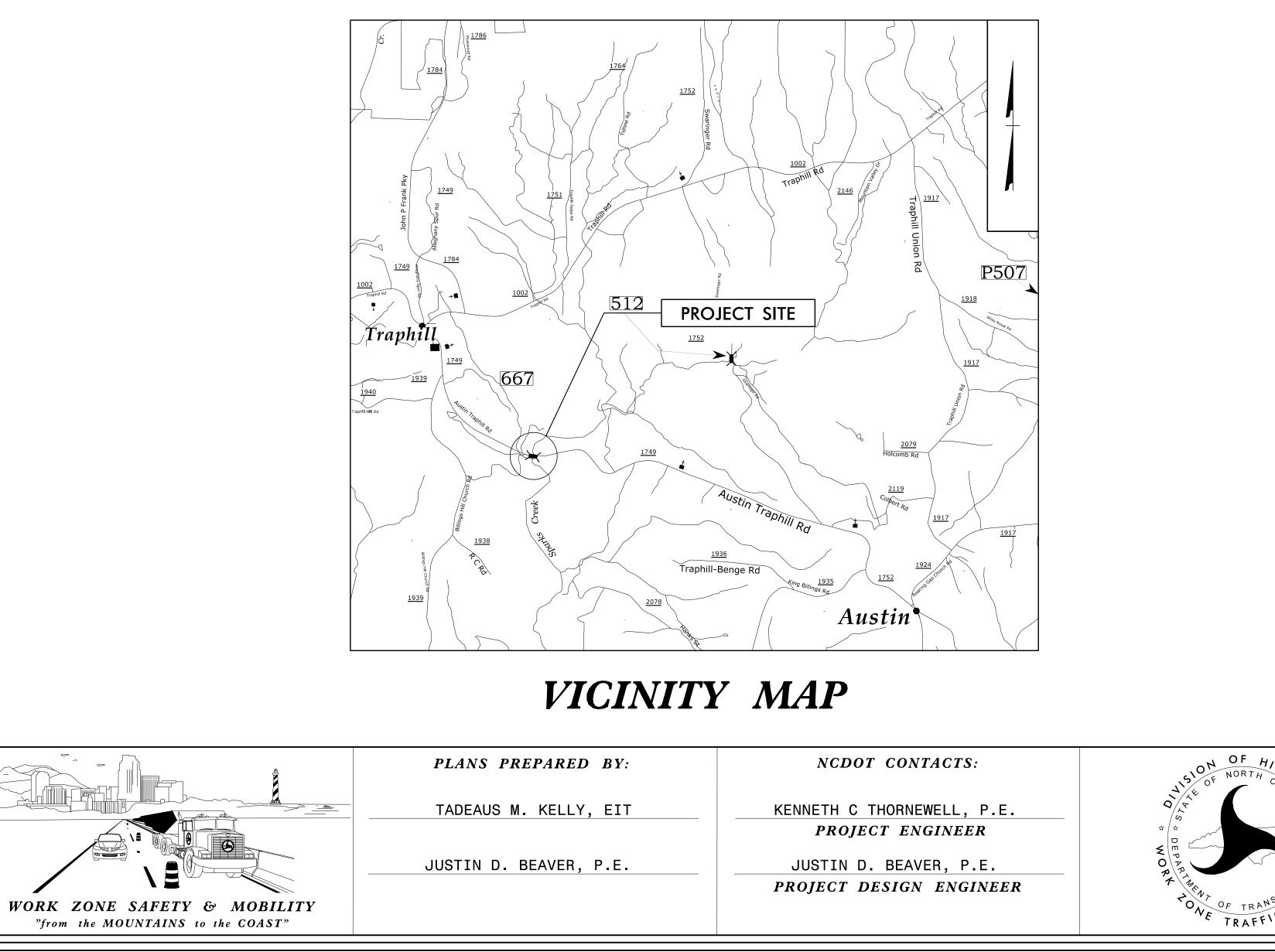






LOCATION: BRIDGE NO. 960667 OVER SPARKS CREEK ON SR 1749 (AUSTIN TRAPHILL ROAD) TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE



# WILKES COUNTY

SHEET NO.

