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T.I.P.: R-5812

CONTRACT: C204358

**STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 GREENE COUNTY**

LOCATION: US 13 FROM NC 58 (KINGOLD BOULEVARD) TO NC 91

TIP NO. R-5812	SHEET NO. PMP-1
APPROVED: <i>Ron King</i>	
DATE: 8/1/2019	
	
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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 2018 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
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
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
ALL ROADS	THERMOPLASTIC	SNOWPLOWABLE
CONCRETE BRIDGE DECKS	POLYUREA	PERMANENT RAISED

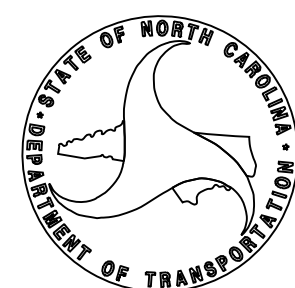
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.
- G) 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.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, ROADWAY STANDARD DRAWINGS, GENERAL NOTES, AND INDEX
PMP-1A	PAVEMENT MARKING SCHEDULE
PMP-2 THRU PMP-6	PAVEMENT MARKING DETAILS

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

AYMAN ALQUDWAH, P.E. SIGNING & DELINEATION STANDARDS ENGINEER
 MITCH EATON, P.E. SIGNING & DELINEATION PROJECT DESIGN ENGINEER

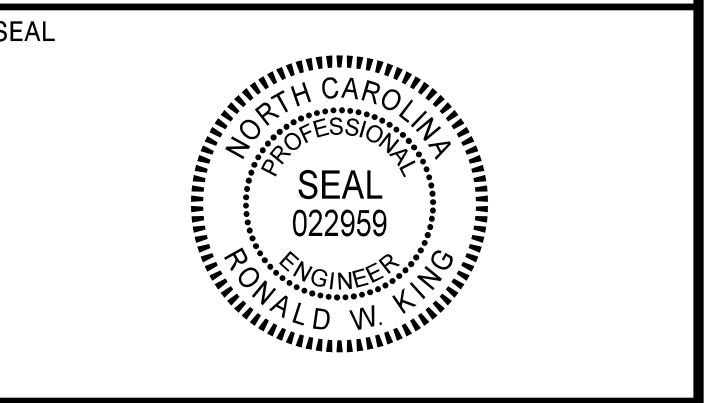


PLAN PREPARED BY: HDR ENGINEERING, INC. OF THE CAROLINAS

RON KING, P.E. SIGNING & DELINEATION PROJECT DESIGN ENGINEER
 CHRIS HARNDEN SIGNING & DELINEATION PROJECT DESIGN TECHNICIAN



APPROVED: *Ron King*
 DATE: 8/1/2019



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SCHEDULE

- (T2) THERMOPLASTIC 24" WHITE STOPBAR (90 MIL)
- (T8) THERMOPLASTIC 4" 2'-6'/SP. WHITE MINI-SKIP (90 MIL)
- (TA) THERMOPLASTIC 4" WHITE EDGELINE (90 MIL)
- (TB) THERMOPLASTIC 4" YELLOW EDGELINE (90 MIL)
- (TD) THERMOPLASTIC 4" 3'-9'/SP. WHITE MINI-SKIP (90 MIL)
- (TE) THERMOPLASTIC 4" WHITE SOLID LANE LINE (90 MIL)
- (TF) THERMOPLASTIC 4" 10'-30'/SP. YELLOW SKIP (90 MIL)
- (TH) THERMOPLASTIC 4" YELLOW SINGLE CENTER (90 MIL)
- (TI) THERMOPLASTIC 4" YELLOW DOUBLE CENTER (90 MIL)
- (TN) THERMOPLASTIC 8" WHITE GORELINE (90 MIL)
- (TQ) THERMOPLASTIC 8" WHITE CROSSWALK LINE (90 MIL)
- (TV) THERMOPLASTIC 12" YELLOW DIAGONAL (90 MIL)
- (UA) THERMOPLASTIC LEFT TURN ARROW (90 MIL)
- (UB) THERMOPLASTIC RIGHT TURN ARROW (90 MIL)
- (UC) THERMOPLASTIC STRAIGHT ARROW (90 MIL)
- (UD) THERMOPLASTIC COMBO LEFT-STRAIGHT ARROW (90 MIL)
- (UE) THERMOPLASTIC COMBO RIGHT-STRAIGHT ARROW (90 MIL)
- (UF) THERMOPLASTIC COMBO LEFT-RIGHT ARROW (90 MIL)
- (UN) THERMOPLASTIC 24" YIELD LINE TRIANGLE (90 MIL)

