


**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WAKE COUNTY**

**LOCATION: SR 1370 (TRYON ROAD) FROM WEST OF BRIDGE NO. 259
TO US 70-401/NC 50 (WILMINGTON STREET)**

TIP NO. U-4432	SHEET NO. PMP-1
APPROVED: <i>Ronda B. Early</i>	
DATE: 10.29.13	
SEAL	
	

T.I.P.: U-4432

CONTRACT: C203360

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 AND OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE AND MULTI LANE ROADWAYS
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 - SYMBOL AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT & TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES & MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPE
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 |
|-----------------|---|----------------|
| TRYON RD. (-L-) | THERMOPLASTIC | SNOWPLOWABLE |
| ALL OTHER ROADS | THERMOPLASTIC | MATCH EXISTING |
| BRIDGES | COLD APPLIED PLASTIC
TYPE 2 (PERM HIGH PERF) | RAISED |
- B) ON ASPHALT SURFACES USE HEATED-IN-PLACE THERMOPLASTIC OR EXTRUDED THERMOPLASTIC MARKINGS FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.
- C) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY WATER BLASTING OR GRINDING ON BRIDGE DECK(S) PRIOR TO PLACING PAVEMENT MARKINGS.
- D) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- E) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- F) PASSING ZONE(S) WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- G) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWING 1250.01.
- H) STOPBARS AT NON-SIGNALIZED INTERSECTIONS ARE TO BE LOCATED A MIN OF 6' FROM THE EDGE OF TRAVEL LANE AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-1A	PAVEMENT MARKING LEGEND & SCHEDULE
PMP-1B	DETAIL DRAWING FOR PAVEMENT MARKINGS - LANE DROPS (REPLACEMENT FOR RSD 1205.06 SHEET 1 OF 3)
PMP-2 THRU PMP-6	PAVEMENT MARKING DETAILS

HNTB HNTB NORTH CAROLINA, P.C.
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Raleigh, North Carolina 27609
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PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

<i>Susan Kunz</i>	SIGNING & DELINEATION REGIONAL ENGINEER
<i>Stacey Johns</i>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER

PLAN PREPARED BY: HNTB NORTH CAROLINA

<i>R. B. Early, PE</i>	PROJECT ENGINEER
<i>J. A. Phillips</i>	PROJECT DESIGNER

FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING		
THERMOPLASTIC (4", 90 MILS)		
	TA	WHITE EDGELINE
	TB	YELLOW EDGELINE
THERMOPLASTIC (4", 120 MILS)		
	T8	WHITE MINISKIP (2'/6' SP)
	T9	YELLOW MINISKIP (2'/6' SP)
	TC	WHITE SKIP
	TD	WHITE MINISKIP (3'/9' SP)
	TE	WHITE SOLID LANE LINE
	TI	YELLOW DOUBLE CENTER LINE
COLD APPLIED PLASTIC (4" WHITE)		
	CA	WHITE EDGELINE
	CB	YELLOW EDGELINE
	CC	WHITE SKIP
COLD APPLIED PLASTIC (6" WHITE)		
	CK	WHITE MINI SKIP (3'/9' SP)
	CL	SOLID WHITE LANE LINE
THERMOPLASTIC (6", 120 MILS)		
	TK	WHITE MINISKIP (3'/9' SP)
	TL	SOLID WHITE LANE LINE
THERMOPLASTIC (8", 90 MILS)		
	TN	WHITE GORELINE
	TO	WHITE DIAGONAL
	TP	YELLOW DIAGONAL
THERMOPLASTIC (8", 120 MILS)		
	TQ	WHITE CROSSWALK LINE
THERMOPLASTIC (24", 120 MILS)		
	T2	WHITE STOP BAR
THERMOPLASTIC CHARACTERS (120 MILS)		
	UI	ALPHANUMERIC CHARACTER
THERMOPLASTIC SYMBOL (90 MILS)		
	UA	LEFT TURN ARROW
	UB	RIGHT TURN ARROW
	UC	STRAIGHT ARROW
	UE	STRAIGHT/RIGHT ARROW

LEGEND

GENERAL

← DIRECTION OF TRAFFIC FLOW

↑ NORTH ARROW

— PROPOSED PVMT. - - - - - EXIST. PVMT.

PAVEMENT MARKINGS

↙ ↘ ↗ ↖ ↠ ↡ PAVEMENT MARKING SYMBOLS

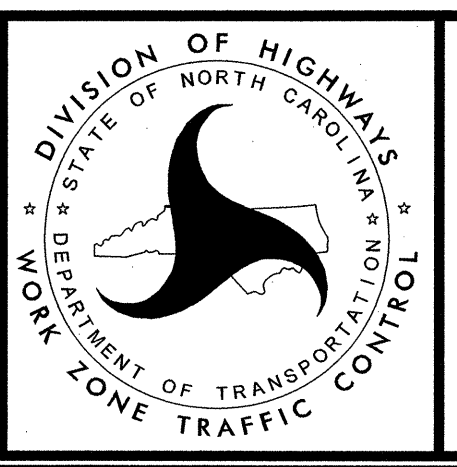
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NORTH CAROLINA
PROFESSIONAL
ENGINEER
FRONDA B. EARLY



