

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WAKE COUNTY**

**LOCATION: PROPOSED GRADE-SEPARATION OF DURANT ROAD (SR 2006)
OVER CSX S LINE RAILROAD IN RALEIGH**

T.I.P.: P-5720

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 2024 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
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE
PMP-1A	PAVEMENT MARKING SCHEDULE
PMP-2 TO PMP-4	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.

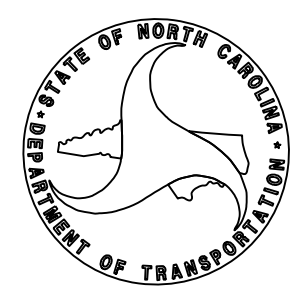
A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
DURANT ROAD	THERMOPLASTIC	NON-CAST IRON SNOWPLOWABLE
HAWKSMORE DRIVE	THERMOPLASTIC	NON-CAST IRON SNOWPLOWABLE
LESLIESHIRE DRIVE	THERMOPLASTIC	NON-CAST IRON SNOWPLOWABLE
GARVET DRIVE	THERMOPLASTIC	NON-CAST IRON SNOWPLOWABLE
ACCESS ROAD -Y2- BRIDGE	NONE	NONE
	COLD APPLIED PLASTIC	PERMANENT 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 CONCRETE BRIDGE DECKS PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKINGS.
- F) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.
- G) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PLASTIC PAY ITEM.
- H) 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.
- I) ALL BICYCLE LANE SYMBOLS SHALL BE HEATED-IN-PLACE THERMOPLASTIC. SYMBOLS SHALL BE PAID FOR USING THE THE HEATED-IN-PLACE PAY ITEM.

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

A.I. ALQUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
MITCH EATON, P.E. SIGNING & DELINEATION PROJECT DESIGN ENGINEER