- TMP 1
- TMP-1A
- TMP-1B
- TMP-2
- TMP-2A
- TMP-3
- TMP-4
- TMP-5

INDEX OF SHEETS
-----------------

## TITLE

TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND LOCAL NOTES) TEMPORARY SHORING DATA

PCB AT TEMPORARY SHORING LOCATIONS

TEMPORARY TRAFFIC CONTROL PHASING

TEMPORARY TRAFFIC CONTROL PHASE I DETAILS

TEMPORARY TRAFFIC CONTROL PHASE II DETAILS

26 10 BR

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DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

	DocuSigned by:	
APPROVED:_	Kenneth C. Th	ornewell fr., P.C.
	1E991EF27373405	•
<b>DATE:</b> 5/13/202	20	
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		PFESSION IF
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SEAL	r V	罢 044089
SEAL		The INE FR. No.
		C THORNELLIN

SHEET NO.

TMP-1

## ROADWAY STANDARD DRAWI

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAW N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSID A PART OF THESE PLANS:

STD. NO.

TITLE

1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	
1150.01	
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWA
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORAF
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOL
1262.01	
	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

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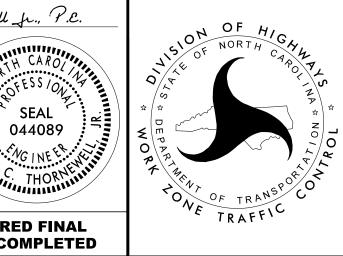
INGS	LEGEND
AWINGS" - 2018 DERED	GENERAL DIRECTION OF TRAFFIC FLOW DIRECTION OF PEDESTRIAN TRAFFIC FLOW EXIST. PVMT. NORTH ARROW PROPOSED PVMT. TEMP. SHORING (LOCATION PURPOSES ONLY) WORK AREA
	WEDGING
AYS	SIGNALS EXISTING PROPOSED PORTABLE PAVEMENT MARKINGS EXISTING LINES TEMPORARY LINES
RY)	TEMPORARY PAVEMENT I         (P1)       PAINT - WHITE EDG
SPACING UNTING	(P5) PAINT - 2' - 6'/SP
	P61 PAINT - WHITE STOP
	APPROVED: Kennett C. Thornewell Interpreter 27373405 DATE: SEAL SEAL
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		FERENCE NO.	SHEET NO.
		0126	TMP - 1A
TRAFF	IC CONTROL DEVICES		
	BARRICADE (TYPE III)		
	CONE		
ē	DRUM	MARKER	
-~~	TEMPORARY CRASH CUSHION		
	FLASHING ARROW BOARD		
	FLAGGER		
	LAW ENFORCEMENT		
	TRUCK MOUNTED ATTENUATOR (TMA)		
	CHANGEABLE MESSAGE SIGN		
TEMPO	RARY SIGNING		
PORT	ABLE SIGN		
⊢ STAT	IONARY SIGN		
, Stat	IONARY OR PORTABLE SIGN		
1			
PAVEM	ENT MARKERS		
CRY	STAL/CRYSTAL		
	STAL/RED		
YEL	LOW/YELLOW		
PAVEM	ENT MARKING SYMBOLS		
164	PAVEMENT MARKING SYMBOLS		
ARKING	_		

DGELINE (4")

SP WHITE MINISKIP (4")

TOPBAR (24")



## ROADWAY STANDARD DRAWINGS & LEGEND

	MANAGEMENT STRATEGIES
	FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR USION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).
RECO	OMMENDED STRATEGIES:
- ONE	OULDER CLOSURES E-LANE, TWO WAY OPERATION (FLAGGING) E-LANE, TWO WAY OPERATION (SIGNALIZED)
	GENERAL NOTES
LANE	AND SHOULDER CLOSURE REQUIREMENTS
A)	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.
B)	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.
C)	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.
D)	WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVE OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECT BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
E)	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.
PAVE	EMENT EDGE DROP OFF REQUIREMENTS
F)	BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT 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.
G)	DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN L OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARN] "UNEVEN LANES" SIGNS (W8-11) 350 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

