


TIP NO.	SHEET NO.
U-3804	PMP-1
APPROVED: _____	
DATE: _____	
SEAL	



**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
DURHAM COUNTY**

**LOCATION: HILLDALE RD (SR 1321) FROM I-85
TO SR 1407 (CARVER STREET)**

T.I.P.: U-3804

CONTRACT: C202340

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 JULY 2006 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
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS - TEMPORARY AND PERMANENT
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

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
ALL	THERMOPLASTIC	RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOPBAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

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SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3-6	PAVEMENT MARKING DETAIL

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

RON KING, P.E. STATE SIGNING & DELINEATION ENGINEER
GEORGE TERLIZZI SIGNING & DELINEATION DESIGN ENGINEER

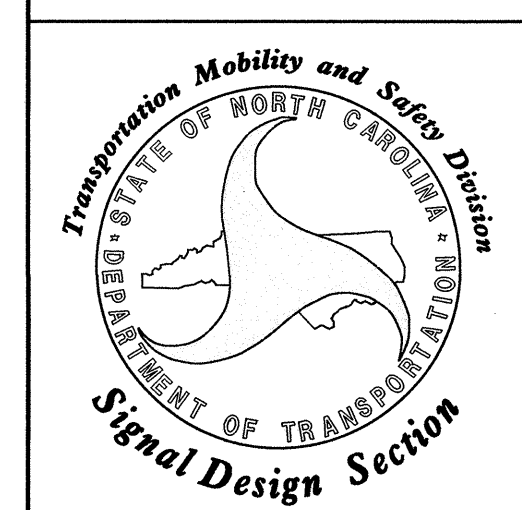
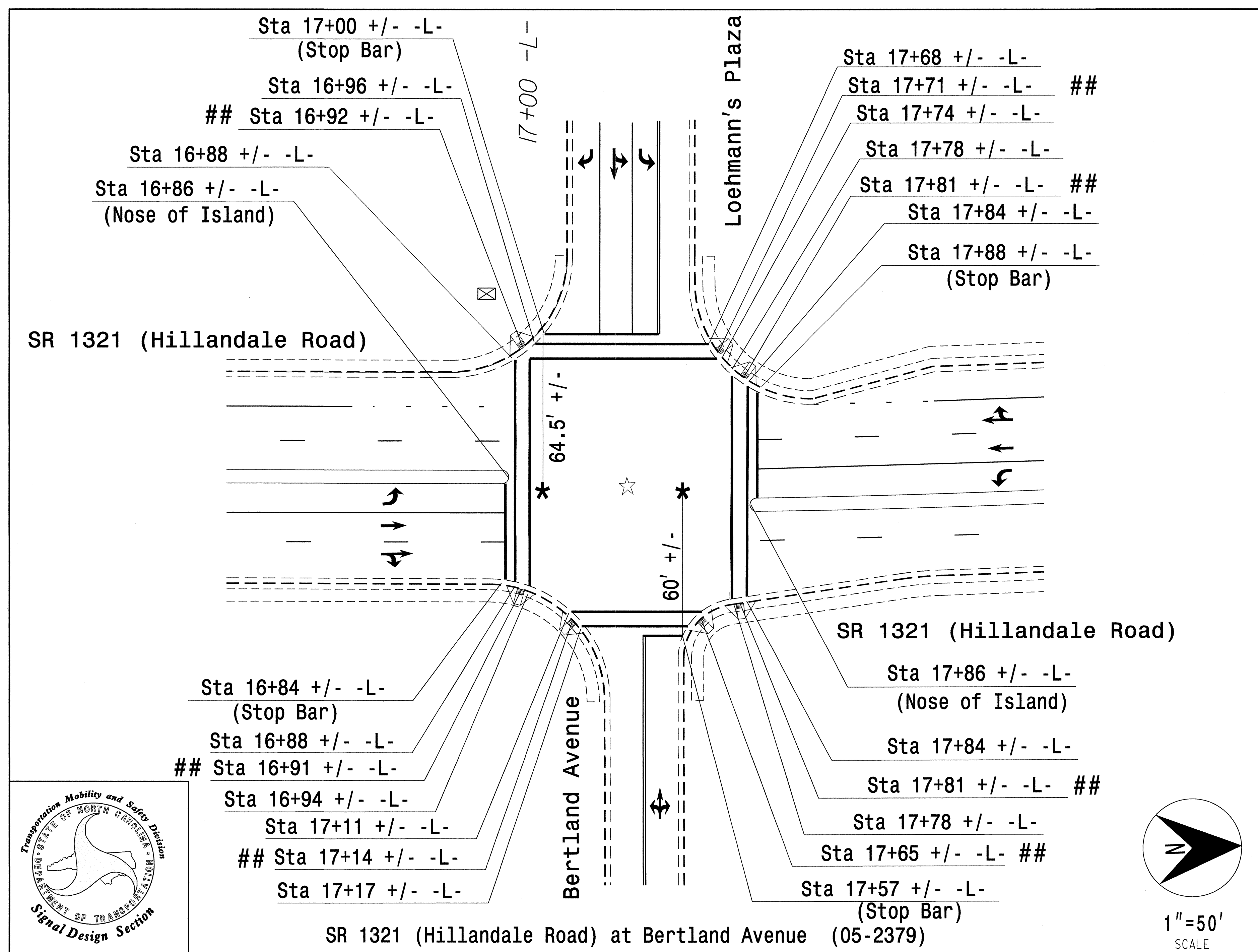
TIP NO. U-3804	SHEET NO. PMP-2
