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1261.01

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STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-3826	TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

CHEROKEE COUNTY

SHEET NO.

ROADWAY STANDARD DRAWINGS

INDEX OF SHEETS

TITLE

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:

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
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 - MOUNTING HEIGHT & LATERAL CLEARANCE
1110.02	PORTABLE WORK ZONE SIGNS - MOUNTING HEIGHT & LATERAL CLEARANCE
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES - TYPE III
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION - REFLECTIVE END TREATMENT
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR - DELINEATION
1170.01	PORTABLE CONCRETE BARRIER

	TCP - 1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, PAVEMENT MARKING SCHEDULE AND INDEX OF SHEETS
	TCP-2	PROJECT NOTES
	TCP-3	PROJECT PHASING
	TCP-4	PHASE I, STEP 1
	TCP-5	PHASE I, STEP 2 & PHASE II STEP 1
NOF	TCP-6	PHASE II, STEP 2 & PHASE III
NCE E	TCP-7	DETAIL FOR WORK ZONE WARNING SIGNS
	TCP-8	WIDE LOAD SIGNS
	TCP-9	SIGN DESIGNS

BARRICADES - TYPE III FLAGGING DEVICES TEMPORARY CRASH CUSHION - REFLECTIVE END TREATMEN TRUCK MOUNTED IMPACT ATTENUATOR - DELINEATION	IT		TCP-9	SIGN DESIGNS		
PORTABLE CONCRETE BARRIER						
SKINNY DRUM			DAVEMENIT	MAPKING	SCHEDULE	7
PAVEMENT MARKINGS - LINE TYPES & OFFSETS PAVEMENT MARKINGS - DIVIDED AND UNDIVIDED ROADWAY	/e		I AV L/VILIA I	MARKING	3CHLDOLL	
PAVEMENT MARKINGS - DIVIDED AND UNDIVIDED ROADWAY PAVEMENT MARKINGS - INTERSECTIONS	3				QUANTITY	TOTAL
PAVEMENT MARKINGS - BRIDGES	SYMBOL	DESCRI	PTION	PAY ITEM	BREAKDOWN	QUANTITY
PAVEMENT MARKER SPACING		PAVEMENT	MARKING LINES			
RAISED PAVEMENT MARKERS - PERMANENT & TEMPORARY				PAINT (4")		7096 LF
GUARDRAIL & BARRIER DELINEATOR SPACING GUARDRAIL AND BARRIER DELINEATOR TYPES	PA	WHITE ED	GELINE		5700 LF	
GUARDRAIL END DELINEATION	ΡI	YELLOW D	OUBLE CENTER LINE		1396 LF	
				DATNT (QA")		92 LF
	P4	WHITE ST	OPBAR	PAINT (24")	92 LF	92 LF
					VI 1 .	
				COLD APPLIED PLA	STIC,	
				TYPE 4 (4")		1060 LF
	RA	WHITE ED	OGELINE		1060 LF	
				COLD APPLIED PLA	STIC	
				TYPE 4 (24")	J. 10,	17 LF
	R3	WHITE S	STOPBAR	(= ',	17 LF	
		PAVEMENT	MARKERS	TEMP PUMT MA	DICED	404 54
	MP	CRVSTAI	& CRYSTAL	TEMP. PVMT. MA	RKER 104 EA	104 EA
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LEGEND

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DIRECTION OF TRAFFIC FLOW

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

WORK AREA

REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

CONE

FLASHING ARROW PANEL (TYPE C)

TYPE 'B' WARNING LIGHT

— STATIONARY SIGN

PORTABLE SIGN

STATIONARY OR PORTABLE SIGN

WARNING FLAGS

- CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)

POLICE

FLAGGER

PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS

APPROVED: Soull Stool PBS 1616 EAST MILLBROOK ROAD, SUITE 310 RALEIGH, NORTH CAROLINA 27609 PHONE: (919) 876-6888 PLAN PREPARED PLAN REVIEWED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT FOR N.C.D.O.T. BY: J.S. BOURNE, P.E. TRAFFIC CONTROL ENGINEER J.T. BROOKS, P.E. PROJECT ENGINEER G. L. GETTIER, P.E. TRAFFIC CONTROL PROJECT ENGINEER J.T. BROOKS, P.E. DESIGN ENGINEER SEAL JESSE GILSTRAP TRAFFIC CONTROL PROJ. DESIGN ENGINEER J.A. WILES DESIGN TECHNICIAN KEN BROADWELL TRAFFIC CONTROL DESIGN ENGINEER

GENERAL NOTES

B-3826 TCP- 2

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

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.

TIME RESTRICTIONS

A)

DO NOT STOP TRAFFIC FOR MORE THAN 30 MINUTES OR, AS DIRECTED BY THE ENGINEER, DURING UNEXPECTED OCCURENCES THAT CREATE UNUSUALLY HIGH TRAFFIC VOLUMES AS FOLLOWS:

ROAD NAME OPERATION -L- SR 1331 TRAFFIC SHIFTS & BARRIER INSTALLATION

B) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR OTHERWISE DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE 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 40 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.
- 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.

- 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, ON BOTH SIDES OF AN OPEN TRAVELWAY, WITHIN THE SAME LOCATION, ON A TWO-LANE, TWO-WAY ROAD.
- H) DO NOT PERFORM WORK INVOLVING HEAVY EQUIPMENT WITHIN 15 FT OF THE EDGE OF TRAVELWAY WHEN WORK IS BEING PERFORMED BEHIND A LANE CLOSURE ON THE OPPOSITE SIDE OF THE TRAVELWAY.
- I) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- J) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING ROADWAY IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS A DROP-OFF AS FOLLOWS:
 - BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

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

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

K) DO NOT EXCEED A DIFFERENCE OF 1.5 inches IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE OF THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

L) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

M) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 100 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

WHEN NO WORK IS BEING CONDUCTED FOR A PERIOD LONGER THAN ONE WEEK, REMOVE OR COVER ALL ADVANCE WORK ZONE WARNING SIGNS, AS DIRECTED BY THE ENGINEER, AT NO COST TO THE DEPARTMENT.