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### TRAFFIC PATTERN ALTERATIONS

H) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN
   40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE
   (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- J) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

### TRAFFIC BARRIER

- K) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRANSPORTATION MANAGEMENT PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS OR AS DIRECTED BY THE ENGINEER.
- DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

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

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

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

L) 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 ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/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: (SEE ALSO 1101.05)

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45 - 50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

#### PAVEMENT MARKINGS AND MARKERS

ROAD NAME

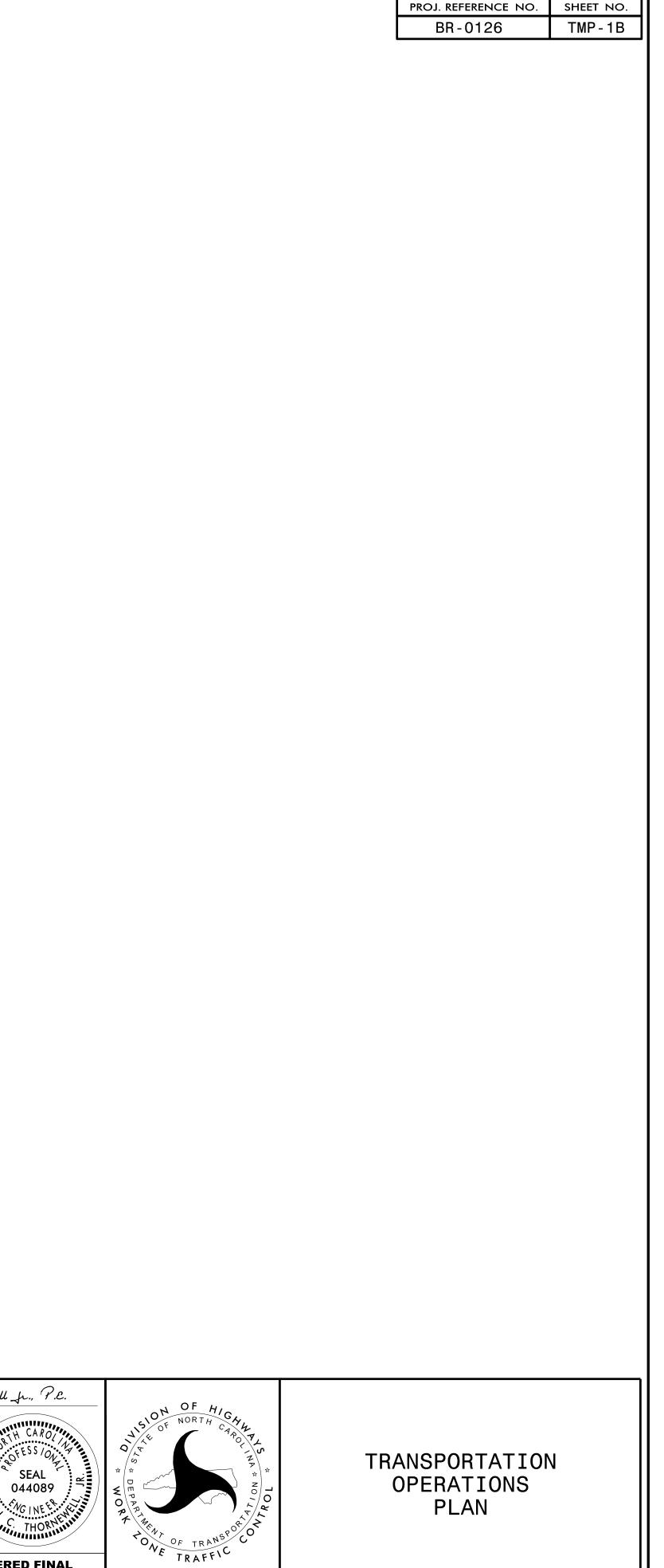
M) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS N INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

MARKING

MARKERS

N LANES	SR 1749 (AUSTIN TRAPHILL RD)	PAINT	NONE

APPROVED: Kunstl C. Thornewell Jr., P.C. 1E991EF27373405... DATE: SEAL SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



