

DCN: 0164DEL_P10b2

T.I.P.: P-5206C

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. P-5206C	SHEET NO. PMP-1
APPROVED: _____	
DATE: _____	
SEAL	

PAVEMENT MARKING PLAN
ROWAN COUNTY

LOCATION: NCRRNS MAINLINE REID TO NORTH KANNAPOLIS
RAILROAD ROADBED (MP 337.0 TO MP 348.3)

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 - TWO-LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

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
KIMBALL RD EXT	THERMOPLASTIC	RAISED
E CENTERVIEW ST	THERMOPLASTIC	RAISED
S. CHURCH ST	THERMOPLASTIC	RAISED
- 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) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE CONCRETE SURFACES PRIOR TO PLACING THERMO PAVEMENT MARKING MATERIAL.
- F) ON ASPHALT SURFACES, USE HEATED-IN-PLACE THERMOPLASTIC OR EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.
- G) ON CONCRETE SURFACES, USE HEATED-IN-PLACE THERMOPLASTIC OR COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.
- H) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWING 1250.01.

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
	<u>THERMOPLASTIC(4", 90 MILS)</u>
TA	WHITE EDGELINE
	<u>THERMOPLASTIC(4", 120 MILS)</u>
TD	3 FT. - 9 FT./SP WHITE MINISKIP
TE	WHITE SOLID LANE LINE
TF	10 FT. YELLOW SKIP
TH	YELLOW SINGLE CENTER
TI	YELLOW DOUBLE CENTER
T8	2FT.-6FT./SP. WHITE MINI SKIP
	<u>THERMOPLASTIC(8", 90 MILS)</u>
TN	WHITE GORELINE
TO	WHITE DIAGONAL
TP	YELLOW DIAGONAL
	<u>THERMOPLASTIC(16", 120 MILS)</u>
T1	WHITE LINE, RR X
	<u>THERMOPLASTIC(24", 120 MILS)</u>
T2	WHITE STOPBAR
	<u>THERMOPLASTICPAVEMENT MARKING CHARACTER (120 MILS)</u>
UI	ALPHANUMERIC CHAR.
	<u>THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS)</u>
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW

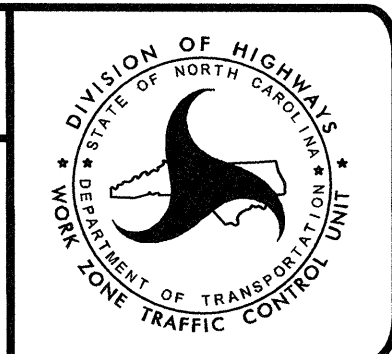
INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-2-5	PAVEMENT MARKING DETAIL
PMP-6	REVISED PAVEMENT MARKING ROADWAY STANDARD DRAWING

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

SUSAN KUNZ SIGNING & DELINEATION REGIONAL ENGINEER

JAMES HAMBRIGHT SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: SEPI ENGINEERING & CONST.