- N) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- O) PROVIDE WIDE LOAD SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- P) COVER OR REMOVE ALL WIDE LOAD SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN NOT IN OPERATION.
 - ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC BARRIER

R) INSTALL MOVABLE/PORTABLE CONCRETE BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE MOVABLE/PORTABLE CONCRETE BARRIER IS INSTALLED AT ANY LOCATION, PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

ONCE MOVABLE/PORTABLE CONCRETE BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE MOVABLE/PORTABLE CONCRETE BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET MOVABLE/PORTABLE CONCRETE BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

S) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVEABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS:

POSTED SPEED LIMIT LESS THAN 50 MPH 50 MPH OR HIGHER

TRAFFIC FLOW, BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

MINIMUM OFFSET 20 FT

30 FT

INSTALL MOVABLE / PORTABLE CONCRETE BARRIER WITH THE TRAFFIC FLOW, BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE MOVABLE/PORTABLE CONCRETE BARRIER AGAINST THE

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP CLOSED THE SECTION OF THE ROADWAY UNTIL THE BARRIER CAN BE PLACED OR AFTER BARRIER IS REMOVED.

TRAFFIC CONTROL DEVICES

- T) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT.
- U) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME 1. ALL ROADS

MARKING PAINT MARKER NONE

W) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

1. ALL ROADS

MARKING
PAINT/COLD APPLIED PLASTIC. TYPE 4

MARKER TEMPORARY RAISED

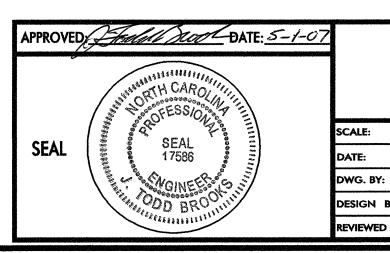
- X) PLACE AT LEAST TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE ON NEW ASPHALT PAVEMENT. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.
- Y) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- Z) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- AA) PLACE AT LEAST TWO APPLICATIONS OF PAINT ON NEW ASPHALT WITH TEMPORARY TRAFFIC PATTERNS WHICH WILL REMAIN IN PLACE OVER THREE (3) MONTHS. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.

TEMPORARY / FINAL SIGNALS

BB) SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

MISCELLANEOUS

- CC) ENGINEER WILL NOTIFY THE OVERSIZE/OVERWEIGHT PERMIT UNIT AT 919-733-4740 (MS. TAMMY C. DENNING AND/OR MS. GWEN HOBBY) THIRTY (30) DAYS PRIOR TO TRAFFIC BEING PLACED IN THE ONE-LANE, TWO-WAY TRAFFIC PATTERN WITH SIGNALS AND WHEN THE PROJECT IS OPEN TO FINAL PATTERN.
- DD) REMOVE CONFLICTING PAVEMENT MARKINGS.



PROJECT NOTES

DATE: 5/VO7

DWG. BY: JTB

DESIGN BY: JTB

REVIEWED BY: JAW

REVISIONS

CADD FILE

Q)

1616 EAST MILLBROOK ROAD, SUITE 310 RALEIGH, NORTH CAROLINA 27609 PHONE: (919) 876-6888

PHASING

OJ. REFERENCE NO.	SHEET NO.
B-3826	TCP-3

PHASE I

NOTE: RETURN TRAFFIC TO THE EXISTING PATTERN AT THE END OF EACH WORK DAY UNLESS OTHERWISE STATED IN THE PHASING OR DIRECTED BY THE ENGINEER.

CONSTRUCT ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

PRIOR TO CONSTRUCTION, INSTALL ADVANCE WORK ZONE WARNING SIGNS ("ROAD WORK AHEAD" AND "END ROAD WORK" ONLY) AS SHOWN ON SHEET TCP-7.

STEP 1: USING RSD 1101.02, SHEET 1 OF 9:

- CONSTRUCT -DETOUR- ON THE RIGHT SIDE OF SR 1331 -L- (INCLUDING ALL DRAINAGE) AND TEMPORARY GUARDRAIL ALONG RIGHT SIDE OF -DETOUR- [SEE CONSTRUCTION PLANS AND SHEET TCP-4].
- NOTE: INSTALL DRUMS AND TYPE III BARRICADES TO KEEP DETOUR CLOSED TO TRAFFIC.
- INSTALL BUT DO NOT ACTIVATE TEMPORARY TRAFFIC SIGNAL (SEE SIGNAL PLANS).

USING RSD 1101.02, SHEET 1 OF 9, AND RSD 1101.04, INSTALL AND COVER THE FOLLOWING SIGNING IN PREPARATION FOR TRAFFIC PATTERN SWITCH IN PHASE I, STEP 2:

- OFF-SITE SIGNS PROHIBITING OVERSIZE LOADS AS SHOWN ON TCP-8.
- ALL ADDITIONAL WARNING SIGNS AND CMS'S AS SHOWN ON TCP-7.

THE CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN PHASE I, STEP 2 IN ONE WORK PERIOD.

STEP 2: USING RSD 1101.02, SHEET 1 OF 9, AND TEMPORARY TRAFFIC SIGNAL, SHIFT TRAFFIC TO PHASE II TRAFFIC PATTERN [SEE TCP-5] AS FOLLOWS:

- UNCOVER OFF-SITE SIGNS PROHIBITING OVERSIZE LOADS AND SIGNS FOR ONE-LANE, TWO-WAY OPERATION INSTALLED IN PHASE I, STEP 1. ACTIVATE CMS'S INSTALLED IN PHASE I, STEP 1. [SEE TCP-7 AND TCP 8]
- ACTIVATE TEMPORARY TRAFFIC SIGNAL.
- NOTE: THE CONTRACTOR SHALL UTILIZE THE TEMPORARY SIGNAL, AS DIRECTED BY THE ENGINEER, FOR LANE/ROAD CLOSURES. HOWEVER, DRUMS SHALL BE USED TO DELINEATE THE TRAVEL WAY UNTIL TEMPORARY PAVEMENT MARKINGS & MARKERS ARE PLACED/INSTALLED.
- INSTALL PCB (ANCHORED) ALONG LEFT SIDE OF -DETOUR-. PROTECT ENDS OF PCB WITH TMIAS, AS DIRECTED BY THE ENGINEER, UNTIL CRASH CUSHIONS HAVE BEEN INSTALLED.
- USING RSD 1205.12, PLACE TEMPORARY PAVEMENT MARKINGS, AND INSTALL TEMPORARY RAISED PAVEMENT MARKERS, AND OPEN -DETOUR- TO PHASE II TEMPORARY ONE-LANE, TWO-WAY TRAFFIC PATTERN.

