. 11+45±

BEGIN T5
-L- STA. 43+84±

END T40 BEGIN T10
-L- STA. 44+70±

END T5 BEGIN T10 & T40
-L- STA. 44+21±

BEGIN T10 & T40
-L- STA. 45+09±

END T62
-Y8- STA. 10+57±

BEGIN T62
-Y8- STA. 10+48±

BEGIN T61 END T61
-Y8- STA. 10+68±

END T10
-Y8- STA. 11+08±

END T40 BEGIN T10
-L- STA. 45+36±

END T4 & MF
-L- STA. 47+25±

END T2 BEGIN T40 & T51
-L- STA. 49+08±

BEGIN T4 & MF
-L- STA. 46+30±

END T4 BEGIN T2
-L- STA. 47+30±

END T1 & T5 BEGIN T10
-L- STA. 52+78±

END T10 BEGIN T61
-L- STA. 52+31±

BEGIN T3 & MF
-L- STA. 52+08±

END T40, T51 & MF BEGIN T1 & T10
-L- STA. 51+82±

BEGIN T5
-L- STA. 50+60±

BEGIN & END T61
-L- STA. 51+66±

BEGIN T62
-L- STA. 51+88±

BEGIN T10 & T40
-L- STA. 52+13±

BEGIN T61 END T61
-Y9- STA. 10+69±

END T10
-Y9- STA. 11+03±

END T61
-L- STA. 53+22±

END T62
-L- STA. 53+21±

BEGIN T61
-L- STA. 53+10±

BEGIN T1
-L- STA. 53+15±

BEGIN T62
-L- STA. 53+01±

BEGIN T2, T3, T5, T61 & MF END T61
-L- STA. 53+32±

END T4, T1, T10 & T61 BEGIN T10 & T1
-L- STA. 52+67±

END T62
-L- STA. 52+43±

END T40 & BEGIN T10
-L- STA. 52+39±

BEGIN T62
-L- STA. 53+60±

END T1 & T10 BEGIN T40, T51 & MF
-L- STA. 53+62±

END T62
-L- STA. 53+92±

END T5
-L- STA. 54+19±

END T4 , T3 & MF BEGIN T2, T40 & T51
-L- STA. 56+92±

BEGIN T4
-L- STA. 55+91±

END T2, T40 & T51 BEGIN T4
-L- STA. 56+37±

CR No.	ALIGN.	STATION	OFFSET	CURB RAMP TYPE
29	L	44+22±	71.69 LT	STD 848.06 (SHEET 1 OF 13)
30	L	44+36±	70.07 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
31	L	44+45±	69.01 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
32	L	44+68±	69.94 LT	STD 848.06 (SHEET 1 OF 13)
33	L	44+80±	56.82 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
34	L	45+07±	56.86 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
35	L	45+17±	57.65 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
36	L	45+34±	56.42 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
37	L	53+05±	53.90 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
38	L	53+21±	51.50 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
39	L	53+59±	53.86 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
40	L	53+86±	50.60 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
41	L	51+91±	58.94 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
42	L	52+13±	57.89 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
43	L	52+24±	59.23 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
44	L	52+39±	60.62 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED

NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

★ PROPOSED SIGNAL

GRAPHIC SCALE PLAN
50′ 0′ 50′ 100′

SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

8/25/2026
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cgroves

Docusign Envelope ID: 377B2351-5544-8B32-83DF-18AA537D517D

8/17/99

CR No.	ALIGN.	STATION	OFFSET	CURB RAMP TYPE
45	L	57+19±	50.78 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
46	L	57+62±	49.62 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1A
47	L	58+99±	53.13 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1A
48	L	59+34±	51.42 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
49	L	58+70±	65.99 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
50	L	59+08±	65.01 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
51	L	60+37±	65.77 LT	STD 848.06 (SHEET 1 OF 13)
52	L	61+29±	70.42 LT	STD 848.06 (SHEET 9 OF 13) TYPE 3 MODIFIED
53	L	61+09±	16.75 LT	STD 848.06 (SHEET 12 OF 13) TYPE 7
54	L	60+41±	16.75 RT	STD 848.06 (SHEET 12 OF 13) TYPE 7
55	L	60+36±	67.19 RT	STD 848.06 (SHEET 3 OF 13)
56	L	60+48±	79.80 RT	STD 848.06 (SHEET 3 OF 13)
57	L	61+16±	73.82 RT	STD 848.06 (SHEET 3 OF 13)
58	Y10	11+81±	38.07 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
59	Y10	11+54±	38.38 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
60	Y10	11+53±	25.60 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
61	Y10	11+06±	17.63 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1
62	L	62+94±	61.19 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
63	L	63+34±	60.43 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
64	L	63+48±	50.42 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
65	L	63+81±	50.03 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
66	L	65+10±	60.16 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
67	L	65+48±	59.69 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
68	L	66+20±	50.56 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
69	L	66+58±	48.60 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
70	L	67+00±	50.35 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
71	L	67+28±	49.01 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
72	L	68+38±	46.70 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
73	L	68+84±	47.15 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
74	L	68+61±	44.53 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
75	L	68+98±	44.45 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
76	L	69+37±	44.38 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
77	L	69+52±	45.11 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
78	L	69+99±	42.78 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
86	L	65+74±	46.42 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
87	L	66+20±	45.06 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED

STV Engineers, Inc.
2151 Hawkins St., Suite 1400
Charlotte, NC 28203
NC License Number F-0991

TIP NO.	SHEET NO.
U-4714BA	PMP-7

APPROVED: Sean C. Stephens (DocuSigned by: 5E53F4AF7F0C4A4...)

DATE: 10/12/2026

SEAL

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NAD 83 / NA 2011

BEGIN T4 & T13
TIE TO EXISTING MARKINGS
–Y10– STA. 10+00±

- Y10 - WAXHAW-INDIAN TRAIL ROAD (SR 1008)

END T4 BEGIN T2
–Y10– STA. 10+99±

BEGIN T10
–Y10– STA. 11+46±

END T13
–Y10– STA. 11+43±

END T4
–L– STA. 58+37±

BEGIN T4
–L– STA. 62+81±

END T2 BEGIN T4, T3 & MF
–L– STA. 63+33±

END T4
–L– STA. 63+49±

BEGIN T4
–L– STA. 64+95±

END T4 & MF
–L– STA. 65+54±

END T4 & MF
–L– STA. 66+09±

END T4 & MF
–L– STA. 66+40±

END T4 BEGIN T2
–L– STA. 68+75±

SEE SHEET PMP-7A
FOR INTERSECTION
DETAIL

OLD MONROE RD (SR 1009)

END T40 & T51 BEGIN T2
–L– STA. 64+58±

END T2 BEGIN T4
–L– STA. 65+41±

END T10, T52 & MG
–L– STA. 65+86±

END T3 BEGIN T4 & MF
–L– STA. 67+15±

END T2 BEGIN T3
–Y10– STA. 16+19±

MATCHLINE –L– STA. 57+00 (SHEET PMP–6)

MATCHLINE –L– STA. 70+00 (SHEET PMP–8)

MATCHLINE –Y10– STA. 17+00 (SHEET PMP–10)

NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

★ PROPOSED SIGNAL

GRAPHIC SCALE PLAN
50′ 0′ 50′ 100′

SEE PMP–2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

10/8/2026
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Charlotte, NC 28203
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TIP NO.	SHEET NO.
U-4714BA	PMP-7A

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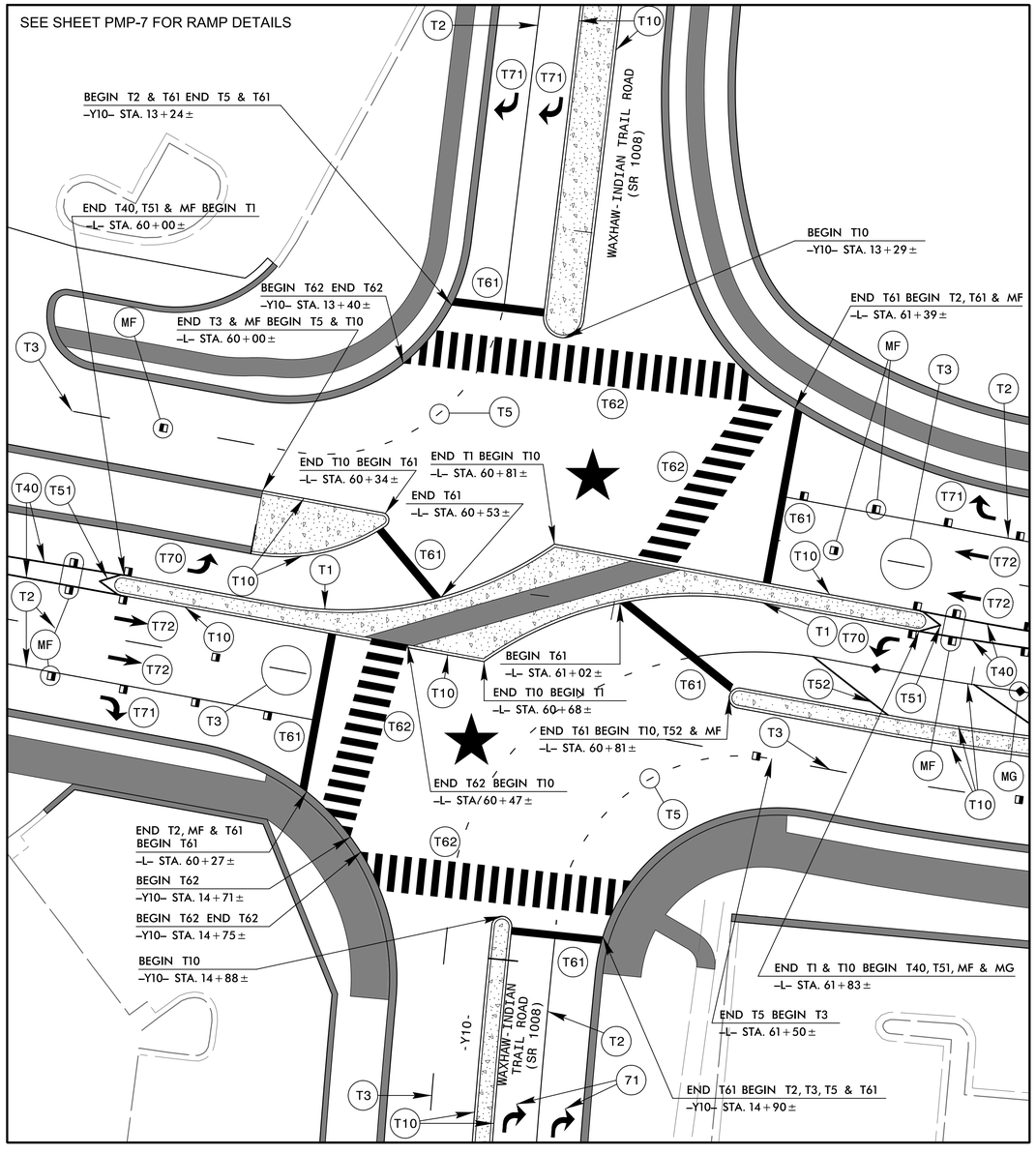
DATE: 10/12/2026

