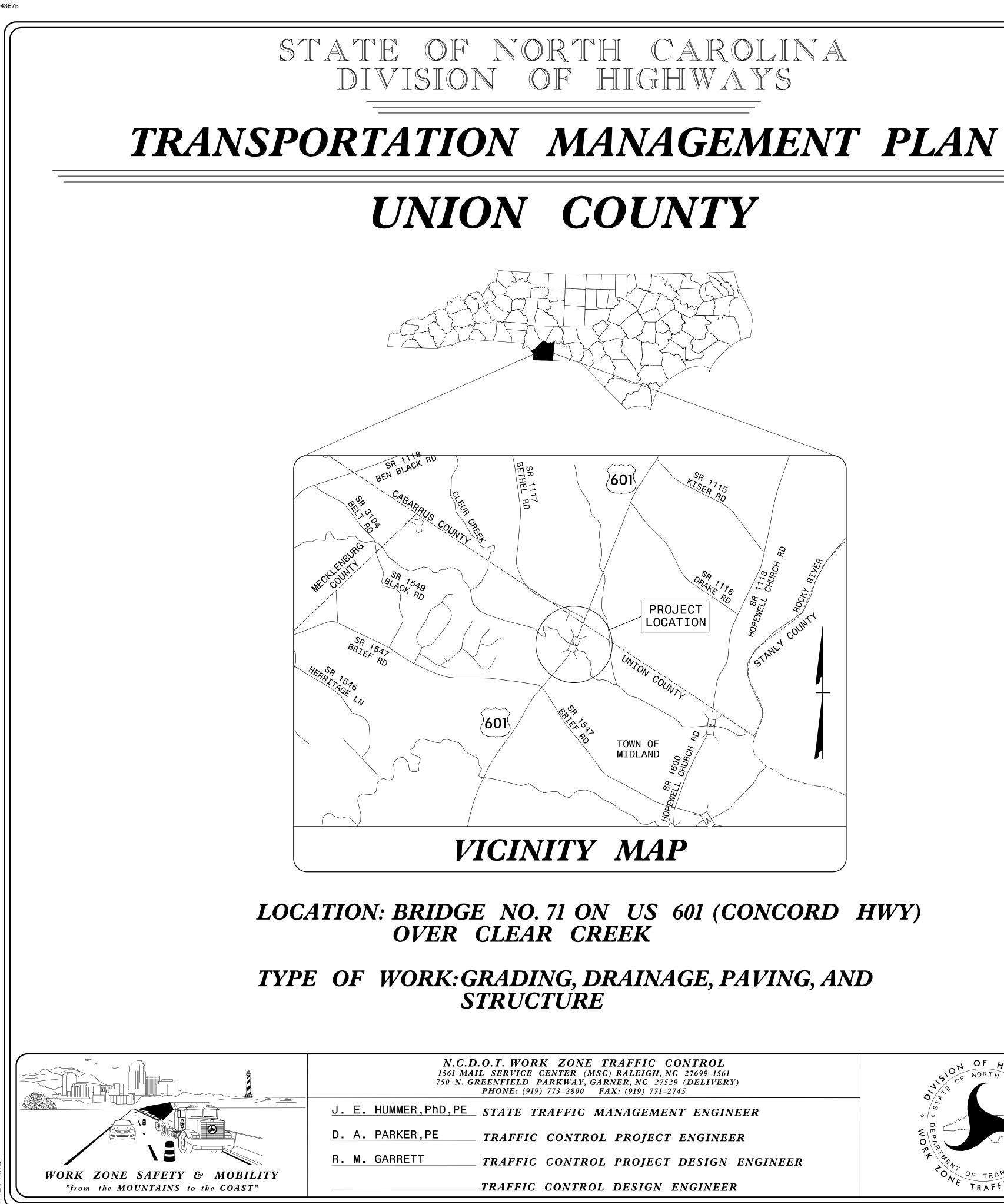
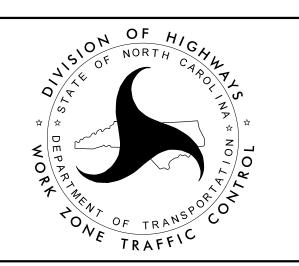
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TMP - 1 TMP-1A