SHC	RING LOCATION #1 (QUANTITY = 216 SF)
	TEMPORARY SHORING AND POSITIVE PROTECTION FOR NS AND TEMPORARY SHORING PROVISION.
	PORARY SHORING IS REQUIRED FOR THE END BENT CON $93 \pm -L$ -, 0' LT, TO STATION 16+20 $\pm -L$ -, 0' LT.
GRC	ORE BEGINNING TEMPORARY SHORING DESIGN OR CONST OUND ELEVATIONS IN THE VICINITY OF SHORING LOCAT ORING HEIGHTS.
± - L	FIGN TEMPORARY SHORING FROM STATION 15+93 ±-L-, -, 0' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMET VATION: UNIT WEIGHT $(\gamma)$ = 120 LB/CF FRICTION ANGLE $(\phi)$ = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 1184 FT
STA	VEN PILING FOR TEMPORARY SHORING FROM STATION 1 TION 16+20 ±-L-, O' LT. MAY NOT PENETRATE BELOW TRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR
	NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING LT, TO STATION 16+20 ±-L-, 0' LT.
SHC	THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY RING FROM STATION 15+93 ±-L-, O' LT, TO STATION NDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY
FRC	MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL W M STATION 15+93 ±-L-, O' LT, TO STATION 16+20 ±- L NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PRO
<u>SH(</u>	DRING LOCATION #2 (QUANTITY = 176 SF)
	R TEMPORARY SHORING AND POSITIVE PROTECTION FOR ANS AND TEMPORARY SHORING PROVISION.
	MPORARY SHORING IS REQUIRED FOR THE END BENT INS ⊦08 ±-L-, 0' LT, TO STATION 17+30 ±-L-, 0' LT.
<b>?</b> (	FORE BEGINNING TEMPORARY SHORING DESIGN OR CONST DUND ELEVATIONS IN THE VICINITY OF SHORING LOCAT DRING HEIGHTS.
± -	SIGN TEMPORARY SHORING FROM STATION 17+08 ±-L-, , O' LT, FOR THE FOLLOWING ASSUMED SOIL PARAME EVATION:
	UNIT WEIGHT $(\gamma) = 120 \text{ LB/CF}$ FRICTION ANGLE $(\phi) = 30 \text{ DEGREES}$ COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 1184
ST	IVEN PILING FOR TEMPORARY SHORING FROM STATION 1 ATION 17+30 ±-L-, O' LT MAY NOT PENETRATE BELOW STRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OF
	NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING LT, TO STATION $17+30 \pm -L-$ , $0'$ LT.
SHO	THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY DRING FROM STATION 17+08 ±-L-, O' LT, TO STATION ANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY
FR	MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL W OM STATION 17+08 ±-L-, O' LT, TO STATION 17+30 ± IL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PRO
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## TES

OR TEMPORARY SHORING, SEE

CONSTRUCTION FROM STATION

ISTRUCTION, SURVEY EXISTING CATIONS TO DETERMINE ACTUAL

, O' LT, TO STATION 16+20 METERS AND GROUNDWATER

I 15+93 ±-L-, O' LT, TO OW ELEVATION 1172 FT DUE TO OR WEATHERED OR HARD ROCK.

G FROM STATION 15+93 ±-L-,

RY SHORING FOR TEMPORARY ON 16+20 ±-L-, 0' LT. SEE RY SHORING.

WALL FOR TEMPORARY SHORING ±-L-, 0' LT. FOR TEMPORARY ROVISION.

DR TEMPORARY SHORING, SEE

INSTALLATION FROM STATION

NSTRUCTION, SURVEY EXISTING CATIONS TO DETERMINE ACTUAL

-, 0' LT, TO STATION 17+30 METERS AND GROUNDWATER

N 17+08 ±-L-, O' LT, TO W ELEVATION 1168 FT DUE TO OR WEATHERED OR HARD ROCK.