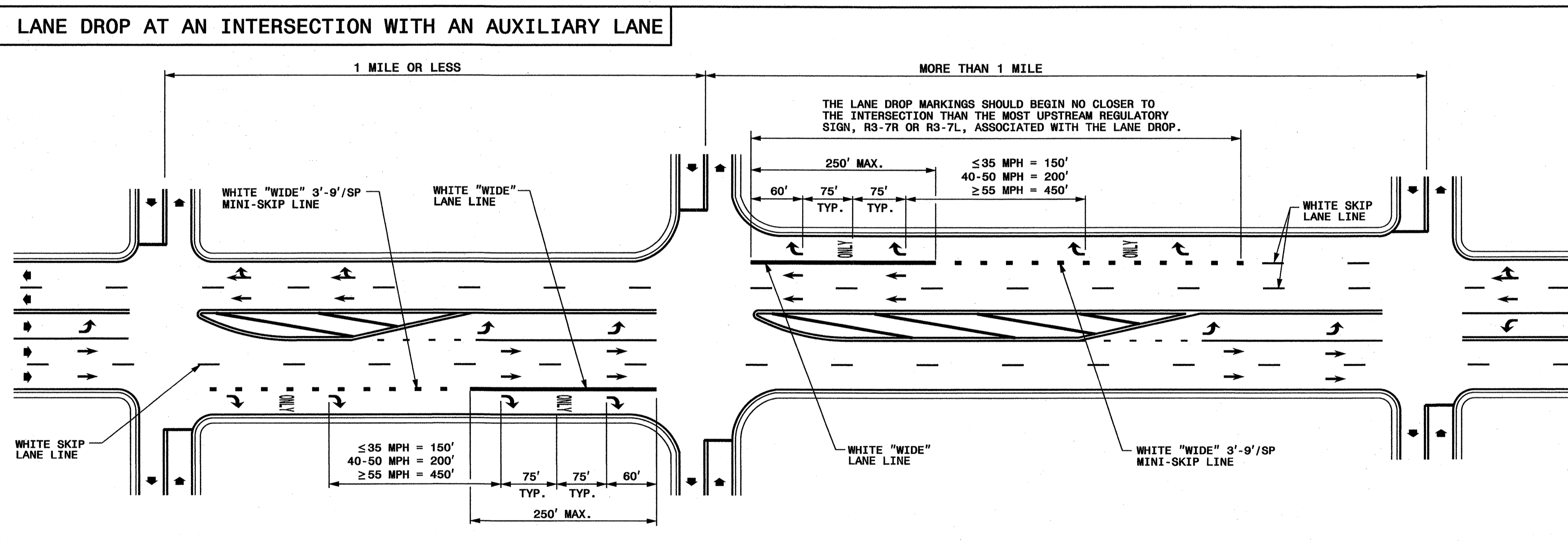
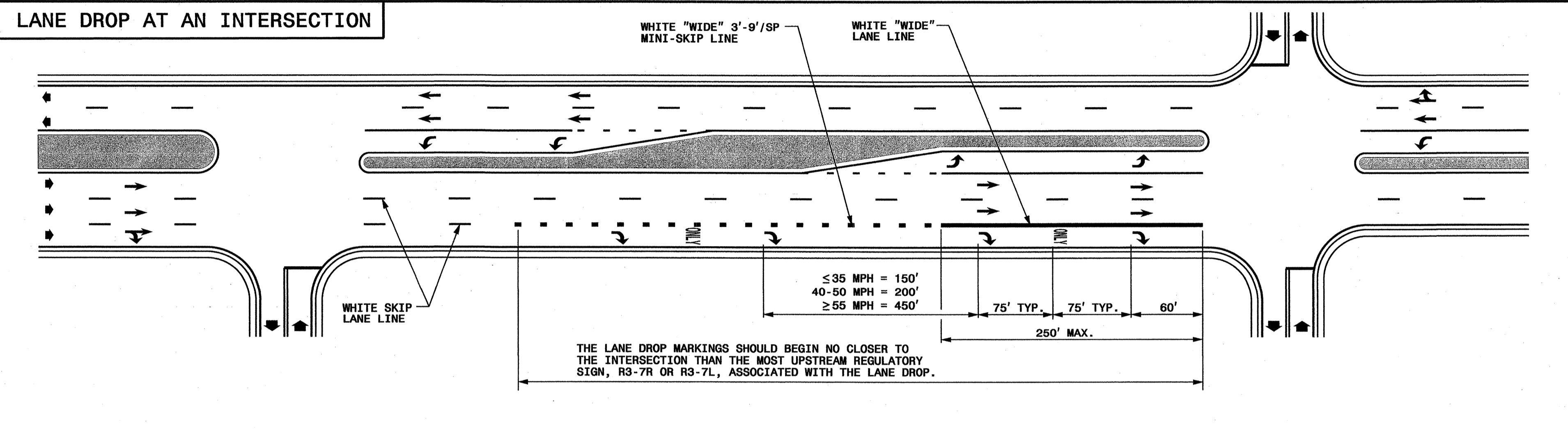
TRANSPORTATION
MANAGEMENT PLAN
**PAVEMENT MARKING
SCHEDULE AND
LEGEND**

TIP NO. U-4432	SHEET NO. PMP-1B
APPROVED: <i>RW</i>	
DATE: 3/6/12	
SEAL	
	

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

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

SHEET 1 OF 3
1205D06



- GENERAL NOTES:**
- USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH INTERSECTION GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.04.
 - LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND

W = WIDTH OF TRAVEL LANE	↩ ONLY	PAVEMENT MARKING SYMBOLS & CHARACTERS
➔		DIRECTION OF TRAFFIC FLOW

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

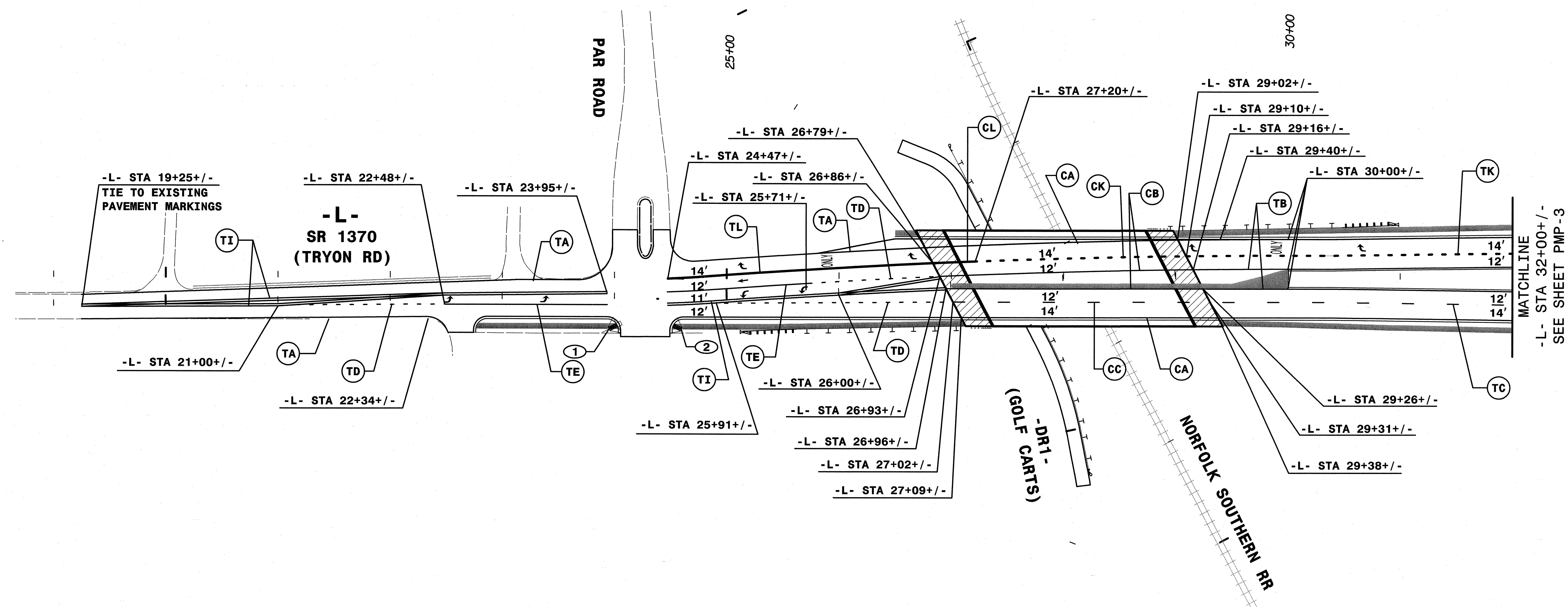
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

SHEET 1 OF 3
1205D06

**REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING**

08-MAR-2012 11:09 SA\S&DU\S\Standards Group\MP\2012 Standard Drawings\Standard Drawings\Revised\12050601_Rev1sed 9-14-11_Scaled.dgn AT TE244745

N.M. 8318/18/18 C.M.