- TMP-2
- TMP-3
- TMP-4 and TMP-5

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		SHEET NO.
IN	NDEX OF SHEETS	TMP-1
SHEET NO.	TITLE	
TMP - 1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS	
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, TRAFFIC MANAGEMENT STRATEGY AND LEGEND	
TMP-2	GENERAL NOTES, AND LOCAL NOTES	
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING	
TMP-4 and TMP-5	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL	
TMP-6 and TMP-7	TEMPORARY TRAFFIC CONTROL PHASE II DETAIL	B-5371

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offatt & nichol of neuse road, suite 300 orth carolina 27609 voice (919) 781-4869 fax nse NO.: F-0105	APPROVED: Jimothy 26569A242E834 DATE: 12/11/2017 SEAL	R. Reid

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ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN 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:

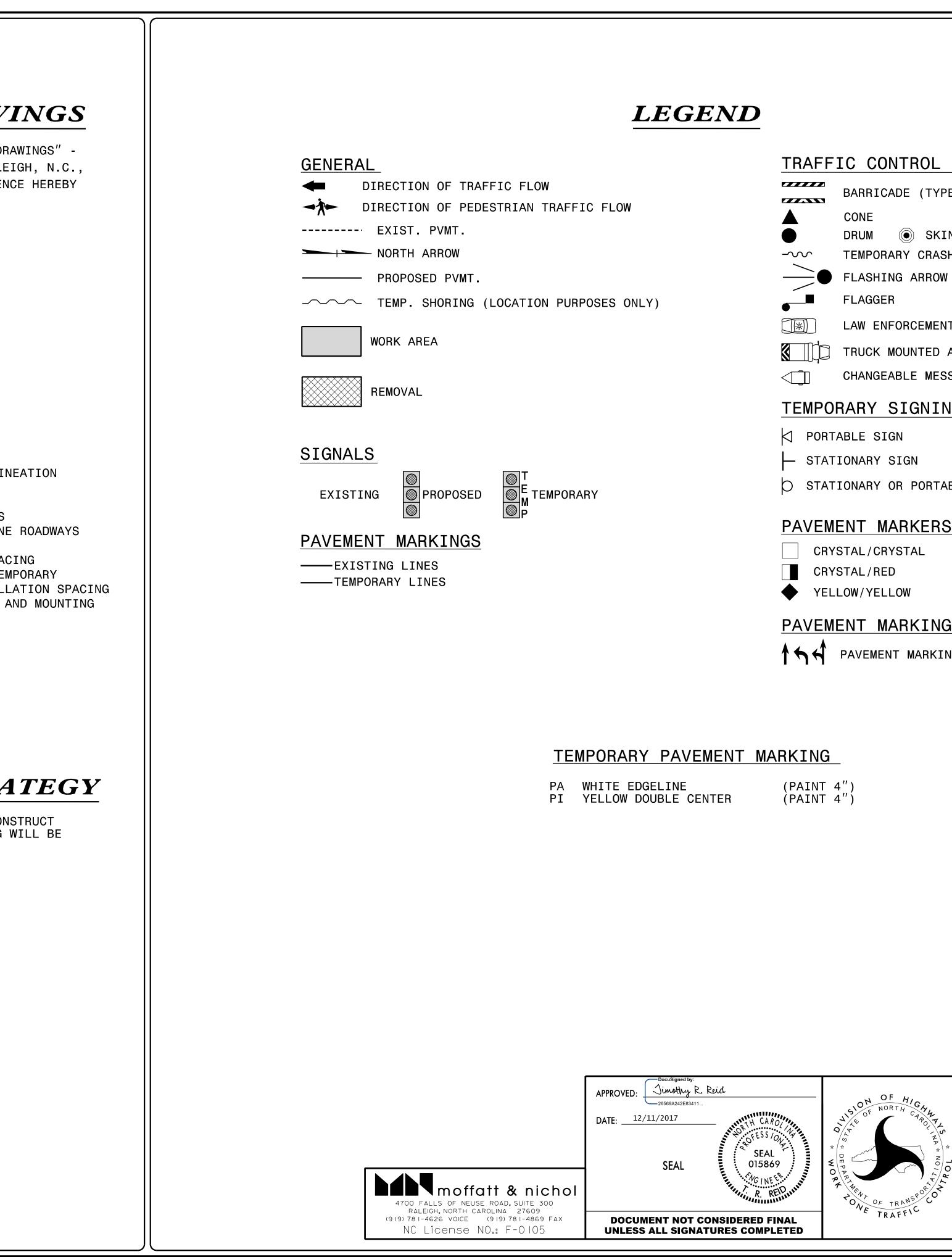
STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELIN
1170.01	POSITIVE PROTECTION
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPAC
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEM
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALL
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES A
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