**DOCUMENT NOT CONSIDERED FINAL
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PLAN PREPARED FOR NCDOT BY: BOB A. MAY, P.E. PROJECT ENGINEER JESSE W. GILSTRAP TRAFFIC CONTROL ENGINEER SCOTT L. KENNEDY TRAFFIC CONTROL ENGINEER	APPROVED: <u>Bob A. May</u> DATE: <u>2/1/2024</u>
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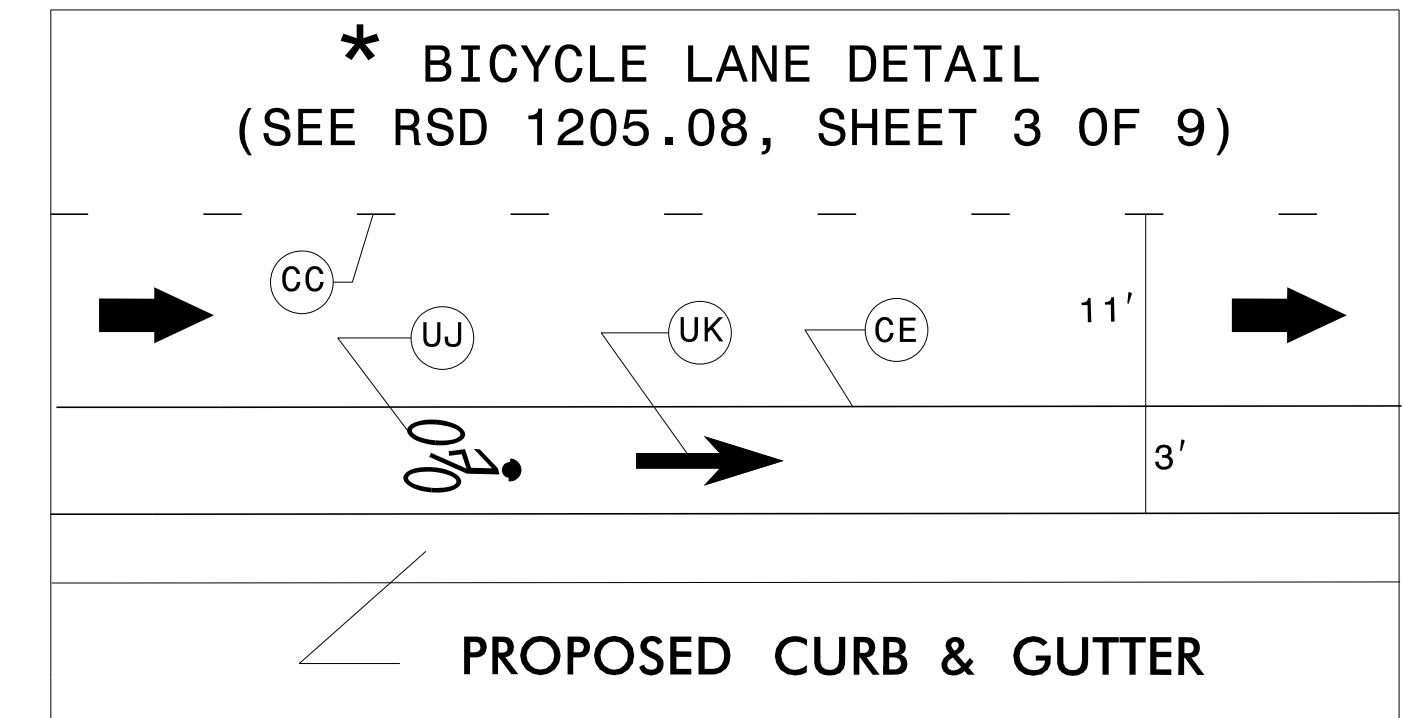
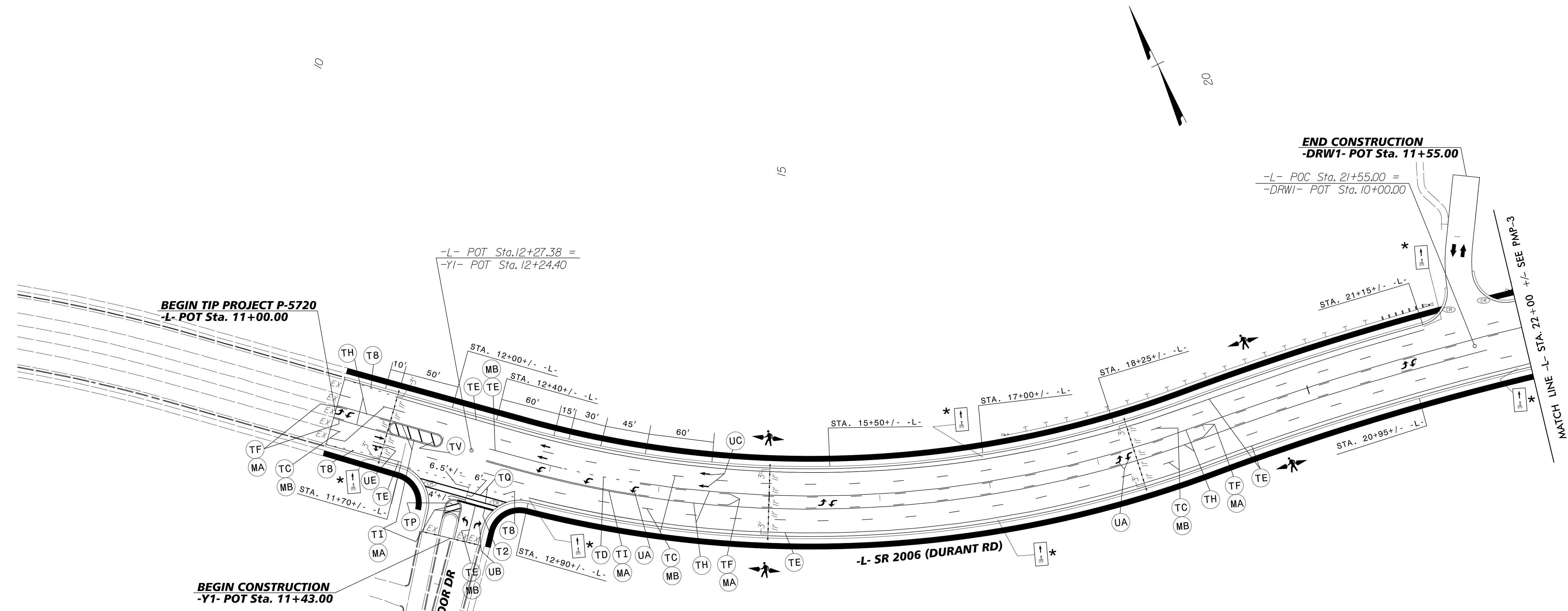
**PAVEMENT
MARKING SCHEDULE**