- ① -L- STA 24+02+/- 23.8' RT
- ② -L- STA 24+52+/- 24' RT

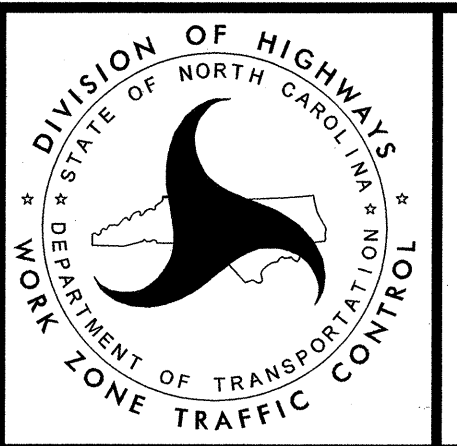
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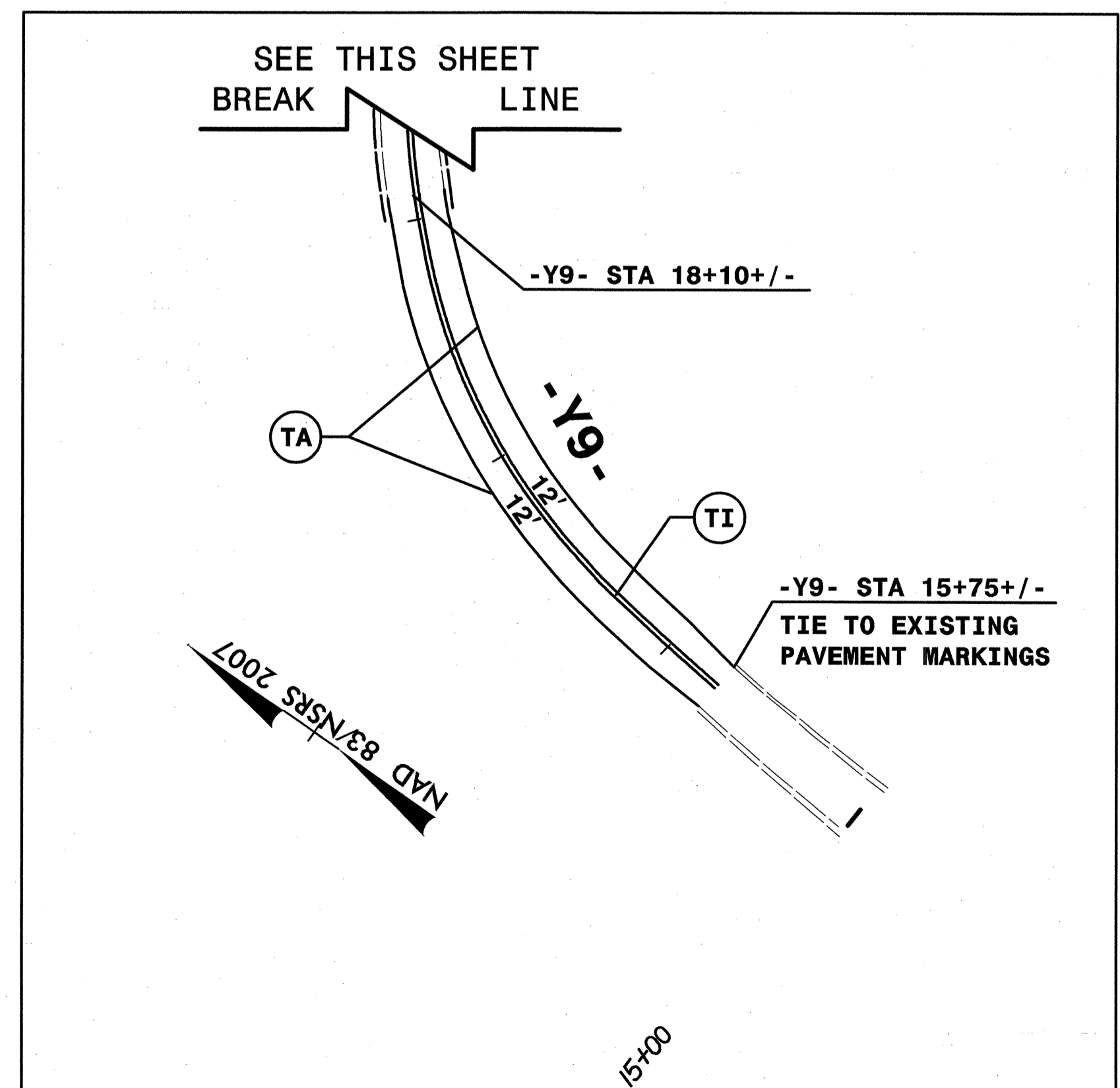
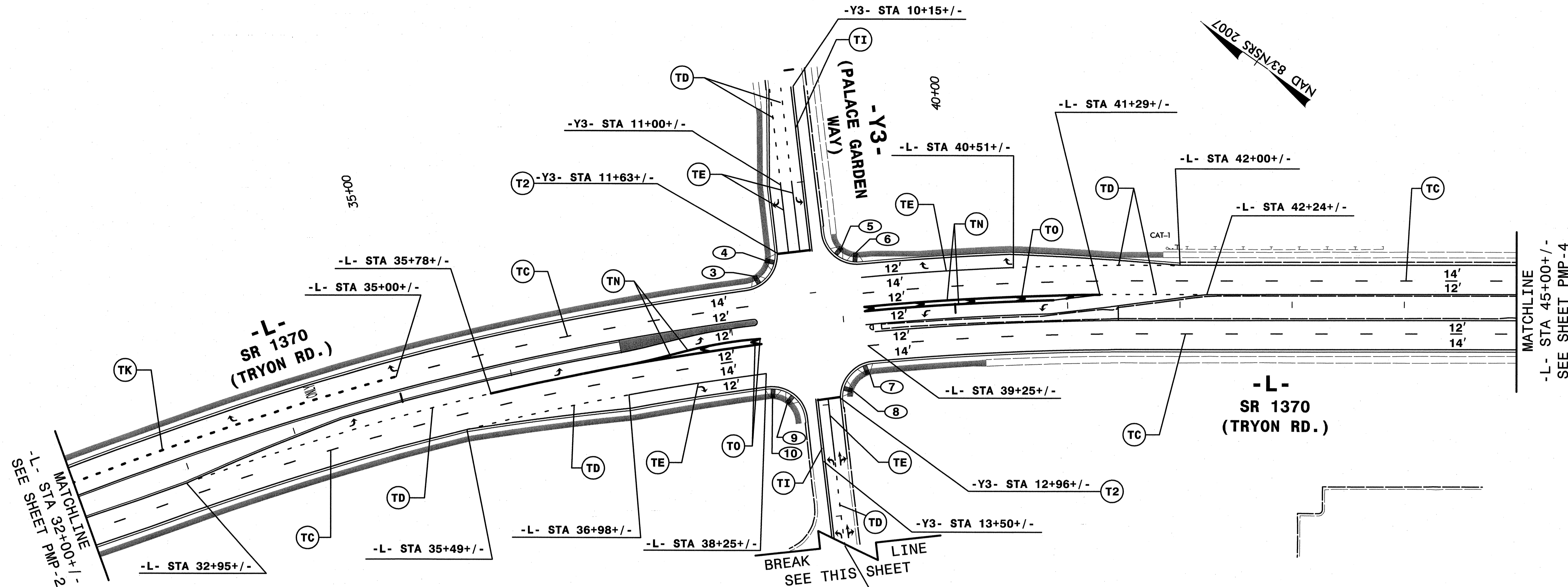
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NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 023521
 RYONDA B. EARLY