TRAFFIC MANAGEMENT STRATEGY

THIS PROJECT WILL UTILIZE THE EXISTING ROADWAY AND BRIDGE TO CONSTRUCT MOST OF THE NEW ROADWAY AND BRIDGE AWAY FROM TRAFFIC. FLAGGING WILL BE USED TO CONSTRUCT TIE-INS.



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	PROJ. REFEREN	ICE NO.	SHEET NO.
	B-537	1	TMP-1A
TRAFF	IC CONTROL DEVICES		
	BARRICADE (TYPE III)		
	CONE		
	DRUM () SKINNY DRUM () TUBULAR MA	RKER	
-~~	TEMPORARY CRASH CUSHION		
<u> </u>	FLASHING ARROW BOARD		
	FLAGGER		
	LAW ENFORCEMENT		
	TRUCK MOUNTED ATTENUATOR (TMA)		
	CHANGEABLE MESSAGE SIGN		
TEMPO	RARY SIGNING		
	ABLE SIGN		
⊢ stat	IONARY SIGN		
1	IONARY OR PORTABLE SIGN		
D SIAI	IUNANT ON FUNTABLE SIGN		
	ENT MARKERS		
	STAL/CRYSTAL		
	LOW/YELLOW		

PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

ROADWAY STANDARD DRAWINGS & LEGEND

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

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

TIME RESTRICTIONS

U

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME
US 601 (-L-)	MONDAY THRU F
	7:00 A.M 9

B) DO NOT STOP TRAFFIC AS FOLLOWS:

OAD NAME	DAY AND TIME RESTRICTION
S 601 (-L-)	MONDAY THRU FRIDAY
	7:00 A.M 9:00 A.M.

LANE AND SHOULDER REQUIREMENTS

- C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER
- D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

/27 /RA



RESTRICTIONS RIDAY

):00 A.M. 4:00 P.M. - 6:00 P.M.

> DURATION AND OPERATION IONS 15 MINUTES FOR TRAFFIC SHIFTS, PAVEMENT TIE-INS, PAVEMENT MARKING TIE-INS

PAVEMENT EDGE DROP OFF REQUIREMENTS

H) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND EL PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVI EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON RO POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON RO POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

I) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN EL OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. "UNEVEN LANES" SIGNS (W8-11) IN ADVANCE AND HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

J) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR TRAFFIC PATTERN ALTERATION.

<u>SIGNING</u>

- K) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MOI (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCT
- L) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIC TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

PAVEMENT MARKINGS

M) INSTALL TEMPORARY PAVEMENT MARKINGS ON ITERI OF PAVEMENT AS FOLLOWS:

MARKING

PAINT

ROAD NAME US 601 (-L-)

- N) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY
- SECOND APPLICATION OF PAINT SIX (6) MONTHS A APPLICATION AND EVERY SIX MONTHS AS DIRECTED
- 0) TIE PROPOSED PAVEMENT MARKING LINES TO EXIST LINES.
- P) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEME OF EACH DAY'S OPERATION.