NG FROM STATION 17+08 ±-L-,

RY SHORING FOR TEMPORARY ON 17+30 ±-L-, 0' LT. SEE ARY SHORING.

- WALL FOR TEMPORARY SHORING ±-L-, O'LT. FOR TEMPORARY PROVISION. SHORING LOCATION #3 (QUANTITY = 60 SF)

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE END BENT CONS  $16+05 \pm -L-$ , 2' LT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTI VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL

DESIGN TEMPORARY SHORING FROM STATION 15+93 ±-L-, FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF FRICTION ANGLE ( $\phi$ ) = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 1184 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 1 NOT PENETRATE BELOW ELEVATION 1172 FT DUE TO OBSTR WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY ±-L-, 2' LT, TO STATION 16+05 ±-L-, 2' LT. SEE STAN SHORING.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORAR ±-L-, 2' LT, TO STATION 16+05 ±-L-, 2' LT. SEE GEOTI TEMPORARY WALLS.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR REINFORCED ZONE OF TEMPORARY WALLS.

SHORING LOCATION #4 (QUANTITY = 60 SF)

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE END BENT INST  $17+30 \pm -L-$ , 2' LT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONST VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL

DESIGN TEMPORARY SHORING FROM STATION 17+18 ±-L-, 2 FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER I UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF FRICTION ANGLE ( $\phi$ ) = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 1184

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 1 NOT PENETRATE BELOW ELEVATION 1168 FT DUE TO OBSTRU WEATHERED OR HARD ROCK.

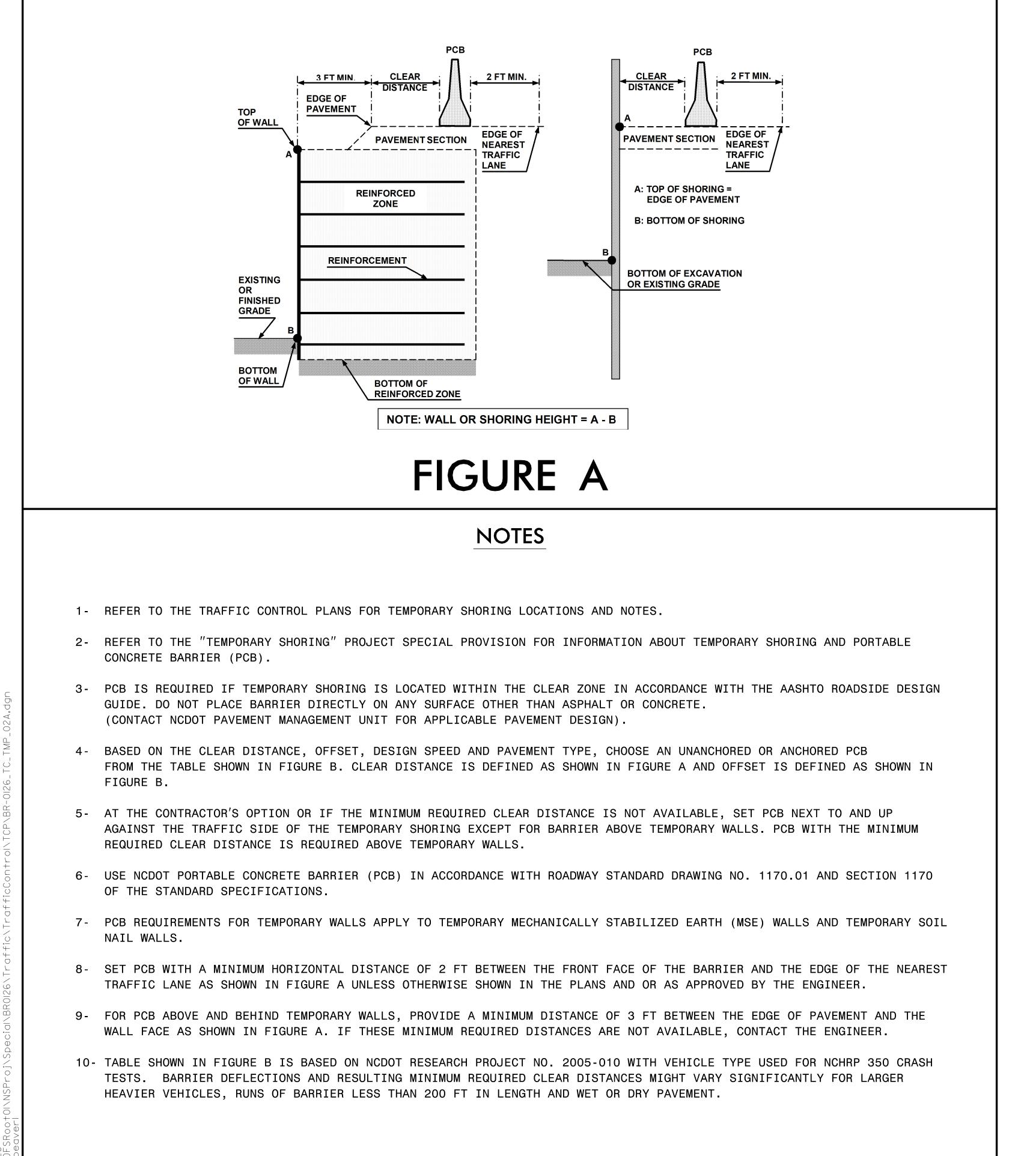
AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY ±-L-, 2' LT, TO STATION 17+30 ±-L-, 2' LT. SEE STAND SHORING.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORAR  $\pm$ -L-, 2' LT, TO STATION 17+30  $\pm$ -L-, 2' LT. SEE GEOTE TEMPORARY WALLS.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR REINFORCED ZONE OF TEMPORARY WALLS.