- (VA) POLYUREA 4" WHITE EDGELINE
- (VI) POLYUREA 4" YELLOW DOUBLE CENTER

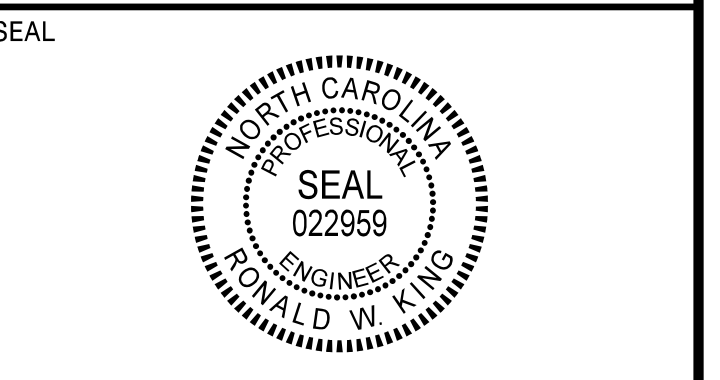
- (MA) YELLOW & YELLOW PERMANENT RAISED MARKER
- (ME) YELLOW & YELLOW SNOWPLOWABLE MARKER
- (MF) CRYSTAL & RED SNOWPLOWABLE MARKER

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PAVEMENT MARKING SCHEDULE

APPROVED: *Ron King*

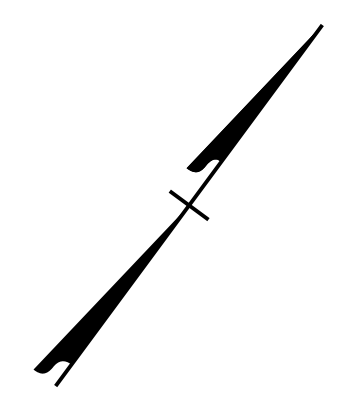
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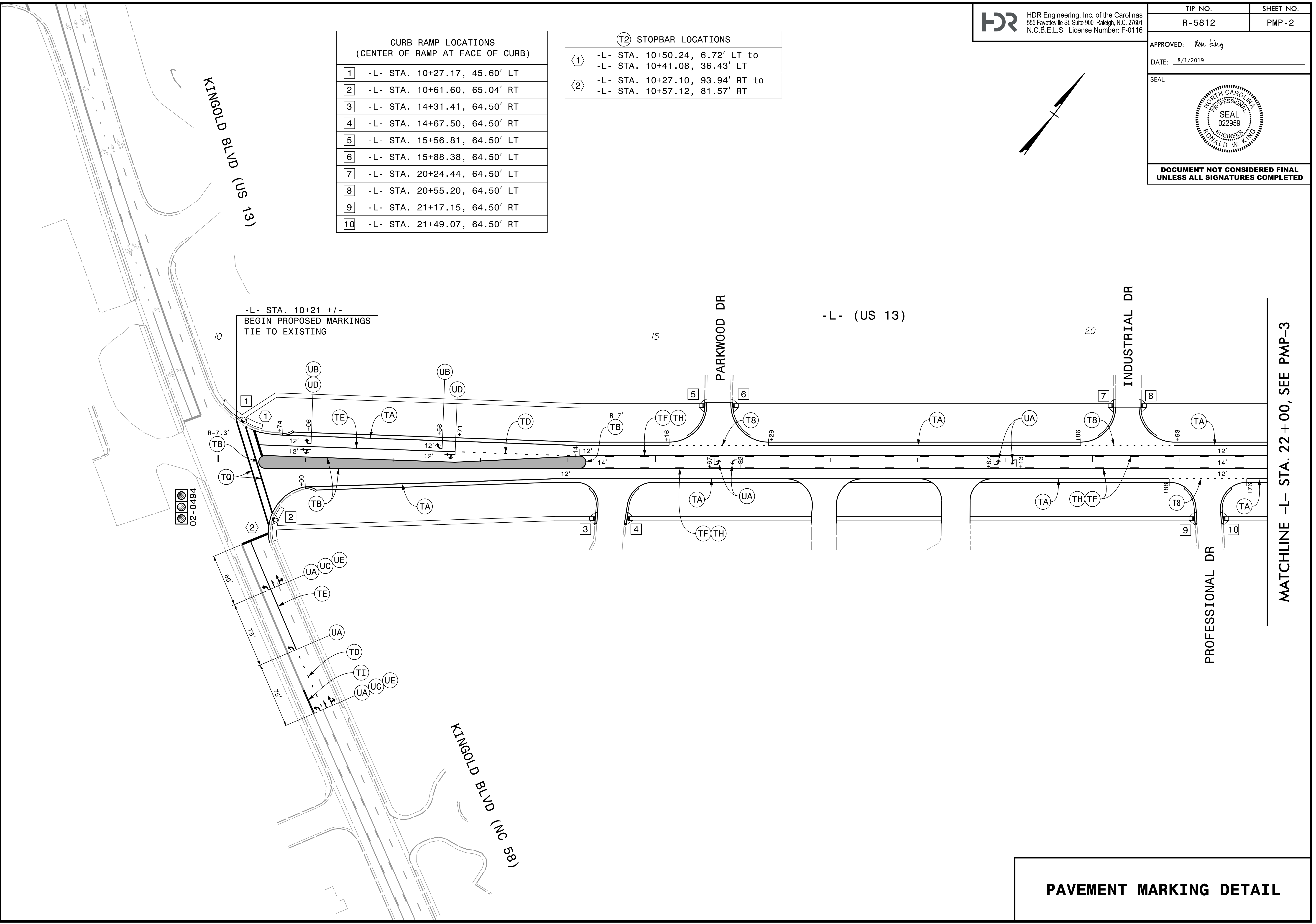
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CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
1	-L- STA. 10+27.17, 45.60' LT
2	-L- STA. 10+61.60, 65.04' RT
3	-L- STA. 14+31.41, 64.50' RT
4	-L- STA. 14+67.50, 64.50' RT
5	-L- STA. 15+56.81, 64.50' LT
6	-L- STA. 15+88.38, 64.50' LT
7	-L- STA. 20+24.44, 64.50' LT
8	-L- STA. 20+55.20, 64.50' LT
9	-L- STA. 21+17.15, 64.50' RT
10	-L- STA. 21+49.07, 64.50' RT

