


TIP NO. R-2812	SHEET NO. PMP-1
APPROVED: <i>Ronda B. Early</i>	
DATE: <i>July 5, 2011</i>	
SEAL	
	

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
MOORE COUNTY**

LOCATION: NC 211 FROM NC 73 IN WEST END TO THE
TRAFFIC CIRCLE IN PINEHURST

CONTRACT: 34504.3.2 T.I.P.: R-2812

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 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 MULTI LANE 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
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS (PERMANENT)
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-1A	PAVEMENT MARKING LEGEND & SCHEDULE
PMP-2 THRU PMP-19	PAVEMENT MARKING DETAILS

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	RAISED
- 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.
- E) MARKERS ARE TO BE SPACED ACCORDING TO THE ROADWAY STANDARD DRAWINGS.
- F) STOPBARS ARE TO BE LOCATED A MIN OF 6' FROM THE EDGE OF TRAVEL LANE UNLESS INTERSECTION IS SIGNALIZED OR AS DIRECTED OTHERWISE BY THE ENGINEER.
- G) THIS PROJECT HAS FOUR EQUALITIES:
 - * -L- POT STA 39+05.52 (BK) = -LREV1- POT STA 10+00.00 (AH)
 - * -LREV1- POT STA 103+95.71 (BK) = -L- POT STA 133+16.02 (AH)
 - * -L- POT STA 263+34.50 (BK) = -LREV3- POT STA 253+34.50 (AH)
 - * -LREV3- POT STA 316+74.63 (BK) = -L- POT STA 317+10.00 (AH)
- H) CONTRACTOR SHALL BE REQUIRED TO COMPLETE ANY NECESSARY PAVEMENT MARKING REMOVAL AND PLACE NEW MARKINGS BETWEEN THE INTERSECTION OF NC 211 / MODE RD AND NC 211 / NC 73 (-Y1-) AT THE DIRECTION OF THE ENGINEER. THIS WORK WILL BE DETERMINED BY THE ENGINEER AND WILL BE CONSIDERED INCIDENTAL. (THESE QUANTITIES ARE INCLUDED IN THE CONTRACT.)

HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
C-1554

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

Susan Kunz SIGNING & DELINEATION STANDARDS ENGINEER
Samuel Coleman, EI SIGNING & DELINEATION PROJECT DESIGN ENGINEER

PLAN PREPARED BY: HNTB NORTH CAROLINA

R. B. Early, PE PROJECT ENGINEER
J. A. Phillips PROJECT DESIGNER

LEGEND

GENERAL

- ← DIRECTION OF TRAFFIC FLOW
- ↑ NORTH ARROW
- PROPOSED PVMT. - - - - - EXIST. PVMT.

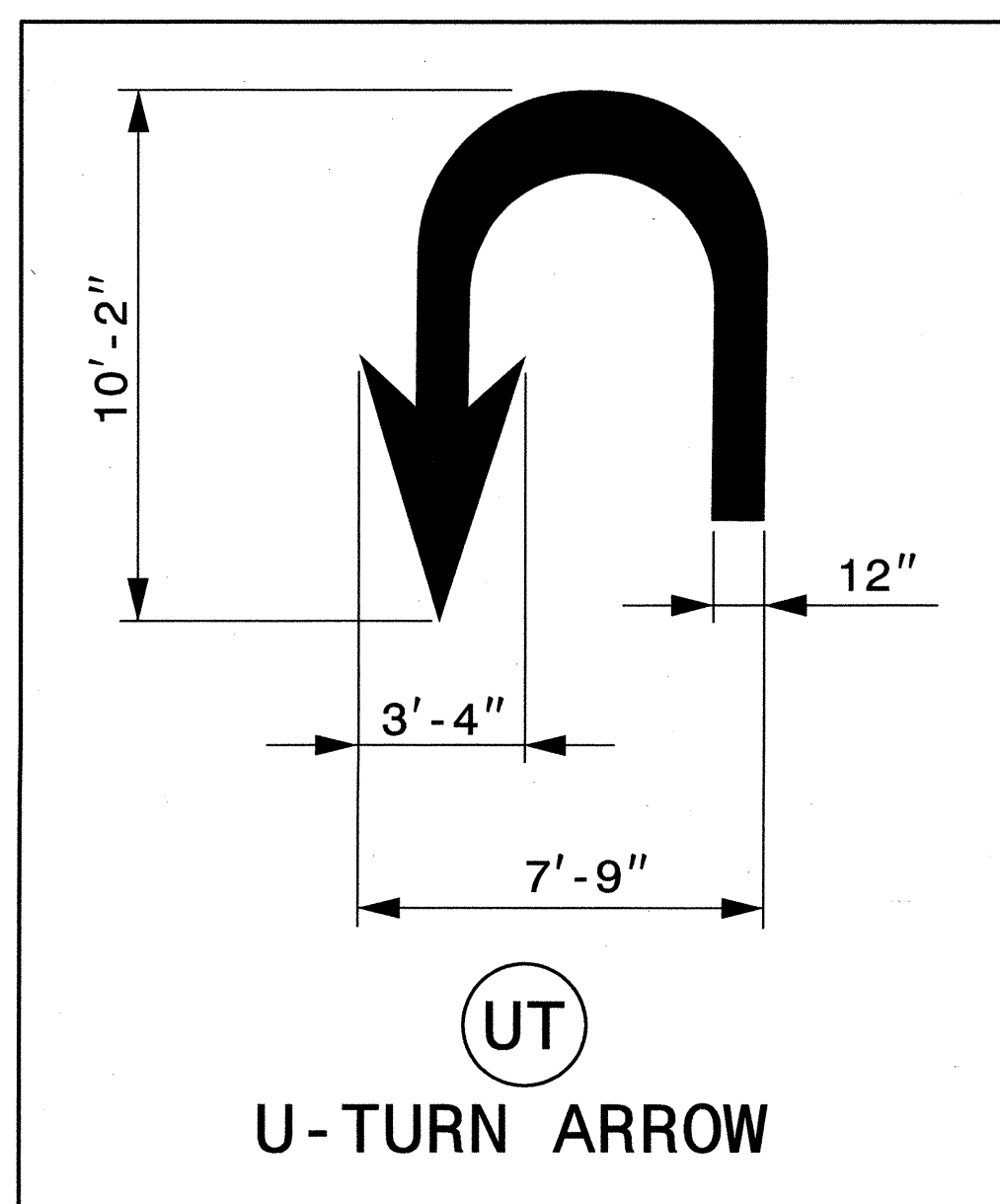
PAVEMENT MARKINGS

- CRYSTAL/CRYSTAL PAVEMENT MARKER
- ◆ YELLOW/YELLOW PAVEMENT MARKER
- CRYSTAL/RED PAVEMENT MARKER
- ↶ ↷ ↸ PAVEMENT MARKING SYMBOLS

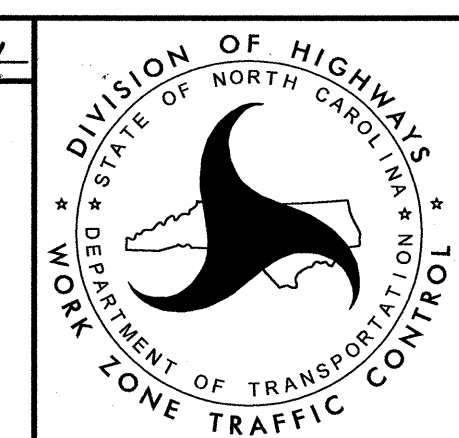
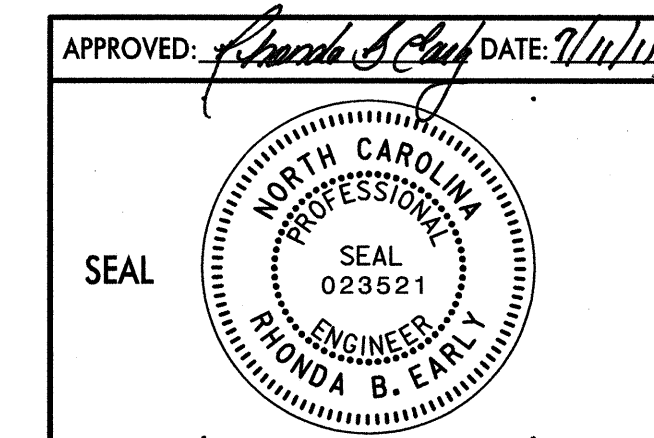
FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING LINES		
THERMOPLASTIC LINES (4", 90 MILS)		
	TA	WHITE EDGELINE
	TB	YELLOW EDGELINE
	TI	YELLOW DOUBLE CENTER LINE
THERMOPLASTIC LINES (4", 120 MILS)		
	TC	WHITE SKIP
	TD	WHITE MINISKIP (13' SPACING)
	T8	WHITE MINISKIP (8' SPACING)
	TE	WHITE SOLID LANE LINE
	TF	YELLOW SKIP
	TH	YELLOW SINGLE CENTER LINE
THERMOPLASTIC LINES (8", 90 MILS)		
	TP	WHITE GORE LINE
	TQ	WHITE DIAGONAL
	TT	YELLOW DIAGONAL
THERMOPLASTIC LINES (8", 120 MILS)		
	TV	WHITE CROSSWALK
THERMOPLASTIC LINES (24", 120 MILS)		
	T2	WHITE STOPBAR
THERMOPLASTIC SYMBOLS (90 MILS)		
	UA	LEFT TURN ARROW
	UB	RIGHT TURN ARROW
	UC	STRAIGHT ARROW
	UE	STRAIGHT / RIGHT COMBO
	UF	LEFT / RIGHT COMBO
	UG	LEFT / STRAIGHT / RIGHT COMBO
	UT	U-TURN SYMBOL