	APPROVED: Jimothy R. Reid 26569A242E83411	
	DATE: 12/27/2017	
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	B-5371	TMP-2
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GENERAL NOTES AND LOCAL NOTES

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PHASE I

NOTE: TRAFFIC SHALL BE MAINTAINED ON EXISTING US 601 DURING THIS PHASE AND EXISTING DRIVEWAY ACCESSES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION DURATION

STEP 1

PRIOR TO BEGINNING CONSTRUCTION, INSTALL WORK ZONE ADVANCE WARNING SIGNS USING ROADWAY STANDARD DRAWING 1101.01 SHEET 3 OF 3 ALONG EXISTING US 601.

STEP 2

AWAY FROM TRAFFIC AND USING ROADWAY STANDARD DRAWINGS 1101.02(SHEET 1 OF 15)AND 1101.04 AS NEEDED, CONSTRUCT THE PROPOSED BRIDGE, ROADWAY AND DRIVEWAYS -DR5-, -DR2- AND -DR3- AS FOLLOWS, (SEE TMP-4 AND TMP-5).

ROADWAY SHALL BE CONSTRUCTED UP TO THE EXISTING EDGE OF PAVEMENT AS SHOWN IN THE STATION RANGES BELOW, ALL OTHER CONSTRUCTION SHOULD BE BUILT UP TO, BUT NOT INCLUDING THE FINAL SURFACE LAYER.

- STA. 14+39 +/- (EL=479.46) -L- TO STA. 18+29 +/- (EL=479.15) -L-- STA. 26+71 +/- (EL=482.58) -L- TO STA. 30+21 +/- (EL=496.60) -L-

STEP 3

INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL TRAFFIC PATTERN ON THE REALIGNED US 601 AS FOLLOWS, (SEE TMP-4 AND TMP-5)

- STA. 14+39 +/- -L- TO STA. 30+21 +/- -L-

017 AL/2

PHASING

PHASE II

NOTE: TRAFFIC SHALL BE SHIFTED AND MAINTAIN CONSTRUCTED US 601 FOR THIS PHASE, EXISTING SHALL BE MAINTAINED THROUGOUT THE CONSTRUCT

STEP 1

INSTALL TRAFFIC CONTROL DEVICES AND SHIFT TRA NEWLY CONSTRUCTED US 601 AS SHOWN ON SHEETS

- STA. 14+00 +/- -L- TO STA. 19+48 +/- -L-- STA. 27+11 +/- -L- TO STA. 30+45 +/- -L-

STEP 2

REMOVE THE EXISTING BRIDGE, ROADWAY AND GRADE ROADBED TO DRAIN AS SHOWN ON SHEETS TMP-6 AND

- STA. 14+43 +/- -L- TO STA. 30+31 +/- -L-

STEP 3

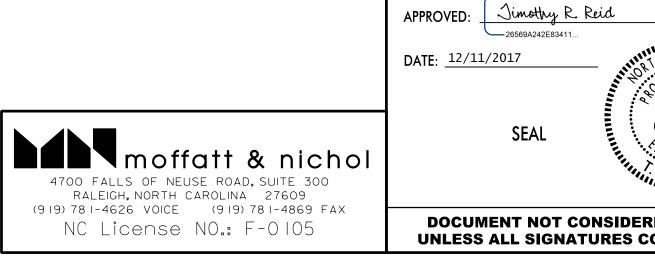
USING FLAGGING OPERATION PER ROADWAY STANDARD 1101.02 SHEET 1 OF 15, CONSTRUCT FINAL LAYER COURSE, FINAL PAVEMENT MARKINGS AND DRIVEWAYS

