

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CUMBERLAND COUNTY**

**LOCATION: GLENSFORD DRIVE (SR 1596) FROM RAEFORD ROAD
(US 401) TO CLIFFALE ROAD (SR 1400)**

TIP NO. U-4422	SHEET NO. PMP-1
APPROVED: <i>[Signature]</i>	
DATE: 3/29/12	
SEAL	

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 2012 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 - 2 LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSINGS
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES EXCLUDING SHEET 3 OF 8
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT

Pavement Marking Schedule
TIP Project # U-4422

SYMBOL	DESCRIPTION
FINAL	
PAVEMENT MARKINGS	
THERMOPLASTIC(16" & 24", 120 MIL)	
T1	WHITE LINE, RR X (16", 120 MIL)
T2	WHITE STOPBAR
T3	WHITE CROSSWALK LINE
THERMOPLASTIC(8", 120 MIL)	
T10	3 FT. - 3 FT./SP WHITE MINISKIP (12", 120 MIL)
TN	WHITE GORELINE (8", 90 MIL)
TO	WHITE DIAGONAL (8", 90 MIL)
TP	YELLOW DIAGONAL (8", 90 MIL)
THERMOPLASTIC(4", 120 MIL)	
T8	2 FT. - 6 FT./SP WHITE MINISKIP (4", 120 MIL)
TC	10 FT. WHITE SKIP
TD	3 FT. - 9FT./SP WHITE MINISKIP (4", 120 MIL)
TE	WHITE SOLID LANE LINE
TI	YELLOW DOUBLE CENTER
THERMOPLASTIC(4", 90 MIL)	
TA	WHITE EDGELINE
TB	YELLOW EDGELINE
SYMBOL DESCRIPTION	
THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MIL)	
UI	ALPHANUMERIC CHAR.
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MIL)	
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UD	COMBO. STRAIGHT/LEFT
UE	COMBO. STRAIGHT/RIGHT
UM	12" YIELD LINE TRIANGLE (90 MIL)

MARKERS

MB	PERMANENT RAISED PAVEMENT MARKERS CRYSTAL & RED
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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 |
|---------------|---------------|---------------|
| GLENSFORD DR. | THERMOPLASTIC | RAISED MARKER |
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
D) PASSING ZONE WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.

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

AYMAN I. ALQUDWAH P.E. SIGNING & DELINEATION REGIONAL ENGINEER

BARRY NOWLIN SIGNING & DELINEATION PROJECT DESIGN TECHNICIAN

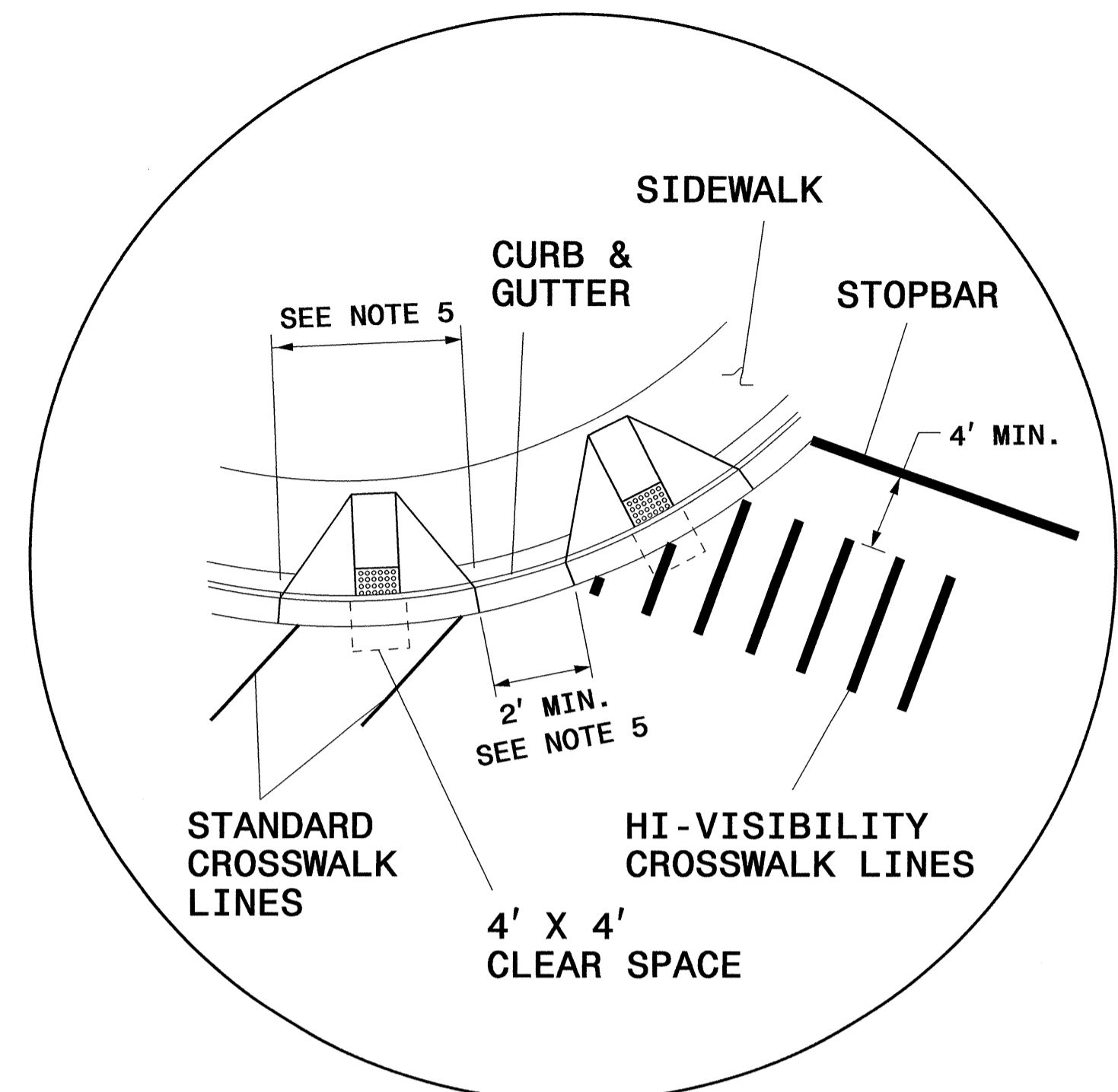
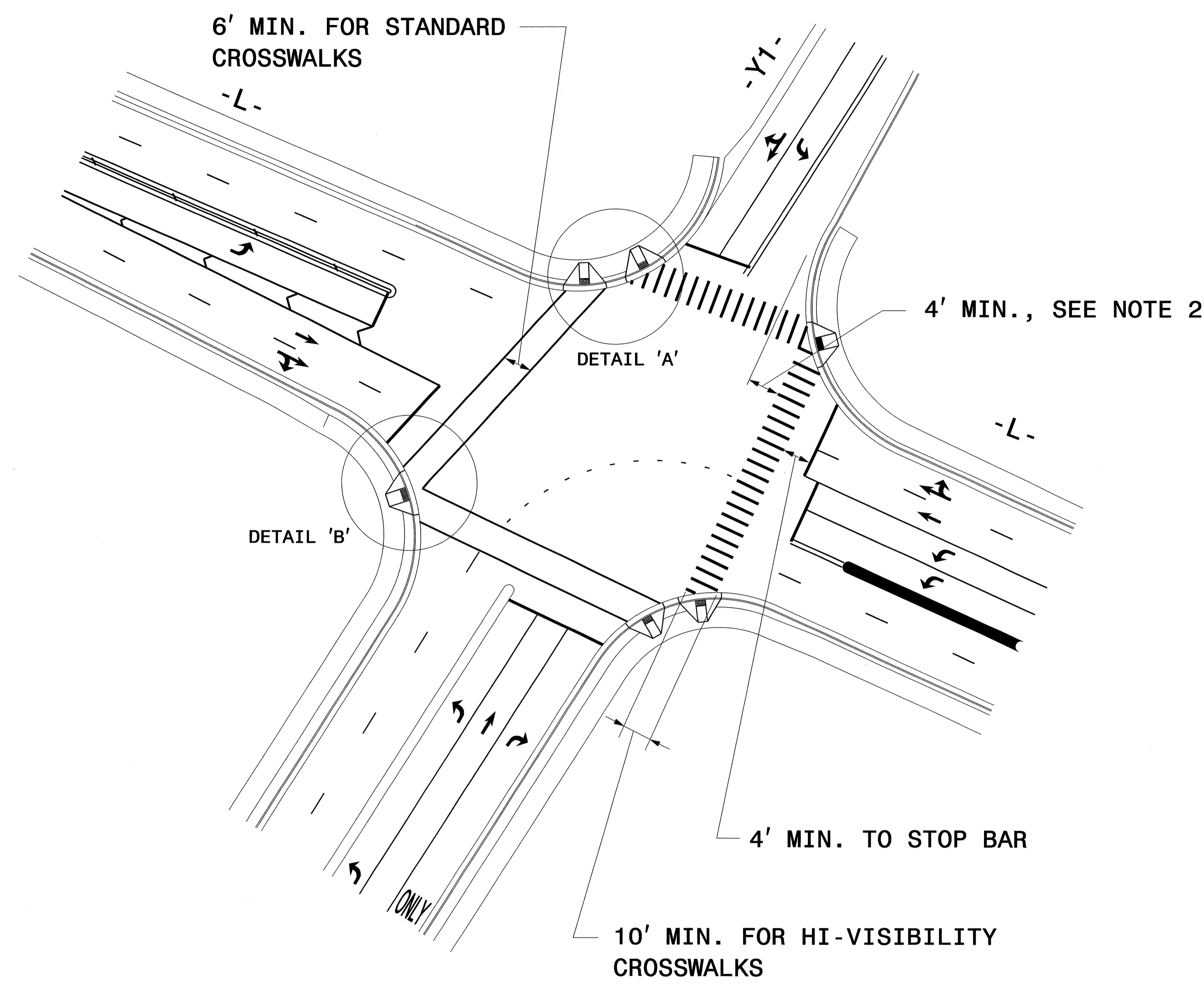
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SHEET NO.	DESCRIPTION
PMP-1	FINAL PAVEMENT MARKING PLAN COVER SHEET
PMP-2	CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL
PMP-2A	SYMBOLS AND WORD MESSAGES
PMP-3-7	FINAL PAVEMENT MARKING DETAIL