T2 STOPBAR LOCATIONS	
1	-L- STA. 10+50.24, 6.72' LT to -L- STA. 10+41.08, 36.43' LT
2	-L- STA. 10+27.10, 93.94' RT to -L- STA. 10+57.12, 81.57' RT

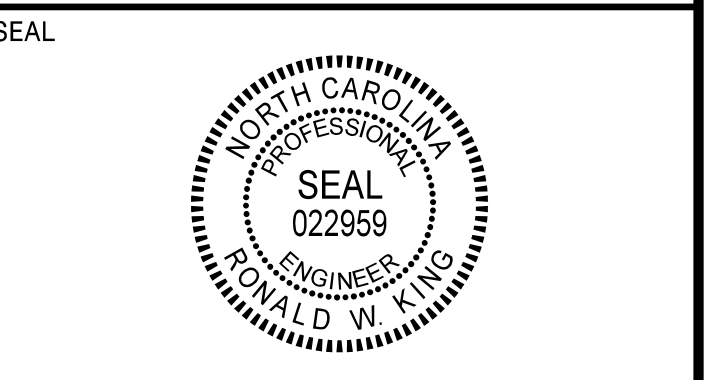


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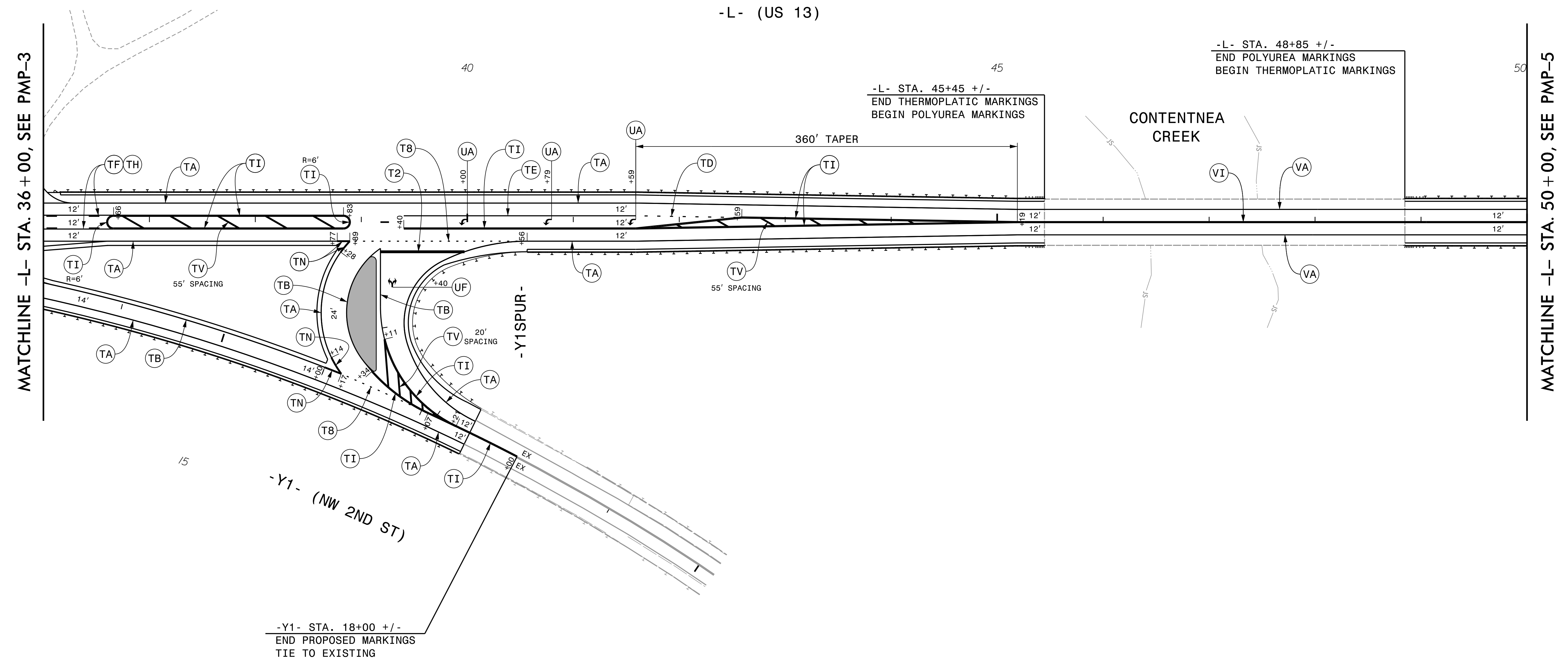
