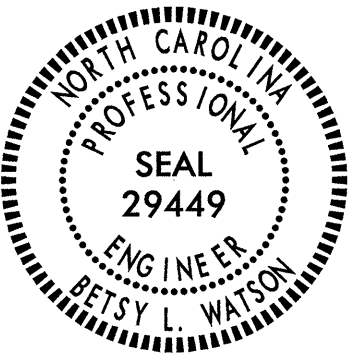



CONTRACT: C203091 T.I.P.: B-4946

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WAKE COUNTY**

LOCATION: BRIDGE NO. 251 OVER US 401 ON US 70/NC 50

TIP NO. B-4946	SHEET NO. PMP - 1
APPROVED: <i>Betsy L. Watson</i>	
DATE: 1/7/13	
SEAL	
	
	
Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672	

ROADWAY STANDARD DRAWINGS

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 & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT & TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL & BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL & BARRIER DELINEATORS - TYPES & MOUNTING
1262.01	GUARDRAIL END DELINEATION

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM
CA	WHITE EDGELINE (4")	COLD APPLIED PLASTIC
CB	YELLOW EDGELINE (4")	COLD APPLIED PLASTIC
CC	10 FT WHITE SKIP (4")	COLD APPLIED PLASTIC
T2	WHITE STOPBAR (24", 120 MIL)	THERMOPLASTIC
T8	2 FT-6 FT/SP WHITE MINISKIP (4", 120 MIL)	THERMOPLASTIC
T13	3 FT-9 FT/SP WHITE MINISKIP (8", 120 MIL)	THERMOPLASTIC
TA	WHITE EDGELINE (4", 90 MIL)	THERMOPLASTIC
TB	YELLOW EDGELINE (4", 90 MIL)	THERMOPLASTIC
TC	10 FT WHITE SKIP (4", 120 MIL)	THERMOPLASTIC
TD	3 FT-9 FT/SP WHITE MINISKIP (4", 120 MIL)	THERMOPLASTIC
TE	WHITE SOLID LANE LINE (4", 120 MIL)	THERMOPLASTIC
TN	WHITE GORELINE (8", 90 MIL)	THERMOPLASTIC
TR	WHITE SOLID LANE LINE (8", 120 MIL)	THERMOPLASTIC
TU	WHITE DIAGONAL (12", 90 MIL)	THERMOPLASTIC
UA	LEFT TURN ARROW (90 MIL)	THERMOPLASTIC
UB	RIGHT TURN ARROW (90 MIL)	THERMOPLASTIC
UC	STRAIGHT ARROW (90 MIL)	THERMOPLASTIC

GENERAL NOTES

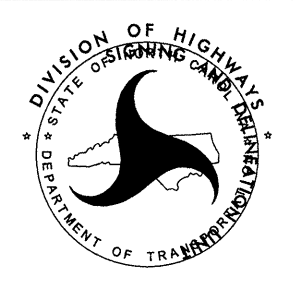
THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

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

ROAD NAME	MARKING	MARKER
ALL ROADS	THERMOPLASTIC	SNOWPLOWABLE
BRIDGE	COLD APPLIED PLASTIC	RAISED
- B) TYPE III COLD APPLIED PLASTIC MAY BE USED IN LIEU OF TYPE II COLD APPLIED PLASTIC. IF TYPE III COLD APPLIED PLASTIC IS USED, IT SHALL BE PAID FOR USING THE TYPE II COLD APPLIED PLASTIC PAY ITEM.
- C) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- D) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- E) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- F) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- G) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE CONCRETE SURFACES PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKING MATERIAL.
- H) ON ASPHALT SURFACES, USE HEATED-IN-PLACE THERMOPLASTIC OR EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.

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

SUSAN KUNZ SIGNING & DELINEATION REGIONAL ENGINEER
STACEY JOHNS SIGNING & DELINEATION DESIGN ENGINEER



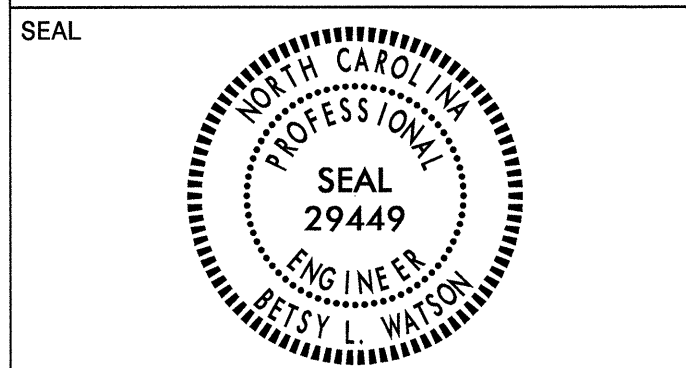
PLAN PREPARED BY:

BETSY L. WATSON, P.E. TRAFFIC ENGINEER
ROSI R. HENNEIN TRANSPORTATION TECHNICIAN



INDEX

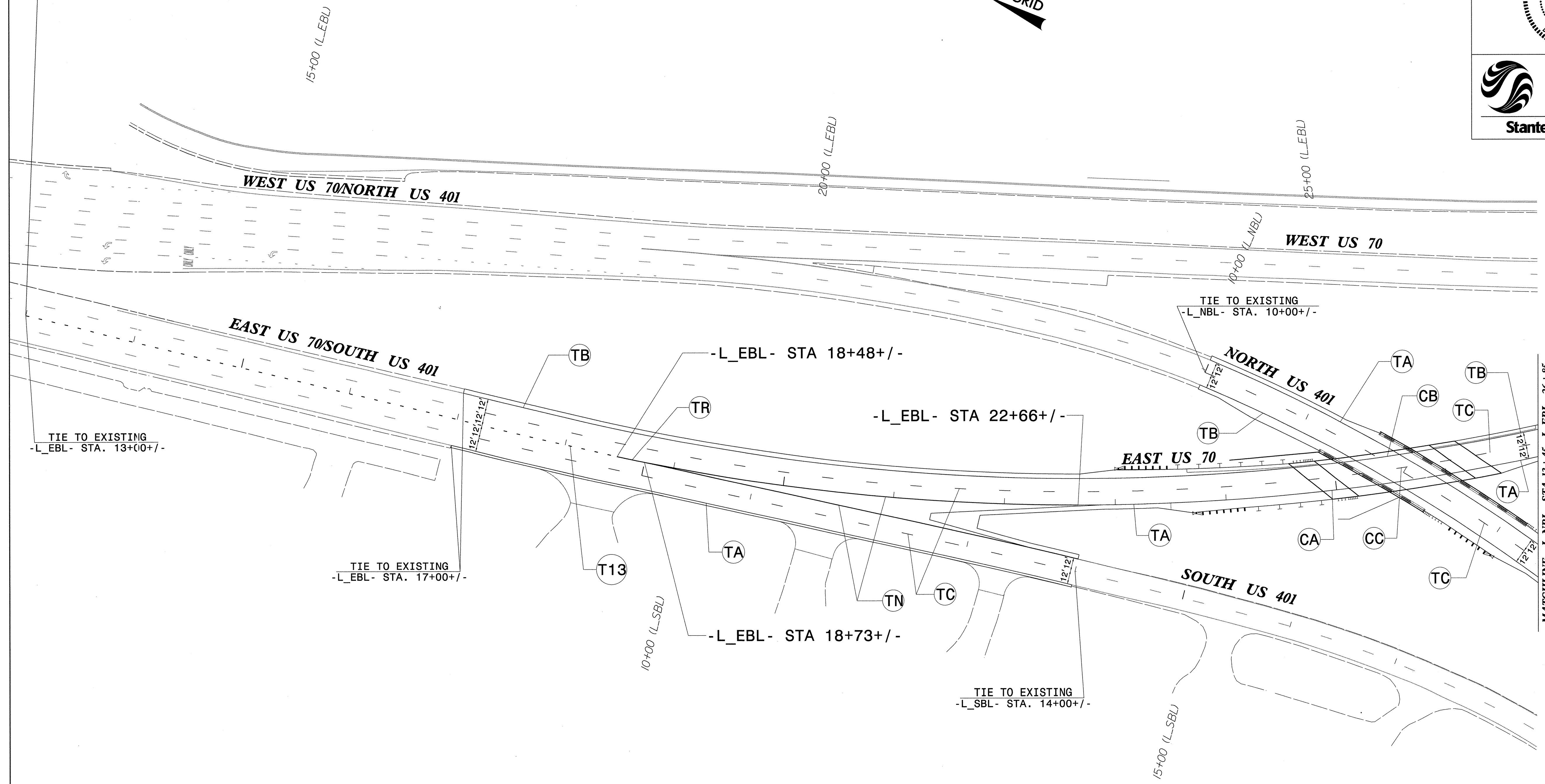
SHEET NO.	DESCRIPTION
PMP - 1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP - 2-3	PAVEMENT MARKING DETAIL