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SYMBOL	DESCRIPTION	FINAL PAVEMENT MARKINGS	PAY ITEM QUANTITY			TOTAL
T2	WHITE STOPBAR	THERMOPLASTIC (24", 120 MILS) Standard Glass Beads	387	LF	TOTAL	1586 LF
T3	WHITE CROSSWALK LINE		1199	LF		
TC	10 FT. WHITE SKIP	THERMOPLASTIC (4", 120 MILS) Standard Glass Beads	1562	LF	TOTAL	7810 LF
TD	2 FT. WHITE MINISKIP		480	LF		
TE	WHITE SOLID LANE LINE		1985	LF		
TF	10 FT. YELLOW SKIP		49	LF		
TI	YELLOW DOUBLE CENTER		3734	LF		
TA	WHITE EDGELINE	THERMOPLASTIC (4", 90 MILS) Standard Glass Beads	42	LF	TOTAL	4654 LF
TB	YELLOW EDGELINE		4612	LF		
TP	WHITE GORELINE	THERMOPLASTIC (8", 90 MILS) Standard Glass Beads	37	LF	TOTAL	343 LF
TT	YELLOW DIAGONAL		306	LF		
UI	ALPHANUMERIC CHAR.		19	EA		
UA	LEFT TURN ARROW	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS) Standard Glass Beads	16	EA	TOTAL	61 EA
UB	RIGHT TURN ARROW		12	EA		
UC	STRAIGHT ARROW		23	EA		
UD	COMBO. STRAIGHT/LEFT		1	EA		
UE	COMBO. STRAIGHT/RIGHT		8	EA		
UG	LEFT/RIGHT/STRAIGHT		1	EA		
MARKERS PERMANENT RAISED PAVEMENT MARKERS						
MA	YELLOW & YELLOW		23	EA	TOTAL	143 EA
MB	CRYSTAL & RED		120	EA		