JOSEPH KOPASKIE, PE TRANSPORTATION ENGINEER

RICHARD DRAYTON DESIGN ENGINEER

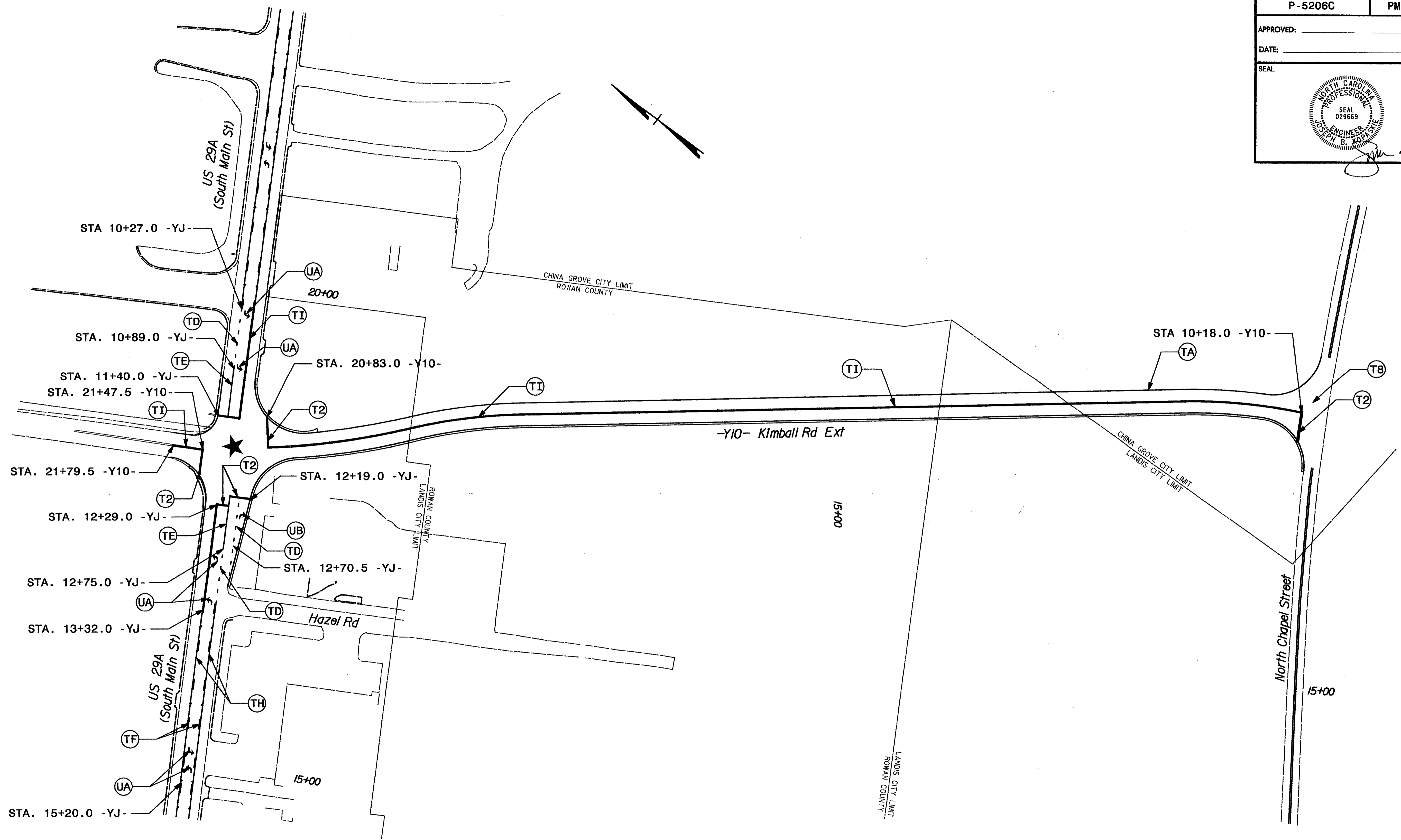


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DATE:	
SEAL	

Professional Engineer Seal: JAMES B. KOSKIS, SEAL 029669, ENGINEER, NORTH CAROLINA PROFESSIONAL ENGINEERS AND SURVEYORS. Date: 4-4-2013