SYMBOL	DESCRIPTION	FINAL PAVEMENT MARKINGS
<u>COLD APPLIED PLASTIC (4") Type2 - Permanent High Performance</u>		
CC	10 FT. WHITE SKIP	
CE	WHITE SOLID LANE LINE	
CF	10 FT. YELLOW SKIP	
CH	YELLOW SINGLE CENTER	
<u>THERMOPLASTIC (4", 90 MILS)</u>		
T8	2 FT. - 6 FT./SP WHITE MINISKIP	
TC	10 FT. WHITE SKIP	
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	
<u>THERMOPLASTIC (8", 90 MILS)</u>		
TP	YELLOW DIAGONAL	
<u>THERMOPLASTIC (8", 90 MILS)</u>		
TQ	WHITE CROSSWALK LINE	
<u>THERMOPLASTIC (12", 90 MILS)</u>		
TV	YELLOW DIAGONAL	
<u>THERMOPLASTIC (24", 90 MILS)</u>		
T2	WHITE STOPBAR	
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>		
UA	LEFT TURN ARROW	
UB	RIGHT TURN ARROW	
UC	STRAIGHT ARROW	
UE	COMBO RIGHT/STRAIGHT ARROW	
UJ	BICYCLE SYMBOL, HEATED-IN-PLACE	
UK	BICYCLE STRAIGHT ARROW, HEATED-IN-PLACE	
<u>PERMANENT RAISED PAVEMENT MARKER</u>		
MA	YELLOW & YELLOW	
MB	CRYSTEL & RED	

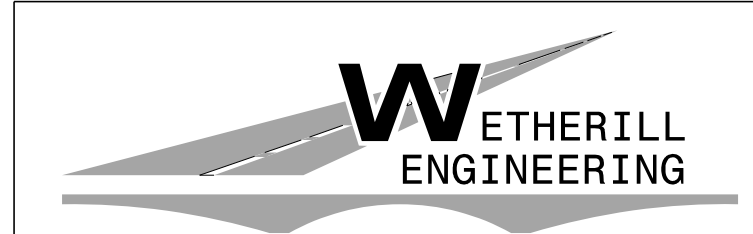
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<p>PLAN PREPARED FOR NCDOT BY:</p> <p>BOB A. MAY, P.E. PROJECT ENGINEER</p> <p>JESSE W. GILSTRAP TRAFFIC CONTROL ENGINEER</p> <p>SCOTT L. KENNEDY TRAFFIC CONTROL ENGINEER</p>	 <p>1223 Green Springs Road Durham, NC 27706 Phone: 919.286.1234 Fax: 919.286.1235</p>	<p>APPROVED: <u>Bob A. May</u></p> <p>DATE: 9/13/2021</p>
	 <p>SEAL</p>	