PAVEMENT MARKING SCHEDULE

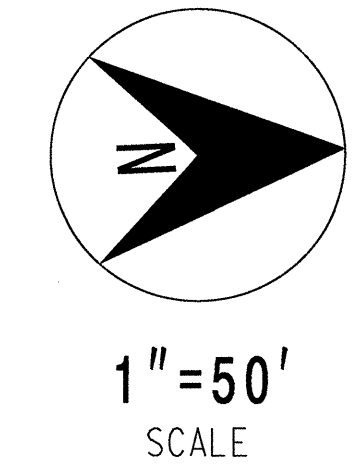
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TIP NO. U-3804	SHEET NO. SIGN-3A
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* Offset from -L- line to Stop Bar -Y- line
Center of Curb Ramp

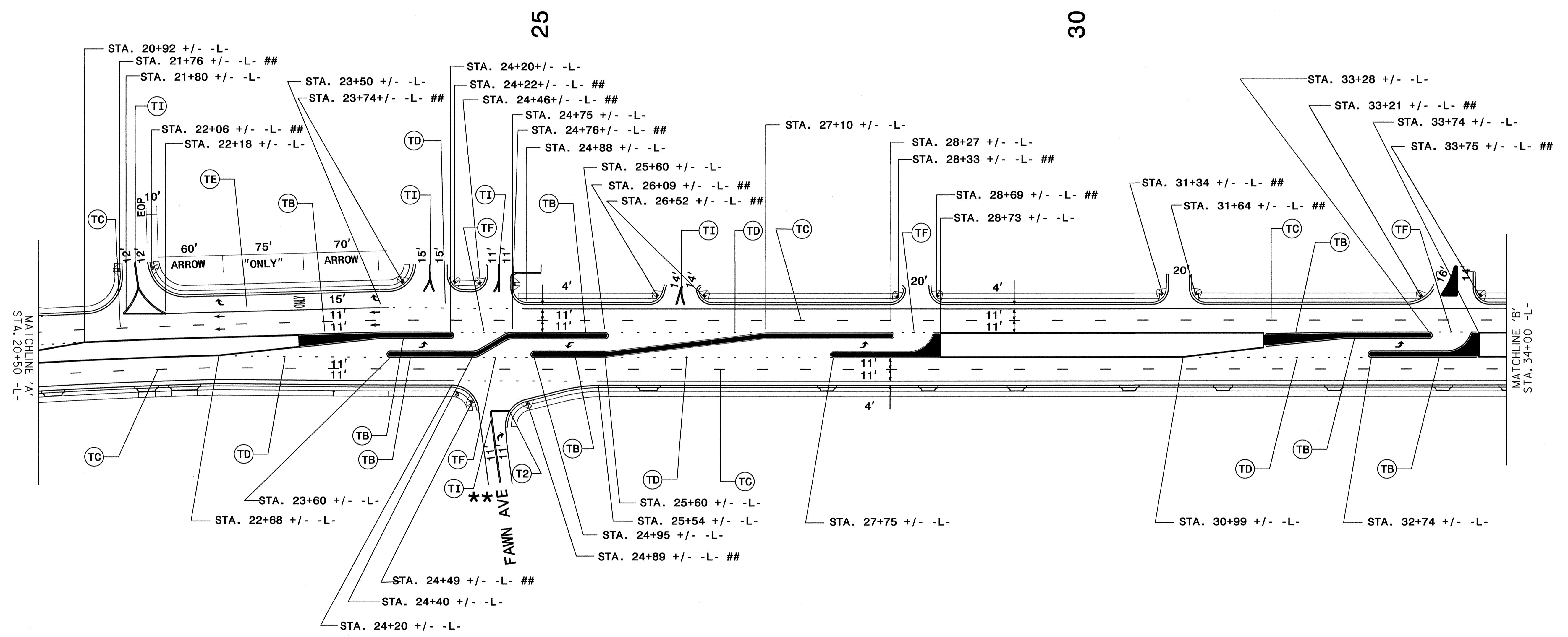
STOP BAR, CROSSWALK and CURB RAMP LOCATIONS



PAVEMENT MARKING DETAIL

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PROJECT NOTES:

****** TIE TO EXISTING PAVEMENT MARKINGS

CENTER OF CURB RAMP

ADJUST PLACEMENT OF SIDEWALKS TO MEET CURB RAMP PLACEMENT.