Stantec
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License No. F-0672

BEGIN PAVEMENT MARKING PLAN
B-4946 -L_EBL- STA. 13+00

NAD 83 NC GRID



TIE TO EXISTING
-L_EBL- STA. 13+00+/-

TIE TO EXISTING
-L_EBL- STA. 17+00+/-

TIE TO EXISTING
-L_NBL- STA. 10+00+/-

TIE TO EXISTING
-L_SBL- STA. 14+00+/-

MATCHLINE -L_NBL- STA. 13+45, -L_EBL- 26+85
SEE SHEET PMP-3

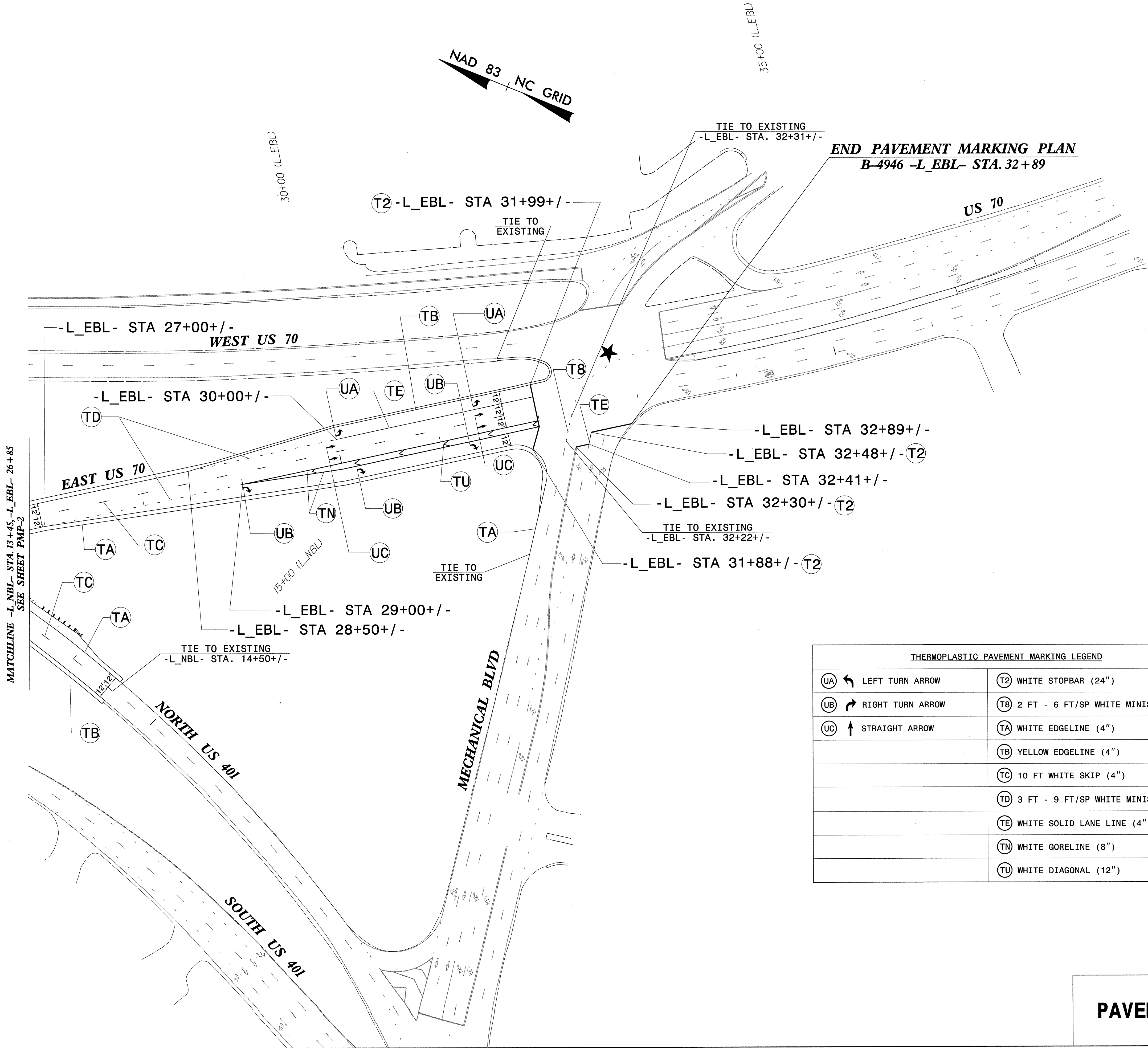
COLD APPLIED PLASTIC PAVEMENT MARKING LEGEND	
(CA)	WHITE EDGELINE (4")
(CB)	YELLOW EDGELINE (4")
(CC)	10 FT WHITE SKIP (4")

THERMOPLASTIC PAVEMENT MARKING LEGEND	
(T13)	3 FT - 9 FT/SP WHITE MINISKIP (8")
(TA)	WHITE EDGELINE (4")
(TB)	YELLOW EDGELINE (4")
(TC)	10 FT WHITE SKIP (4")
(TN)	WHITE GORELINE (8")
(TR)	WHITE SOLID LANE LINE (8")

PAVEMENT MARKING DETAIL

1/7/2013
U:\8-4946\ Pavement_Markings\Drawings\Drawings\B-4946.pmp.02.dgn

TIP NO. B - 4946	SHEET NO. PMP - 3
APPROVED: <i>Patsy L. Watson</i>	
DATE: 1/7/13	
SEAL	
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END PAVEMENT MARKING PLAN
B-4946 -L_EBL- STA. 32+89

THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) ← LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) ↗ RIGHT TURN ARROW	(TB) 2 FT - 6 FT/SP WHITE MINISKIP (4")
(UC) ↑ STRAIGHT ARROW	(TA) WHITE EDGELINE (4")
	(TB) YELLOW EDGELINE (4")
	(TC) 10 FT WHITE SKIP (4")
	(TD) 3 FT - 9 FT/SP WHITE MINISKIP (4")
	(TE) WHITE SOLID LANE LINE (4")
	(TN) WHITE GORELINE (8")
	(TU) WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

1/7/2013
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 PMP-03