

SHEET NO. TMP - 1 TMP-1A TMP-1B-1C TMP-2 TMP-2A

> TMP-2B TMP-2C

TMP-3

TMP-4 THRU TMP-7

TMP-8

# INDEX OF SHEETS

SHEET NO. TMP-1

E

•	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	
	RAMP D OFFSITE DETOUR DETAILS	$\square$
	RAMP C OFFSITE DETOUR DETAILS	0
	I-40 CLOSURE FOR GIRDERS/BRIDGE DEMOLITION DETAILS	0
	TEMPORARY TRAFFIC CONTROL PHASING	
RU	PHASE I DETAILS	
	PHASE II DETAILS	

		PRO
UNLESS ALL SIGNA	Docusigned by: Don A. Parker	
<i>APPROVED:</i> 01/11/2022 <i>DATE:</i>	4DD48288281841D 4DD48288281841D A PARAMETER CARO/ A PARAMETER CARO/ 4DD48288281841D 4DD48251	
SEAL	H D NG INE ER.	

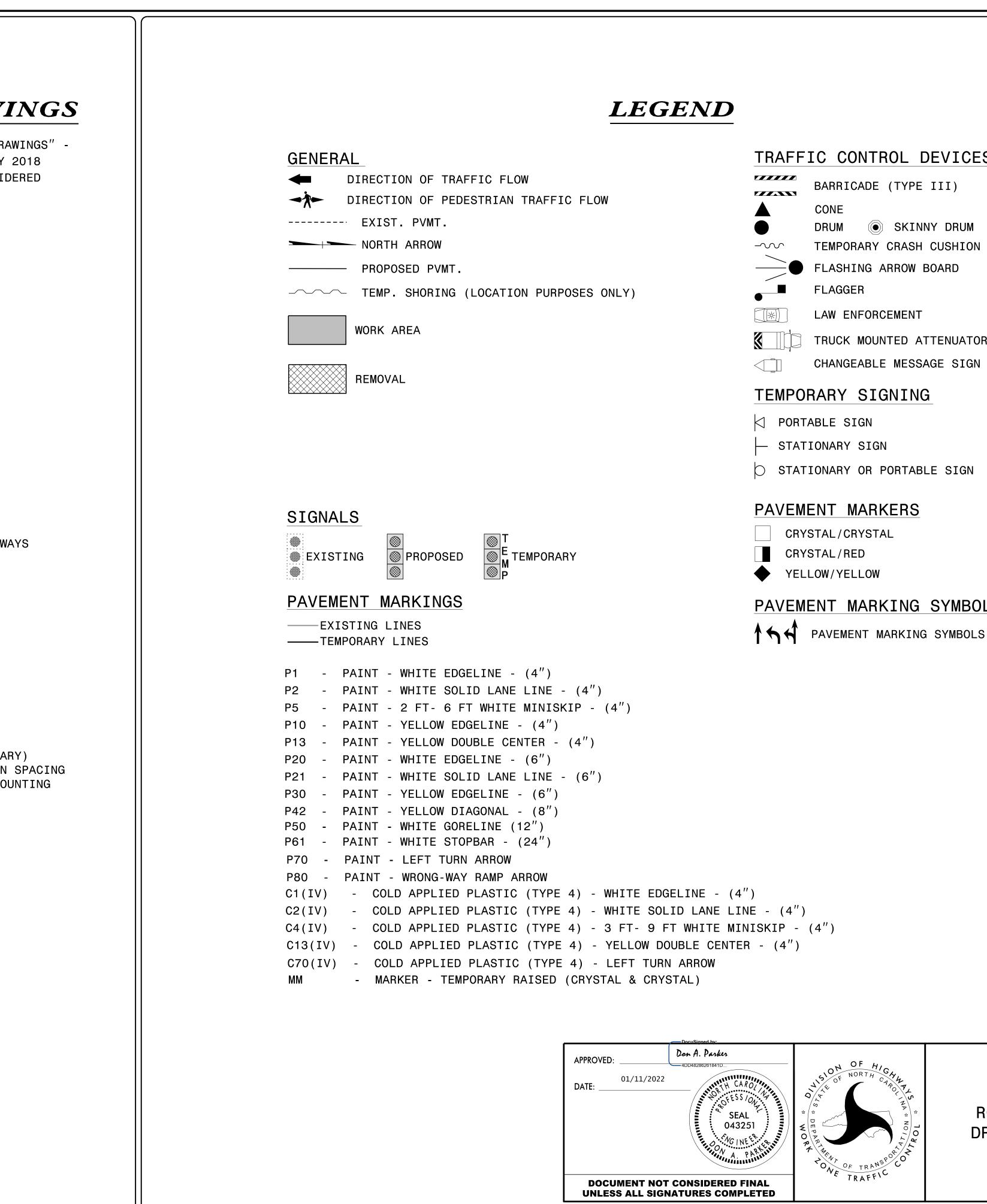
## ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" -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 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	
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWA
1205.03	
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
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	
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION



		PROJ. REFERENCE NO.	SHEET NO
	[	BR-0033	TMP-1A
TRAFF.	IC CONTROL DEVICES		
	BARRICADE (TYPE III)		
	CONE		
ē	DRUM 🔘 SKINNY DRUM 🎯 -	TUBULAR MARKER	
-~~	TEMPORARY CRASH CUSHION		
	FLASHING ARROW BOARD		
	FLAGGER		
	LAW ENFORCEMENT		
	TRUCK MOUNTED ATTENUATOR (TM	۹)	
	CHANGEABLE MESSAGE SIGN		
TEMPO	RARY SIGNING		
	ABLE SIGN		
	IONARY SIGN		
STAT:	IONARY OR PORTABLE SIGN		
ΡΔ\/ΕΜΙ	ENT MARKERS		
	STAL/CRYSTAL		
	STAL/CRISTAL STAL/RED		
	_OW/YELLOW		