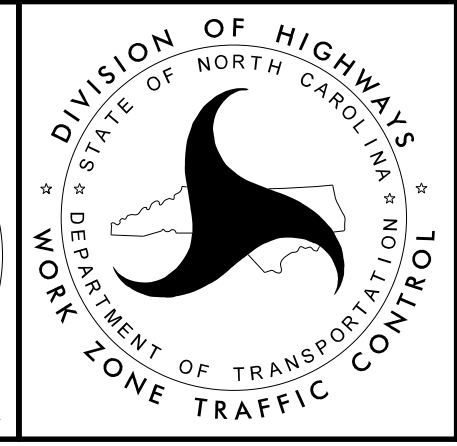
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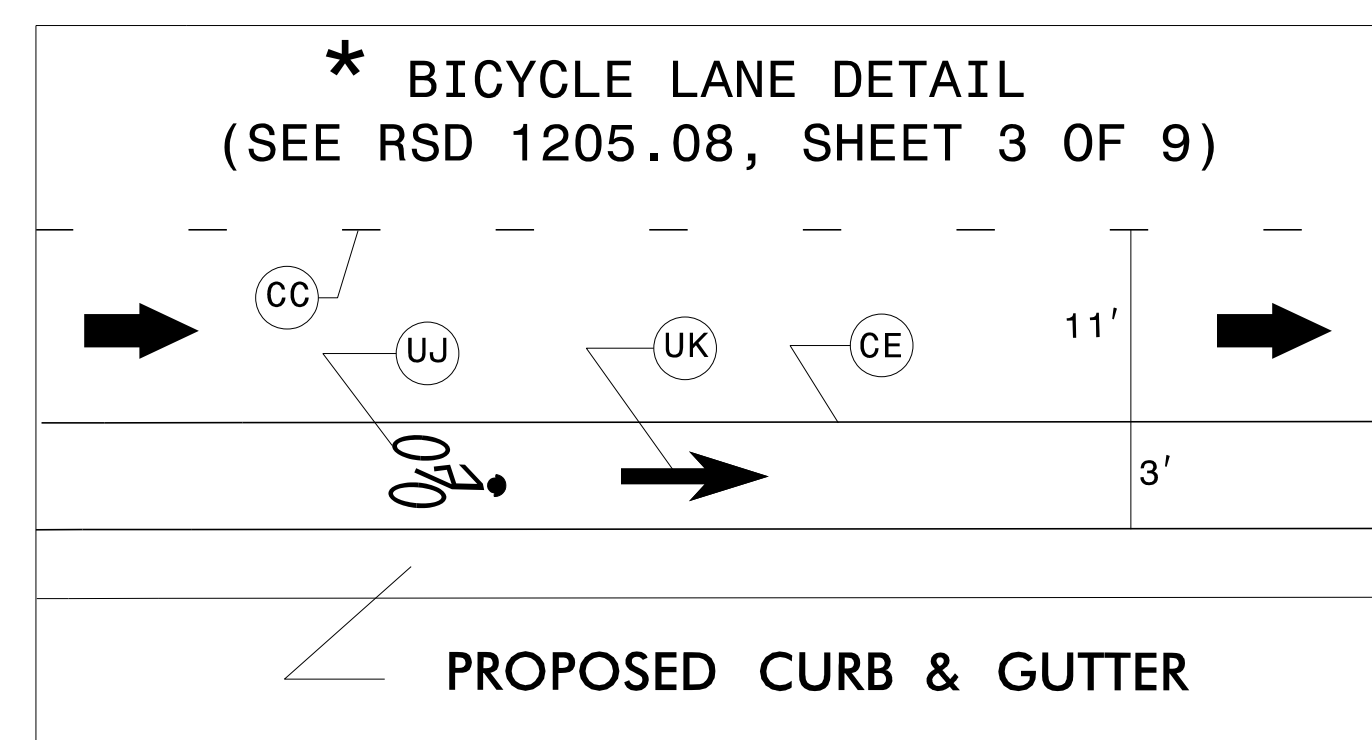