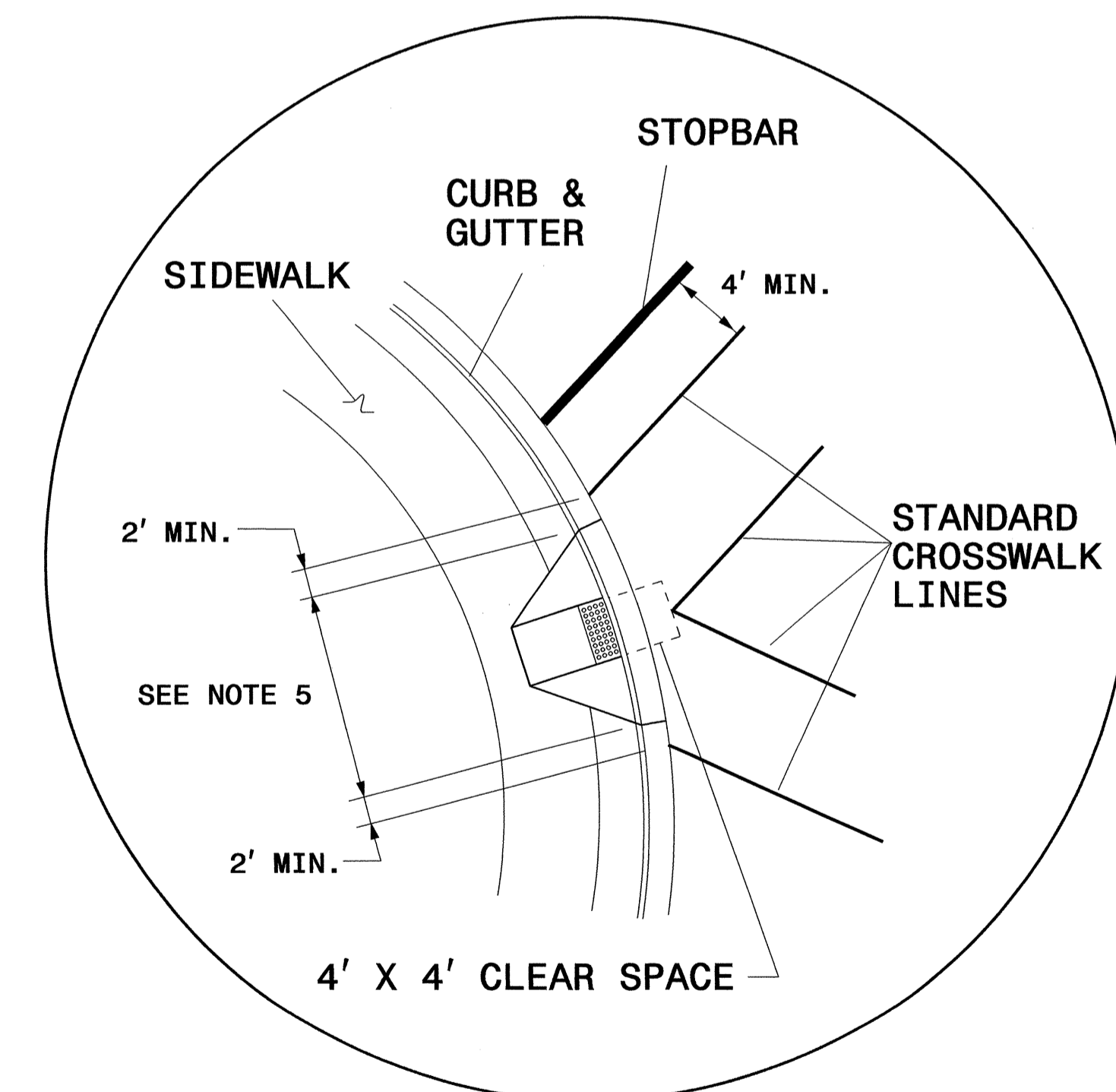
T.I.P.: U-4422

CONTRACT: C202825

TIP NO.	SHEET NO.
U-4422	PMP-2
APPROVED: <i>[Signature]</i>	
DATE: 3-13-12	
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DETAIL 'A'- DUAL CURB RAMPS