## ROADWAY STANDARD DRAWINGS & LEGEND

	MANAGEMENT STRATEGIES						
	OWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR N WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).						
RECOMMEN	RECOMMENDED STRATEGIES:						
ROL LAN SHC ONE NIG WEE WOF	MANAGEMENT STRATEGIES: LING ROADBLOCK E SHIFTS OR CLOSURES OULDER CLOSURES -LANE, TWO WAY OPERATION (FLAGGING) HT WORK KEND WORK K HOUR RESTRICTIONS FOR PEAK TRAVEL -SITE DETOURS						
	GENERAL NOTES / LOCAL NOTES						
DRAWINGS TO MEET OVERLAPF	MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL S, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED PING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, ENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE A.						
THE CONS	OWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF TRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN TED BY THE ENGINEER.						
TIME RES	STRICTIONS						
A) DO NO	T CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:						
ROAD	NAME DAY AND TIME RESTRICTIONS						
I-40	SUNDAY-SATURDAY 6:00 AM - 7:00 PM						
,	OT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL S AS FOLLOWS:						
ROAD	NAME						
I-40							
HOLID	AY						
1.	FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.						
2.	FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 AM DECEMBER 31st TO 7:00 PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 PM THE FOLLOWING TUESDAY.						
3.	FOR EASTER, BETWEEN THE HOURS OF 6:00 AM THURSDAY AND 7:00 PM MONDAY.						
4.	FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY TO 7:00 PM TUESDAY.						
5.	FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 AM THE DAY BEFORE INDEPENDENCE DAY AND 7:00 PM THE DAY AFTER INDEPENDENCE DAY.						
	IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.						
6.	FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY AND 7:00 PM TUESDAY.						
7.	FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 AM TUESDAY TO 7:00 PM MONDAY.						
8.	FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.						

10/2022 \Seacial\BR0033\Iraffic\Iraffic[centrol\ICP\90; BB-0033\BR-0033 IC IMP 01B dom

/10/2022

9. FOR	WEEKENDS	BETWEEN OCTOB	ER 12TH AND OC	TOBER 31ST BETWEEN
THE	HOURS OF	6:00 A.M. FRI	DAY TO 7:00 P.	M. MONDAY

C) DO NOT CLOSE ROAD AS FOLLOWS:

ROAD NAME	DAY & TIME RESTRICTIONS	OPERATION
I-40	SUNDAY-SATURDAY 6:00 AM - 11:00 PM	GIRDER INSTALLATION AND BRIDGE DEMOLITION

LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) 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.
- E) 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.
- F) 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.

- G) 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.
- H) 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.

PAVEMENT EDGE DROP OFF REQUIREMENTS

I) 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.

J) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- L) 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.
- M) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- TO N) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

0) COVER OR R TO CLOSE T OPERATION. COVER OR R DETOUR WHE

TRAFFIC CONTROL

P) WHEN LANE CL AREAS NO GRE 10 FT ON-CEN REFER TO STA 1130 (DRUMS) REQUIREMENTS

Q) PLACE TYPE ATTACHED, C

PAVEMENT MARKING

R) INSTALL TEM ON INTERIM

ROAD NAME

ALL ROADS BRIDGE DECK

S) FOR I-40, PL PLACE A THIF APPLICATION

FOR OTHER RO PATTERNS. PL INITIAL APPL

- T) TIE PROPOSEL LINES.
- U) REMOVE/REPL/ MARKERS BY

TRAFFIC BARRIER

V) INSTALL TEMP PLANS A MAX LOCATION. ON PROCEED IN A IN THAT LOCA MANAGEMENT P

> DO NOT PLACI CONCRETE.

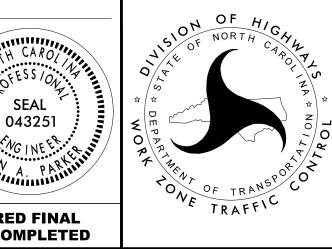
ONCE TEMPORA IS PERFORMED THAN TWO (2 COST TO THE TRANSPORTAT A HAZARD, O

INSTALL TEM THE UPSTREAD THE TRAFFIC

INSTALL AND LIMIT (MPH) UNTIL THE T TEMPORARY B

		DocuSigned_by:
APPROVED	:	<b>Don A. Parker</b> 4DD48286261841D
DATE:	01/11/2022	111111 1118
		T CONSIDER

	PROJ. REFERENCE NO.	SHEET NO.		
REMOVE ALL SIGNS AND DEVICES REQUIRED THE ROAD WHEN ROAD CLOSURE IS NOT IN	BR-0033	TMP-1B		
EMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE N THE DETOUR IS NOT IN OPERATION.				
L DEVICES				
LOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK EATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, NTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. ANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS ), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL S.				
III BARRICADES, WITH "ROAD CLOSED" SIGN OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROAD				
NGS AND MARKERS				
MPORARY PAVEMENT MARKINGS AND TEMPORARY PA LAYERS OF PAVEMENT AS FOLLOWS:	AVEMENT MARKERS			
MARKING	MARKE	ĒR		
PAINT K COLD APPLIED PLASTIC TYPE IV (REMOVA		/CRYSTAL NE		
PLACE TWO APPLICATIONS OF PAINT FOR TEMPOF IRD APPLICATION OF PAINT SIX (6) MONTHS AF N AND EVERY SIX MONTHS AS DIRECTED BY THE	TER THE INITIAL	TERNS.		
ROADS, PLACE ONE APPLICATION OF PAINT FOR PLACE A SECOND APPLICATION OF PAINT SIX (6 PLICATION AND EVERY SIX MONTHS AS DIRECTED	3) MONTHS AFTER <sup>-</sup>	ГНЕ		
ED PAVEMENT MARKING LINES TO EXISTING PAVE	EMENT MARKING			
LACE ANY CONFLICTING/DAMAGED PAVEMENT MARK THE END OF EACH DAY'S OPERATION.	KINGS AND			
MPORARY BARRIER ACCORDING TO THE TRANSPORT XIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING ONCE TEMPORARY BARRIER IS INSTALLED AT ANY A CONTINUOUS MANNER TO COMPLETE THE PROPO CATION UNLESS OTHERWISE STATED IN THE TRAN PLANS OR AS DIRECTED BY THE ENGINEER.	WORK IN ANY / LOCATION )SED WORK	Γ		
CE BARRIER DIRECTLY ON ANY SURFACE OTHER T	HAN ASPHALT OR			
RARY BARRIER IS INSTALLED AT ANY LOCATION ED BEHIND THE TEMPORARY BARRIER FOR A PERI 2) MONTHS, REMOVE / RESET TEMPORARY BARRIE E DEPARTMENT UNLESS OTHERWISE STATED IN TH TION MANAGEMENT PLANS, TEMPORARY BARRIER I OR AS DIRECTED BY THE ENGINEER.	OD LONGER ER AT NO IE			
MPORARY BARRIER WITH THE TRAFFIC FLOW BEGI AM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRI C FLOW BEGINNING WITH THE DOWNSTREAM SIDE	IER AGAINST			
D SPACE DRUMS NO GREATER THAN TWICE THE PO ) TO CLOSE OR KEEP THE SECTION OF THE ROAD TEMPORARY BARRIER CAN BE PLACED OR AFTER T BARRIER IS REMOVED.	WAY CLOSED			