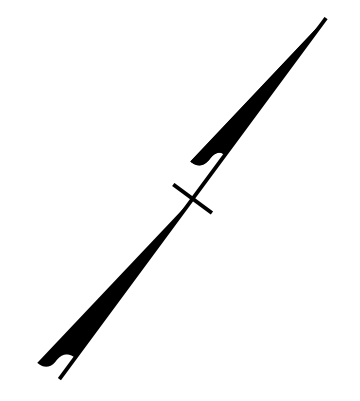


MATCHLINE -L- STA. 22+00, SEE PMP-3

PAVEMENT MARKING DETAIL

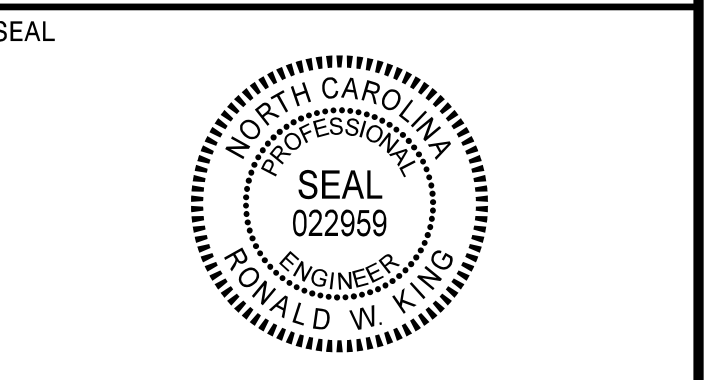


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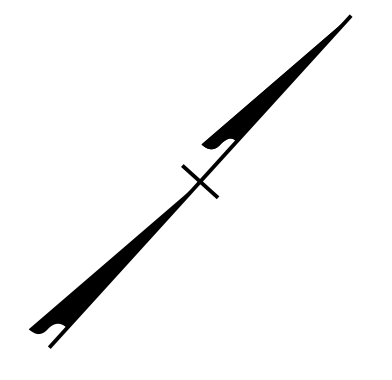