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NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

★ PROPOSED SIGNAL

GRAPHIC SCALE PLAN
20′ 0′ 20′ 40′

SEE PMP–2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

8/25/2026
8:27:41 AM
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Charlotte, NC 28203
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TIP NO.	SHEET NO.
U-4714BA	PMP-8

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DATE: 10/12/2026

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CR No.	ALIGN.	STATION	OFFSET	CURB RAMP TYPE
79	L	70+17±	43.51 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
80	L	71+06±	44.38 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
81	L	71+28±	45.43 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
82	L	74+13±	46.08 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
83	L	77+35±	46.15 RT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED

NAD 83 NA 2011

MATCHLINE –L– STA. 70+00 (SHEET PMP–7)

MATCHLINE –L– STA. 84+00 (SHEET PMP–9)

75

80

85

OLD MONROE RD (SR 1009)

GLENN VALLEY LN

END T4 BEGIN T2
–L– STA. 72+02±

END T2 BEGIN T40 & T51
–L– STA. 71+20±

BEGIN T5
–L– STA. 72+62±

END T3, T10 & MF
–L– STA. 73+64±

END T40 & T41 BEGIN T1 & T10
–L– STA. 73+95±

BEGIN T61
–L– STA. 73+66±

END T2 & MF BEGIN T10 & T40
–L– STA. 73+62±

END T61
–L– STA. 73+80±

END T1 BEGIN T10
–L– STA. 74+82±

END T40 & T10
–L– STA. 74+11±

BEGIN T1 & T51
–L– STA. 74+09±

END T5 & T10 BEGIN T13, T52 & ME
–L– STA. 74+92±

BEGIN T3 & T61 END T61
–L– STA. 75+36±

END T3 BEGIN T4
–L– STA. 76+22±

BEGIN T61 END T61
–L– STA. 77+16±

END T1 & T51
–L– STA. 77+37±

END T4
–L– STA. 77+22±

END T13 & T52
–L– STA. 77+27±

END T51
–L– STA. 79+22±

BEGIN & END T61
–L– STA. 78+95±

BEGIN T13 & T52
–L– STA. 77+94±

BEGIN T1
–L– STA. 77+84±

END T1, T13, & ME TIE TO EXISTING
–L– STA. 81+12±

NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

★ PROPOSED SIGNAL

GRAPHIC SCALE PLAN
50′ 0′ 50′ 100′

SEE PMP–2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

8/25/2026
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TIP NO.	SHEET NO.
U-4714BA	PMP-9

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DATE: 10/12/2026

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MATCHLINE –L– STA. 84+00 (SHEET PMP-8)

85 90 95

-Y12- SOUTHFORK RD (SR 1371)

-L- OLD MONROE RD (SR 1009)

-Y12- GARMON RD

-Y13- RADIO DR

END TIP PROJECT U-4714BA
BEGIN FUTURE TIP PROJECT U-4714BB

BEGIN TIP PROJECT U-4714BA
–LBA– POT STA. 17+74.95

FOR REFERENCE ONLY – NO PROPOSED PAVEMENT MARKINGS ON THIS SHEET

GRAPHIC SCALE PLAN
50′ 0′ 50′ 100′

NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

8/25/2026
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Charlotte, NC 28203
NC License Number F-0991