PHASE II

NOTE: CONSTRUCT ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

STEP 1: USING RSD 1101.02, SHEET 1 OF 9 AND TEMPORARY TRAFFIC SIGNAL, COMPLETE THE FOLLOWING AS SHOWN ON TCP-5 AND CONSTRUCTION PLANS:

- REMOVE EXISTING BRIDGE
- CONSTRUCT LEFT SIDE OF PROPOSED CORED-SLAB BRIDGE AND APPROACHES UP THROUGH FINAL LAYER OF SURFACE COURSE
- CONSTRUCT THE PORTION OF PROPOSED -L- THAT CORRESPONDS TO PORTION OF BRIDGE BEING CONSTRUCTED UP THROUGH FINAL LAYER OF SURFACE COURSE FROM STA 9+72+/- -L- TO STA 12+61+/- -L-.
- CONSTRUCT TEMPORARY PAVEMENT WIDENING (LEFT SIDE) UP TO EDGE AND ELEVATION OF PROPOSED PAVEMENT FROM STA 9+72+/- -L- TO STA 12+00+/- -L-.
- INSTALL TEMPORARY GUARDRAIL ON RIGHT SIDE OF CORED SLAB BRIDGE.

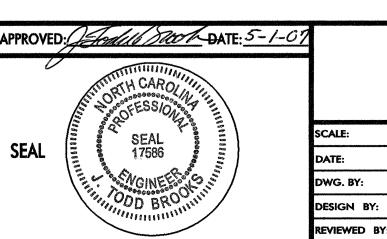
THE CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN PHASE II, STEP 2 IN ONE WORK PERIOD.

- STEP 2: USING THE TEMPORARY TRAFFIC SIGNAL TO MAINTAIN ONE-LANE, TWO-WAY TRAFFIC PATTERN, SHIFT TRAFFIC FROM -DETOUR- TO PHASE III TRAFFIC PATTERN [SEE TCP-6 AND CONSTRUCTION PLANS] ON NEWLY COMPLETED LEFT "HALF" OF CORED SLAB BRIDGE AS FOLLOWS:
 - PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS ON SR 1331 -L- AND ON SR 1348 -Y1-.
 - PLACE DRUMS SPACED 10' C-C IN LOCATION OF TEMPORARY GUARDRAIL AND TMIAS ON THE RIGHT SIDE OF -L- AT EACH END OF THE NEW BRIDGE UNTIL REMAINDER OF TEMPORARY GUARDRAIL CAN BE INSTALLED.
 - SHIFT SR 1331 -L- TRAFFIC FROM PHASE II -DETOUR- TO PHASE III ONE-LANE, TWO-WAY TRAFFIC PATTERN ACROSS COMPLETED PORTION OF NEW BRIDGE.
 - INSTALL REMAINDER OF TEMPORARY GUARDRAIL.
 - INSTALL DRUMS AND TYPE III BARRICADES TO CLOSE -DETOUR- TO TRAFFIC.

PHASE III

NOTE: CONSTRUCT ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

- STEP 1: USING TEMPORARY SIGNAL [SEE TCP-6 AND CONSTRUCTION PLANS]:
 - MILL AND CONSTRUCT -Y1- UP THROUGH FINAL LAYER OF SURFACE COURSE.
 - REMOVE -DETOUR-.
 - CONSTRUCT REMAINDER (RIGHT SIDE) OF BRIDGE AND APPROACHES UP THROUGH FINAL LAYER OF SURFACE COURSE.
- STEP 2: USING TEMPORARY SIGNAL, COMPLETE THE FOLLOWING [SEE TCP-6 AND CONSTRUCTION PLANS]:
 - REMOVE TEMPORARY GUARDRAIL ON -L- AND IMMEDIATELY REPLACE WITH DRUMS SPACED 10 FT C-C TO KEEP TRAFFIC IN A ONE-LANE, TWO-WAY PATTERN.
 - COMPLETE ANY REMAINING CONSTRUCTION OF -L- (RIGHT SIDE) UP THROUGH FINAL LAYER OF SURFACE COURSE.
- STEP 3: USING RSD NO. 1101.02, SHEET 1 OF 9 AND TEMPORARY SIGNAL, REMOVE TEMPORARY MARKINGS AND PLACE FINAL PAVEMENT MARKINGS ON -L-. USE DRUMS TO DELINEATE THE TRAVEL WAY AND MAINTAIN ONE-LANE, TWO-WAY PATTERN UNTIL FINAL PAVEMENT MARKINGS & MARKERS HAVE BEEN PLACED.
- STEP 4: DEACTIVATE AND REMOVE TEMPORARY SIGNALS. REMOVE SIGNING ASSOCIATED WITH TEMPORARY SIGNAL AND OFF-SITE WIDE-LOAD PROHIBITION SIGNS. OPEN ALL LANES TO FINAL TRAFFIC PATTERN.