RAISED PAVEMENT MARKERS (PERMANENT)	
	TYPE 2 YELLOW & YELLOW
	TYPE 3 CRYSTAL & RED



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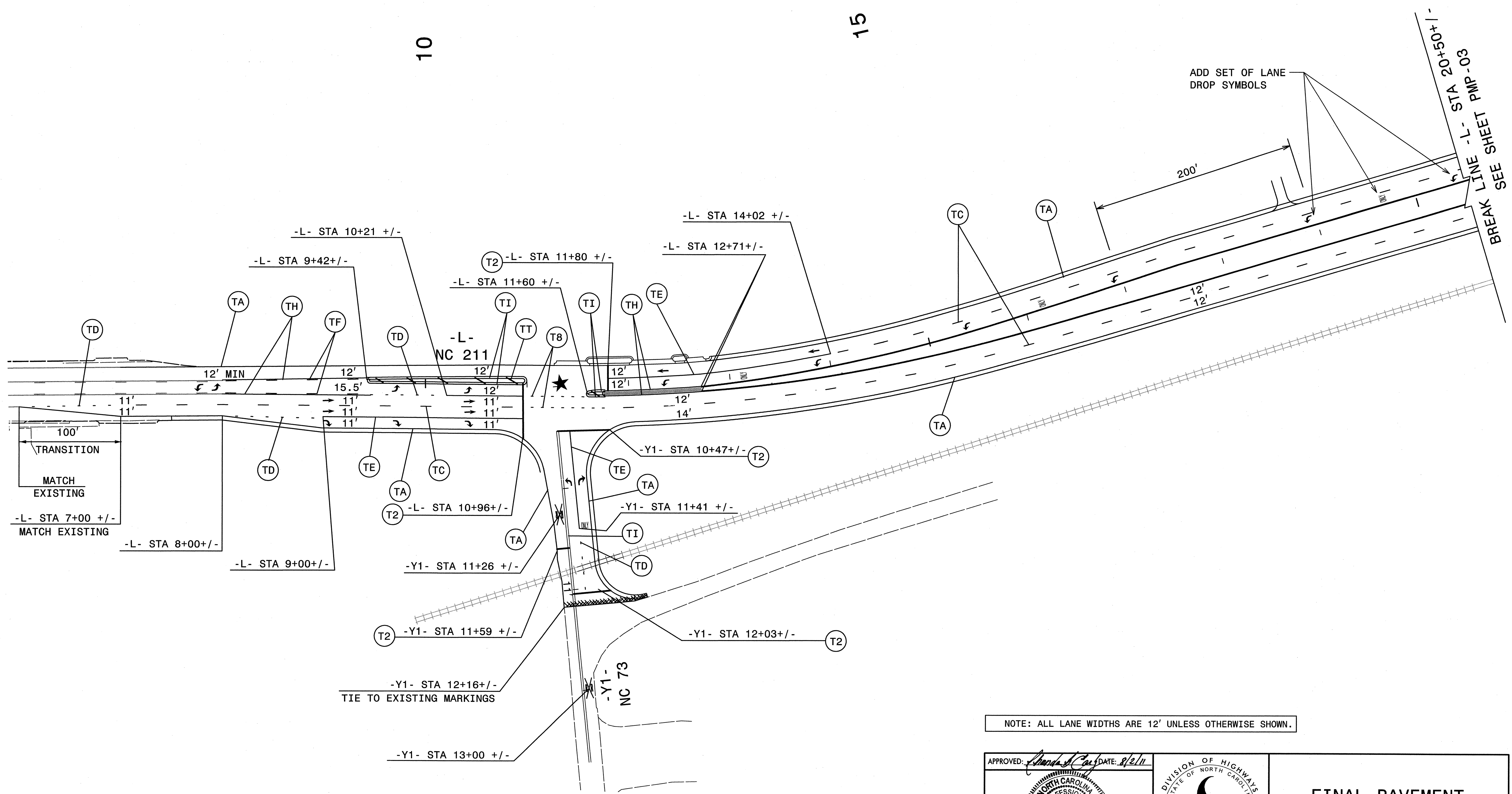


**PAVEMENT MARKING
LEGEND AND SCHEDULE**

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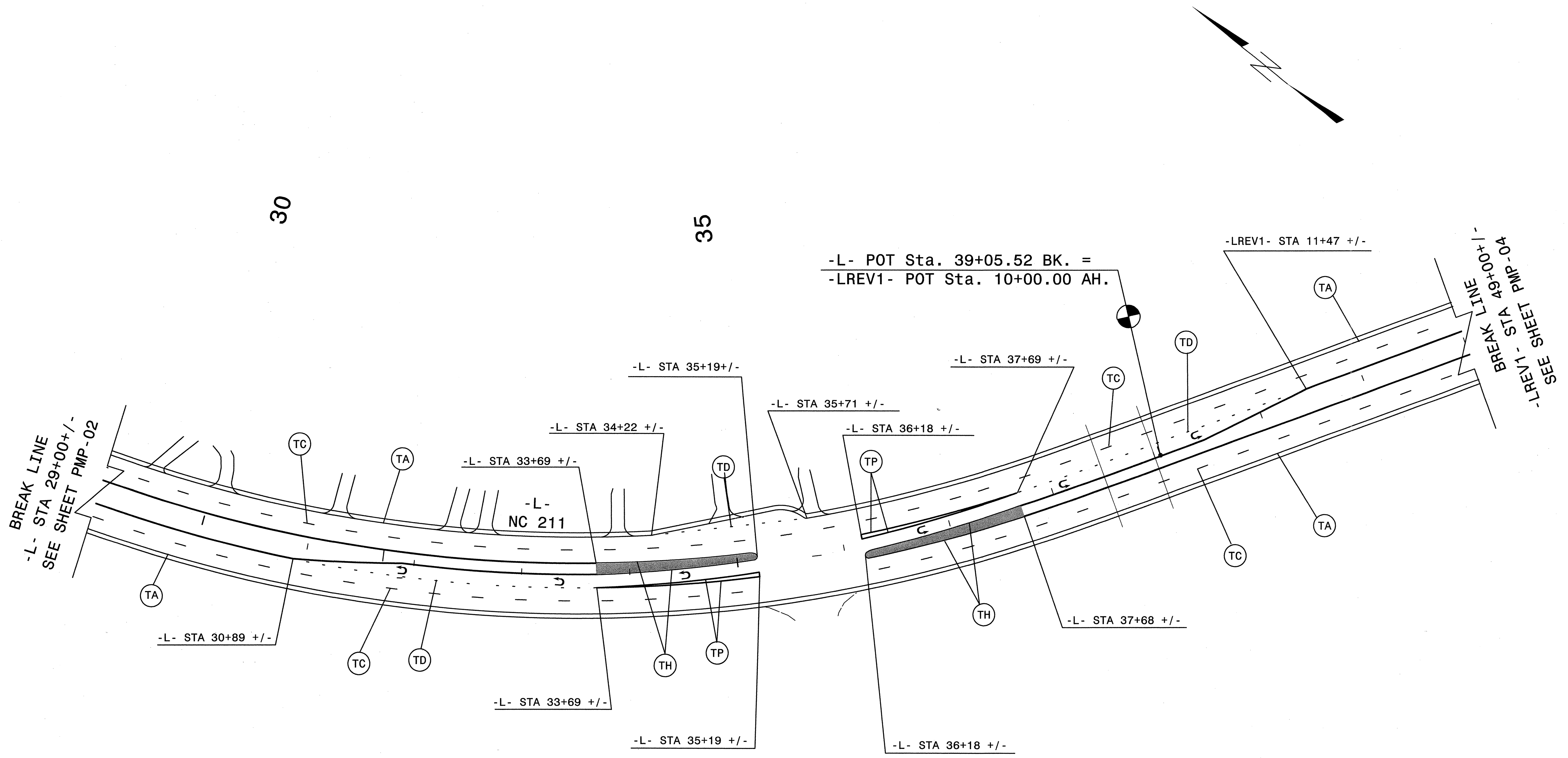
NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

APPROVED: *[Signature]* DATE: 8/2/11

DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

FINAL PAVEMENT MARKING PLAN

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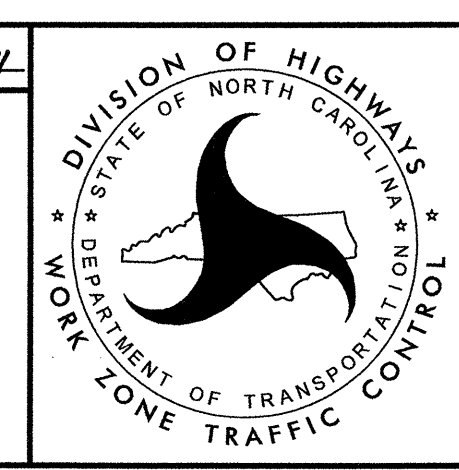


NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

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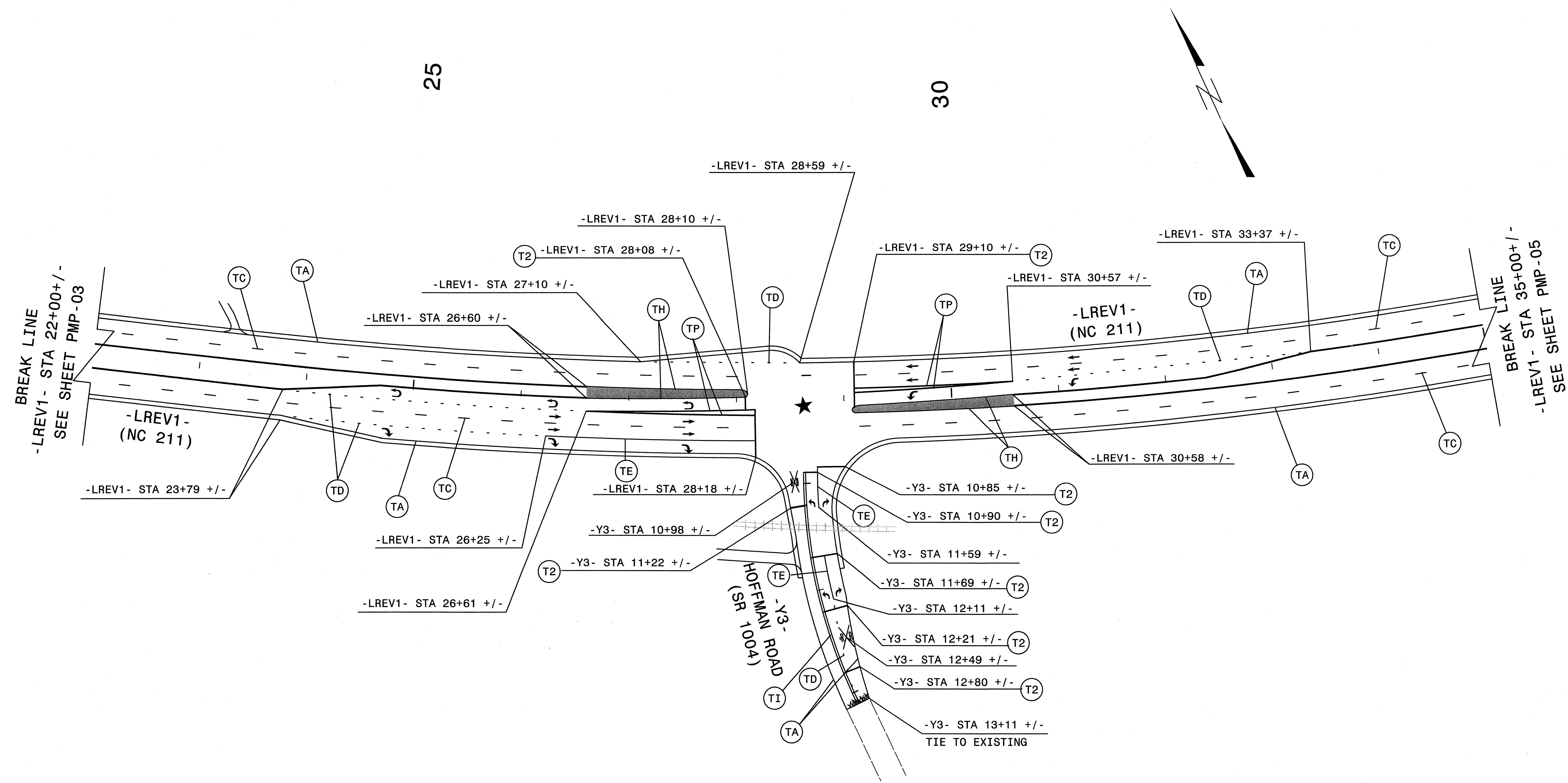
SEAL

NORTH CAROLINA
 PROFESSIONAL ENGINEER
 SEAL
 023521
 RYONDA B. EARLY



FINAL PAVEMENT
 MARKING PLAN

\$\$\$\$\$SYTIME\$\$\$\$\$
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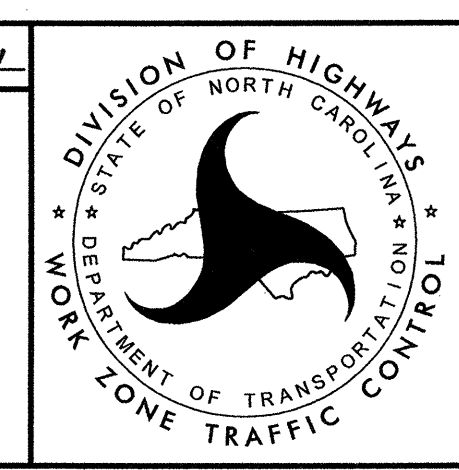
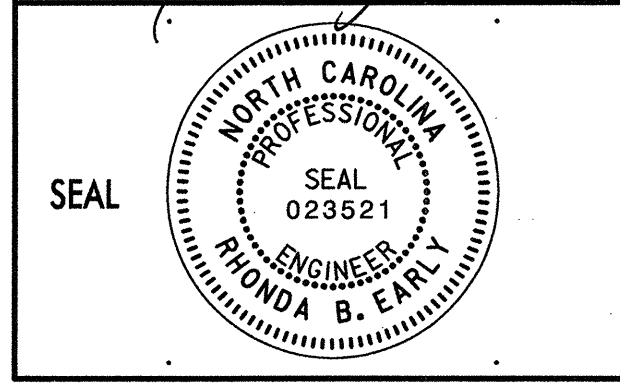


BREAK LINE
 -LREV1- STA 22+00 +/-
 SEE SHEET PMP-03

BREAK LINE
 -LREV1- STA 35+00 +/-
 SEE SHEET PMP-05

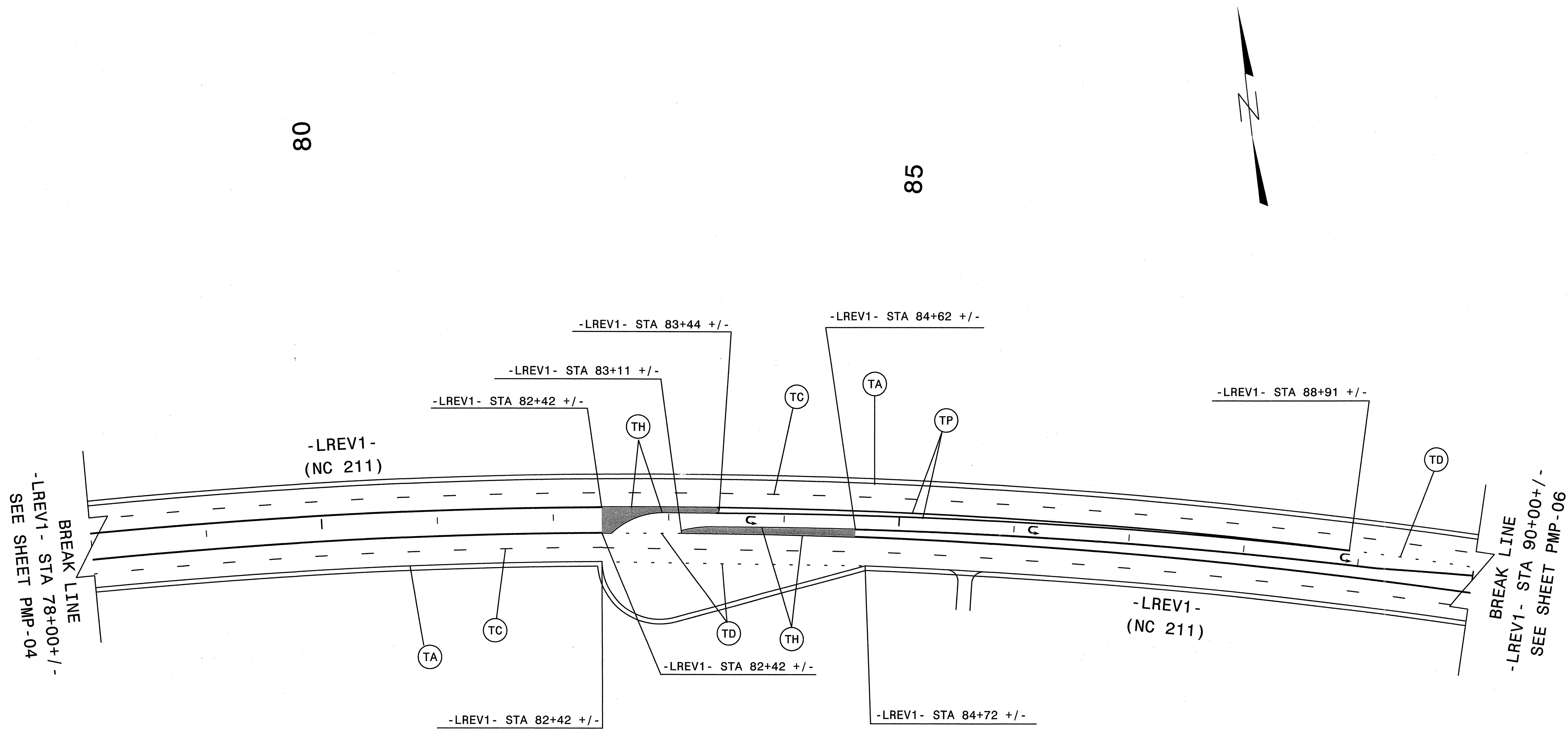
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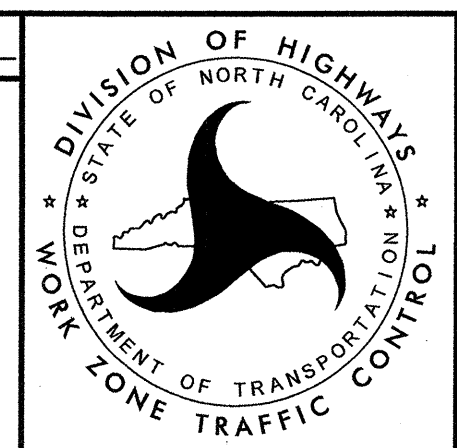
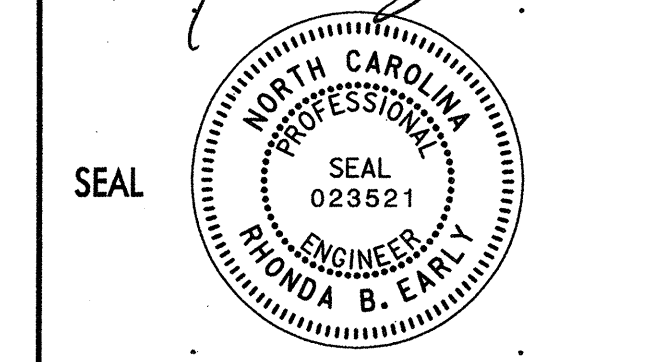
**FINAL PAVEMENT
 MARKING PLAN**