DETAIL 'B'- SINGLE DIAGONAL CURB RAMP

GUIDANCE DETAIL FOR STANDARD AND HI-VISIBILITY CROSSWALKS AT SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTIONS

1. USE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALKS AND STOP BARS NOT STATIONED ON THE DETAIL SHEETS OR WHEN FIELD ADJUSTMENTS REQUIRED MOVING STATIONED MARKINGS AS DIRECTED BY THE ENGINEER. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
2. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
3. BEYOND THE CURB FACE, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE CROSSWALK.
4. SINGLE DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 2 FEET LONG MINIMUM LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING, SEE DETAIL 'B'.
5. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.

CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL

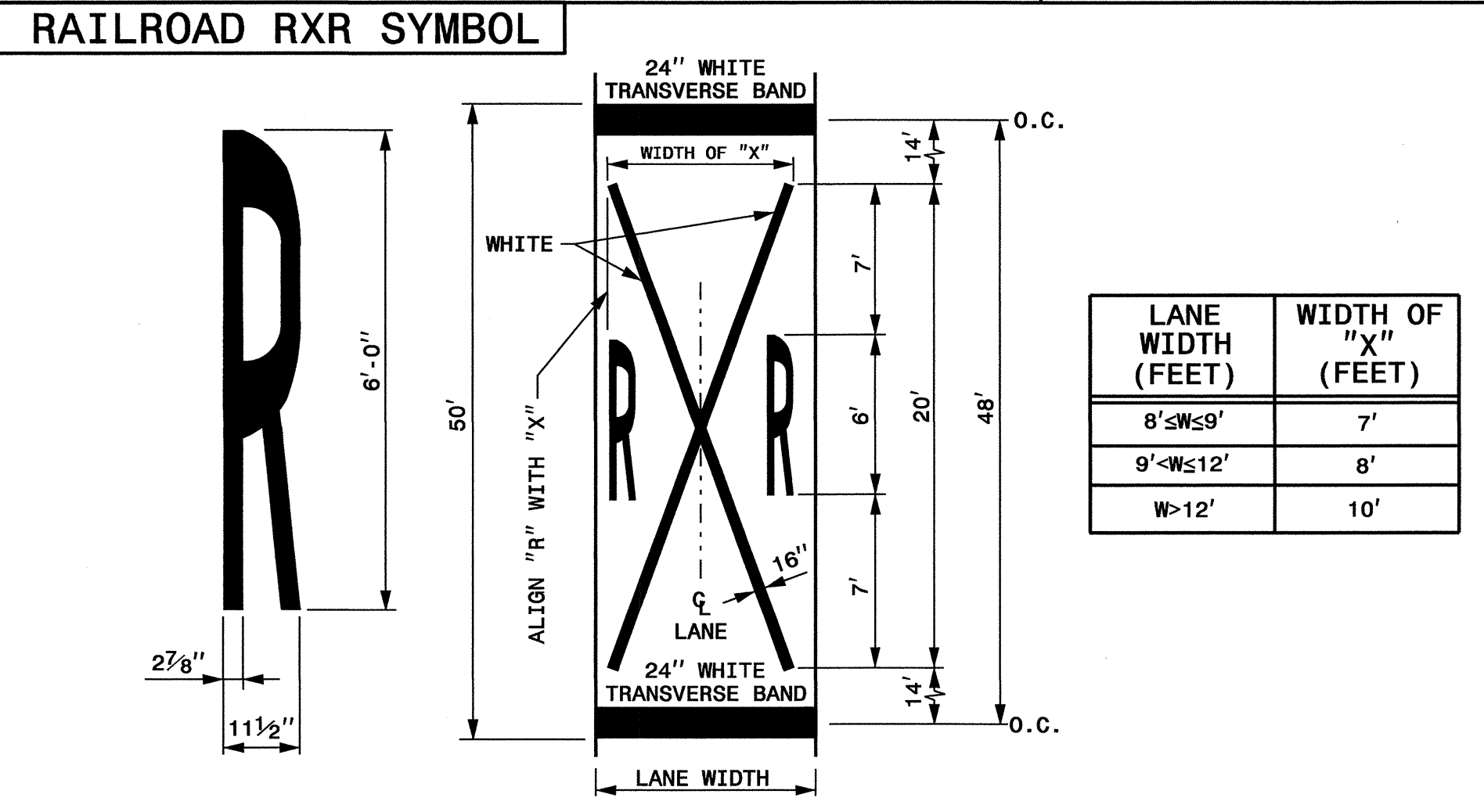
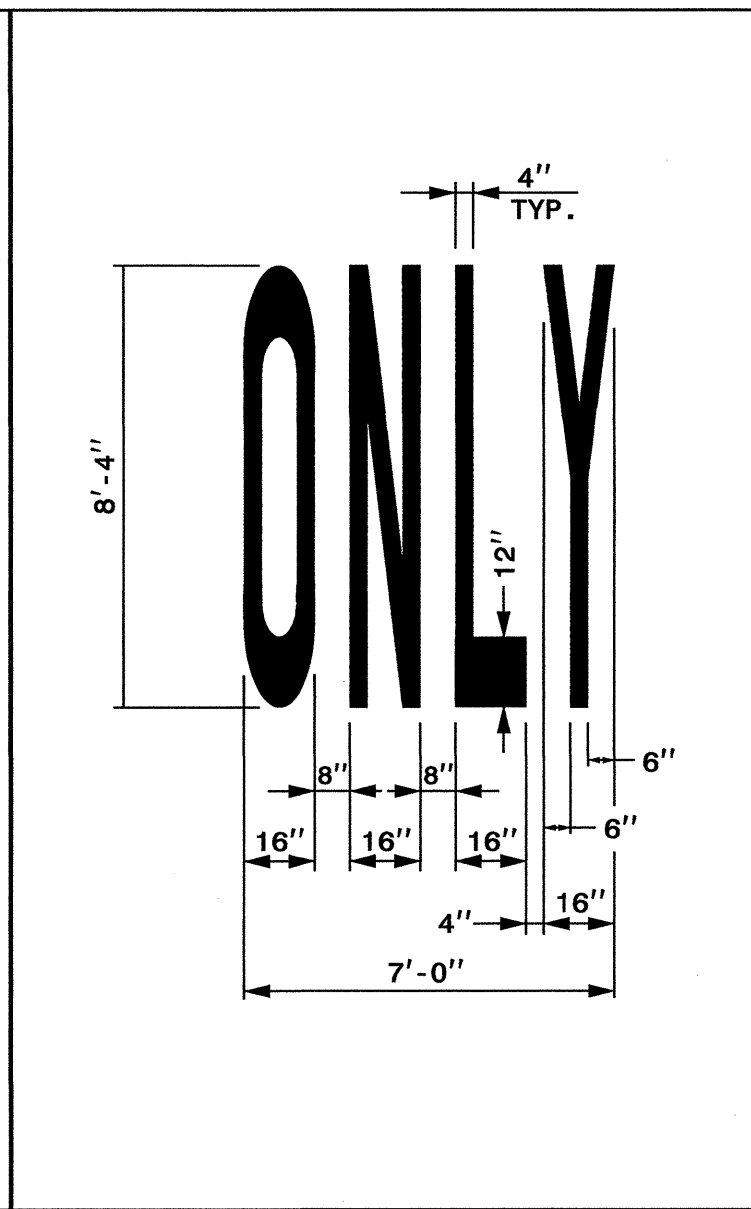
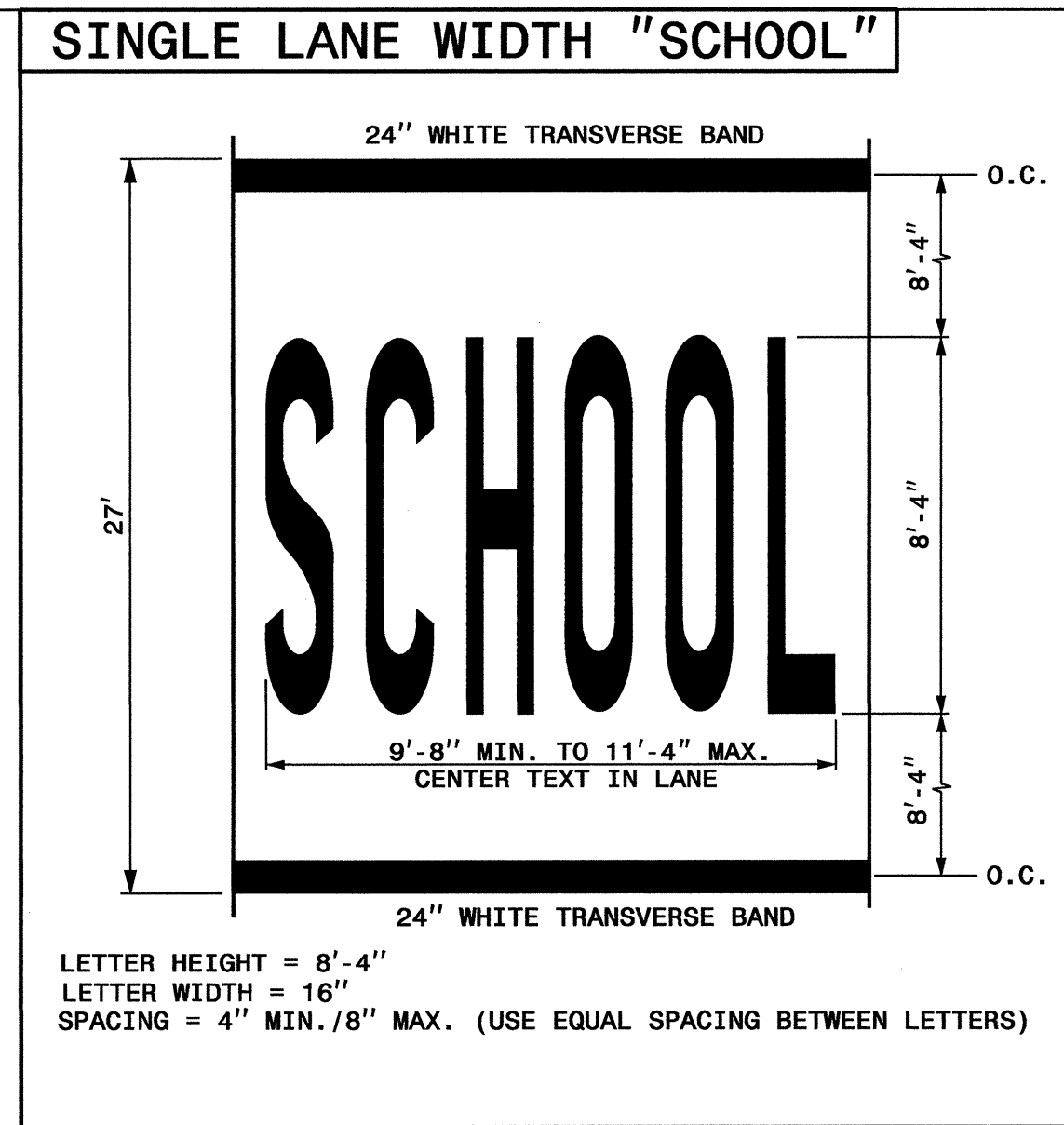
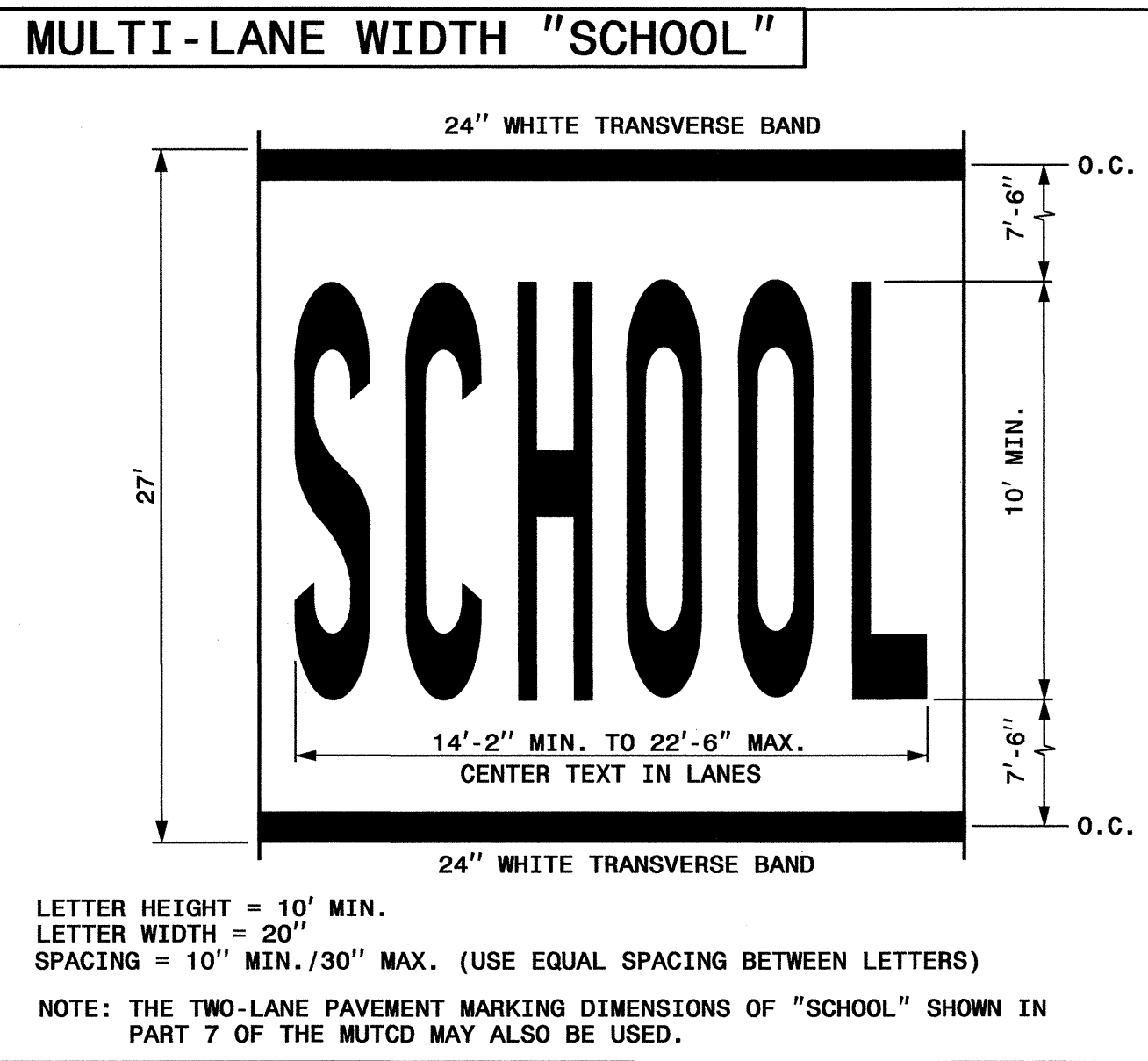
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STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08