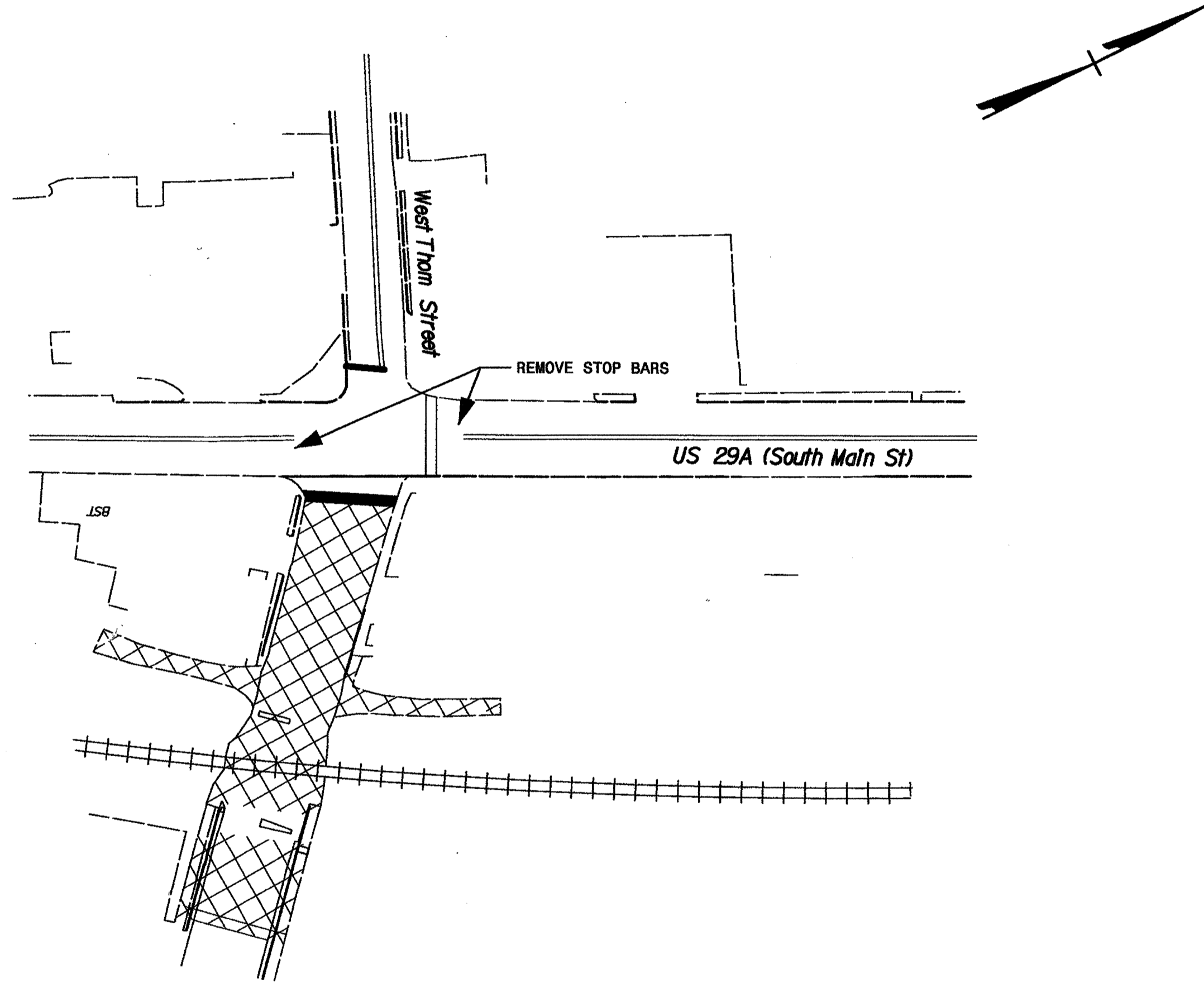
SEPI
ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9581
License: C-2197

★ INDICATES PROPOSED SIGNAL

PAVEMENT MARKING DETAIL

DCN:
0164DEL P10b2

TIP NO. P-5206C	SHEET NO. PMP-3
APPROVED: _____	
DATE: _____	
SEAL	
 JOSEPH B. KOPY SEAL 029669 NORTH CAROLINA PROFESSIONAL ENGINEER	
4-4-2008	