NONE

5/V07

JTB

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JAW

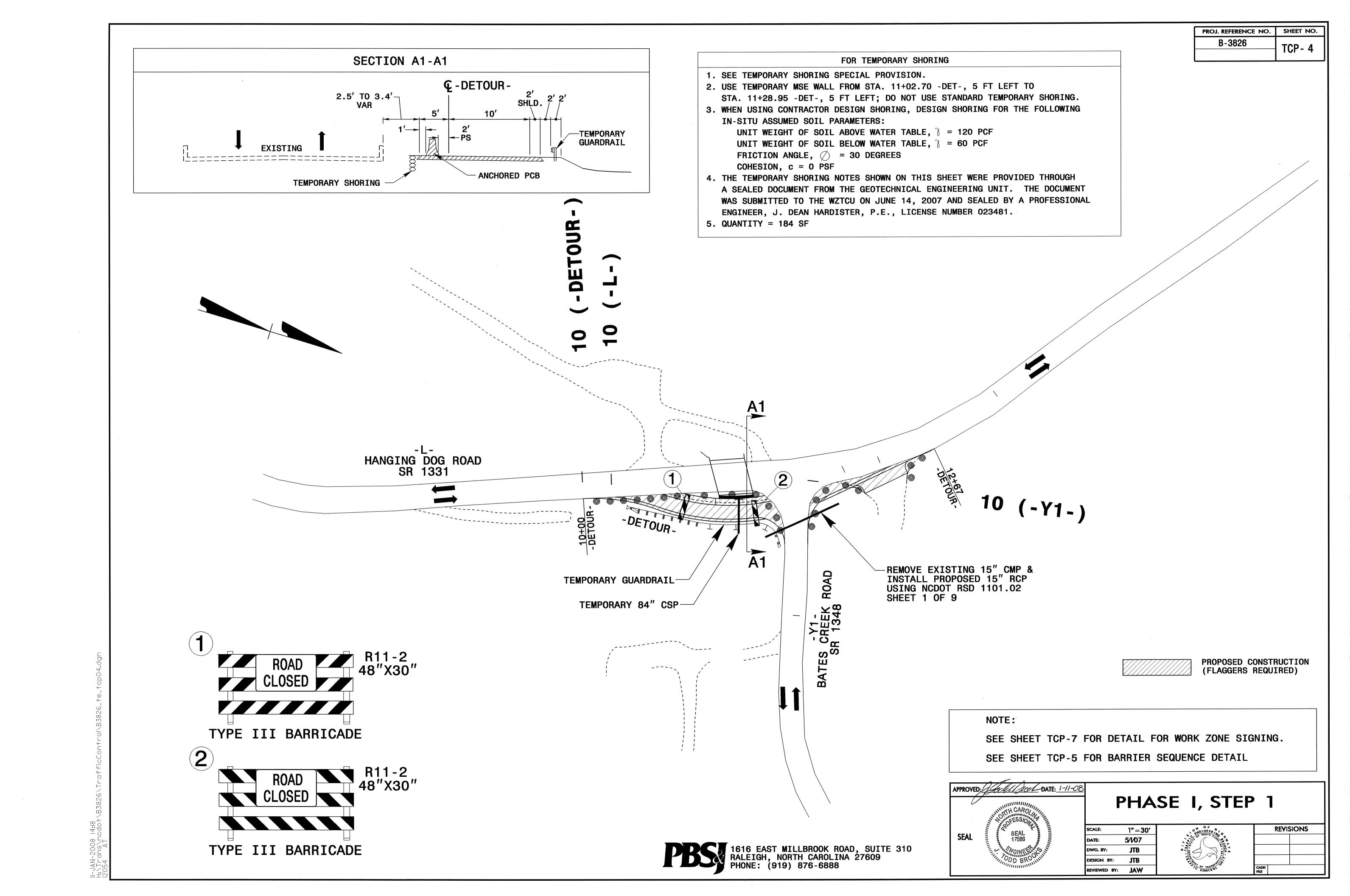
REVISIONS

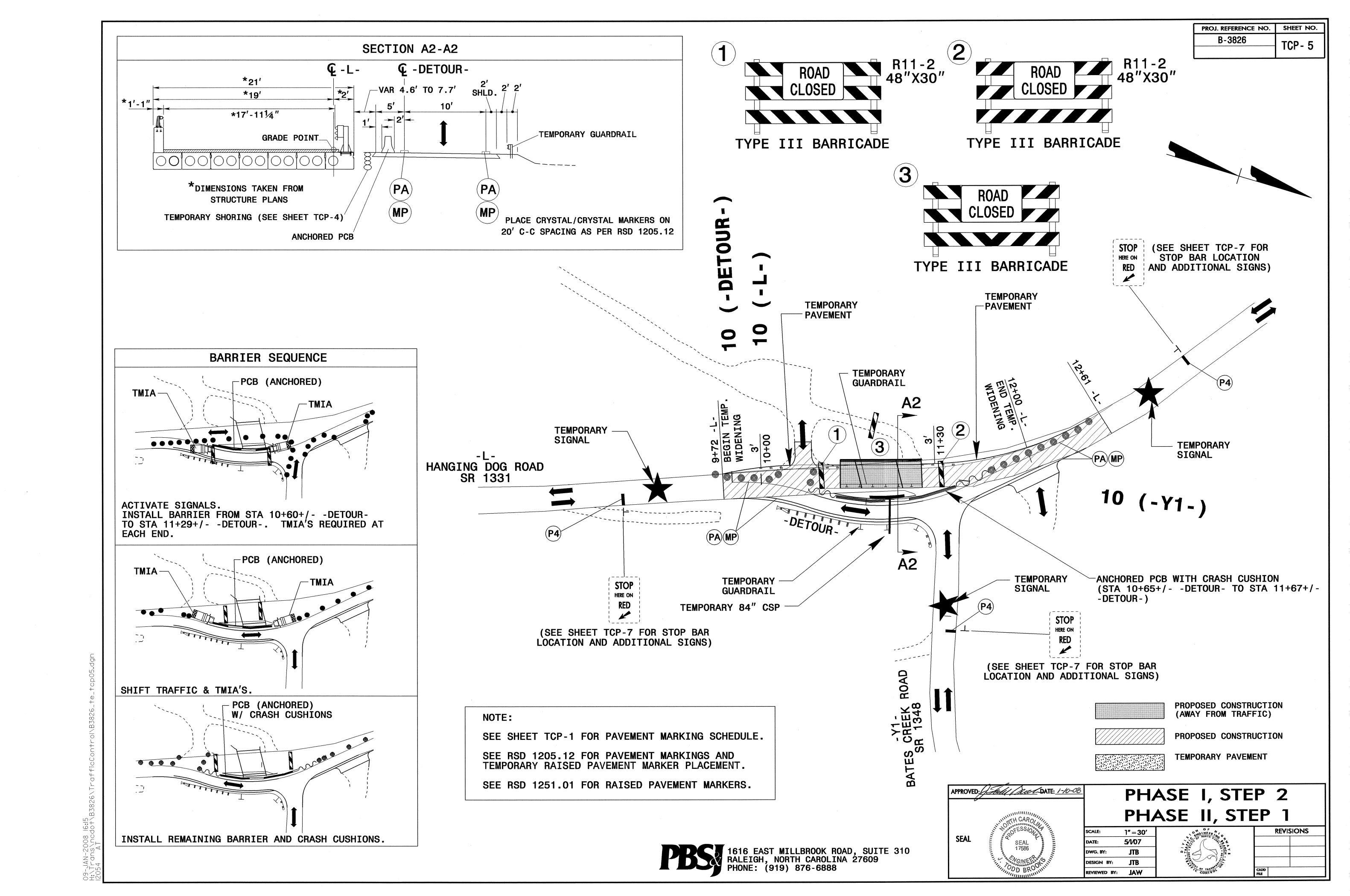