GENERAL NOTES:

- THE SCHOOL PAVEMENT MARKING CONSISTS OF SIX (6) CHARACTERS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.10 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.
- PAVEMENT MARKING IN ADVANCE OF A HIGHWAY-RAIL CROSSING SHALL CONSIST OF TWO (2) CHARACTERS AND TWO (2) 16" LINES (FORMING AN X) WHICH ARE PAID FOR UNDER TWO SEPARATE PAY ITEMS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.11 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

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ENGLISH STANDARD DRAWING FOR
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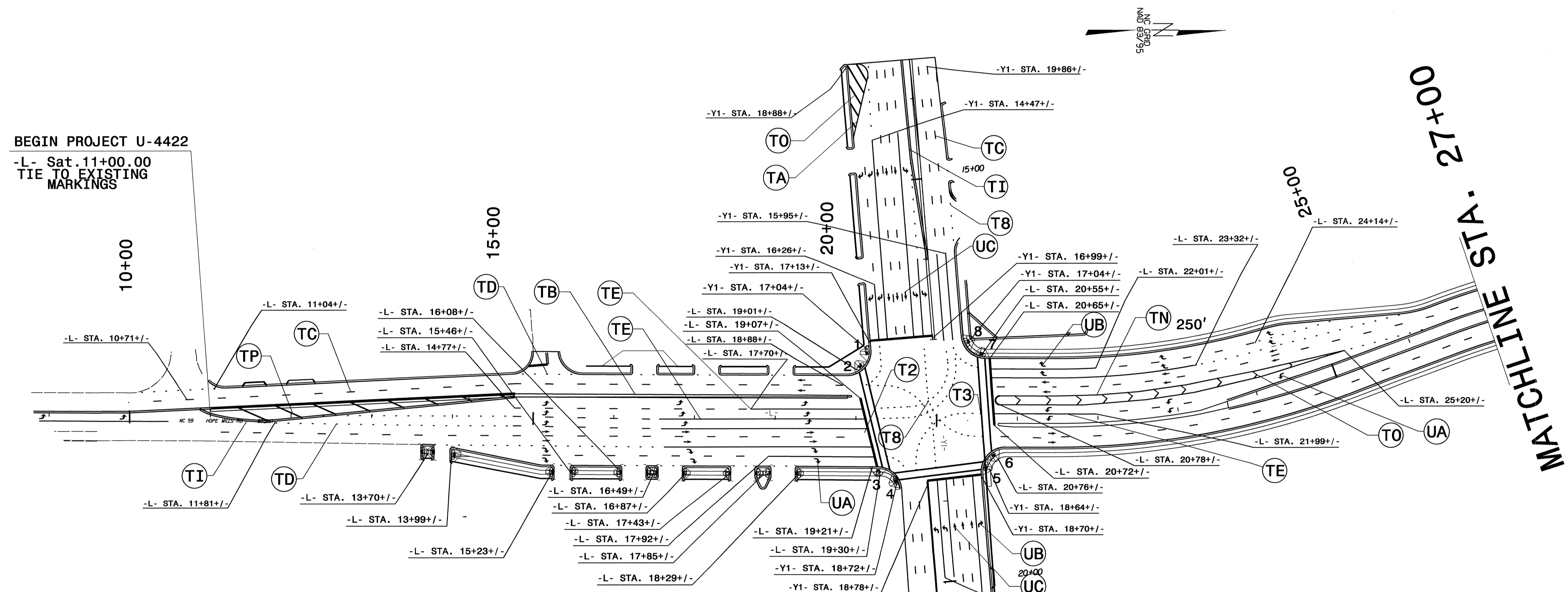
SHEET 3 OF 8
1205D08

PROJECT NOTES

SYMBOLS AND WORD MESSAGES

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TIP NO.	SHEET NO.
U-422	PMP-3
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DATE: 3/29/12	
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BEGIN PROJECT U-422
 -L- Sta. 11+00.00
 TIE TO EXISTING
 MARKINGS


(FOR INTERSECTION -L- & -Y1-)

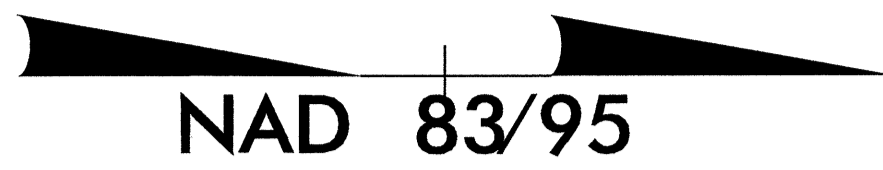
CURB RAMP LOCATIONS AND STYLE (CENTERLINE OF RAMP AT FACE OF CURB)	
1	-L- 19+16+/-
2	-L- 19+04+/-
3	-L- 19+19+/-
4	-L- 19+51+/-
5	-L- 20+65+/-
6	-L- 20+74+/-
7	-L- 20+56+/-
8	-L- 20+37+/-