- STA. 12+50 +/- -L- TO STA. 32+00 +/- -L-

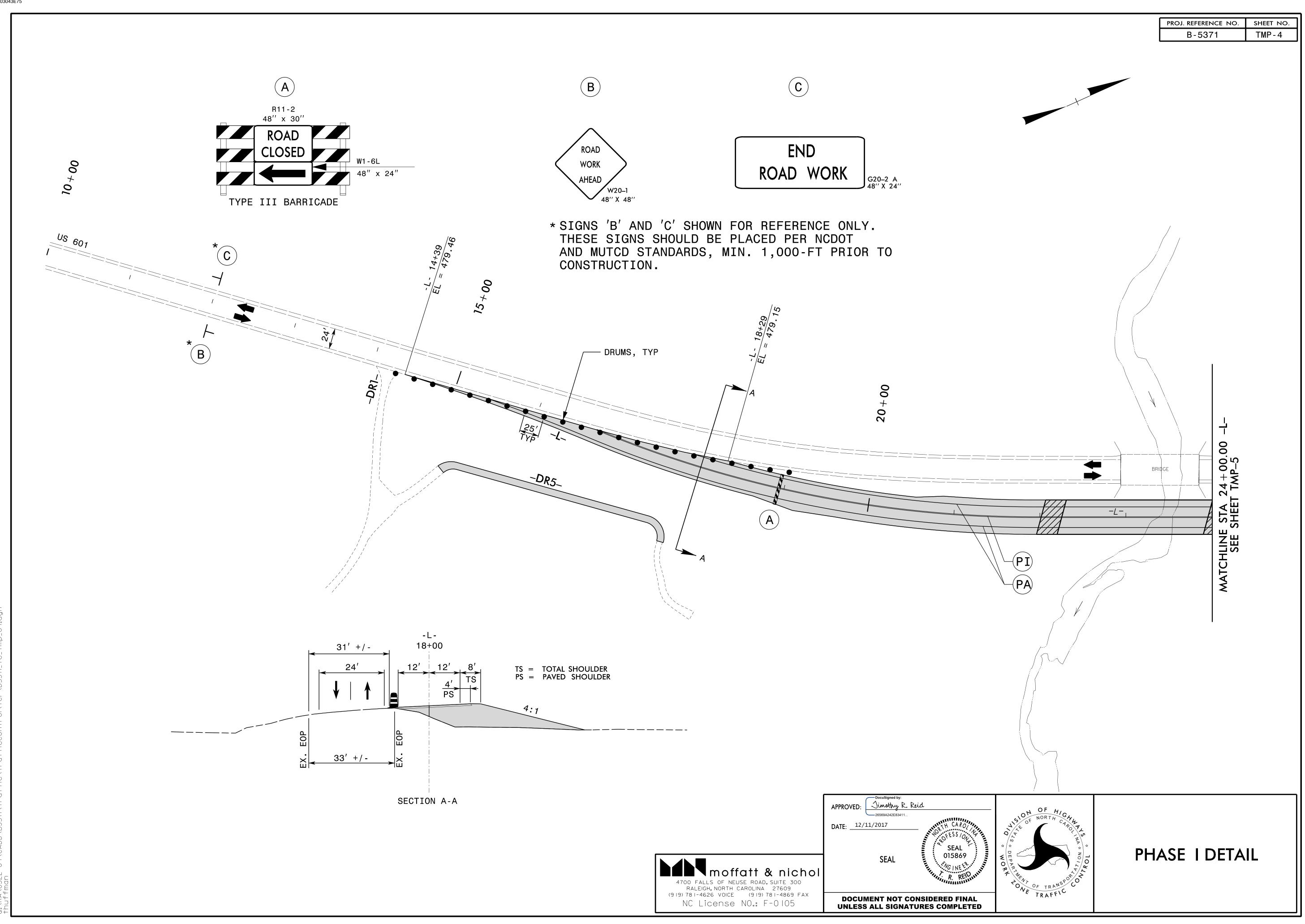
STEP 4

REMOVE ANY REMAINING