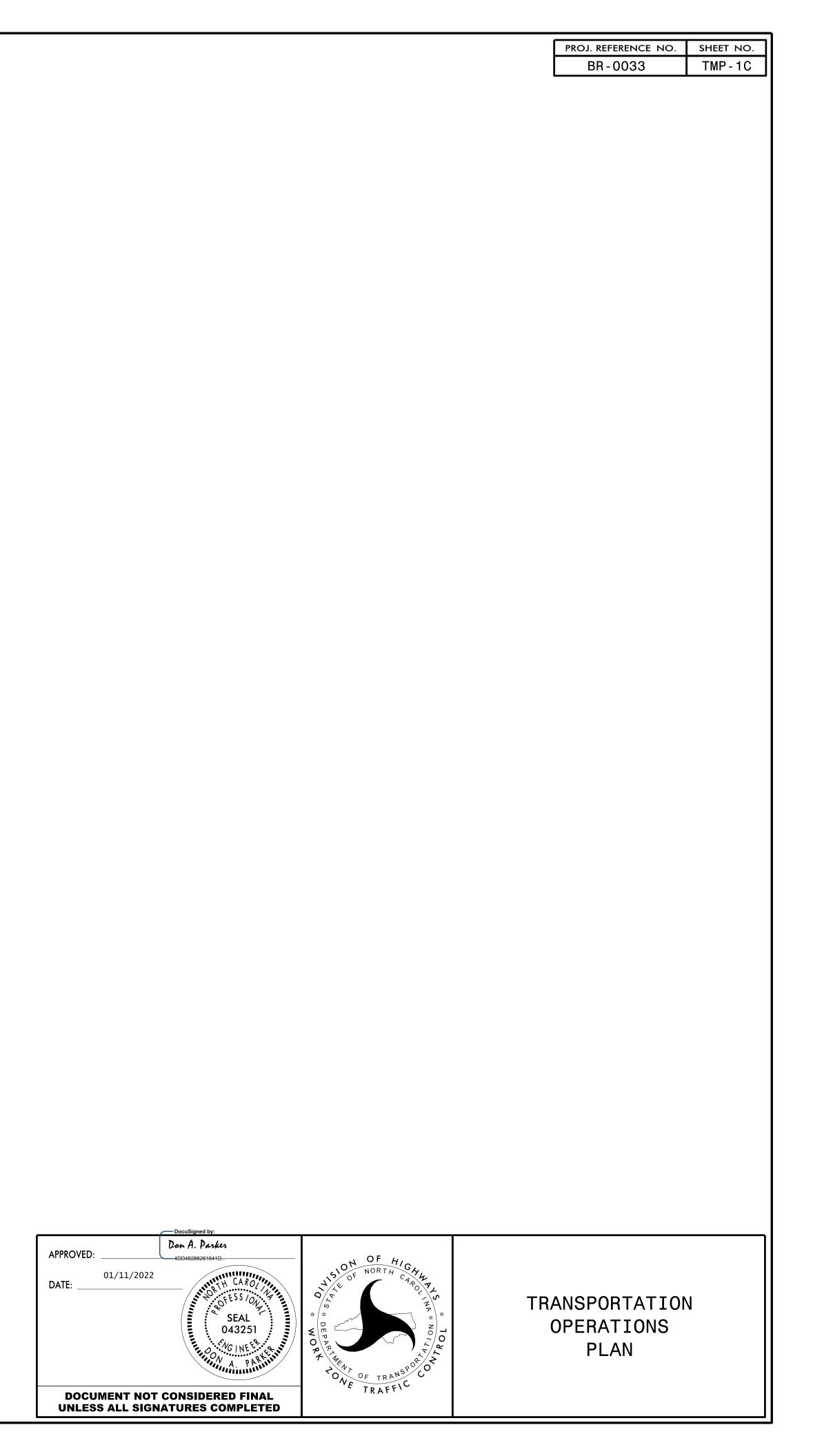


W)	PROTECT THE APPROACH END OF MOVABLE/PORT ALL TIMES DURING THE INSTALLATION AND RE EITHER A TRUCK MOUNTED ATTENUATOR (MAXIN TEMPORARY CRASH CUSHION.	MOVAL OF THE BARRIER BY
	PROTECT THE APPROACH END OF MOVABLE/PORT BARRIER FROM ONCOMING TRAFFIC AT ALL TIM CRASH CUSHION UNLESS THE APPROACH END OF CONCRETE BARRIER IS OFFSET FROM ONCOMING OR AS SHOWN IN THE PLANS: (SEE ALSO 1101	MES BY A TEMPORARY F MOVABLE/PORTABLE G TRAFFIC AS FOLLOWS
	POSTED SPEED LIMIT 40 OR LESS 45 - 50	MINIMUM OFFSET 15 FT 20 FT
	55 60 MPH or HIGHER	20 FT 25 FT 30 FT
_0CA	AL NOTES	
1)	REFER TO SPECIAL PROVISION FOR SEQUENTIAL LIGHTS TO BE INSTALLED ON I-40 FOR NIGHT	

vio/2022 \$\Special\BR0033\Traffic\TrafficControl\ICP\90% BR-0033\BR-0033 IC IMP 0IC

\_\_\_\_\_

\_\_\_\_\_



SHORING LOCATION NO. 1

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE END BENT CONSTRUCTION FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. LT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L-32 FT. LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

UNIT WEIGHT  $(\gamma)$  = 120 LB/CF FRICTION ANGLE  $(\phi)$  = 30 DEGREES COHESION (C) = 0 LB/SFGROUNDWATER ELEVATION = 1370 FT SHORING LOCATION NO. 2

FOR TEMPORARY SHORING AND POSITIVE PROTECT: TEMPORARY SHORING, SEE PLANS AND TEMPORARY PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE BRIDG CONSTRUCTION FROM STATION 17+30+/- -L- 32 STATION 17+60+/- -L- 32 FT. LT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN CONSTRUCTION, SURVEY EXISTING GROUND ELEVAT VICINITY OF SHORING LOCATIONS TO DETERMINE HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION 17+30 LT, TO STATION 17+60+/- -L- 32 FT. LT, FOR ASSUMED SOIL PARAMETERS AND GROUNDWATER EL