	APPROVED:
	DATE:
OTAL SHORING QUANTITY = 512 SF	SEAL
HE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED HROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING	
NIT. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION ON MAY 7, 2020, ND SEALED BY A PROFESSIONAL ENGINEER, SHIPING YANG, LICENSE #031361.	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

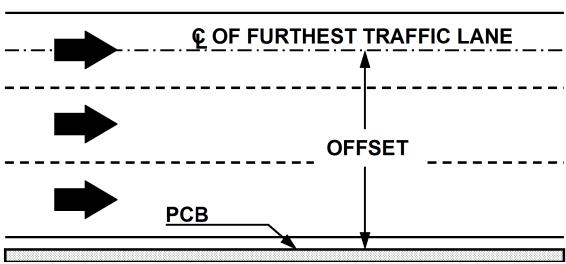
		PROJ. REFERENCE NO.	SHEET NO.	
		BR-0126	TMP-2	
TEMPORARY SHORING, SEE PLANS	AND TEMPORAR	Y SHORING		
NSTRUCTION FROM STATION 15+93	±-L-, 2′LT,	TO STATION		
TRUCTION, SURVEY EXISTING GROU	ND ELEVATION	S IN THE		
SHORING HEIGHTS.				
2' LT, TO STATION 16+05 ±-L-,	2' LT, FOR T	HE		
ELEVATION:				
15+93 ±-L-, 2' LT, TO STATION <sup>-</sup>	16+05 ±-L-, 2	2' LT. MAY		
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RY WALL FOR TEMPORARY SHORING				
FECHNICAL STANDARD DETAIL NO.	1801.02 FOR	STANDARD		
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R BRIDGE APPROACH FILLS, WHICH		•		
TEMPORARY SHORING, SEE PLANS	AND IEMPORAR	T SHUKING		
STALLATION FROM STATION 17+18	±-L-, 2'LT,	TO STATION		
FRUCTION, SURVEY EXISTING GROU SHORING HEIGHTS.	NU ELEVAIION	S IN THE		
SHORING HEIGHTS.				
2' LT, TO STATION 17+30 ±-L-,	2'LT, FOR T	ΉE		
ELEVATION:	-			
17+18 ±-L-, 2' LT, TO STATION <sup>-</sup>	17+30 ± -L-,	2' LT MAY		
RUCTIONS, VERY DENSE OR HARD S	•			
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RY WALL FOR TEMPORARY SHORING				
FECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD				
WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE				
R BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE				
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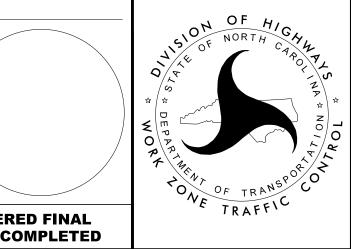
							PROJ.	REFERENCE NO.	SHEET N
							В	SR-0126	TMP-2
Barrier Type Barrier	MINIM Pavement Type Asphalt	UM REQUI Offset * ft <8 8-14 14-20 20-26 26-32 32-38 38-44 44-50 50-56 >56 <8 8-14 14-20 20-26 26-32 32-38 38-44	RED CI <30 24 26 27 28 29 30 31 31 32 32 17 19 22 23 24 24 24 25			E, inches ed, mph 51-60 32 35 36 38 39 41 43 43 43 43 44 45 22 25 26 27 28 30 30		$71-80 \\ 40 \\ 42 \\ 43 \\ 44 \\ 45 \\ 46 \\ 48 \\ 49 \\ 50 \\ 51 \\ 26 \\ 29 \\ 31 \\ 34 \\ 35 \\ 36 \\ 37 \\ $	
		38-44       44-50       50-56       >56	25 26 26 26	26 26 26 27	28 28 28 29	30       32       32       32       32	34       35       35       35       36	37 37 38 38	
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds						
Anchored PCB	Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds						