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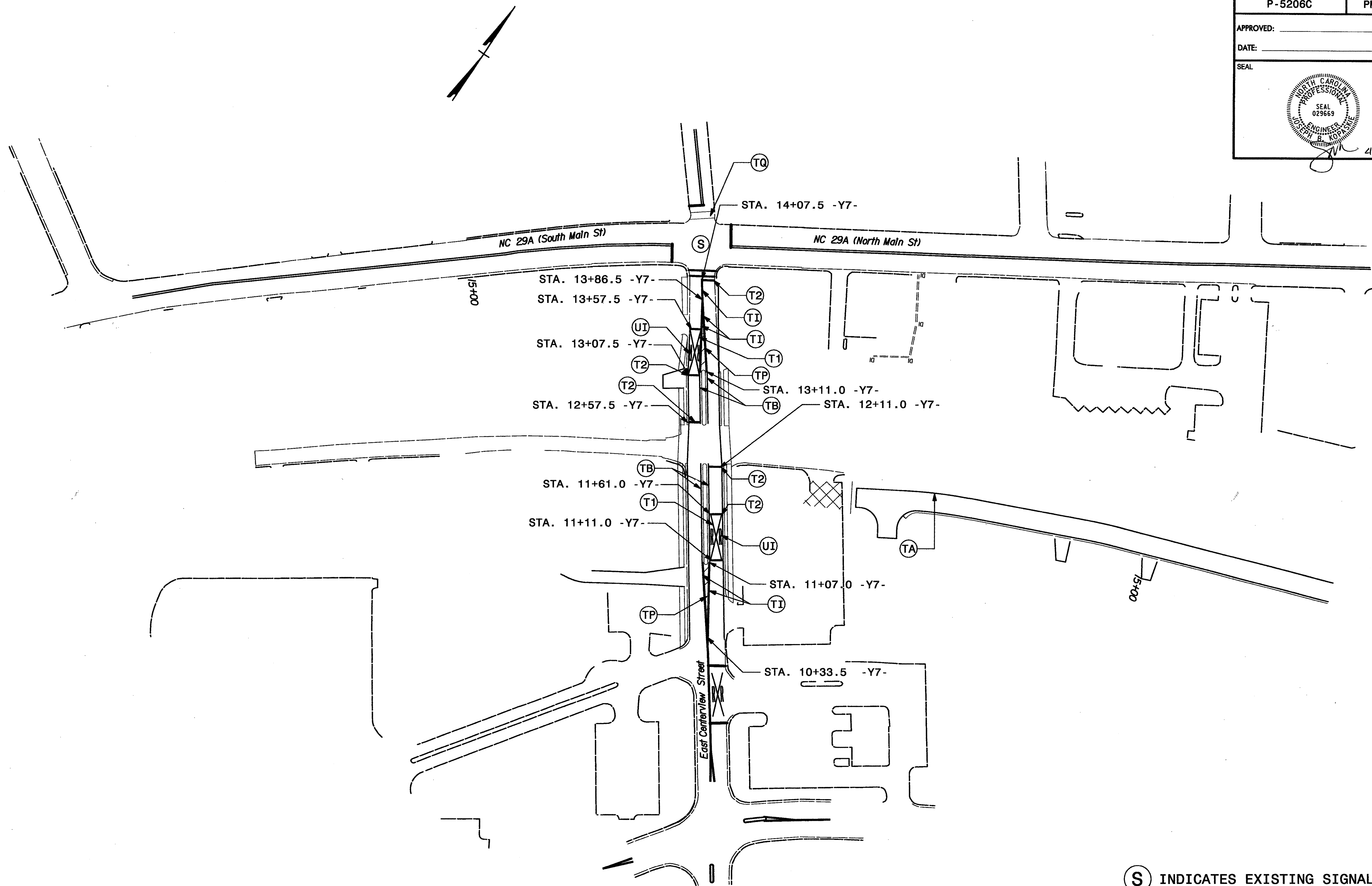
PAVEMENT MARKING DETAIL

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TIP NO. P - 5206C	SHEET NO. PMP - 4