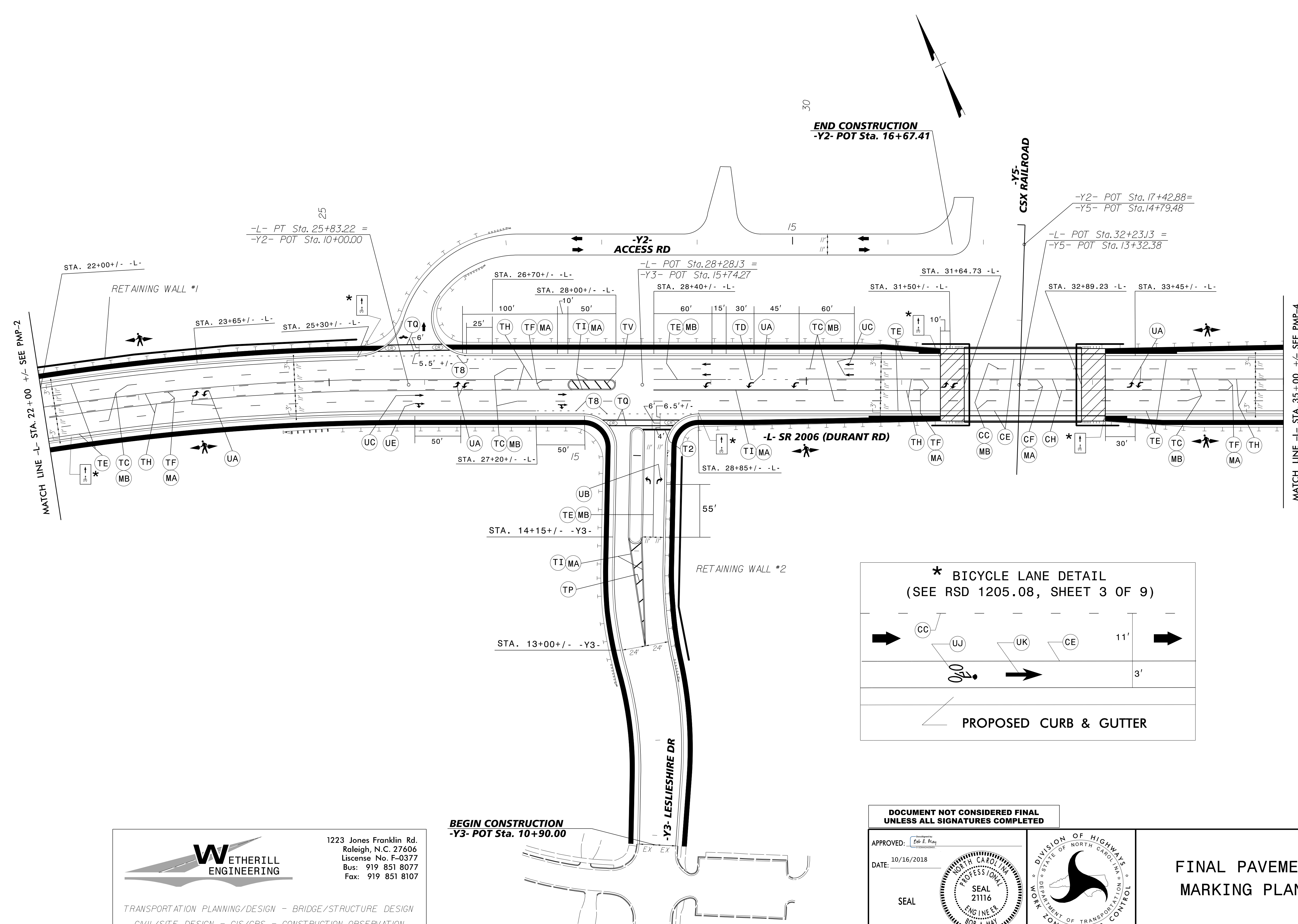
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DATE: 10/16/2018