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DATE:
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# FIGURE B



PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS

## PHASING

NOTES:

BEFORE BEGINNING ANY WORK ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL NECESSARY SIGNS AND TRAFFIC CONTROL DEVICES. FIELD VERIFY LOCATIONS WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS DURING CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS DIRECTED IN THE PHASING NOTES.

PHASE 1

STEP 1:

USING RSD 1101.01, SHEET 3 OF 3, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON SR 1749.

STEP 2:

USING RSD 1101.02, SHEET 1 OF 14, AND TMP-4, PERFORM THE FOLLOWING: -IN A CONTINUOÚS OPERATION, PLACE TRAFFIC CONTROL DEVICES, INSTALL PORTABLE CONCRETE BARRIER AND CRASH CUSHIONS, AND ACTIVATE TEMPORARY PORTABLE SIGNAL SYSTEM. -ERADICATE ANY CONFLICTING PAVEMENT MARKINGS AND INSTALL TEMPORARY MARKINGS. -INSTALL TEMPORARY SHORING.

STEP 3:

AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:

-COMPLETE STAGE 1 BRIDGE CONSTRUCTION AND APPROACHES UP TO BUT NOT INCLUDING FINAL LAYER OF PAVEMENT ON PROPOSED ALIGNMENT USING FLAGGING OPERATIONS AS NECESSARY. WEDGE EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH TIE-IN WITH PROPOSED PAVEMENT.

PHASE 2

STEP 1:

- USING RSD 1101.02, SHEET 1 OF 14, AND TMP-5, PERFORM THE FOLLOWING: -RESET PORTABLÉ CONCRETE BARRÍER AND CRASH CUSHIONS TO NEW BRIDGE AS SHOWN. PORTABLE CONCRETE BARRIER SHALL BE ANCHORED.
  - -SHIFT TRAFFIC TO LT SIDE OF PROPOSED STRUCTURE UNDER ONE-LANE TWO WAY PATTERN AS SHOWN ON TMP-5.

STEP 2:

AWAY FROM TRAFFIC, PERFORM THE FOLLWING:

-REMOVE EXISTING STRUCTURE.

INCLUDING THE FINAL LAYER OF PAVEMENT.

STEP 3:

USING RSD 1101.02, SHEET 1 OF 14, AND TMP-5, PLACE TEMPORARY PAVEMENT MARKINGS ON INTERIM PAVEMENT LAYERS, REMOVE TEMPORARY PORTABLE SIGNAL SYSTEM, AND SHIFT TRAFFIC TO FINAL PATTERN.

STEP 4:

USING RSD 1101.02, SHEET 1 OF 14, PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS.