TRANSPORTATION MANAGEMENT PLAN
 PAVEMENT MARKING DETAIL

MATCHLINE
 -L- STA 32+00+/-
 SEE SHEET PMP-3



NOTE: CONTINUE PAVEMENT MARKING ON -Y3- TYING TO -Y9- STA 15+75+/- AND PLACE ACCORDING TO ROADWAY STANDARD DRAWINGS

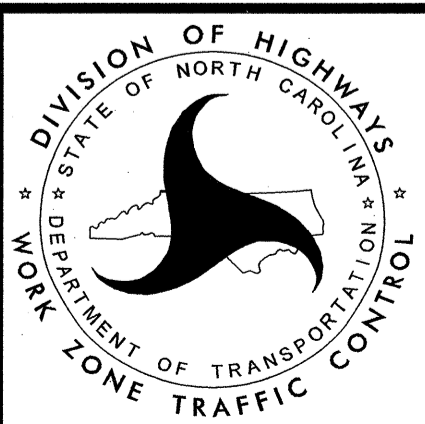
- ③ -L- STA 38+30+/- 42.2' LT
- ④ -Y3- STA 11+69+/- 28.6' RT
- ⑤ -Y3- STA 11+68+/- 25.1' LT
- ⑥ -L- STA 39+15+/- 51.9' LT
- ⑦ -L- STA 39+15+/- 38.6' RT
- ⑧ -Y3- STA 12+87+/- 20' LT
- ⑨ -Y3- STA 12+89+/- 60.5' RT
- ⑩ -L- STA 38+29+/- 51.9' RT

SEE PMP-5 FOR STOP BAR AND CROSSWALK LOCATIONS

8/17/09
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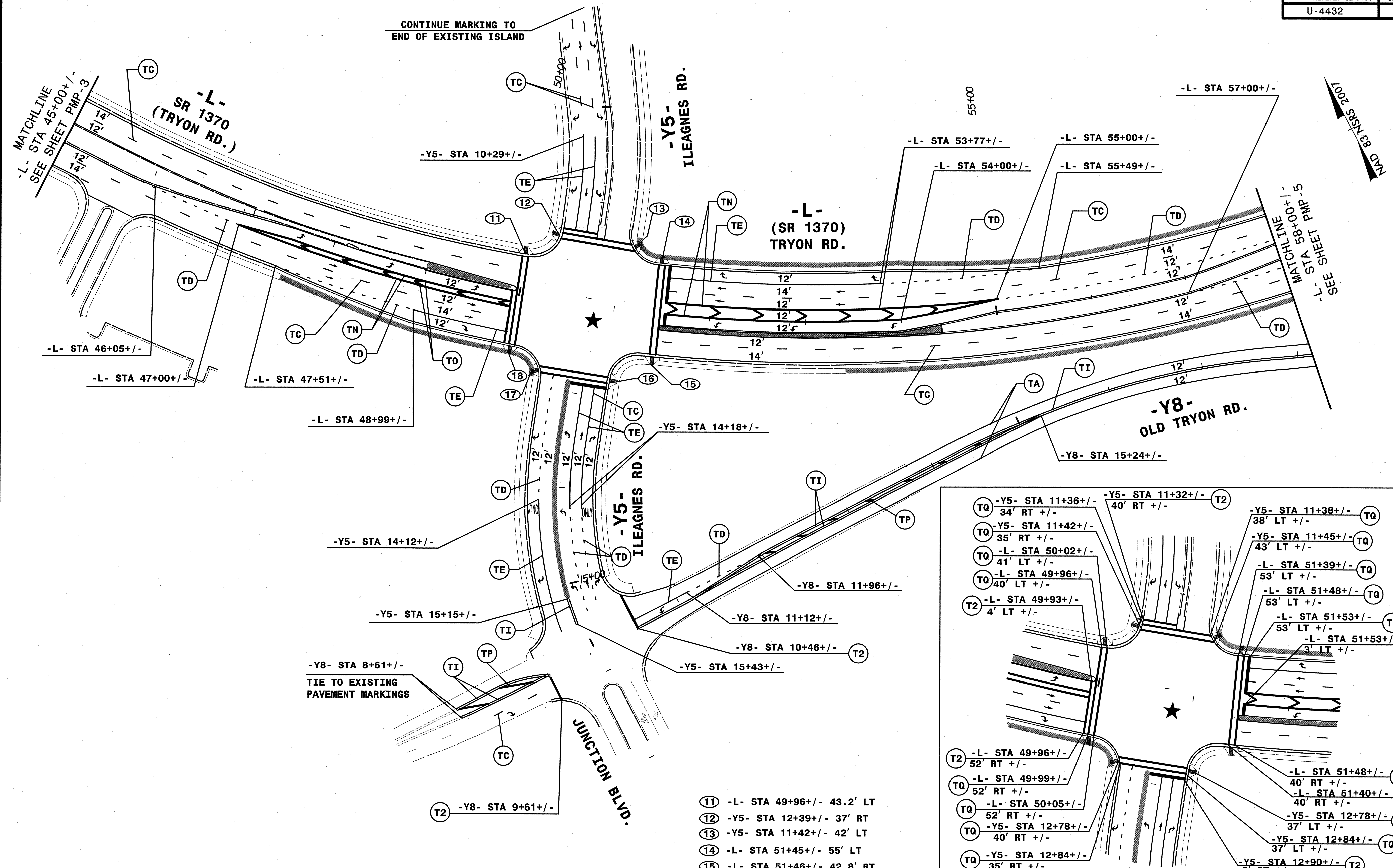
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APPROVED: *Manda K. Early* DATE: 12-29-13
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TRANSPORTATION MANAGEMENT PLAN
PAVEMENT MARKING DETAIL

8/17/99



CONTINUE MARKING TO
END OF EXISTING ISLAND

MATCHLINE
SEE SHEET PMP-3
-L- STA 45+00+/-

-L-
SR 1370
(TRYON RD.)