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4-4-2015



(S) INDICATES EXISTING SIGNAL

PAVEMENT MARKING DETAIL

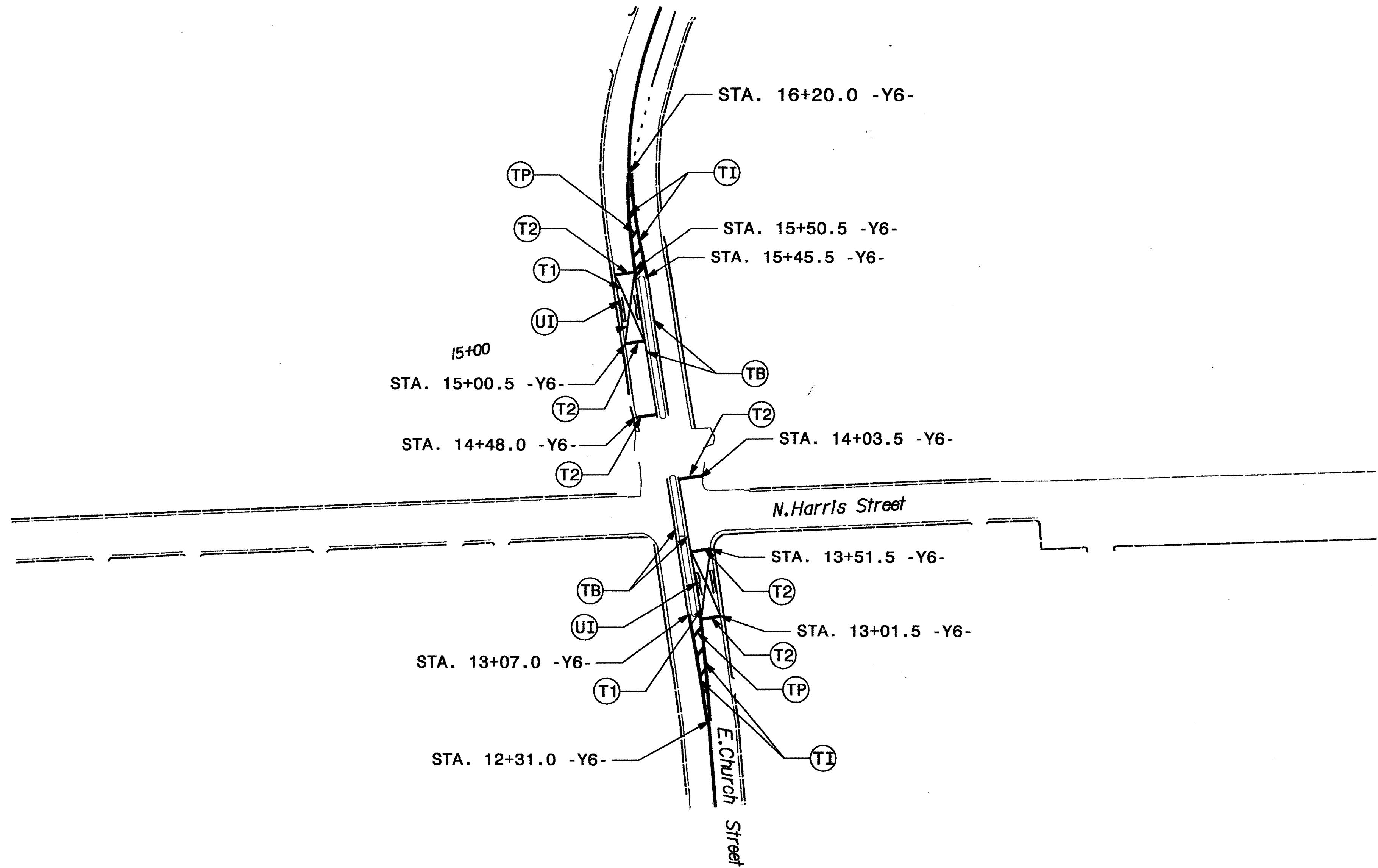
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DCN #####
USERNAME