TRAFFIC CONTROL SIGNS AN

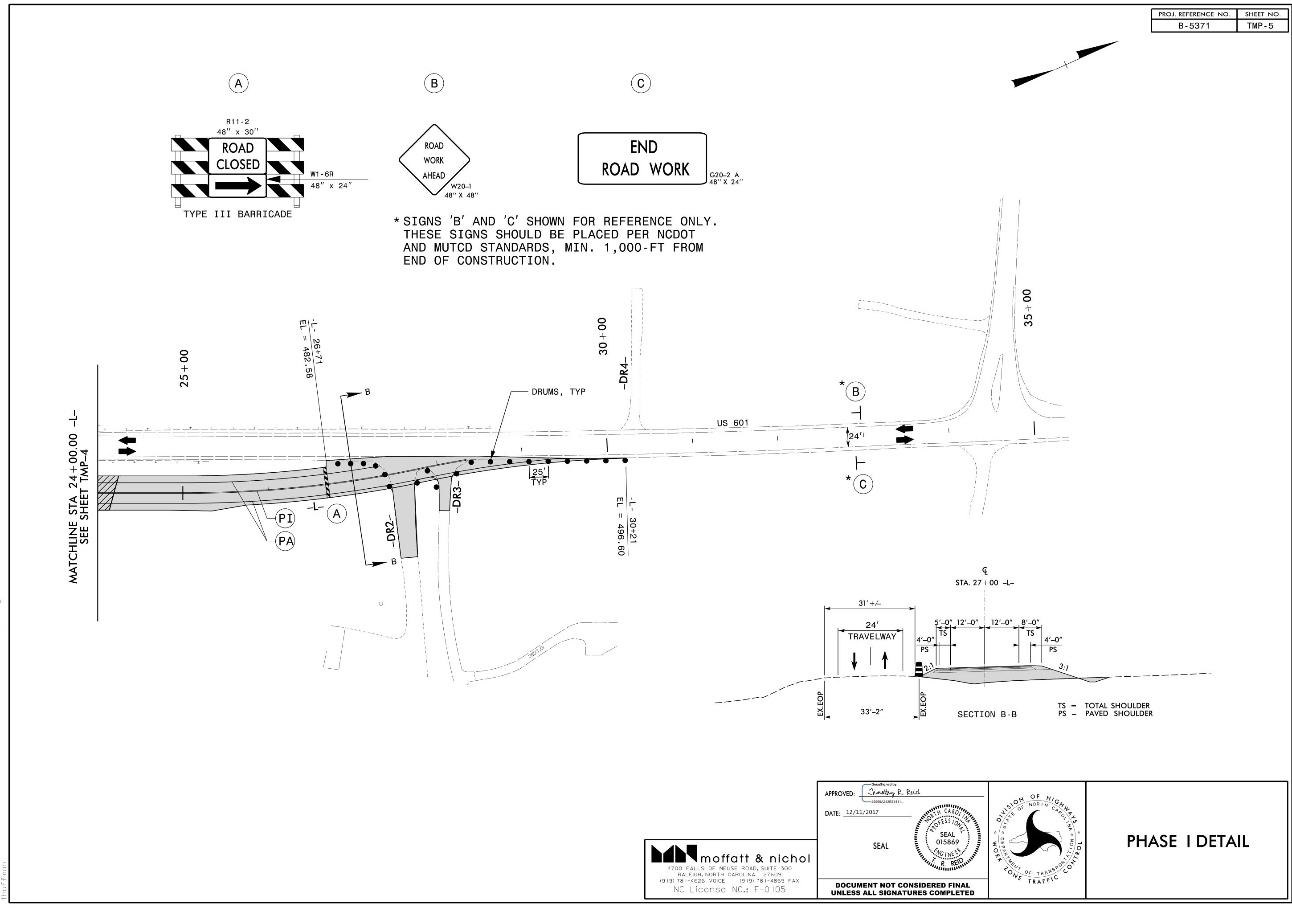
- STA. 12+50 +/- -L- TO STA. 32+00 +/- -L-