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 USER: [unreadable]



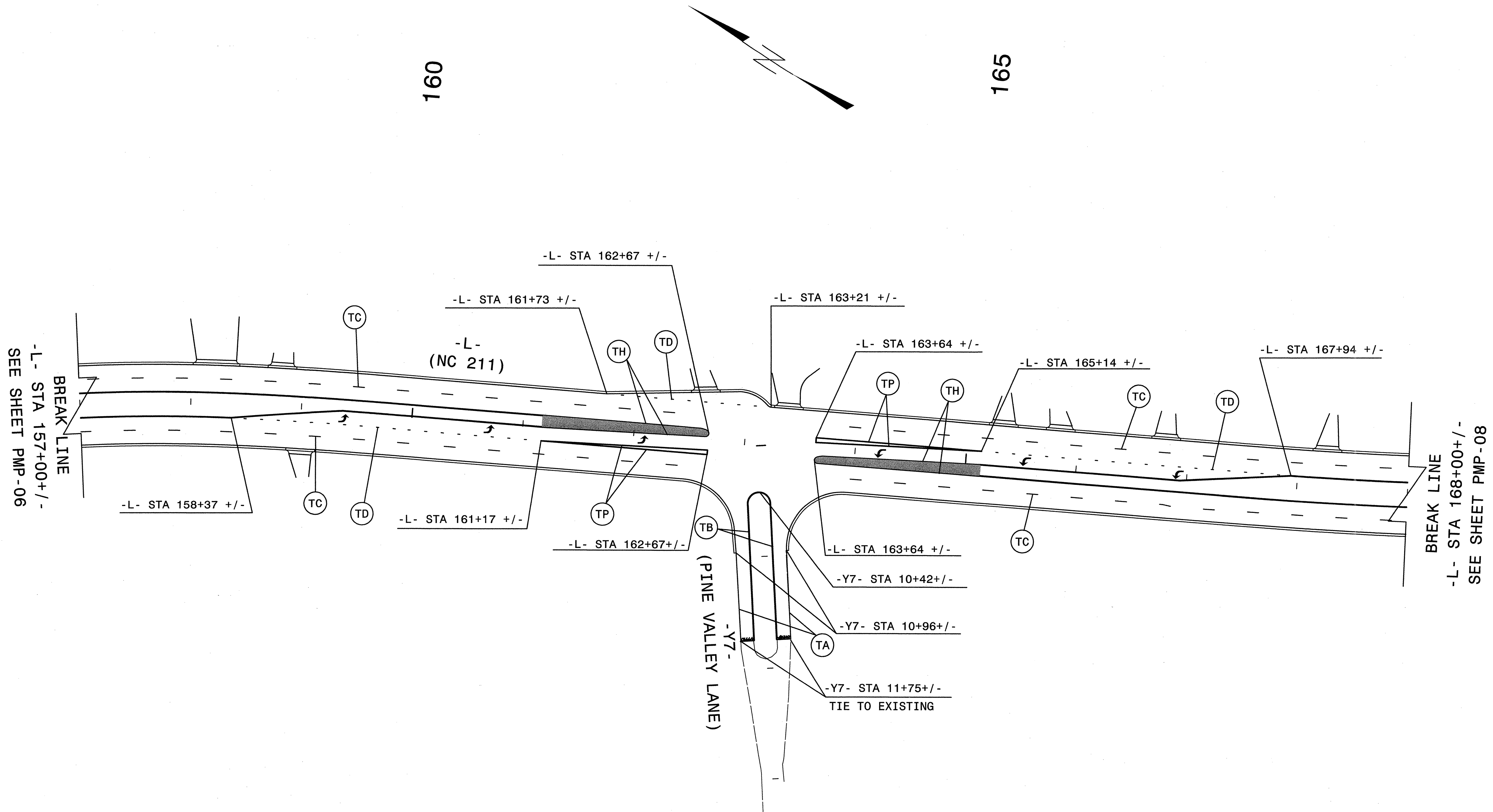
NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

APPROVED: *Phonda B. Early* DATE: 6/30/11



FINAL PAVEMENT MARKING PLAN

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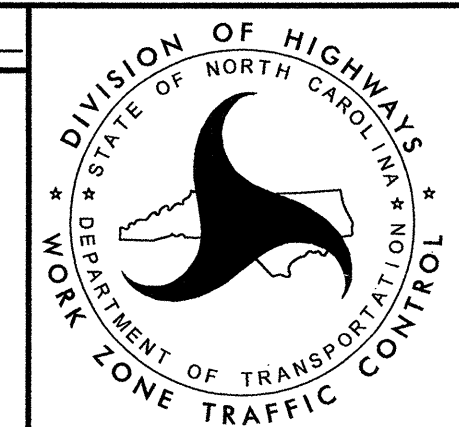
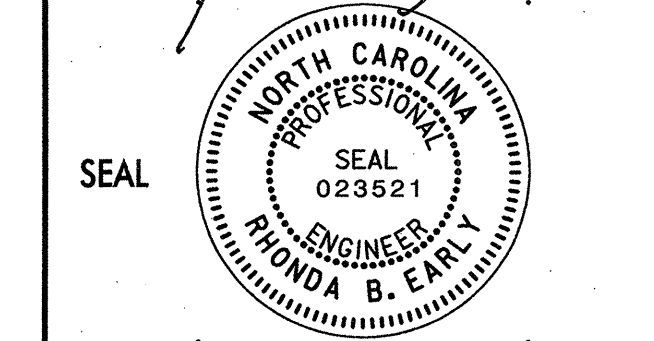