CADD

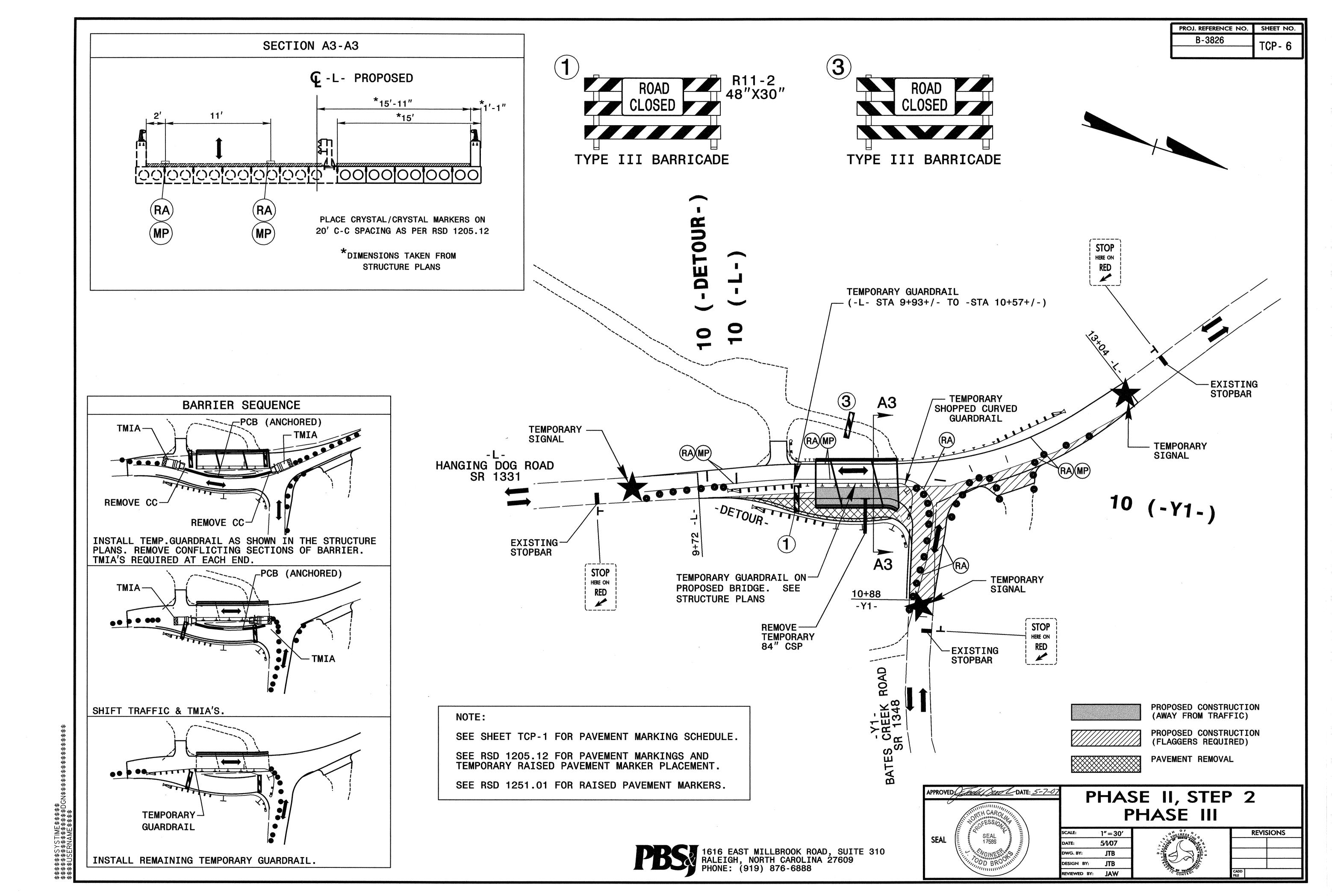
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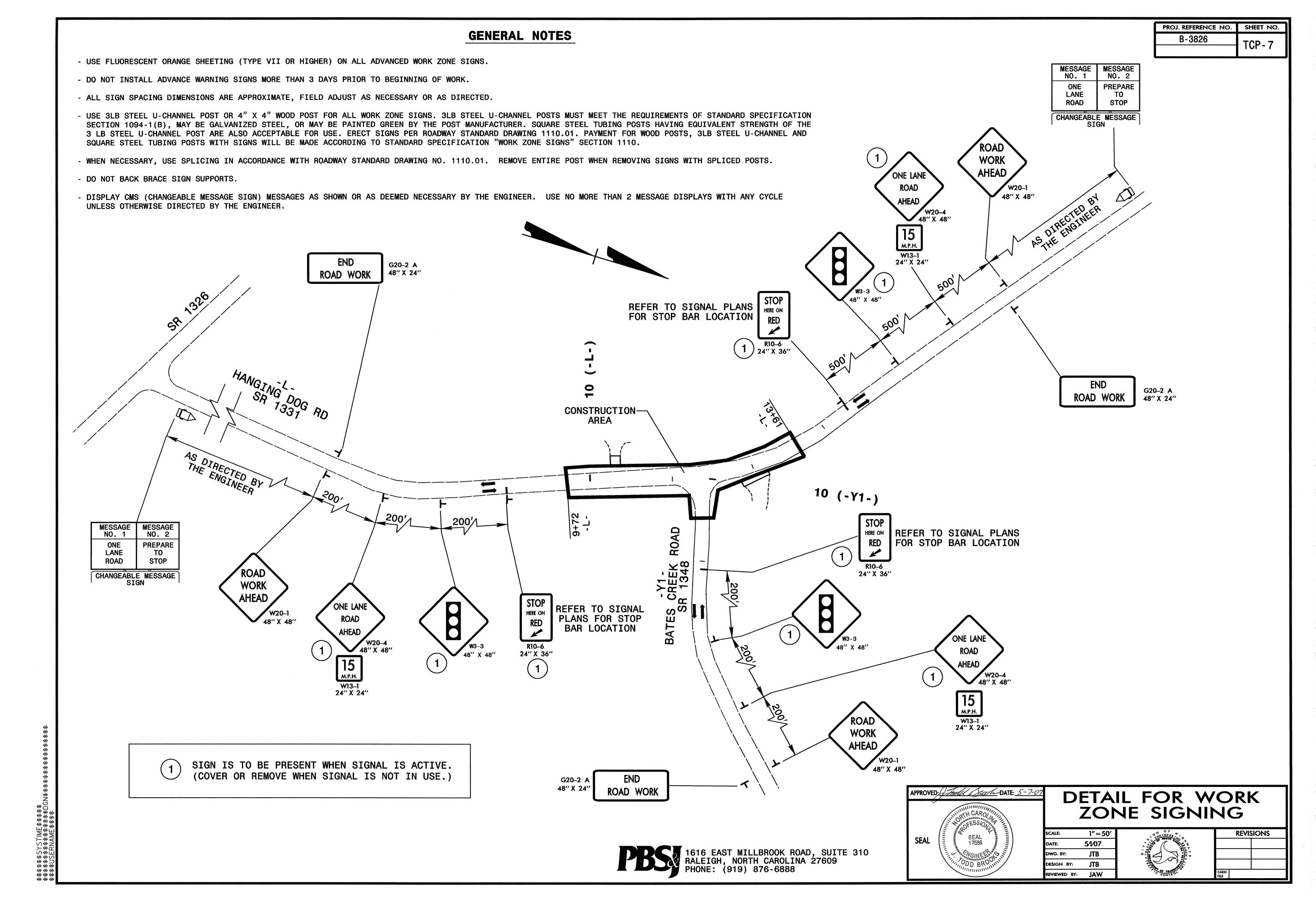