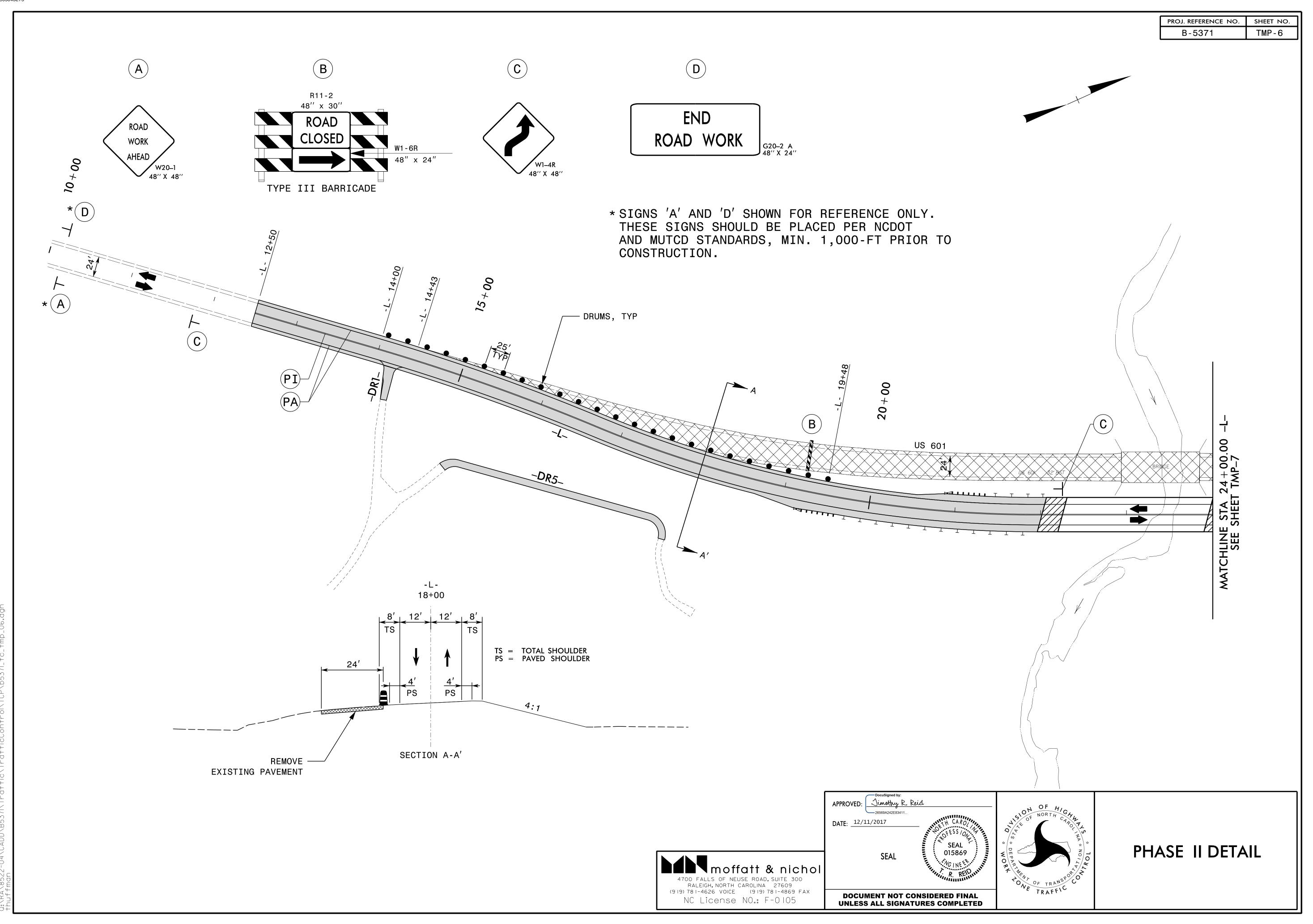
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TMP-6 AND TMP-7.			
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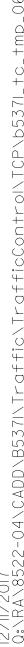