BREAK LINE
-L- STA 157+00 +/-
SEE SHEET PMP-06

BREAK LINE
-L- STA 168+00 +/-
SEE SHEET PMP-08

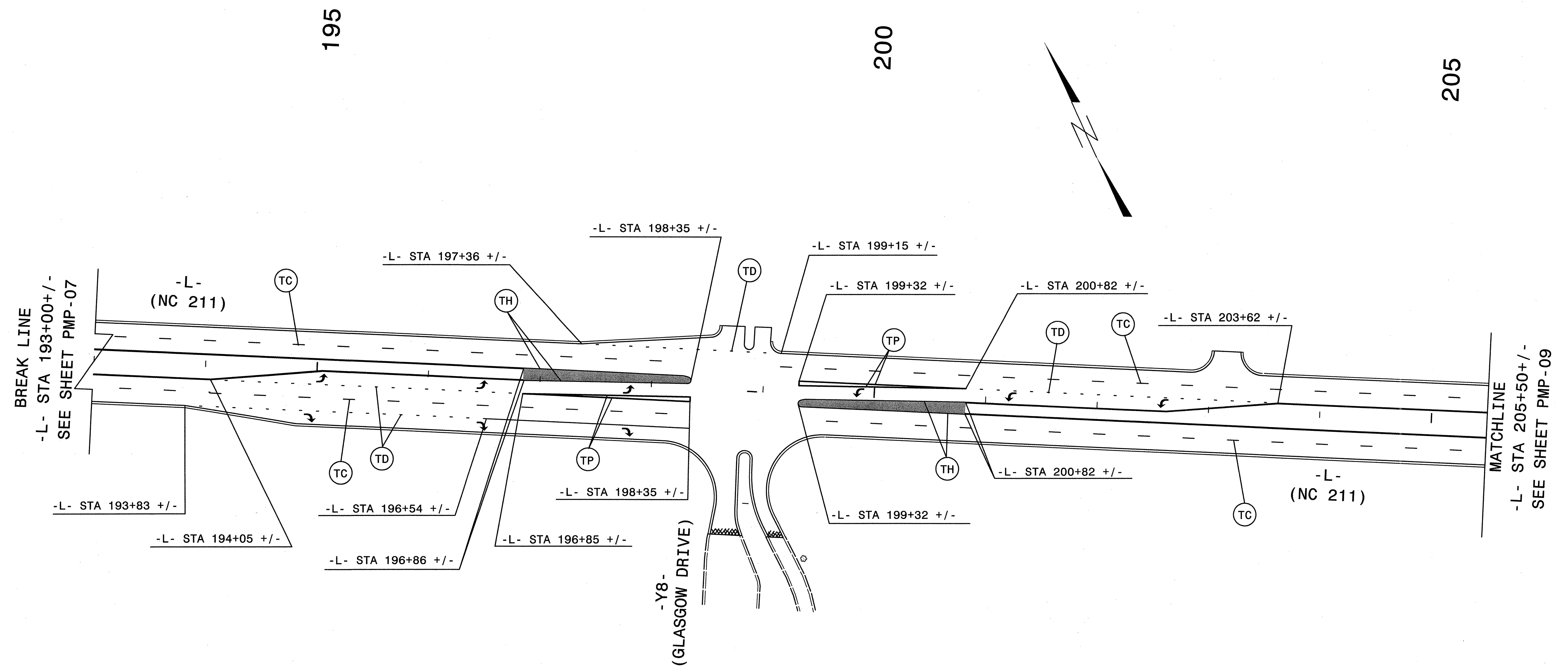
NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

APPROVED: *Phonda B. Early* DATE: *6/30/11*



**FINAL PAVEMENT
MARKING PLAN**

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BREAK LINE
 -L- STA 193+00 +/-
 SEE SHEET PMP-07

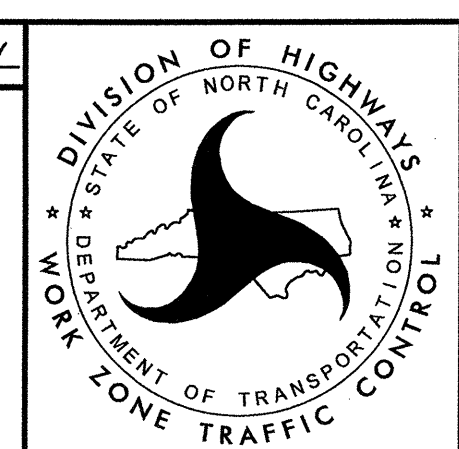
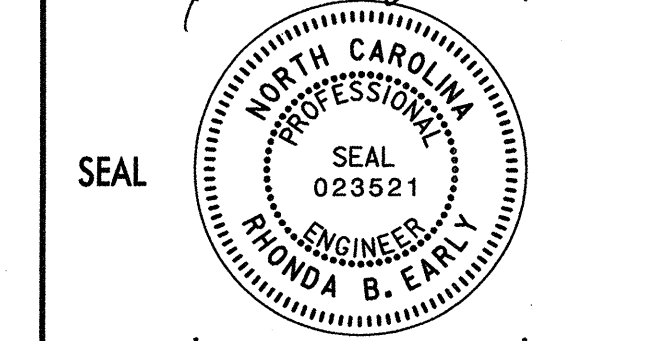
MATCHLINE
 -L- STA 205+50 +/-
 SEE SHEET PMP-09

-Y8-
 (GLASGOW DRIVE)

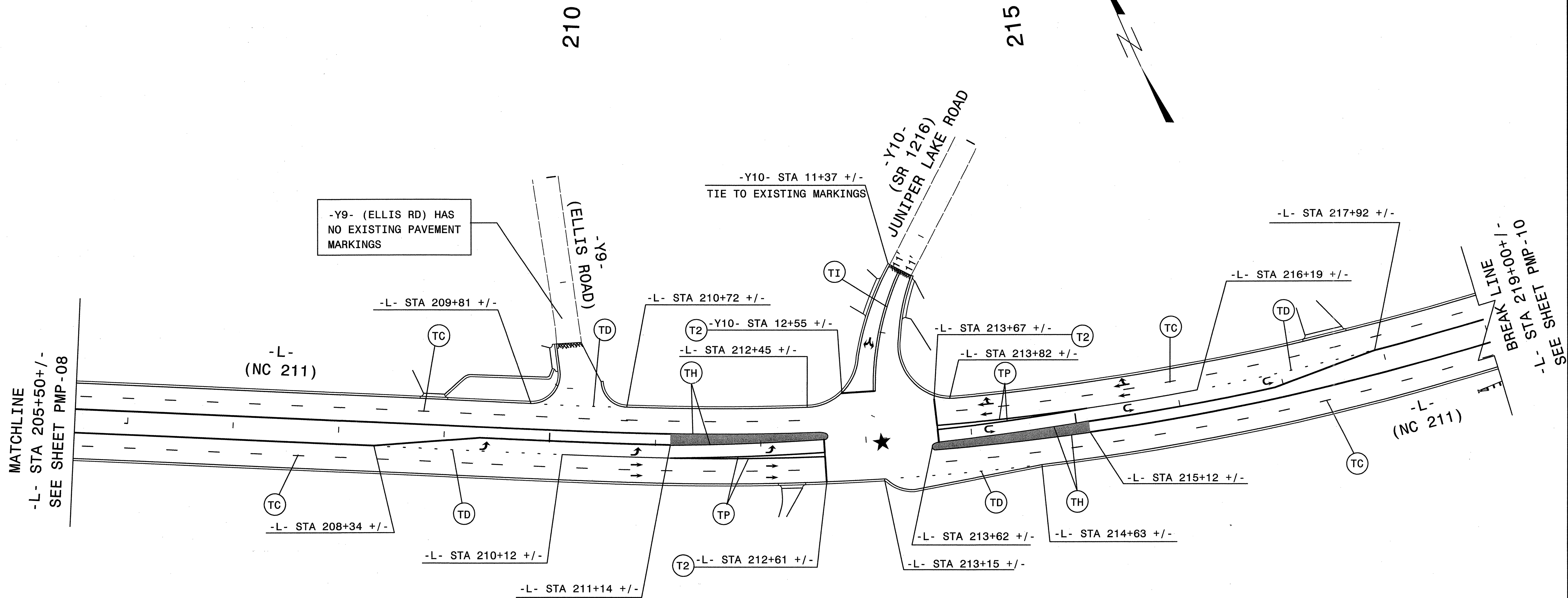
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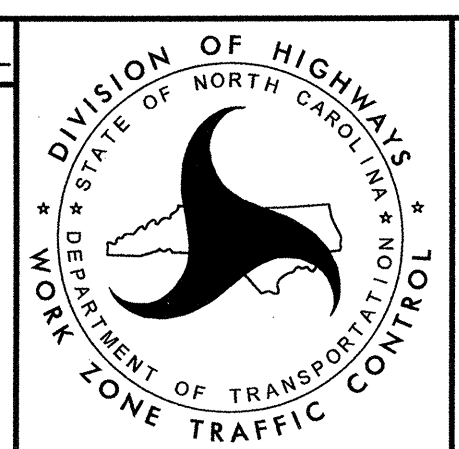
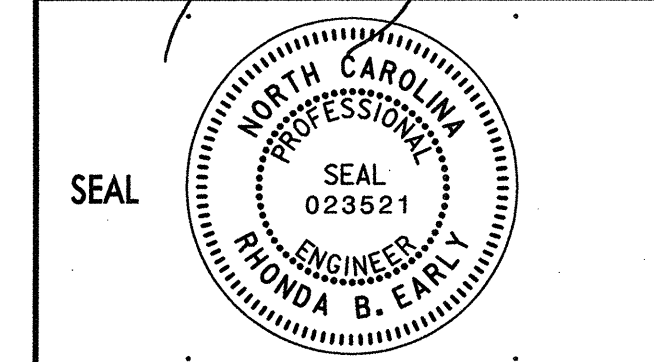