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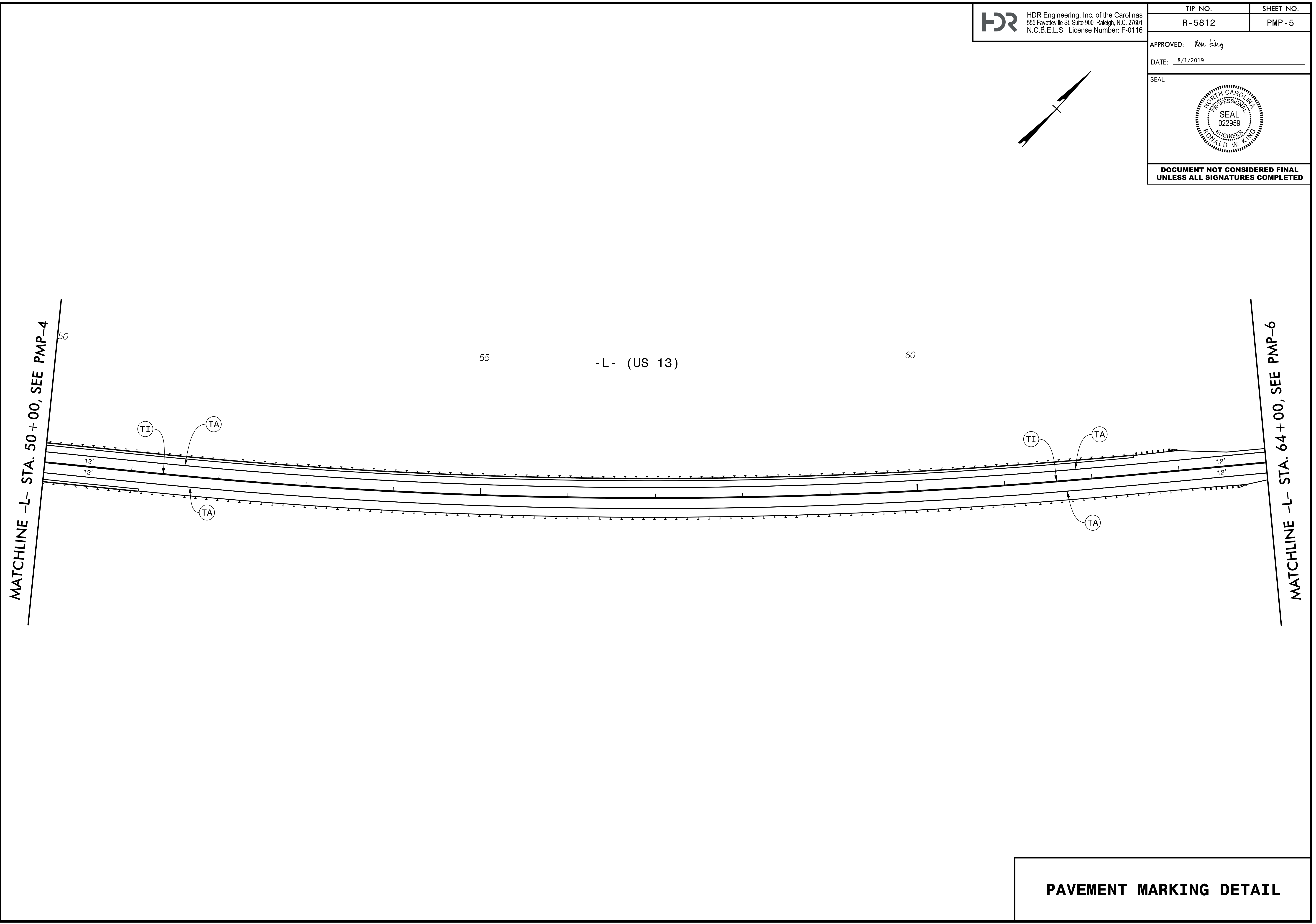
PAVEMENT MARKING DETAIL



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PAVEMENT MARKING DETAIL