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DCN:
0164DEL P10b2

TIP NO.	SHEET NO.
P-5206C	PMP-5
APPROVED:	_____
DATE:	_____
SEAL	

Professional Engineer Seal: NORTH CAROLINA PROFESSIONAL ENGINEERS SEAL 029669 JOSEPH B. TORRES
Signature: [Handwritten Signature] 4/4/2013



*****SYSTEMS*****
*****DCN*****
*****USER*****

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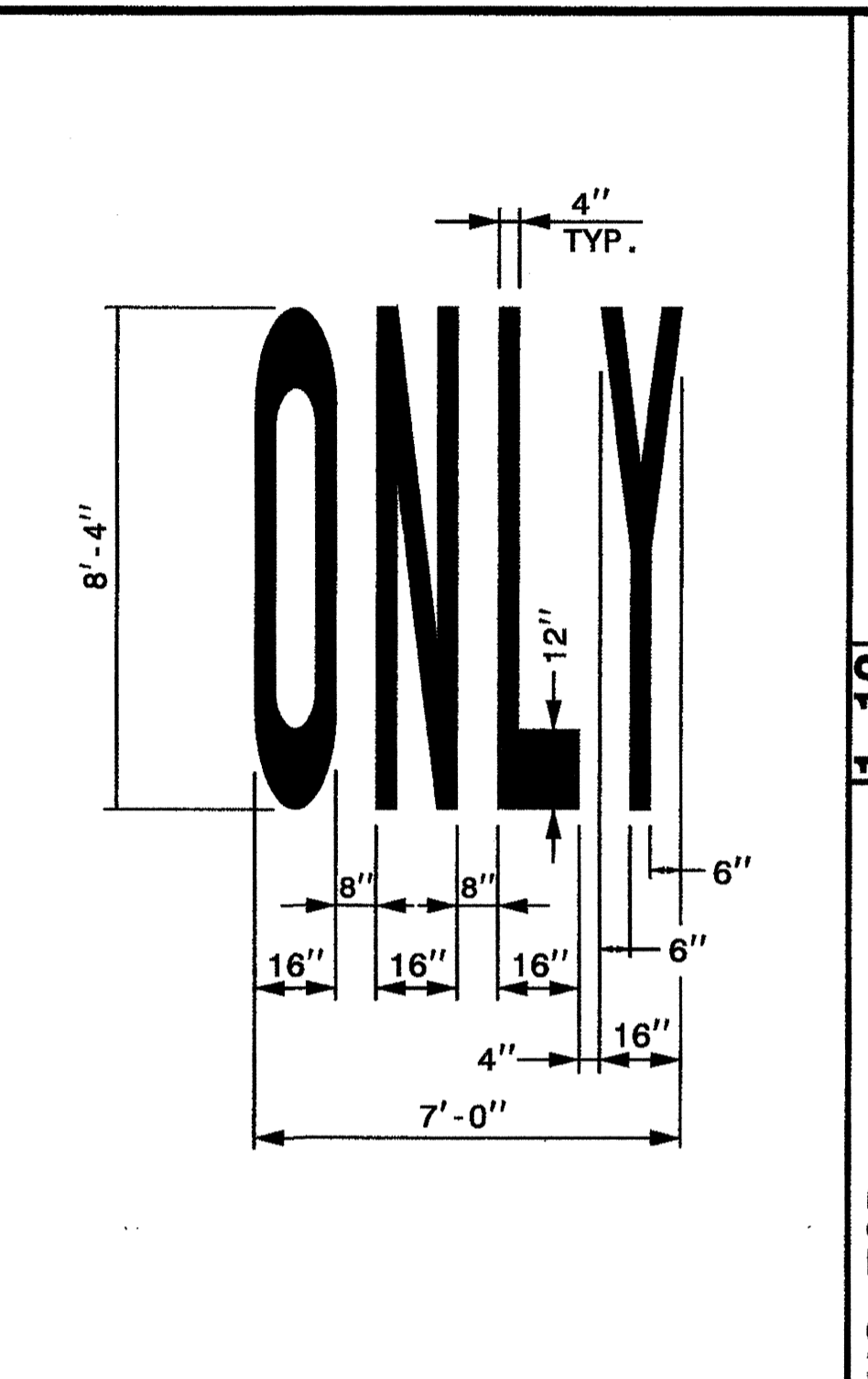
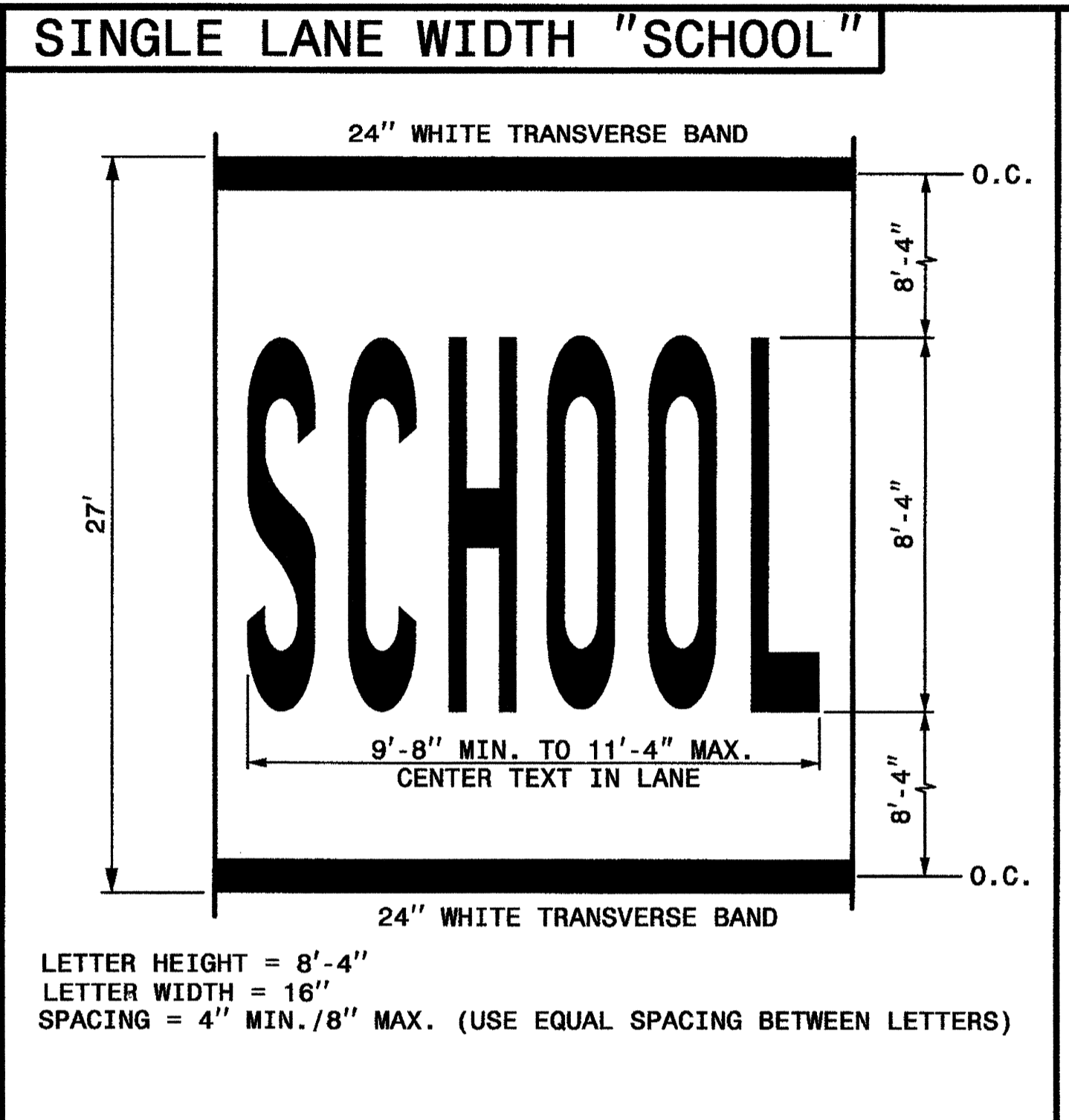
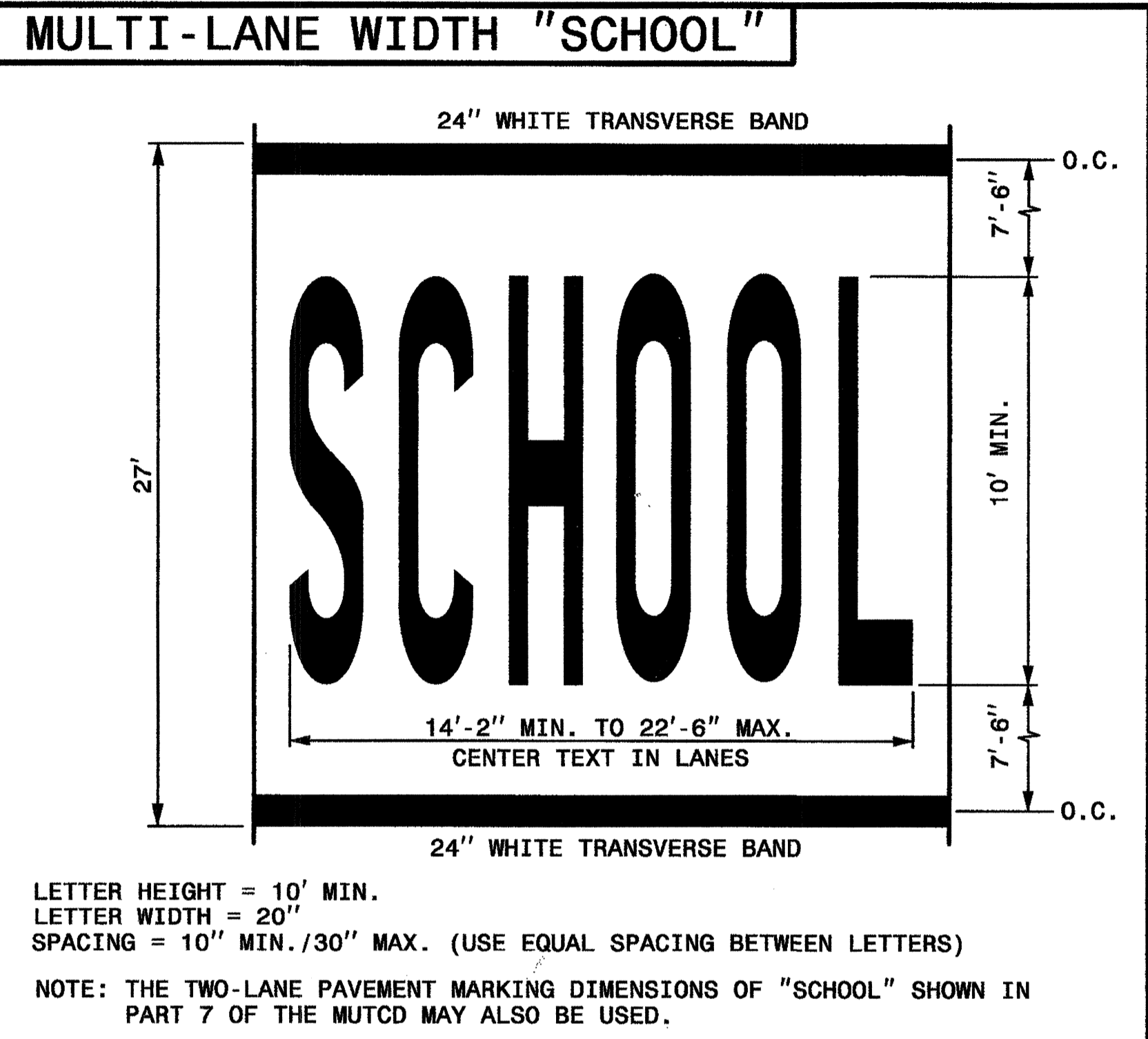
PAVEMENT MARKING DETAIL