**FINAL PAVEMENT
 MARKING PLAN**



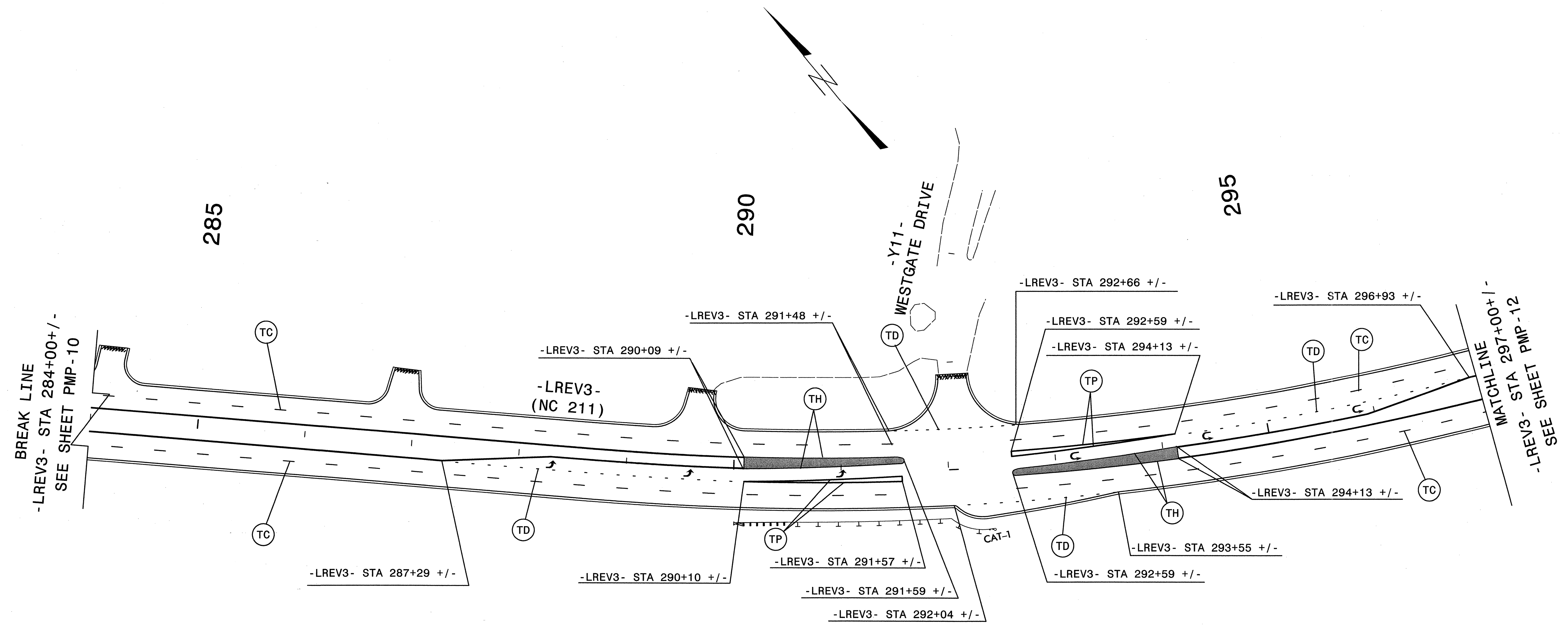
NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

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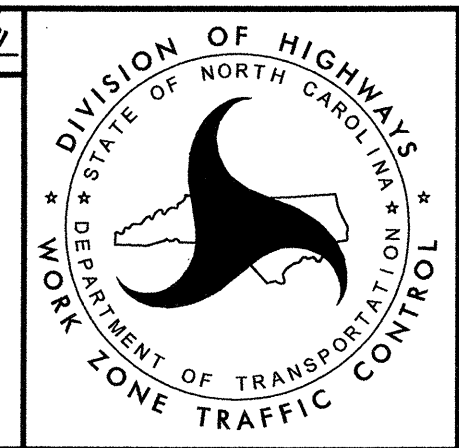
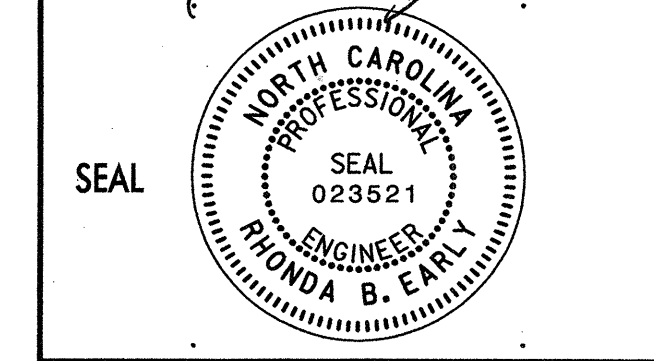
FINAL PAVEMENT MARKING PLAN

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\$\$\$\$\$SERNAME\$\$\$\$\$



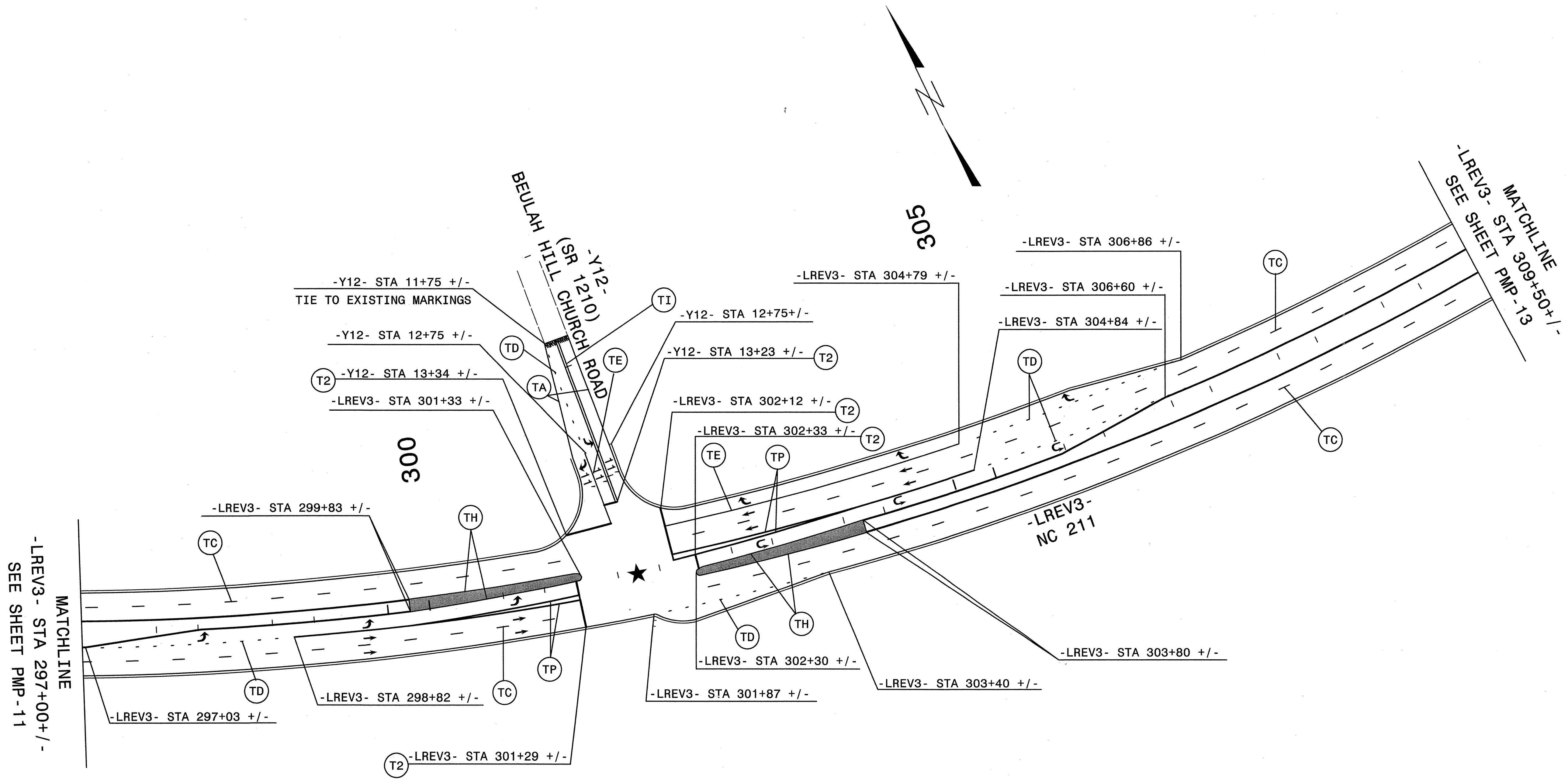
NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