FINAL PAVEMENT MARKING DETAIL

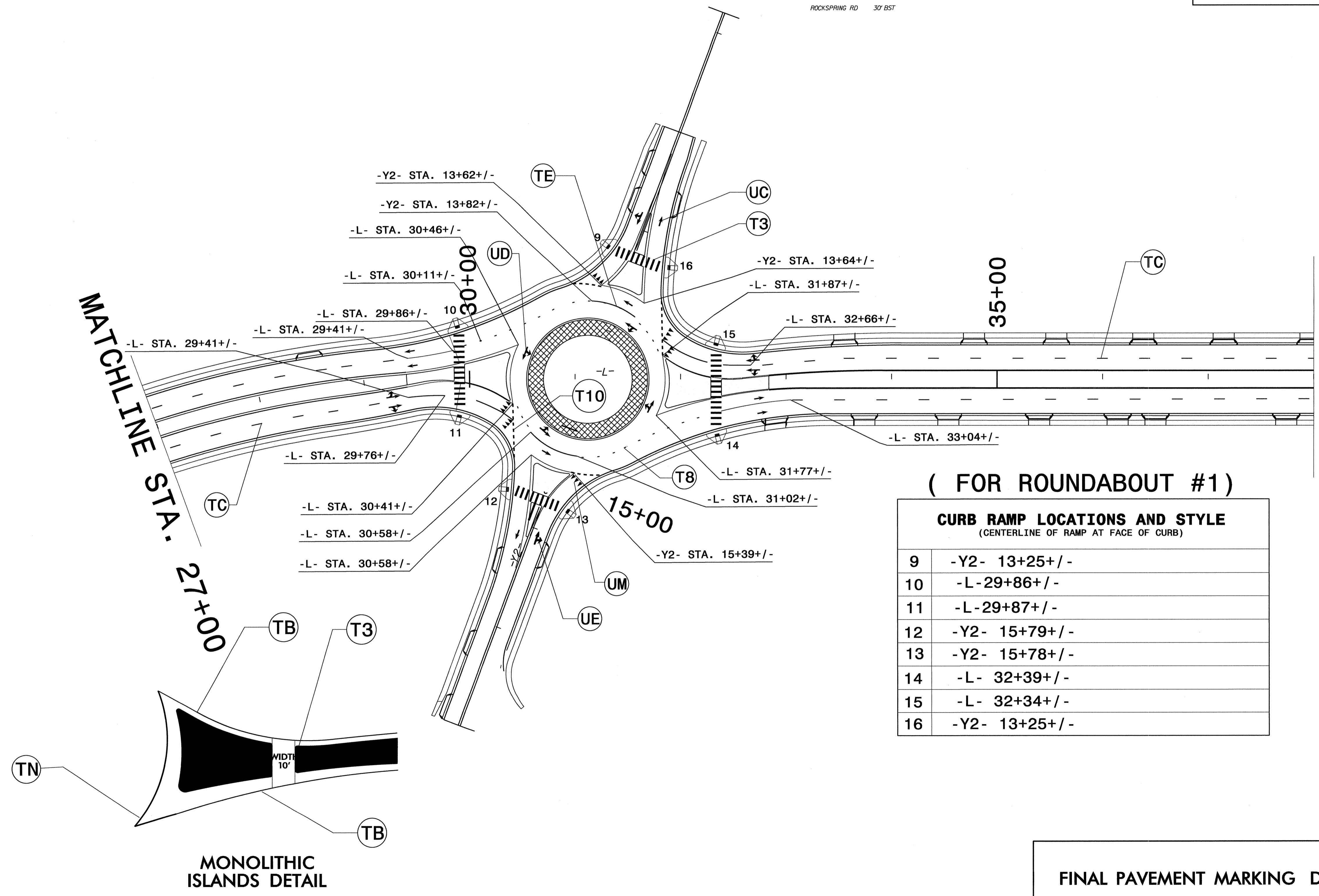
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TIP NO. U-4422	SHEET NO. PMP-4
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ROUNDAABOUT #1



(FOR ROUNDAABOUT #1)

CURB RAMP LOCATIONS AND STYLE (CENTERLINE OF RAMP AT FACE OF CURB)	
9	-Y2- 13+25+/-
10	-L- 29+86+/-
11	-L- 29+87+/-
12	-Y2- 15+79+/-
13	-Y2- 15+78+/-
14	-L- 32+39+/-
15	-L- 32+34+/-
16	-Y2- 13+25+/-

FINAL PAVEMENT MARKING DETAIL

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 J. ALLOUWINE

TIP NO.	SHEET NO.
U-4422	PMP-5
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ROUNABOUT #2

(FOR ROUNABOUT #2)