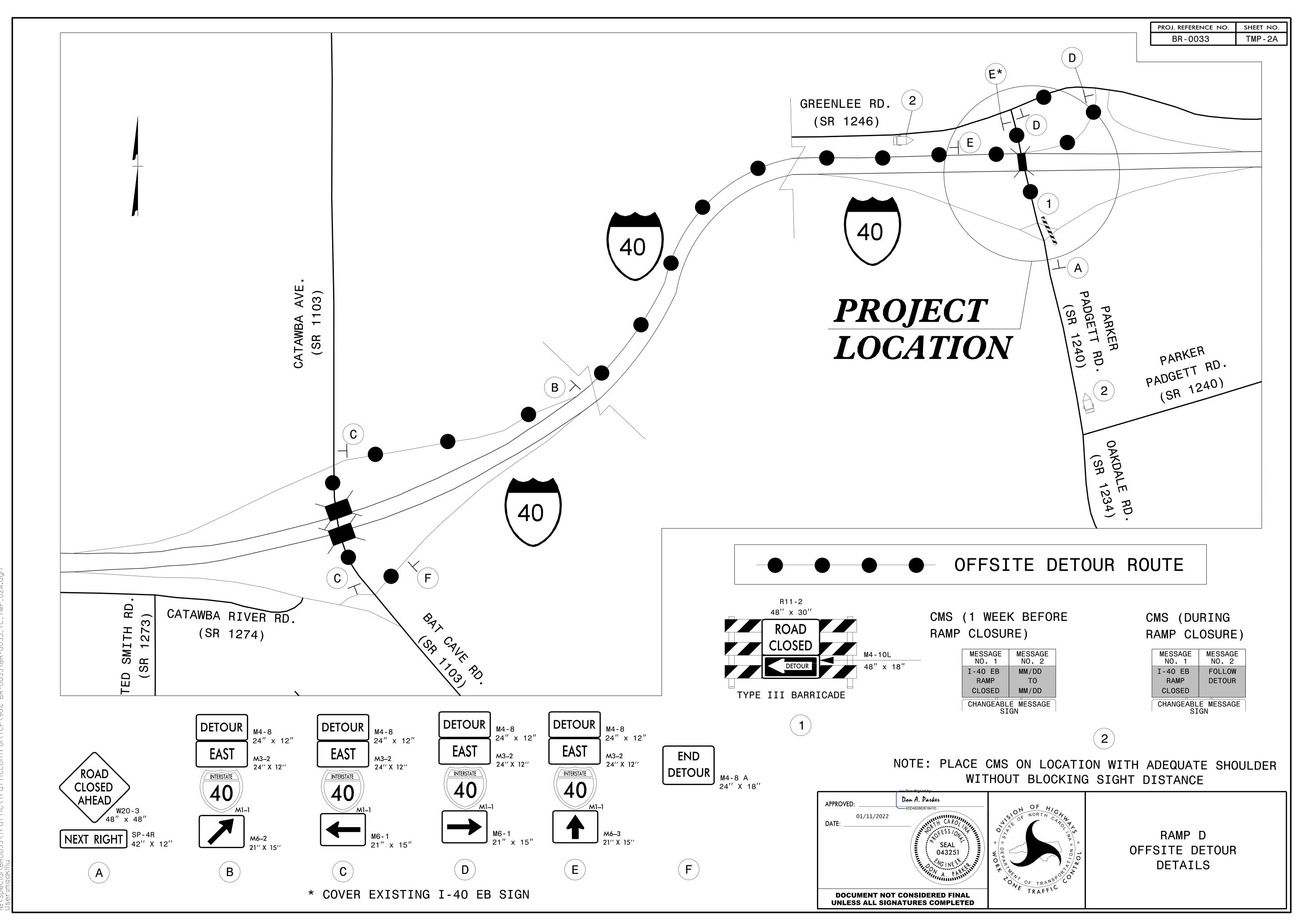
> UNIT WEIGHT  $(\gamma)$  = 120 LB/CF FRICTION ANGLE  $(\phi)$  = 30 DEGREES COHESION (C) = 0 LB/SFGROUNDWATER ELEVATION = 1370 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY STATION 17+30+/- -L- 32 FT. LT, TO STATION 32 FT. LT.

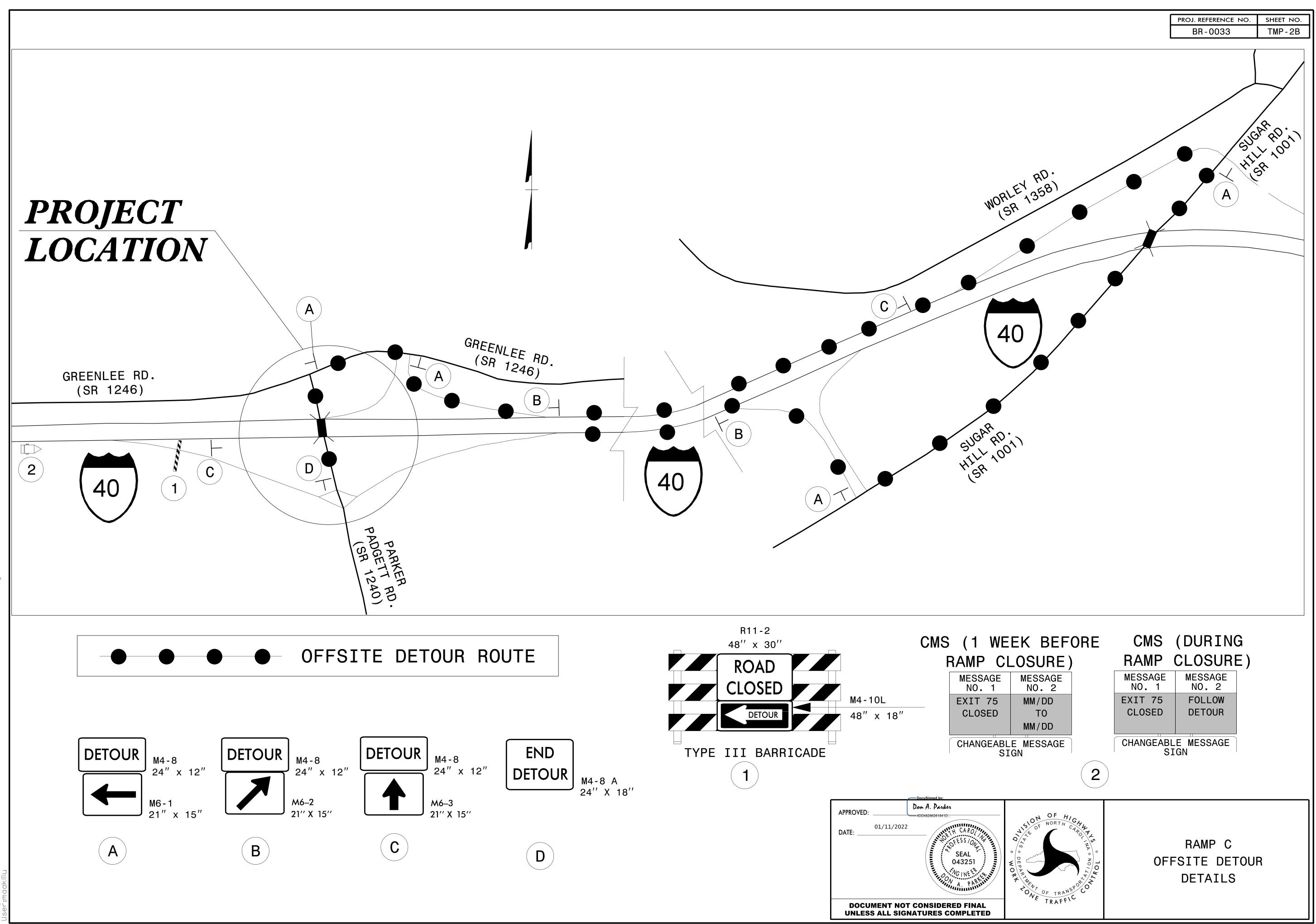
IT MAY BE PREFERRED TO USE A TEMPORARY SOIL TEMPORARY SHORING FROM STATION 17+30+/- -L STATION 17+60+/- -L- 32 FT. LT. FOR TEMPORA WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVIS

		DoeuSigned-by-
APPROVED:		Shiping Yang DD0C8E5EA6E4D4
DATE:	01/11/2022	HUNTH CAROLAND
		SEAL
		FILL SHIPING VANGUL
		CONSIDERED FINAL ATURES COMPLETED

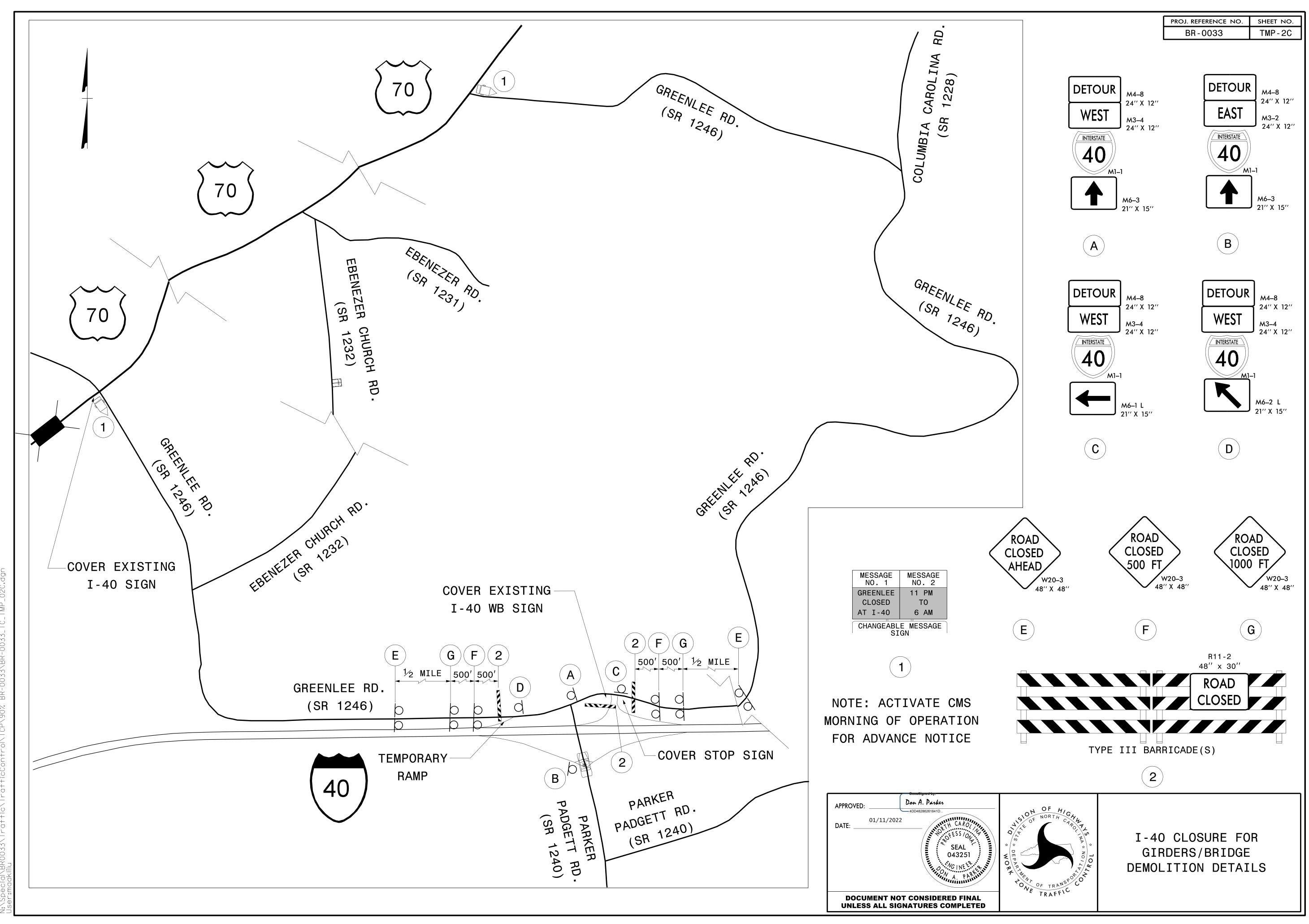
		PROJ. REFERENCE NO.	SHEET NO.
		BR-0033	TMP-2
TION FOR			
Y SHORING			
DGE END BENT			
FT. LT, TO			
OR			
ATIONS IN THE			
E ACTUAL SHORING			
30+/L- 32 FT.			
R THE FOLLOWING LEVATION:			
SHORING FROM			
N 17+60+/L-			
IL NAIL WALL FOR			
L- 32 FT. LT, TO RARY SOIL NAIL			
ISION.			
Yang GEADA			
GE4D4 SION OF HIGH NORTH CH CH CH CH CH CH CH CH CH CH			
$\frac{y_{ang}}{g_{E4D4}}$ $\frac{g_{E4D4}}{g_{F}}$ $\frac{g_{F}}{F}$ $g_{F$			
	TEMPORA	RY SHORING	DATA
5 TD / FF			
COMPLETED			