TIP NO. P-5206C	SHEET NO. PMP-6
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 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

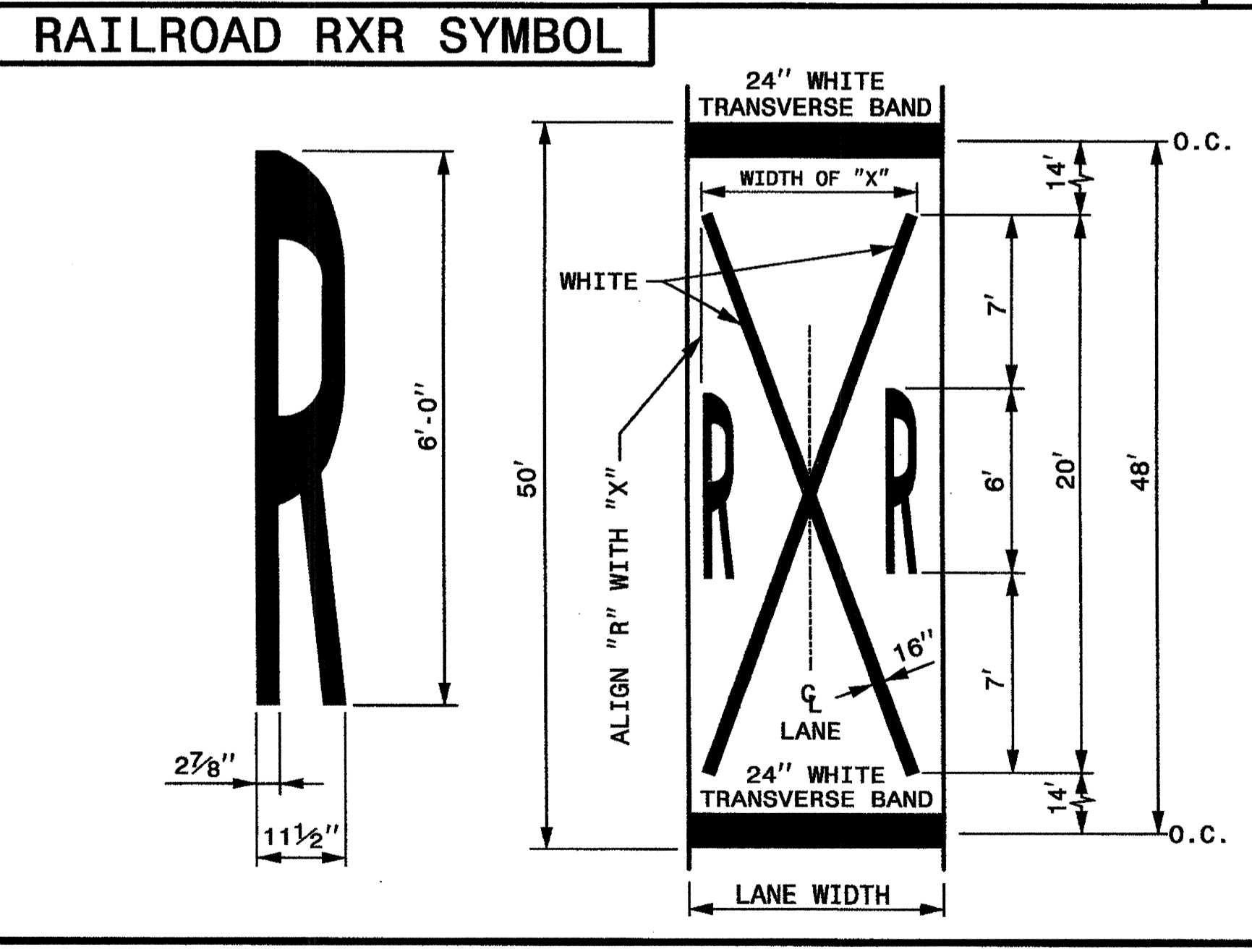
SHEET 3 OF 8
1205D08



STATE OF NORTH CAROLINA
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ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08



- GENERAL NOTES:
- 1- 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.
 - 2- 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.