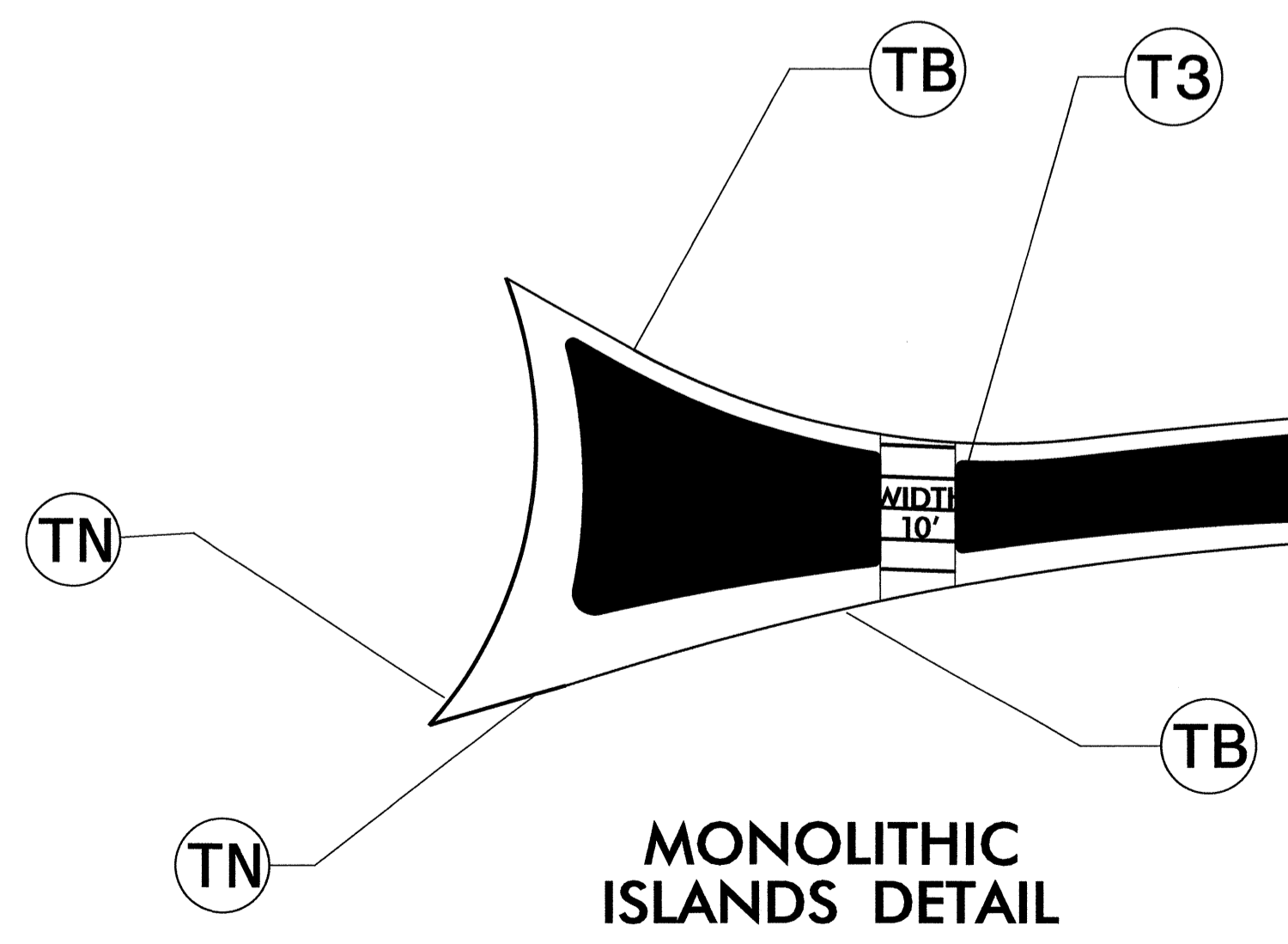
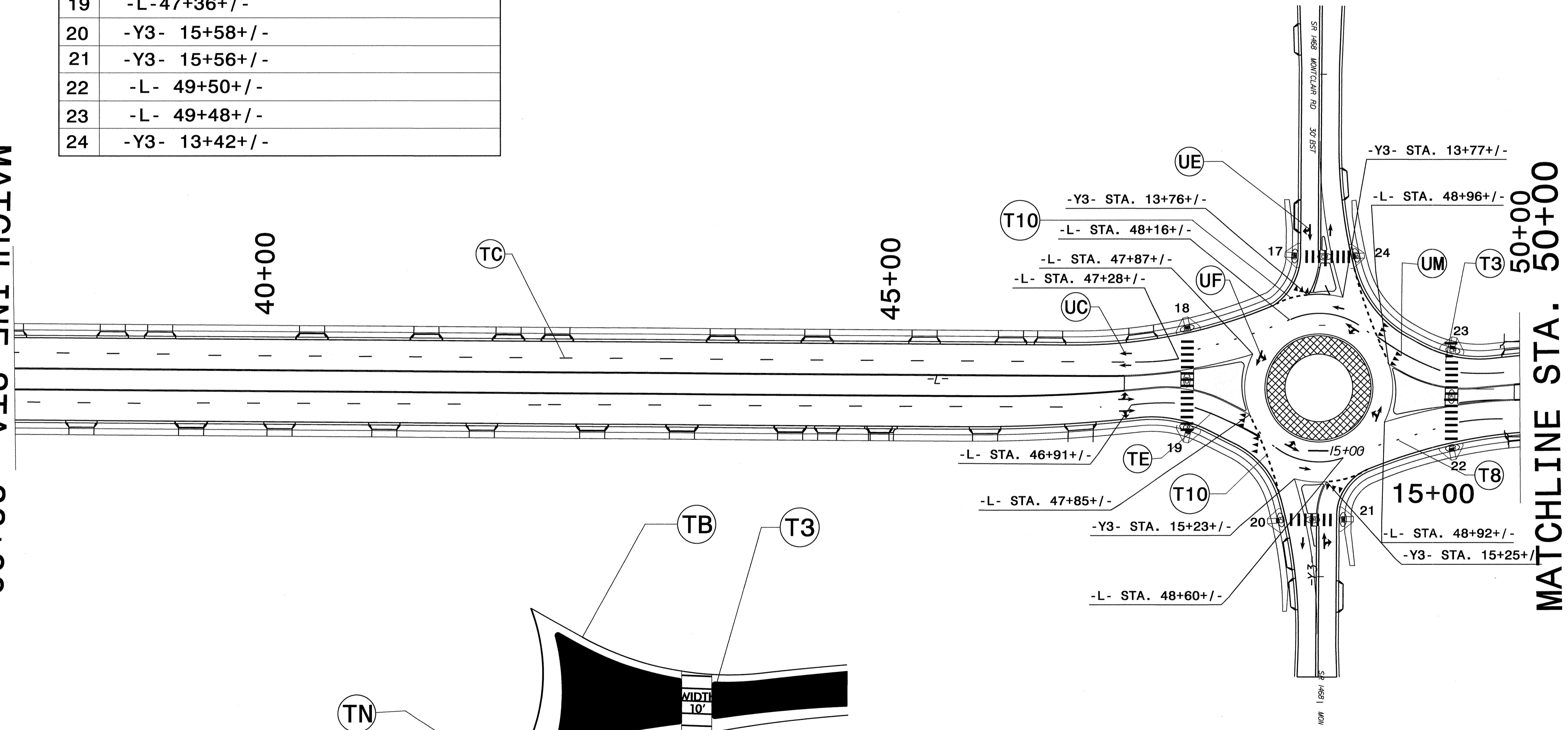
CURB RAMP LOCATIONS AND STYLE (CENTERLINE OF RAMP AT FACE OF CURB)	
17	-Y3- 13+43+/-
18	-L- 47+35+/-
19	-L- 47+36+/-
20	-Y3- 15+58+/-
21	-Y3- 15+56+/-
22	-L- 49+50+/-
23	-L- 49+48+/-
24	-Y3- 13+42+/-