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**FINAL PAVEMENT
MARKING PLANS**

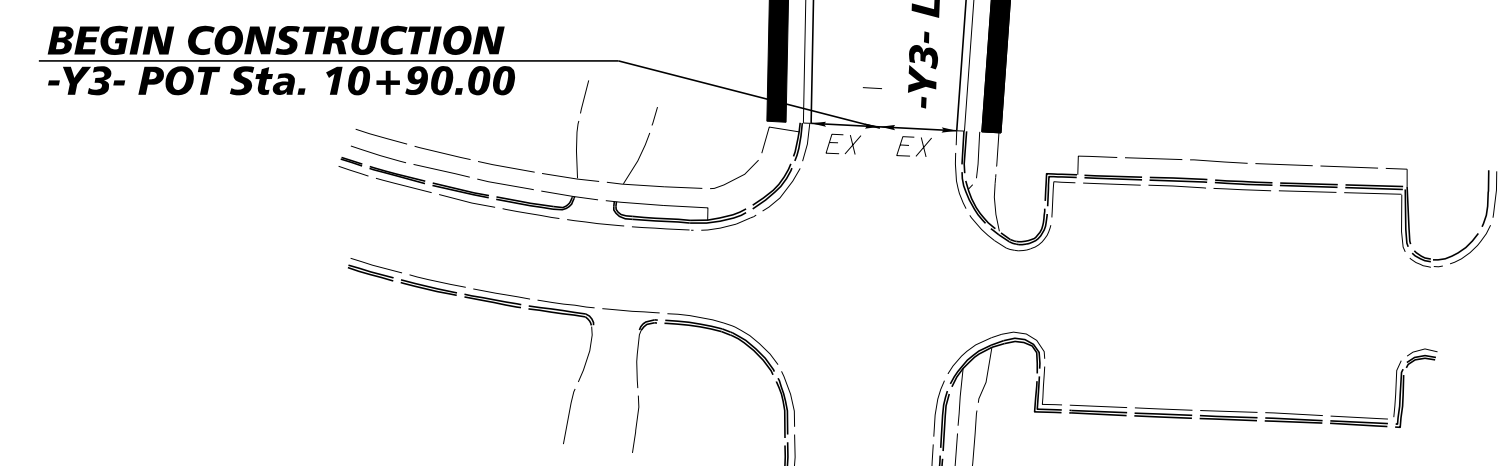
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