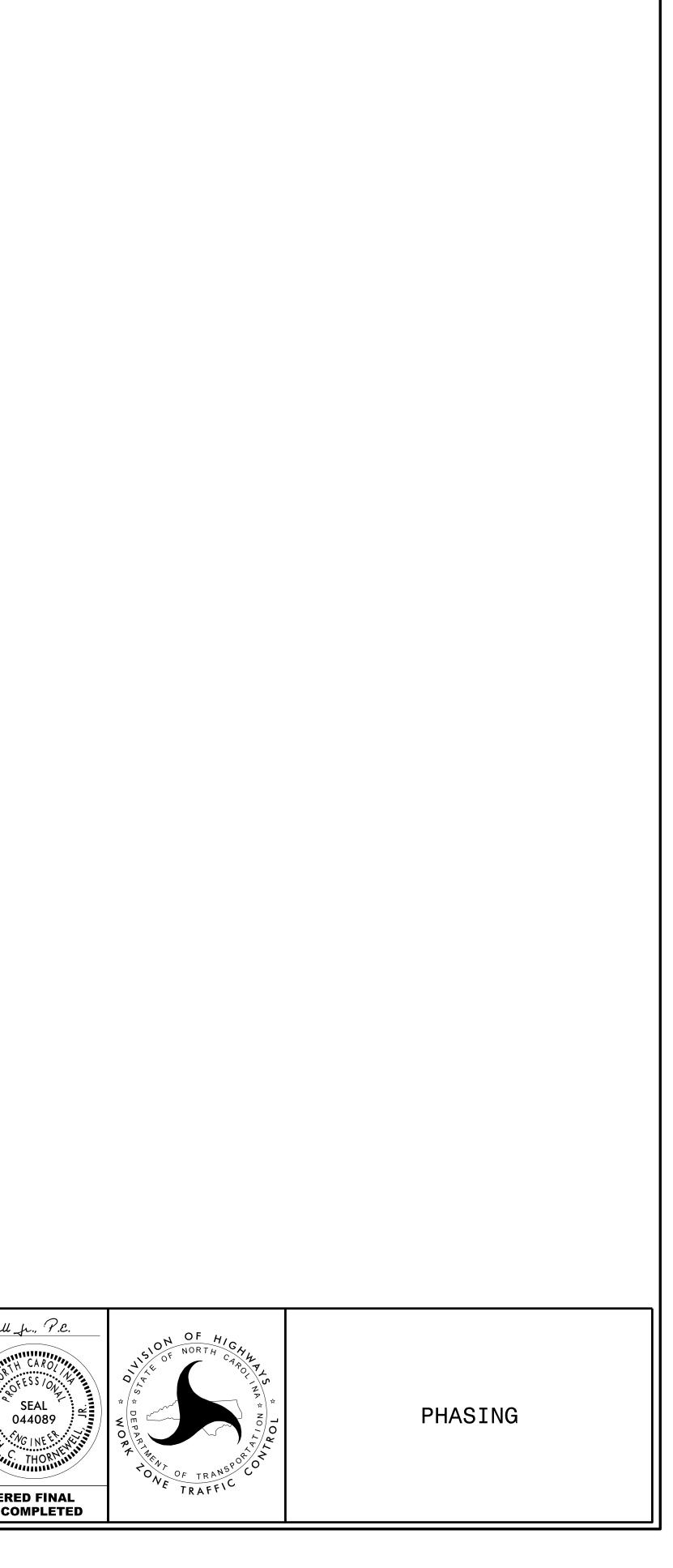
STEP 5:

REMOVE ALL TEMPORARY WORK ZONE TRAFFIC CONTROL DEVICES.

-INSTALL ADDITIONAL TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS AS SHOWN.

-COMPLETE BRIDGE CONSTRUCTION AND APPROACHES ON PROPOSED ALIGNMENT UP TO BUT NOT

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SEAL
5/12/2020 DATE:
1E991EF27373405
APPROVED Kenneth C. Thornewell



PROJ. REFERENCE NO.

BR-0126

SHEET NO.

TMP-3