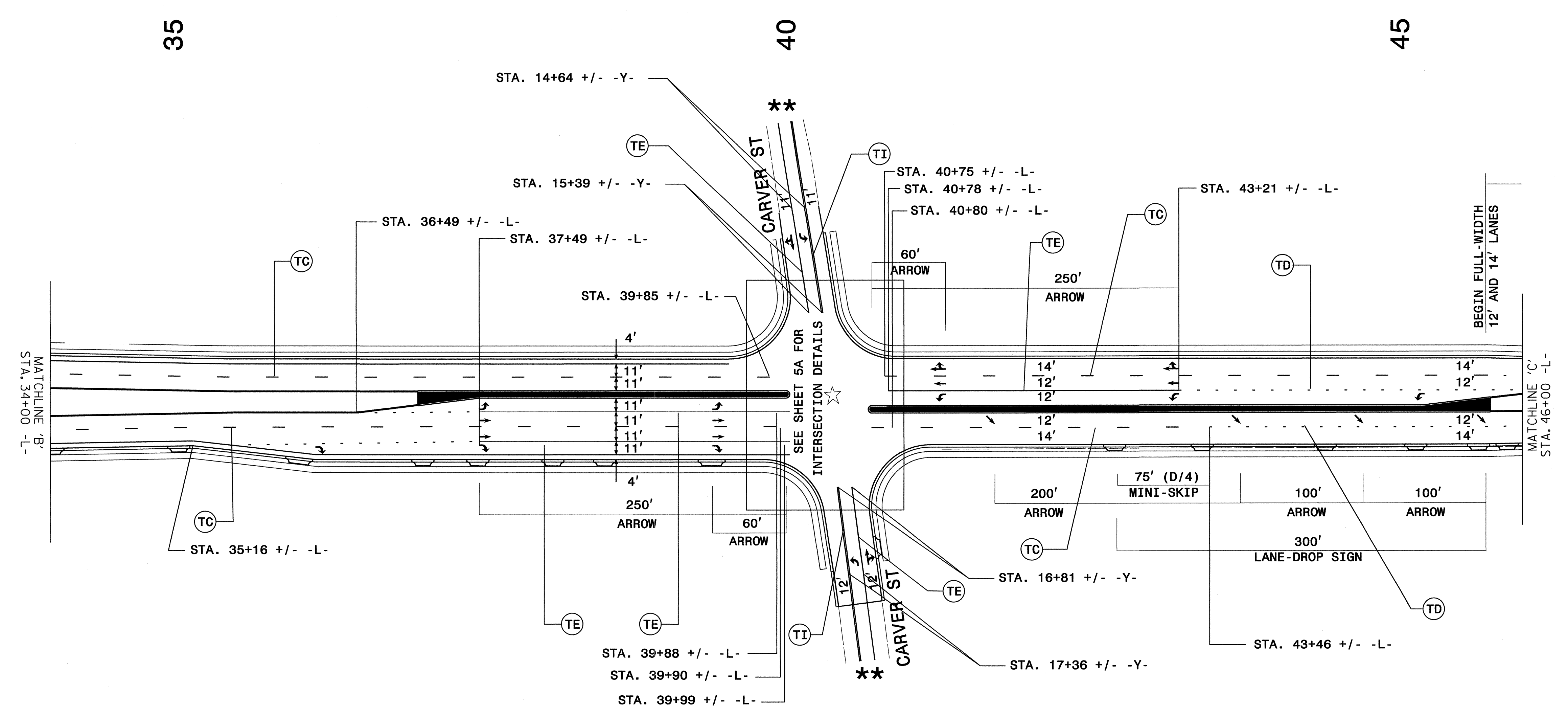
PLACEMENT OF STOP BARS AT NON-SIGNALIZED INTERSECTIONS IS OPTIONAL AND MAY BE FIELD ADJUSTED AS DIRECTED BY THE ENGINEER.

SYMBOL	DESCRIPTION
	UA LEFT TURN ARROW
	UB RIGHT TURN ARROW
	UC STRAIGHT ARROW
	UI ALPHANUMERIC CHAR.

NOT TO SCALE

PAVEMENT MARKING DETAIL

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PROJECT NOTES:

****** TIE TO EXISTING PAVEMENT MARKINGS

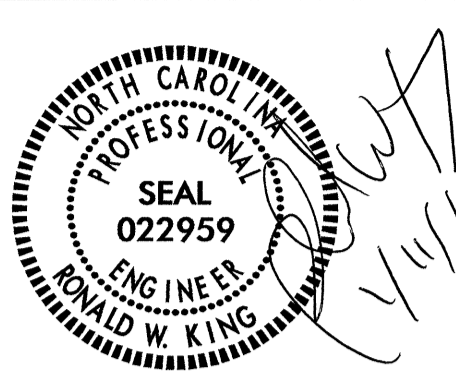
PLACEMENT OF STOP BARS AT NON-SIGNALIZED INTERSECTIONS IS OPTIONAL AND MAY BE FIELD ADJUSTED AS DIRECTED BY THE ENGINEER.