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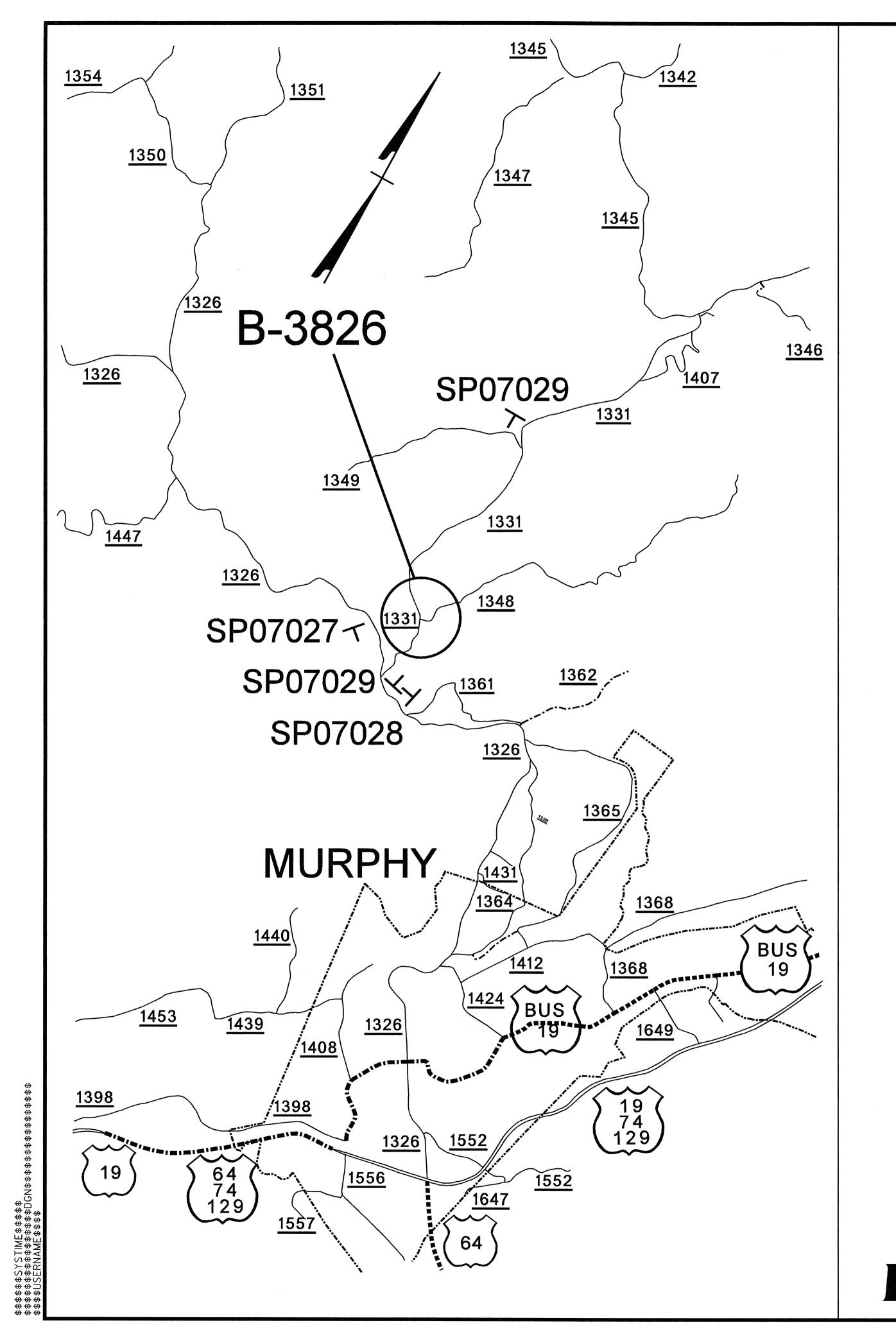
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PROJ. REFERENCE NO. SHEET NO.