|/|0/2022 N.\ Secciety ddocaal thatfic/thatficonations, dd ocaal doal dd ool

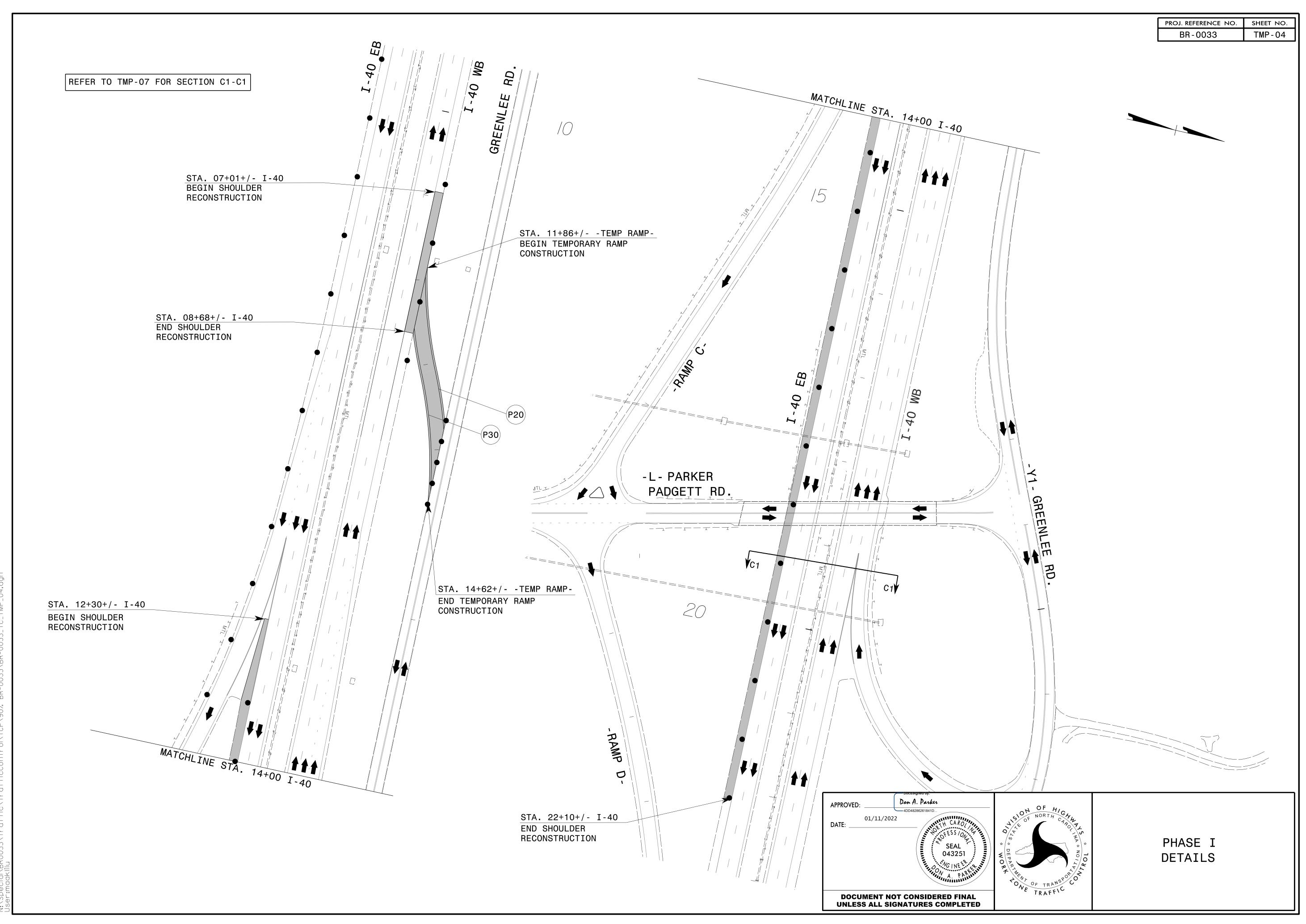


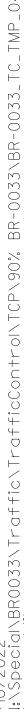
10/2022 :\Special\BR0033\Traffic\TrafficContro|\TCP\90% BR-0033\BR-0033\_TC\_TMP\_(