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FINAL PAVEMENT MARKING PLAN

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\$\$\$\$\$SERNAME\$\$\$\$\$



MATCHLINE
-LREV3- STA 297+00+/-
SEE SHEET PMP-11

MATCHLINE
-LREV3- STA 309+50+/-
SEE SHEET PMP-13

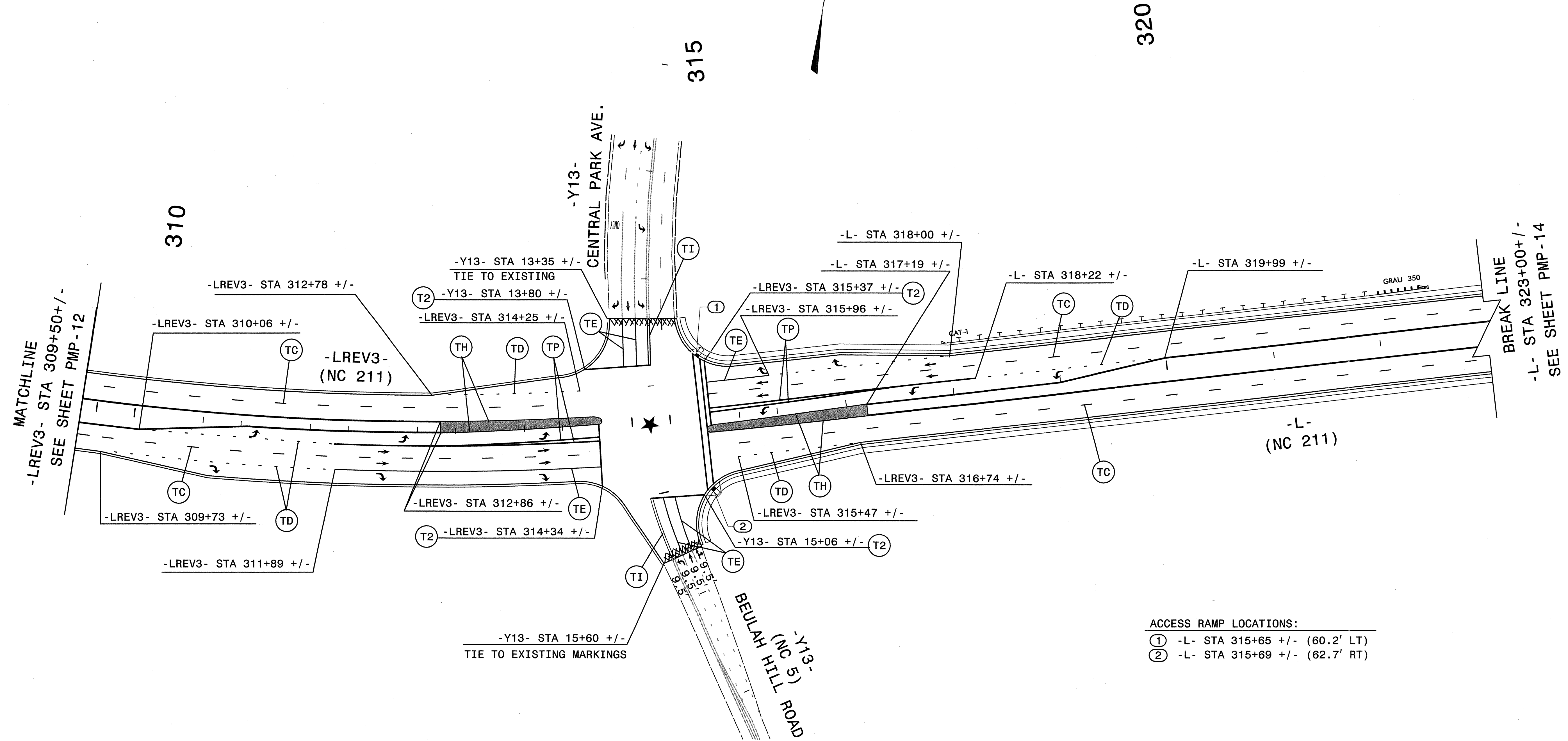
NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

APPROVED: *[Signature]* DATE: *10/20/11*

SEAL

FINAL PAVEMENT MARKING PLAN

\$\$\$\$\$SYTIME\$\$\$\$\$
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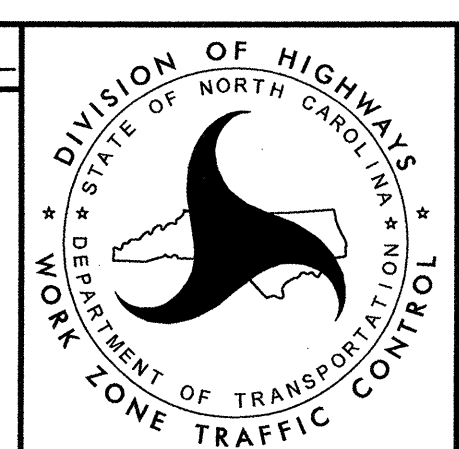
ACCESS RAMP LOCATIONS:
 ① -L- STA 315+65 +/- (60.2' LT)
 ② -L- STA 315+69 +/- (62.7' RT)

NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

APPROVED: *[Signature]* DATE: 6/30/11

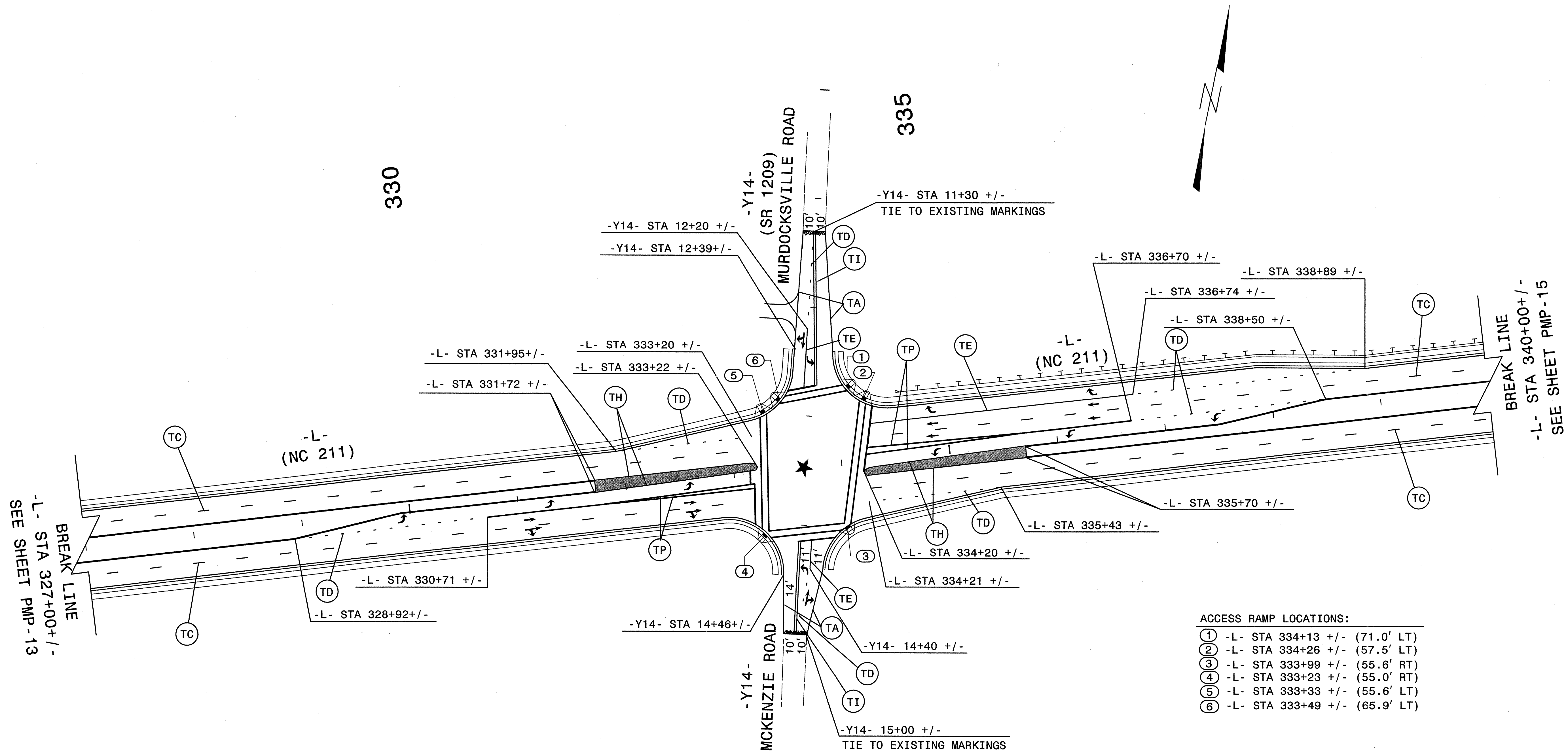
SEAL

NORTH CAROLINA
 PROFESSIONAL ENGINEER
 SEAL 023521
 PHONDA B. EARLY



FINAL PAVEMENT MARKING PLAN

\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$SERNAME\$\$\$

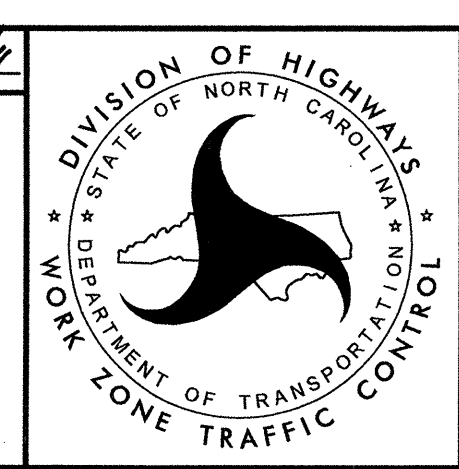


- ACCESS RAMP LOCATIONS:
- ① -L- STA 334+13 +/- (71.0' LT)
 - ② -L- STA 334+26 +/- (57.5' LT)
 - ③ -L- STA 333+99 +/- (55.6' RT)
 - ④ -L- STA 333+23 +/- (55.0' RT)
 - ⑤ -L- STA 333+33 +/- (55.6' LT)
 - ⑥ -L- STA 333+49 +/- (65.9' LT)

NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

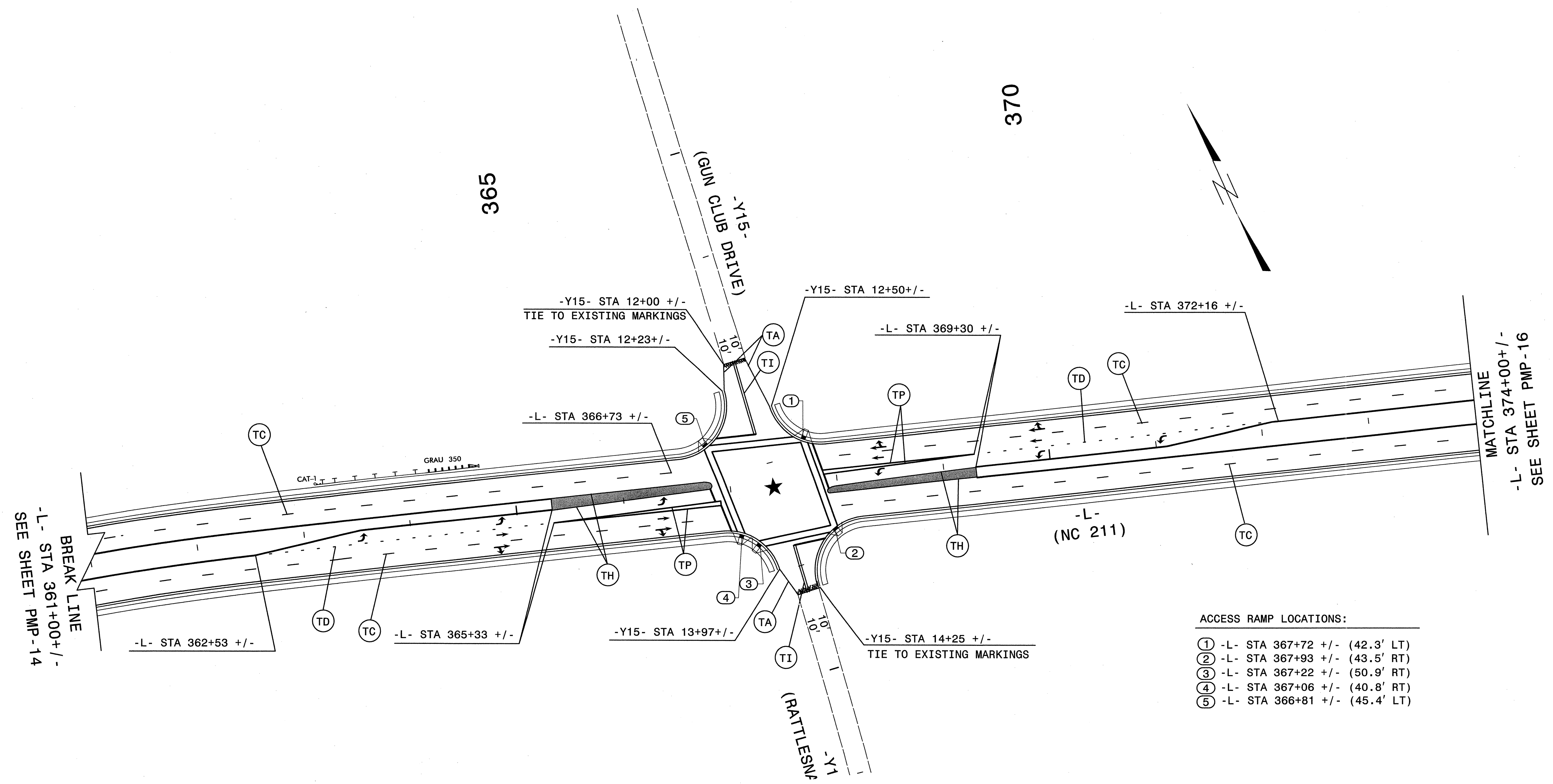
APPROVED: *[Signature]* DATE: 6/30/16

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FINAL PAVEMENT MARKING PLAN

\$\$\$\$\$SYSTEM\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$



BREAK LINE
 -L- STA 361+00 +/-
 SEE SHEET PMP-14

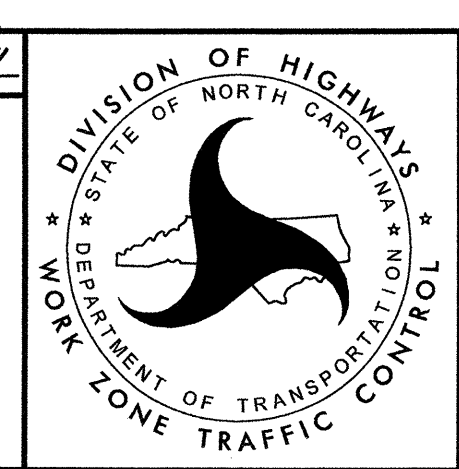
MATCHLINE
 -L- STA 374+00 +/-
 SEE SHEET PMP-16

- ACCESS RAMP LOCATIONS:
- ① -L- STA 367+72 +/- (42.3' LT)
 - ② -L- STA 367+93 +/- (43.5' RT)
 - ③ -L- STA 367+22 +/- (50.9' RT)
 - ④ -L- STA 367+06 +/- (40.8' RT)
 - ⑤ -L- STA 366+81 +/- (45.4' LT)

NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

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SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 PRONDA B. EARLY
 023521

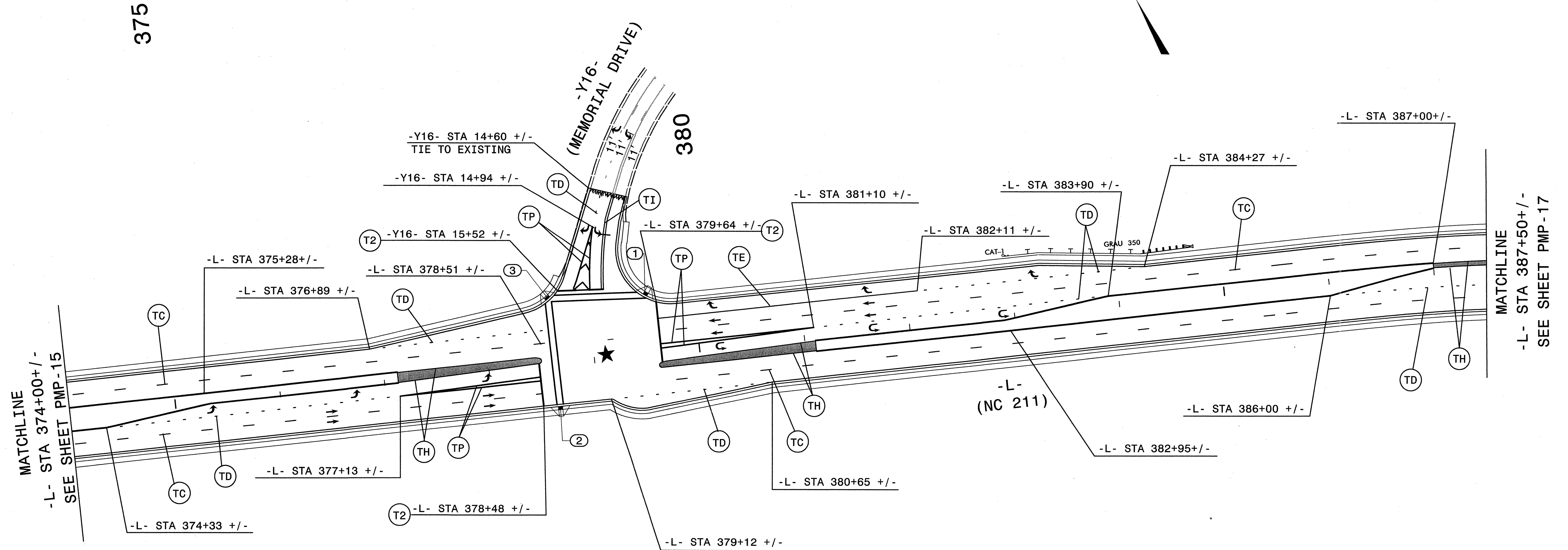


FINAL PAVEMENT MARKING PLAN

\$\$\$\$\$SYTIME\$\$\$\$\$
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ACCESS RAMP LOCATIONS:

- ① -L- STA 379+54 +/- (58.7' LT)
- ② -L- STA 378+63 +/- (37.5' RT)
- ③ -L- STA 378+62 +/- (64.8' LT)



NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

APPROVED: *[Signature]* DATE: *6/30/11*

SEAL

DIVISION OF HIGHWAYS
 NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

FINAL PAVEMENT MARKING PLAN

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