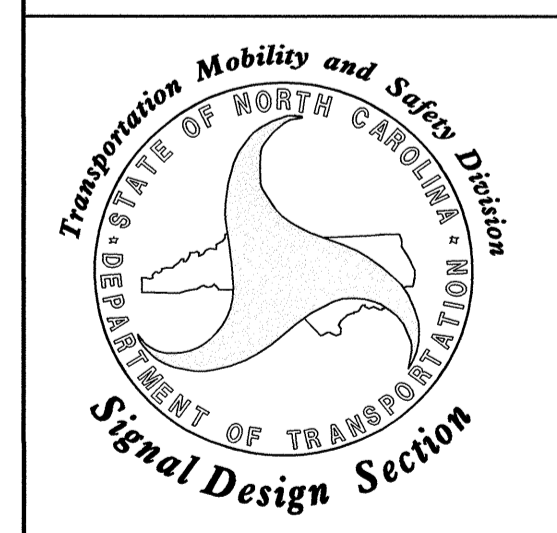
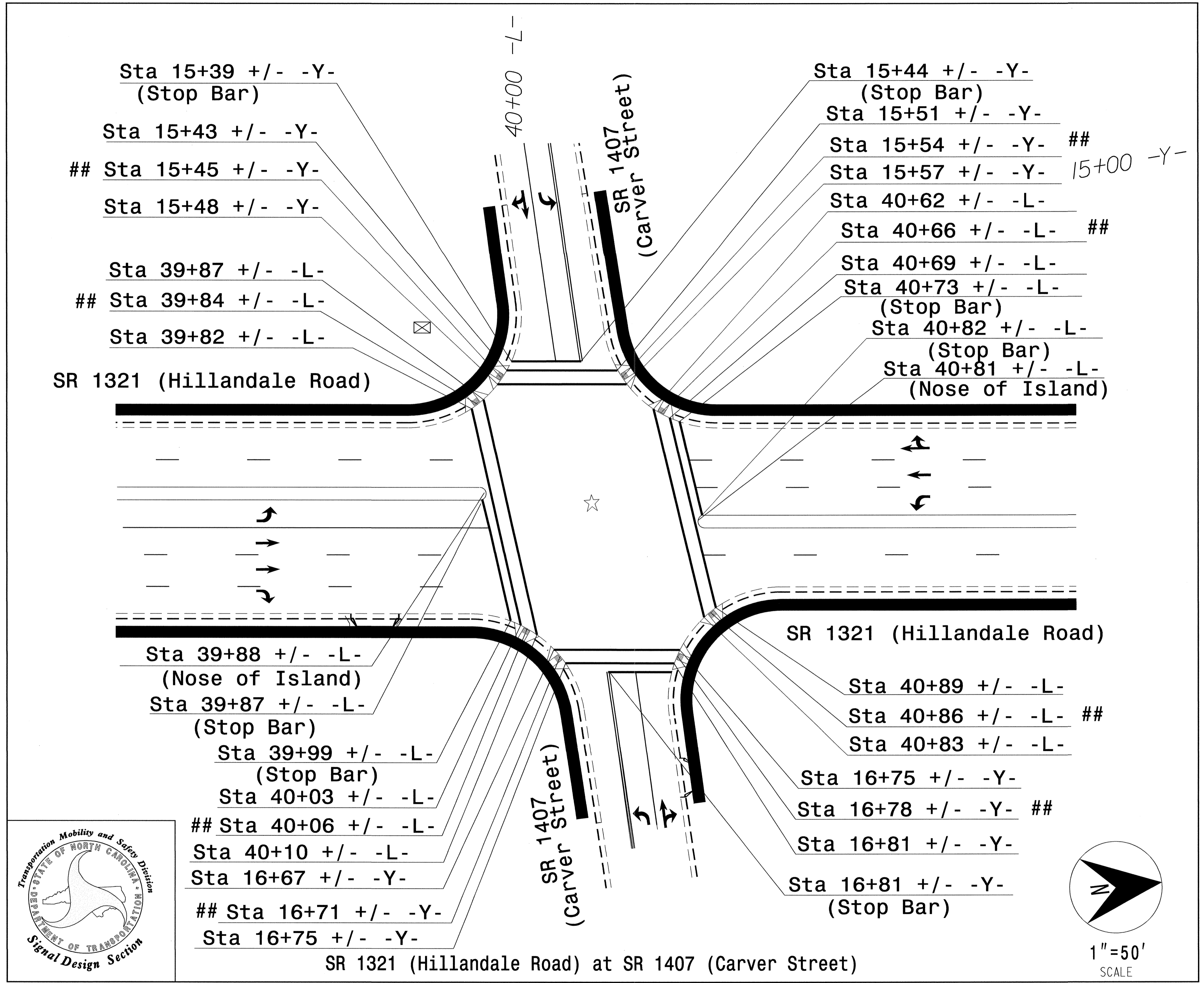
NOT TO SCALE