-Y5-
ILEAGNES RD.

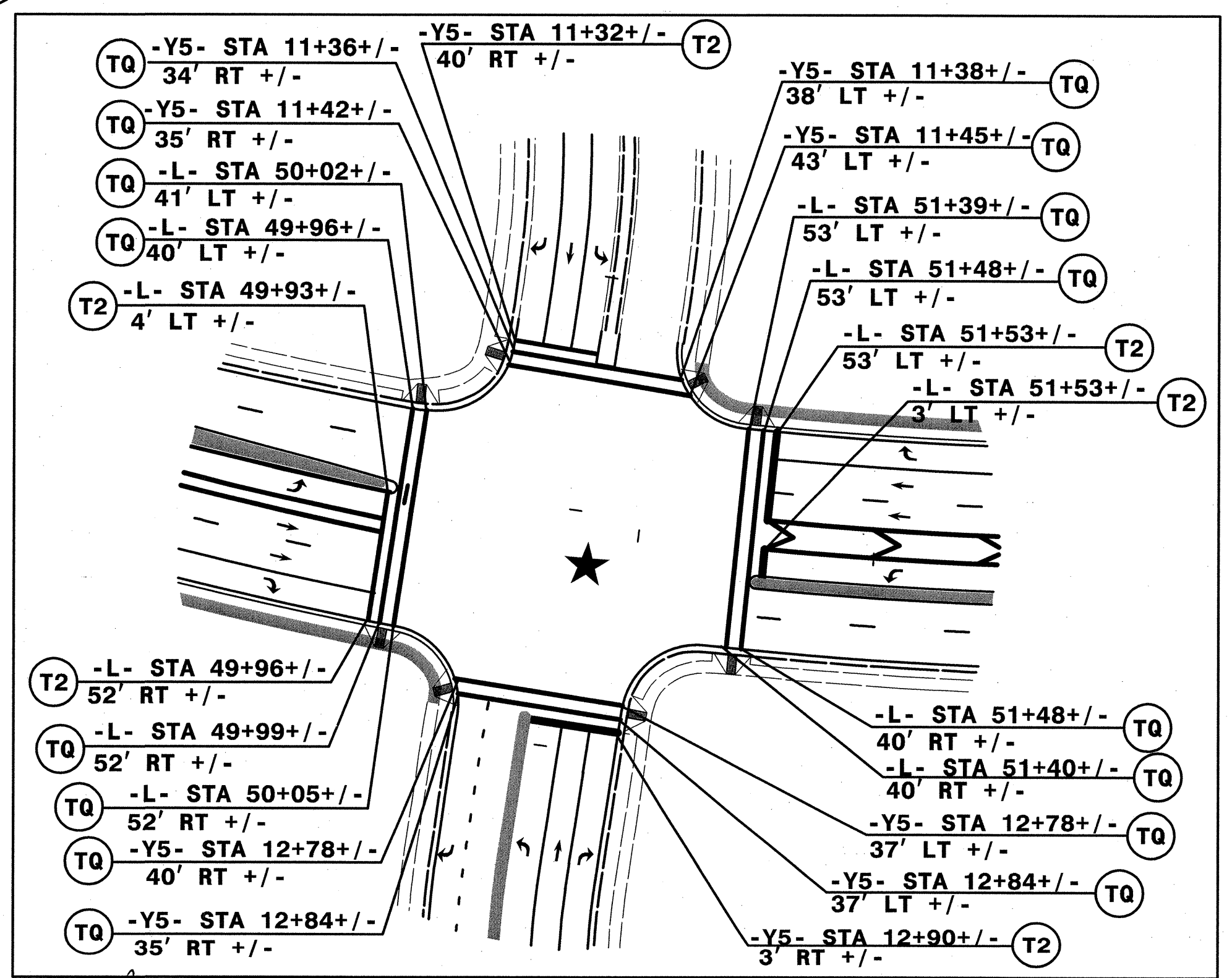
-L-
(SR 1370)
TRYON RD.

-Y8-
OLD TRYON RD.

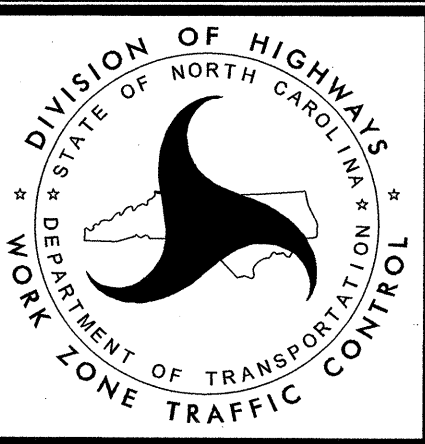
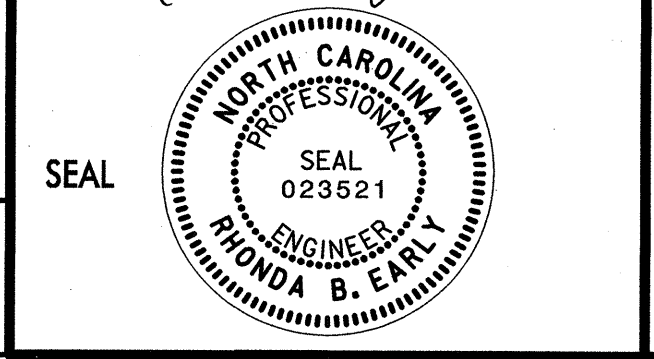
JUNCTION BLVD.