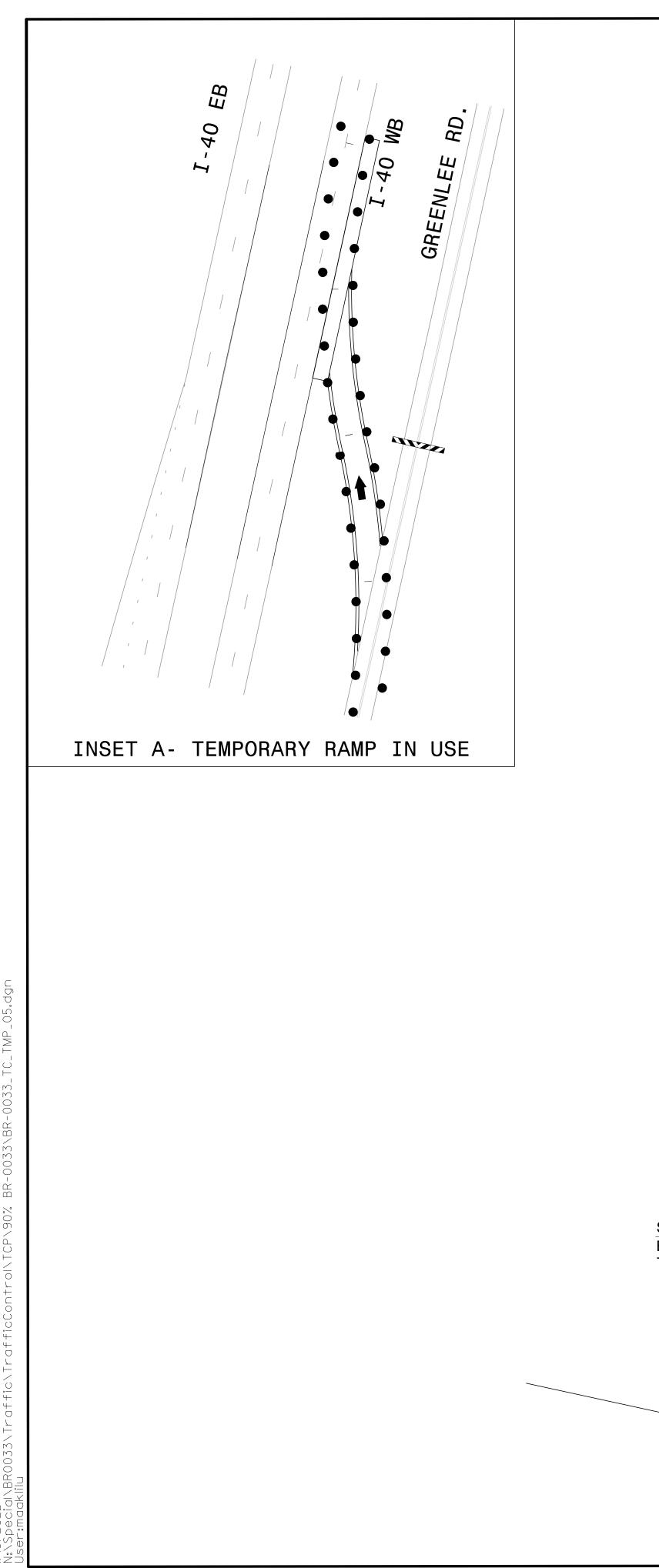


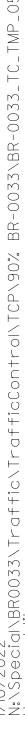
PHASE I
STEP 1 USING RSD 1101.02, SHEET 4 IN CONJUNCTION WITH RSD AND TMP-4, COMPLETE I-40 EASTBOUND OUTSIDE SHOULDE REFER TO ROADWAY PLANS FOR PAVEMENT TYPICAL.
STEP 2 USING RSD 1101.02, SHEET 4, TMP-4, TMP-5 AND TMP-6 FOLLOWING:
A. INSTALL TEMPORARY PAVEMENT MARKINGS AND ADVANCE ON I-40 EASTBOUND AND SHIFT TRAFFIC TO TEMPORAR INSTALL W21-5A "LEFT SHOULDER CLOSED" AND W16-2 1500 FT IN ADVANCE OF I-40 WESTBOUND PORTABLE C
B. INSTALL PORTABLE CONCRETE BARRIER ON I-40 EASTE SHOULDERS.
C.CONSTRUCT TEMPORARY ON-RAMP FROM GREENLEE RD TO AND I-40 WESTBOUND OUTSIDE SHOULDER RECONSTRUCT ROADWAY PLANS FOR PAVEMENT TYPICAL. INSTALL TYP PER TMP-5.
PHASE I, STEPS 3 & 4 MAY BE PERFORMED CONCURRENTLY.
<pre>STEP 3 USING RSD 1101.02, SHEETS 1 &amp; 4, AS NECESSARY, CONS -L- INCLUDING TEMPORARY SHORING, BRIDGE, AND APPROA BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURS (SEE TMP-6):</pre>
-L- STA. 13+55 +/- TO STA. 18+55 +/-
FOR GIRDER DELIVERY AND INSTALLATION:
COVER SIGNS, ACTIVATE CMS AND INSTALL TYPE III TMP-2C AND CLOSE GREENLEE ROAD TO TRAFFIC.
I-40 EASTBOUND: USING RSD 1101.03, SHEET 7 AND RAMPS C AND D AND LAW ENFORCEMENT TO RETURN TRA EASTBOUND.
I-40 WESTBOUND: USING RSD 1101.03, SHEET 7 AND RAMP A AND TEMPORARY ON-RAMP CONSTRUCTED IN STE TRAFFIC TO I-40 WESTBOUND.
UNCOVER SIGNS, DEACTIVATE CMS, AND REMOVE TYPE AND REOPEN GREENLEE ROAD/I-40 TO TRAFFIC.
STEP 4 USING RSD 1101.02, SHEET 1, AS NECESSARY, CONSTRUCT -L- STA. 10+30 +/- TO STA. 13+12 +/-
COMPLETE THE WORK REQUIRED OF PHASE I, STEP 5, WITHIN 10 CAL SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.
STEP 5 USING TMP-2A AND RSD 1101.02, SHEET 1, AS NECESSAF
A. INSTALL OFFSITE DETOUR SIGNING AND TYPE III BAR AND CLOSE -RAMP D- TO TRAFFIC AND DETOUR TRAFFI
B. COMPLETE PROPOSED CONSTRUCTION OF -RAMP D- UP T INCLUDING, THE FINAL LAYER OF SURFACE COURSE.
C. INSTALL TEMPORARY PAVEMENT MARKINGS ON -RAMP D- PER TMP-8.
D.OPEN -RAMP D- AND -L- TO THE FINAL TRAFFIC PATT E.REMOVE ALL OFFSITE DETOUR SIGNING.