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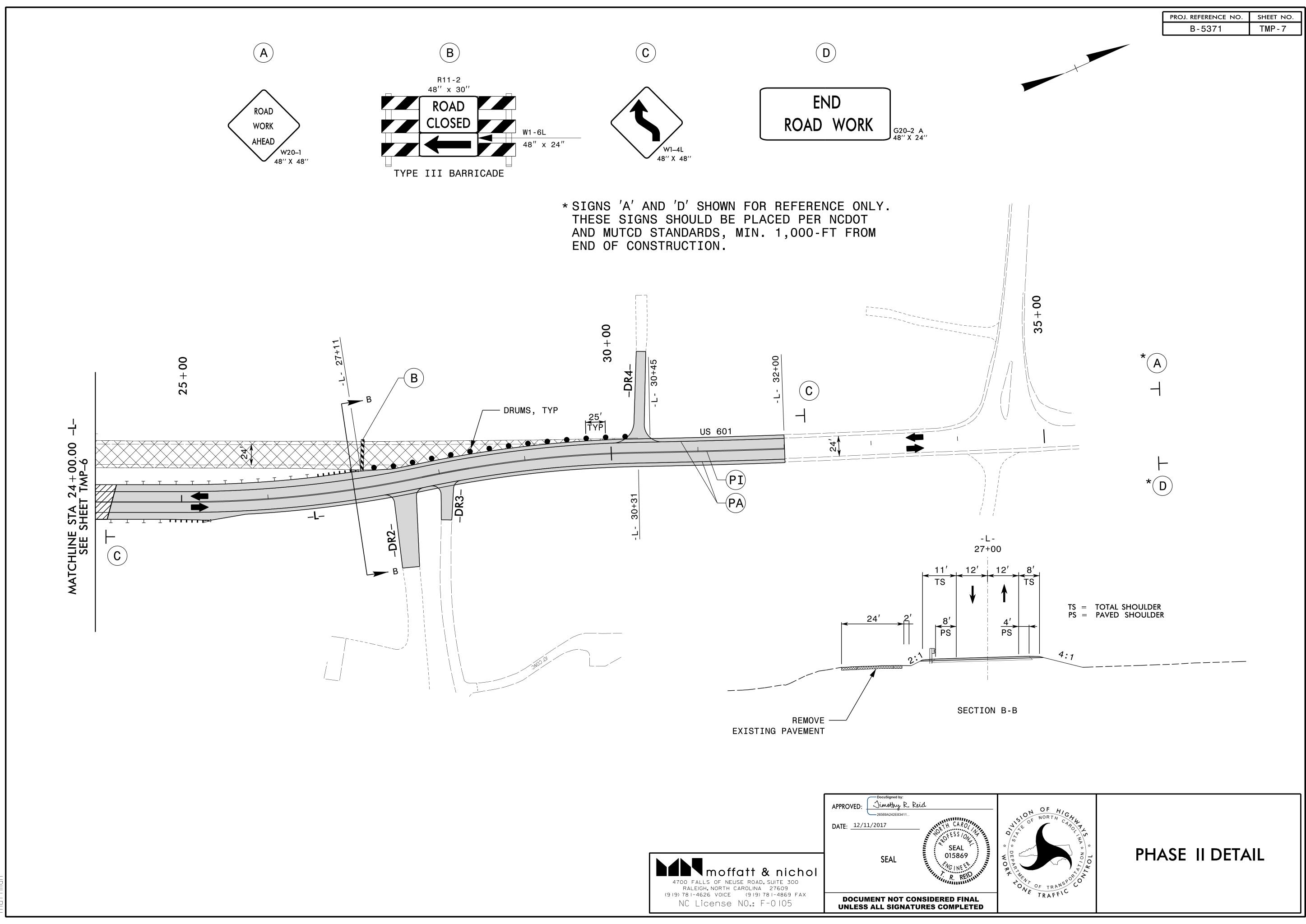


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	DATE: 12/11/2017
	APPROVED: Jimothy R. Reid



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