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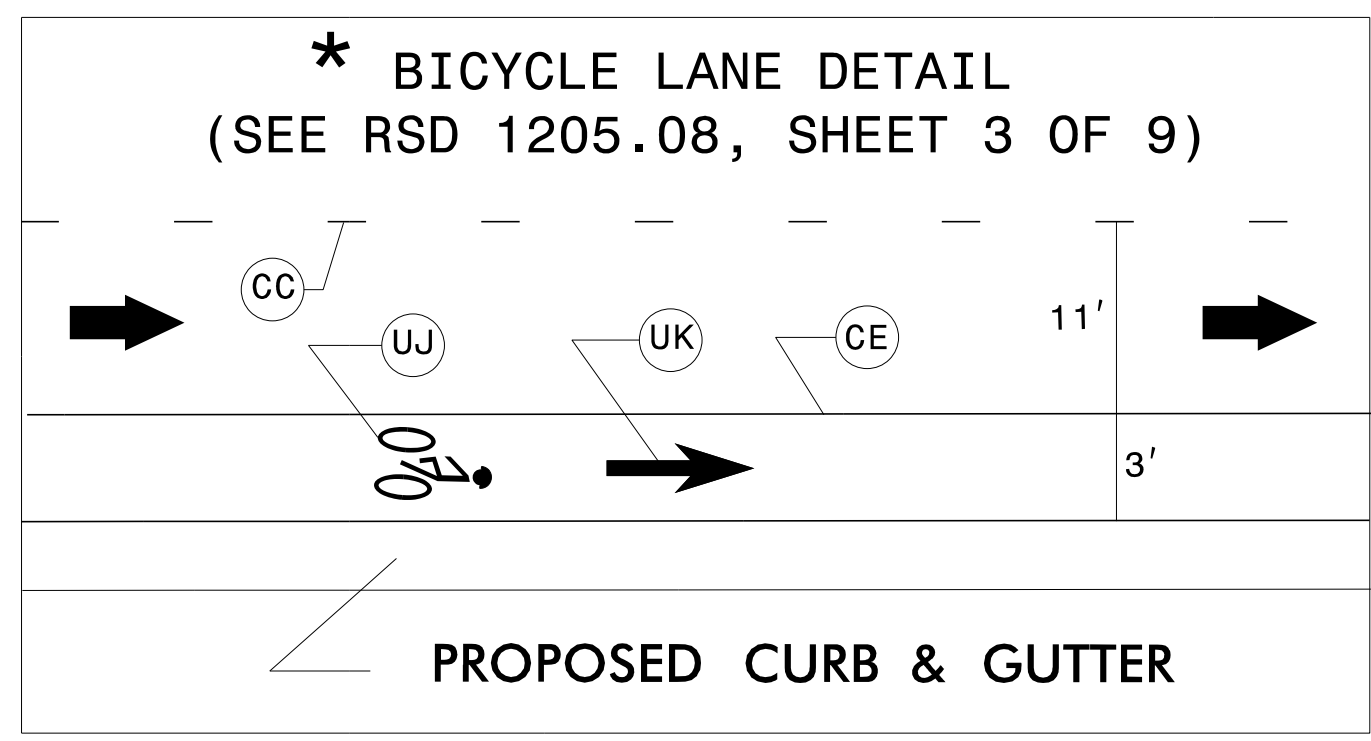
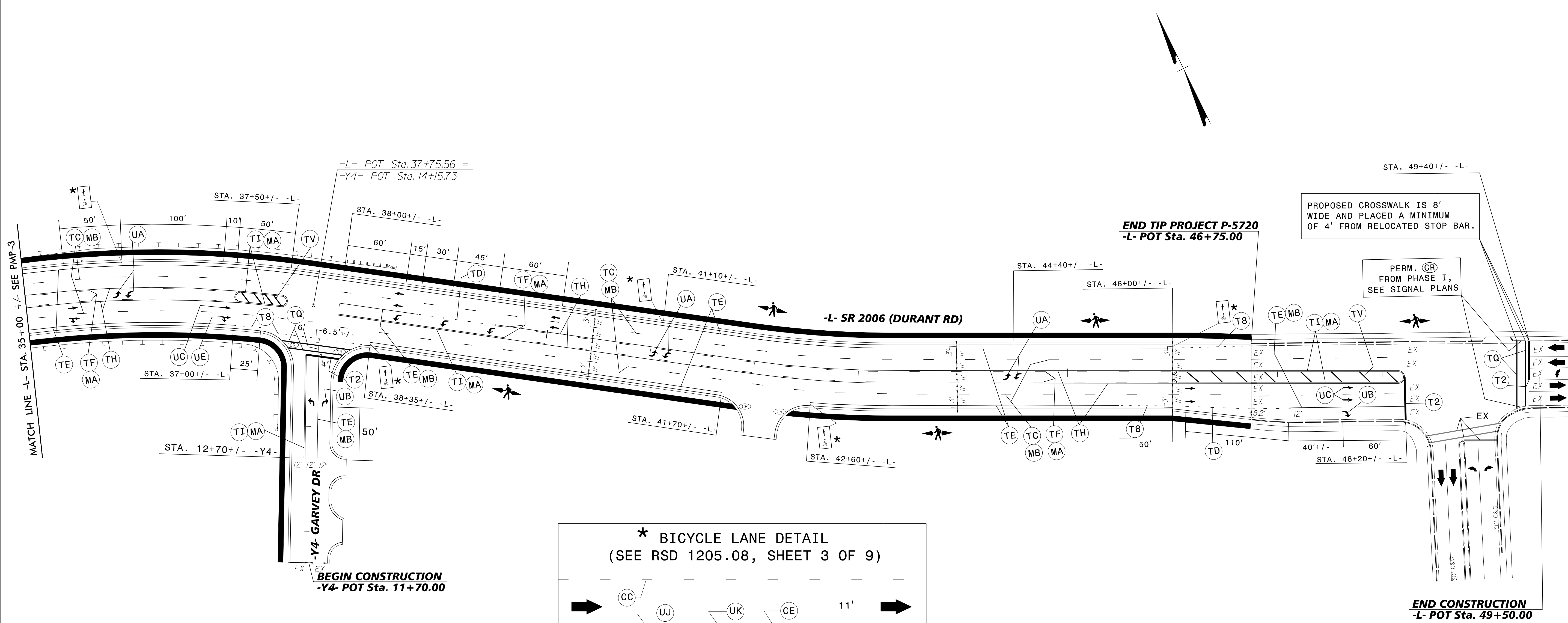
APPROVED: *Bob A. May*

DATE: 10/16/2018

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

FINAL PAVEMENT MARKING PLANS

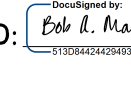


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APPROVED: 

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**FINAL PAVEMENT
MARKING PLANS**