-Y8- STA 8+61+/-
TIE TO EXISTING
PAVEMENT MARKINGS

- 11 -L- STA 49+96+/- 43.2' LT
- 12 -Y5- STA 12+39+/- 37' RT
- 13 -Y5- STA 11+42+/- 42' LT
- 14 -L- STA 51+45+/- 55' LT
- 15 -L- STA 51+46+/- 42.8' RT
- 16 -Y5- STA 12+81+/- 34.3' LT
- 17 -Y5- STA 12+80+/- 36.2' RT
- 18 -L- STA 50+36+/- 70.7' RT



APPROVED: *[Signature]* DATE: 12-29-13



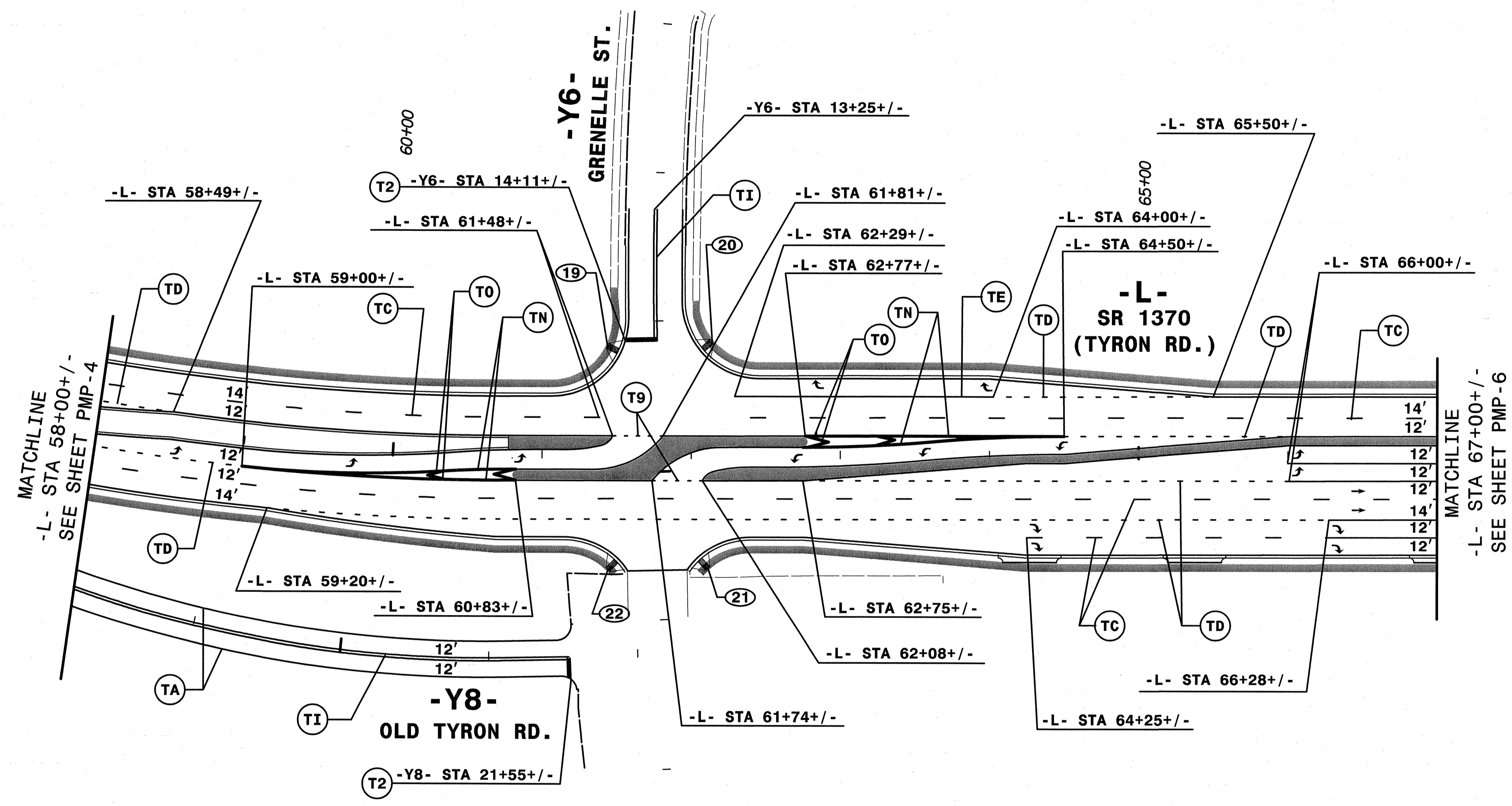
TRANSPORTATION
MANAGEMENT PLAN

PAVEMENT
MARKING
DETAIL

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NAD 83/NSRS 2007



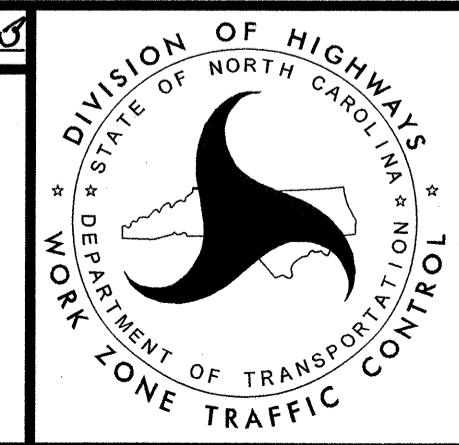
- ①9 -Y6- STA 14+20+/- 25.4' RT
- ②0 -Y6- STA 14+20+/- 30.1' LT
- ②1 -L- STA 62+04+/- 68.4' RT
- ②2 -L- STA 61+50+/- 69.4' RT