SYMBOL	DESCRIPTION
↶	UA LEFT TURN ARROW
↷	UB RIGHT TURN ARROW
↷	UC STRAIGHT ARROW
↷	UE COMBO. STRAIGHT/RIGHT ARROW

PAVEMENT MARKING DETAIL

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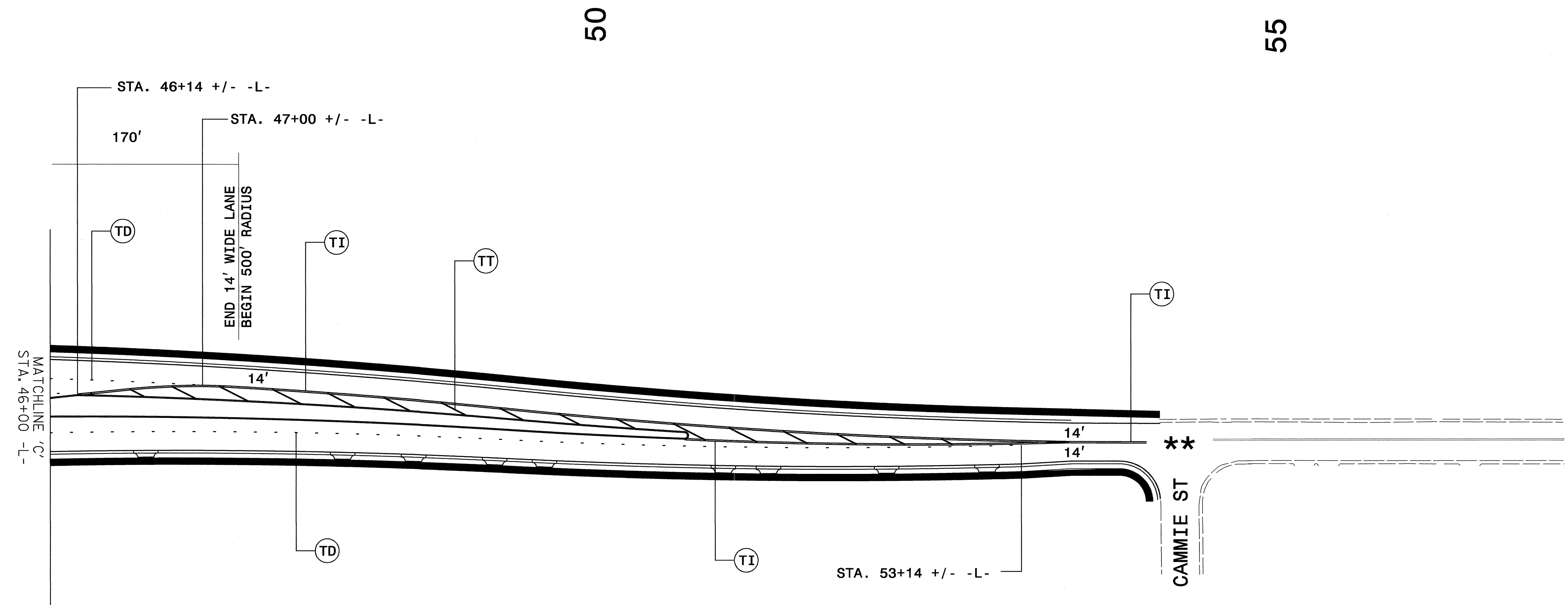


Center of Curb Ramp

STOP BAR, CROSSWALK and CURB RAMP LOCATIONS

PAVEMENT MARKING DETAIL

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PROJECT NOTES:

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PLACEMENT OF STOP BARS AT NON-SIGNALIZED INTERSECTIONS IS OPTIONAL AND MAY BE FIELD ADJUSTED AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

PAVEMENT MARKING DETAIL