MATCHLINE STA. 38+00

40+00

45+00

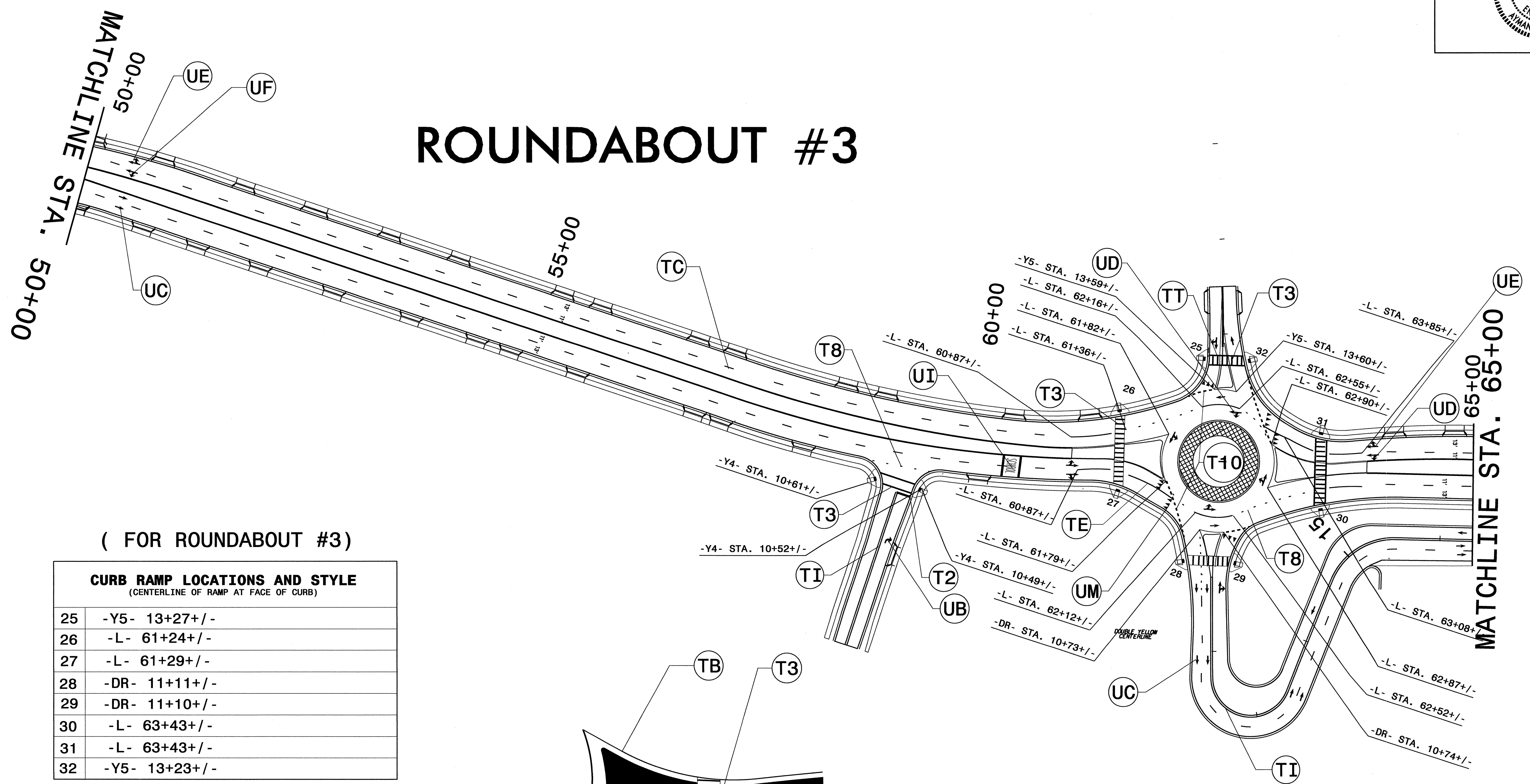
MATCHLINE STA. 50+00



FINAL PAVEMENT MARKING DETAIL

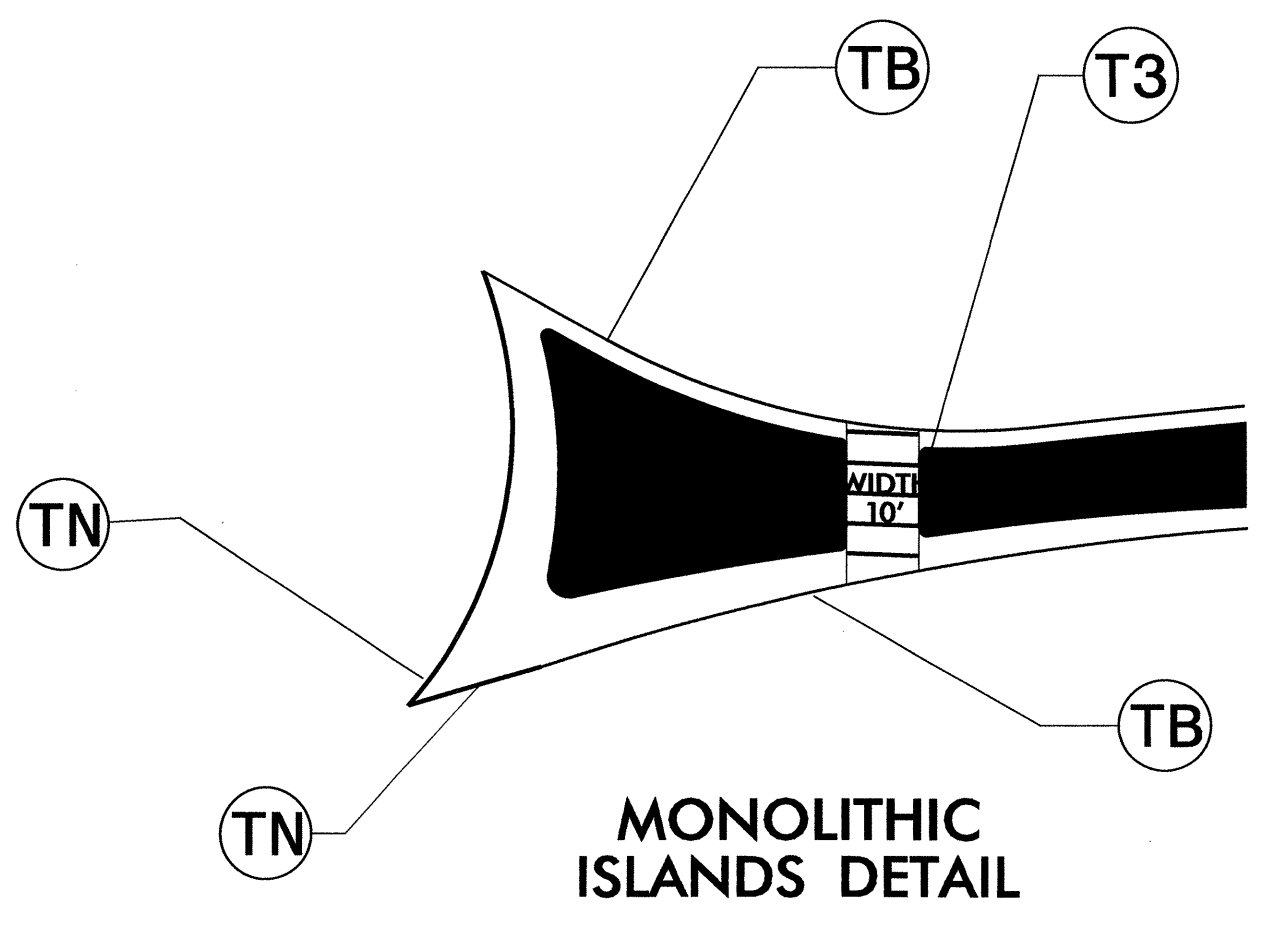
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ROUNDBABOUT #3



(FOR ROUNDABOUT #3)

CURB RAMP LOCATIONS AND STYLE (CENTERLINE OF RAMP AT FACE OF CURB)	
25	-Y5- 13+27+/-
26	-L- 61+24+/-
27	-L- 61+29+/-
28	-DR- 11+11+/-
29	-DR- 11+10+/-
30	-L- 63+43+/-
31	-L- 63+43+/-
32	-Y5- 13+23+/-



FINAL PAVEMENT MARKING DETAIL

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