B-3826
TCP-8

NO OVERSIZE LOAD
NEXT LEFT

SP07027

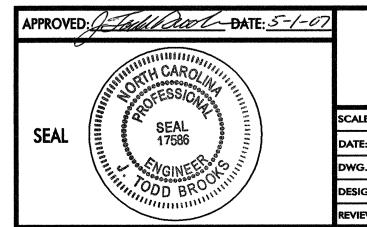
NO OVERSIZE LOAD
NEXT RIGHT

SP07028

NO OVERSIZE LOAD
16' HORIZONTAL CLEARANCE

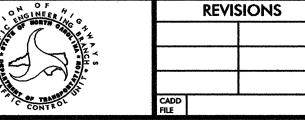
SP07105

SEE SHEET TCP-9 FOR SIGN DETAILS

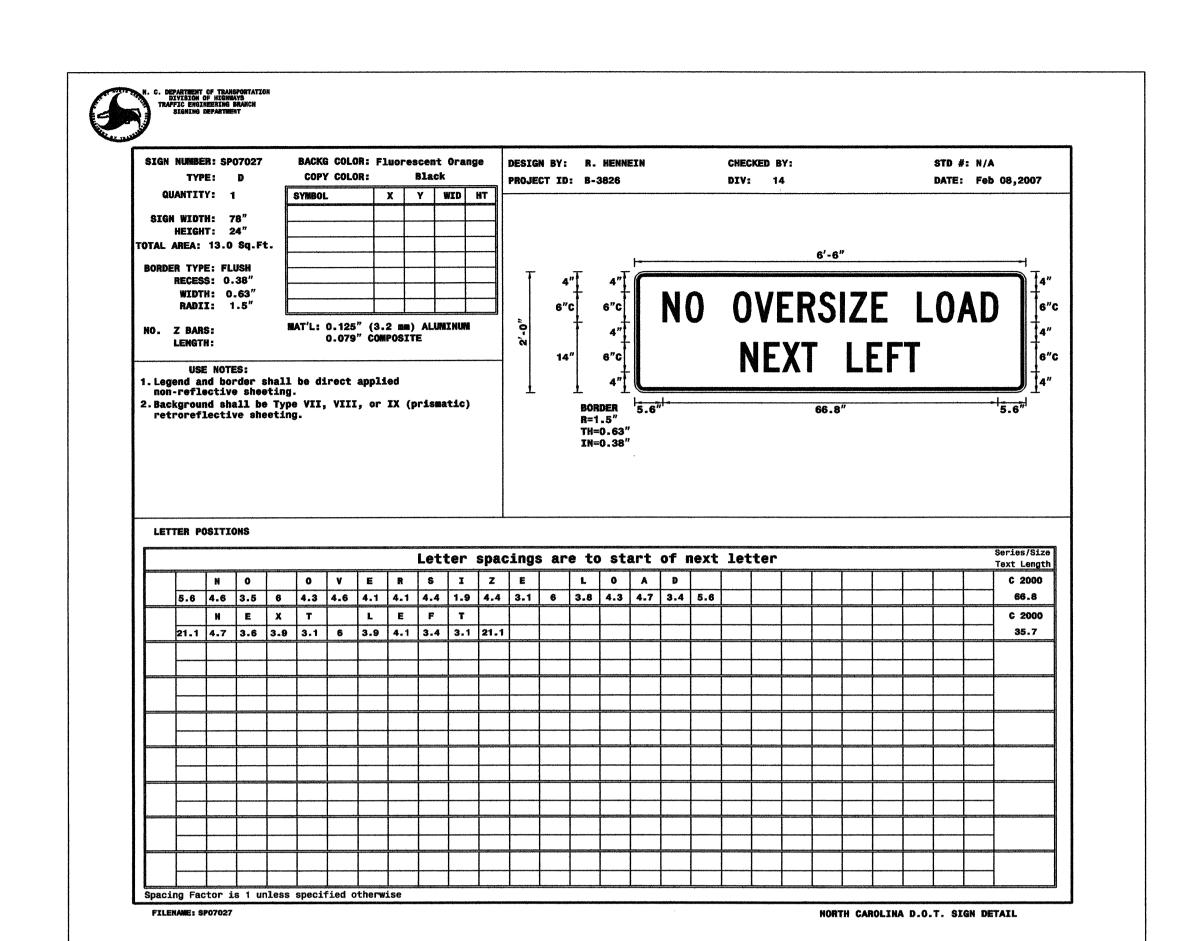


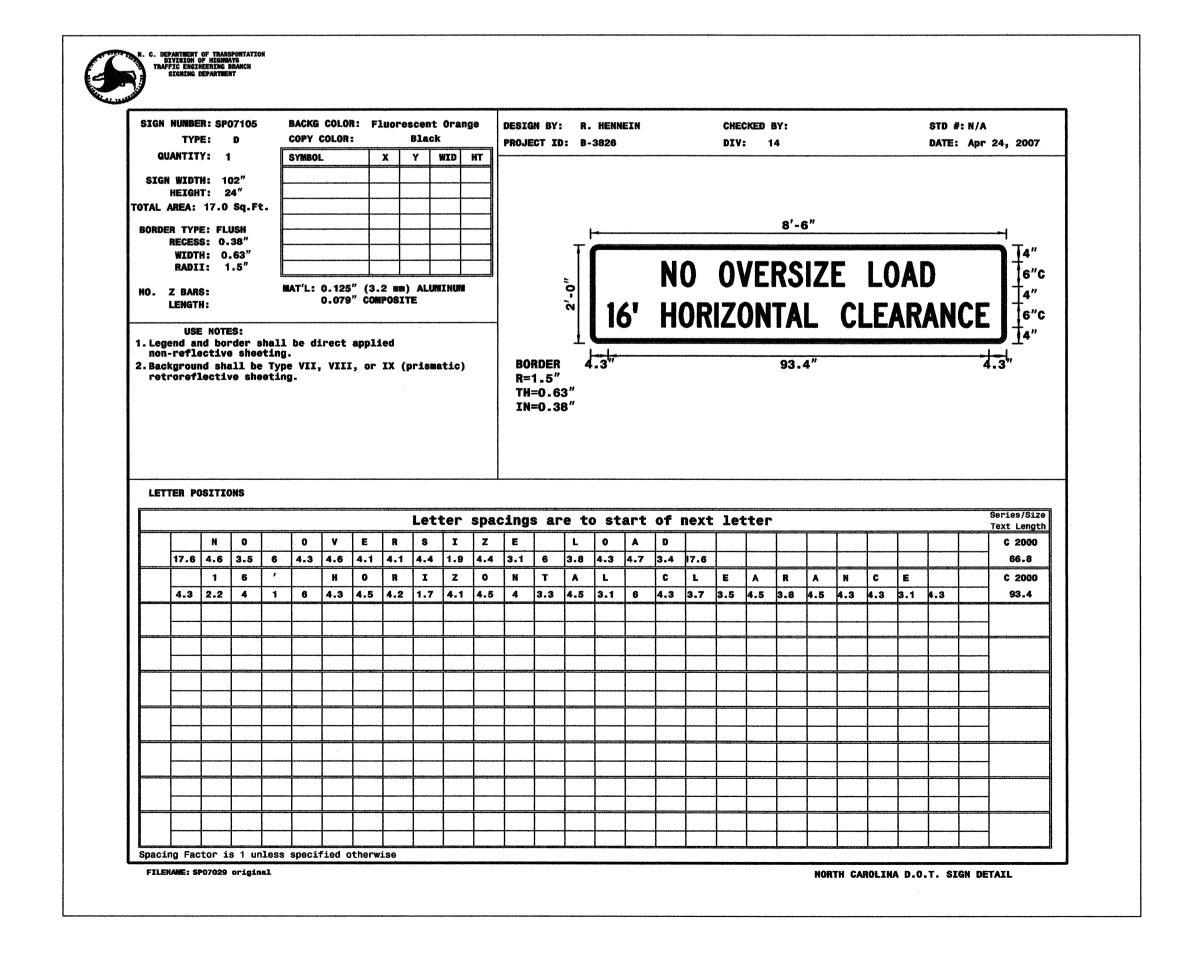
WIDE LOAD SIGNS

DATE: 5/V07
DWG. BY: JTB
DESIGN BY: JTB

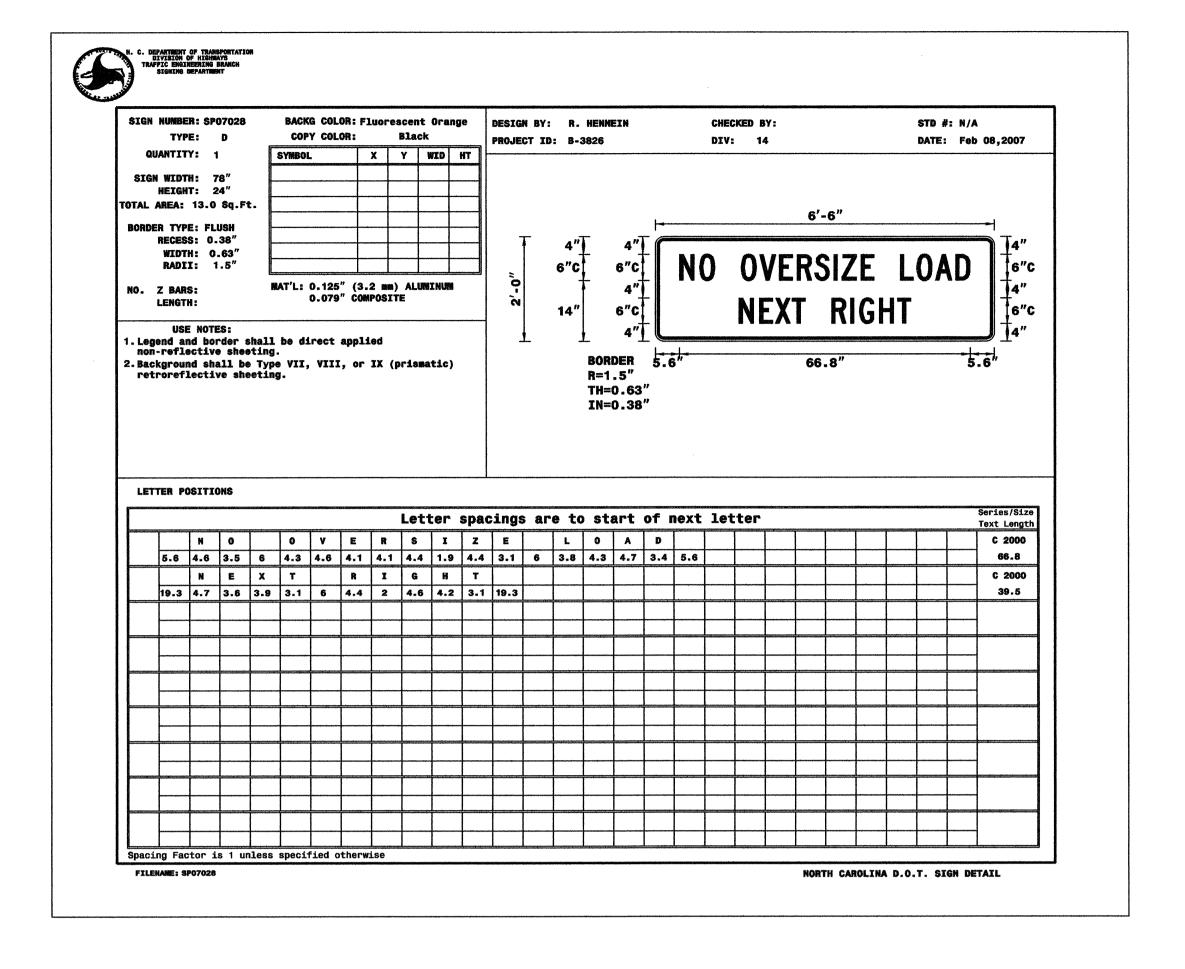


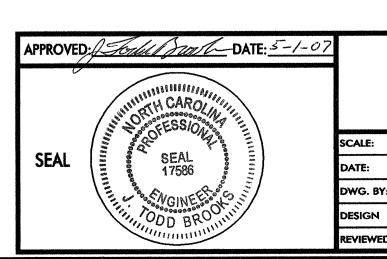
1616 EAST MILLBROOK ROAD, SUITE 310 RALEIGH, NORTH CAROLINA 27609 PHONE: (919) 876-6888





PROJ. REFERENCE NO.	SHEET NO.
B-3826	TCD O
	TCP-9





HIDE EOND DETONI OTOMO	WIDE	LOAD	DETOUR	SIGNS
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	NONE	OH OF		REVIS	1018
	5/1/07	S. C. S.			
r:	RH				
BY:	RH				
D BY:		CONTROL	CADD FILE		

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