TIP NO.	SHEET NO.
U-4714BA	PMP-10

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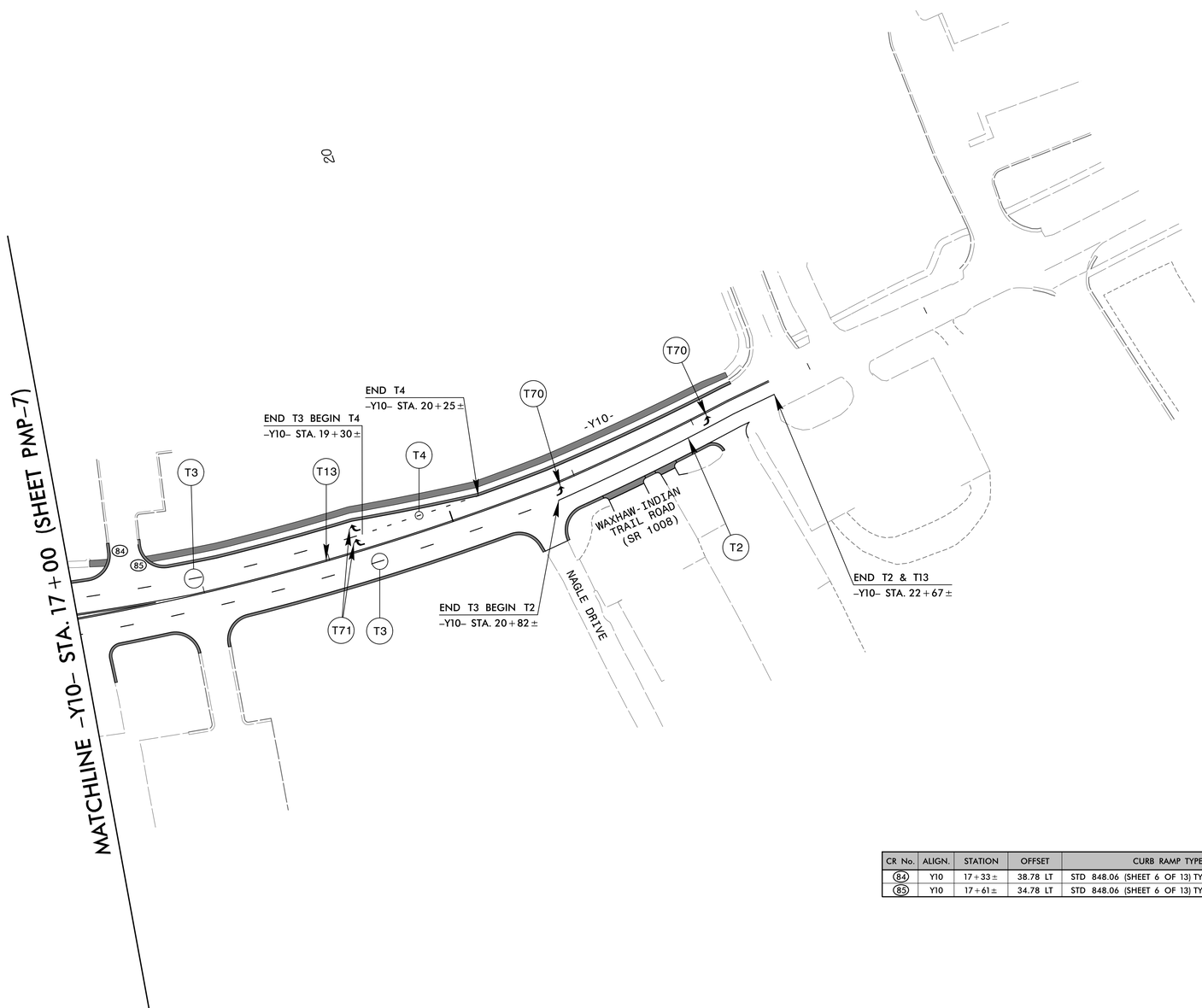
DATE: 10/12/2026

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NAD 83 NA 2011



CR No.	ALIGN.	STATION	OFFSET	CURB RAMP TYPE
(84)	Y10	17+33±	38.78 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED
(85)	Y10	17+61±	34.78 LT	STD 848.06 (SHEET 6 OF 13) TYPE 1 MODIFIED

GRAPHIC SCALE PLAN
50′ 0′ 50′ 100′

NOTE: ALL LANE WIDTHS ARE 12′ UNLESS OTHERWISE SHOWN.

SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING DETAIL

8/25/2026
15:51:16
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