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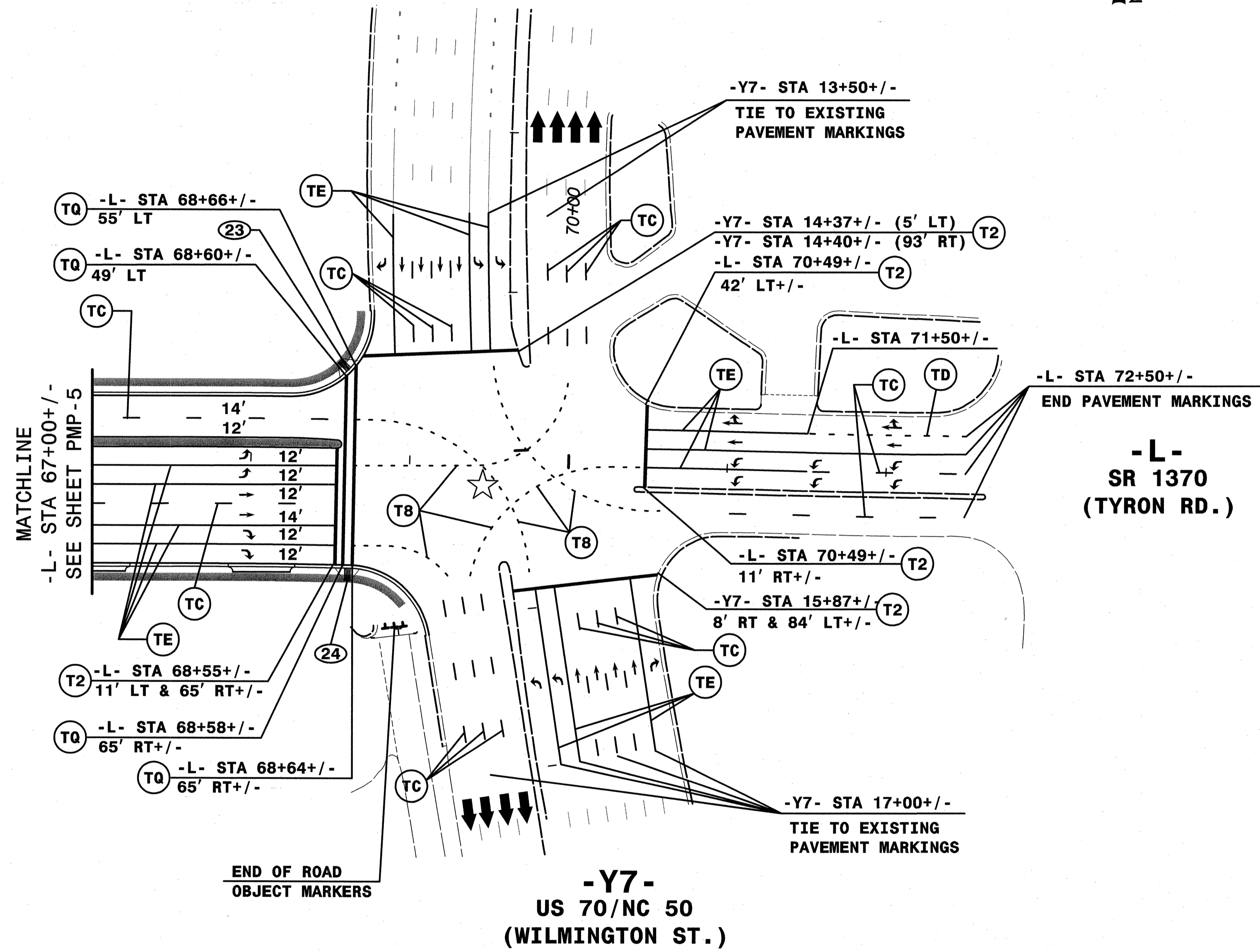
TRANSPORTATION
MANAGEMENT PLAN

**PAVEMENT
MARKING
DETAIL**

8/17/99

**-Y7-
US 70/NC 50
(WILMINGTON ST.)**

NAD 83/NSRS 2007

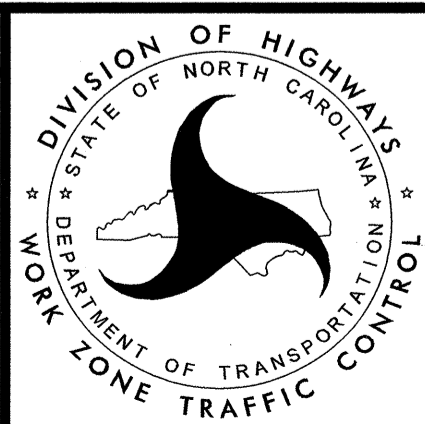


- (23) -L- STA 68+61+/- 58.8' LT
- (24) -L- STA 61+51+/- 81.1' RT

SH:TWB:AW:4432:mpm:05.dgn
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 RONDA B. EARLY
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TRANSPORTATION
 MANAGEMENT PLAN
**PAVEMENT
 MARKING
 DETAIL**