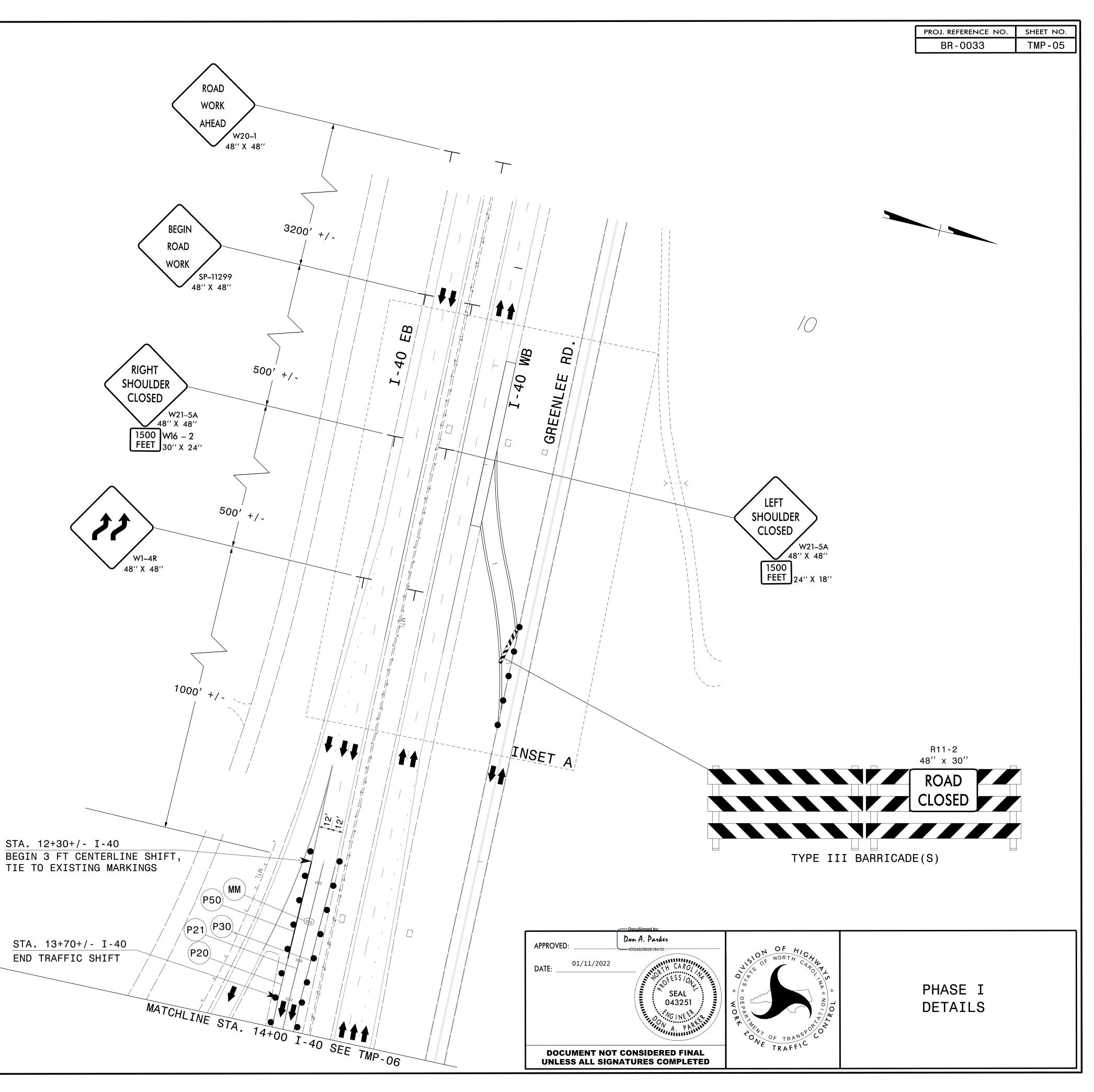
	PROJ. REFERENCE NO.SHEET NO.BR-0033TMP-3
TEMPORARY TRAFFIC CONTROL PHASING	
PRIOR TO CONSTRUCTION, INSTALL ADVANCE WARNING SIGNS (PARKER PADGETT RD), SR 1246 (GREENLEE RD), AND I-40 1101.01, SHEETS 1 & 3, AND TMP-5	ON SR 1234 PER RSD
	PHASE II
D 1101.02, SHEET 10 PER RECONSTRUCTION.	PHASE II, STEPS 1 & 2 MAY BE PERFORMED CONCURRENTLY.
6, COMPLETE THE	STEP 1 USING RSD 1101.02, SHEET 1, REMOVE EXISTING BRIDGE AND ROADWAY PER ROADWAY PLANS, REMOVE TEMPORARY SHORING, AND COMPLETE FINAL GRADING AND DRAINAGE.
CE WARNING SIGNS ARY TRAFFIC PATTERN. -2 "1500 FT" SIGNS CONCRETE BARRIER. FBOUND AND WESTBOUND	FOR DEMOLITION OF THE EXISTING BRIDGE: COVER SIGNS, ACTIVATE CMS AND INSTALL TYPE III BARRICADES PER TMP-2C AND CLOSE GREENLEE ROAD TO TRAFFIC. I-40 EASTBOUND: USING RSD 1101.03, SHEET 7 AND TMP-5, UTILIZE
TO I-40 WESTBOUND CTION. REFER TO YPE III BARRICADES	RAMPS C AND D AND LAW ENFORCEMENT TO RETURN TRAFFIC TO I-40 EASTBOUND. I-40 WESTBOUND: USING RSD 1101.03, SHEET 7 AND TMP-5, UTILIZE RAMP A AND TEMPORARY ON-RAMP CONSTRUCTED IN STEP 2 TO RETURN TRAFFIC TO I-40 WESTBOUND. UNCOVER SIGNS, DEACTIVATE CMS, AND REMOVE TYPE III BARRICADES
NSTRUCT PROPOSED OACHES UP TO, RSE AS FOLLOWS	AND REOPEN GREENLEE ROAD/I-40 TO TRAFFIC. COMPLETE THE WORK REQUIRED OF PHASE II, STEP 2, WITHIN 10 CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES. STEP 2 USING TMP-2B AND RSD 1101.02, SHEET 1: A. INSTALL OFFSITE DETOUR SIGNING AND TYPE III BARRICADES
BARRICADES PER	AND CLOSE -RAMP C- TO TRAFFIC AND DETOUR TRAFFIC OFFSITE. B. COMPLETE PROPOSED CONSTRUCTION OF -RAMP C- UP TO, BUT NOT
TMP-5, UTILIZE AFFIC TO I-40	INCLUDING, THE FINAL LAYER OF SURFACE COURSE.
TMP-5, UTILIZE EP 2 TO RETURN	PATTERN. REFER TO PAVEMENT MARKINGS PLANS. D.REOPEN -RAMP C- TO TRAFFIC.
III BARRICADES	E.REMOVE ALL OFFSITE DETOUR SIGNING. STEP 3 USING RSD 1101.02, SHEET 4, REMOVE PORTABLE CONCERETE BARRIER ON I-40 EASTBOUND AND WESTBOUND, REMOVE TEMPORARY
CT	PAVEMENT MARKINGS AND INSTALL PERMANENT PAVEMENT MARKINGS PER THE ORIGINAL TRAFFIC PATTERN AND RETURN TRAFFIC TO ITS ORIGINAL PATTERN.
ALENDAR DAYS.	STEP 4USING RSD 1101.02, SHEET 1, COMPLETE CONSTRUCTION OF -L-, -Y- LINES AND RAMPS, INCLUDING FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS. REFER TO THE PAVEMENT MARKING PLAN. REMOVE TEMPORARY ON RAMP FROM GREENLEE RD TO
ARY: ARRICADES FIC OFFSITE.	I-40 WESTBOUND. STEP 5 REMOVE ALL TRAFFIC CONTROL DEVICES.
TO, BUT NOT	APPROVED:       Don A. Parker $4DD48286261841D$ $4DD48286261841D$ $01/11/2022$ $01/11/2022$ DATE: $01/11/2022$
)- AND -L-	SEAL 043251 CONTROL PHASING
TTERN.	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

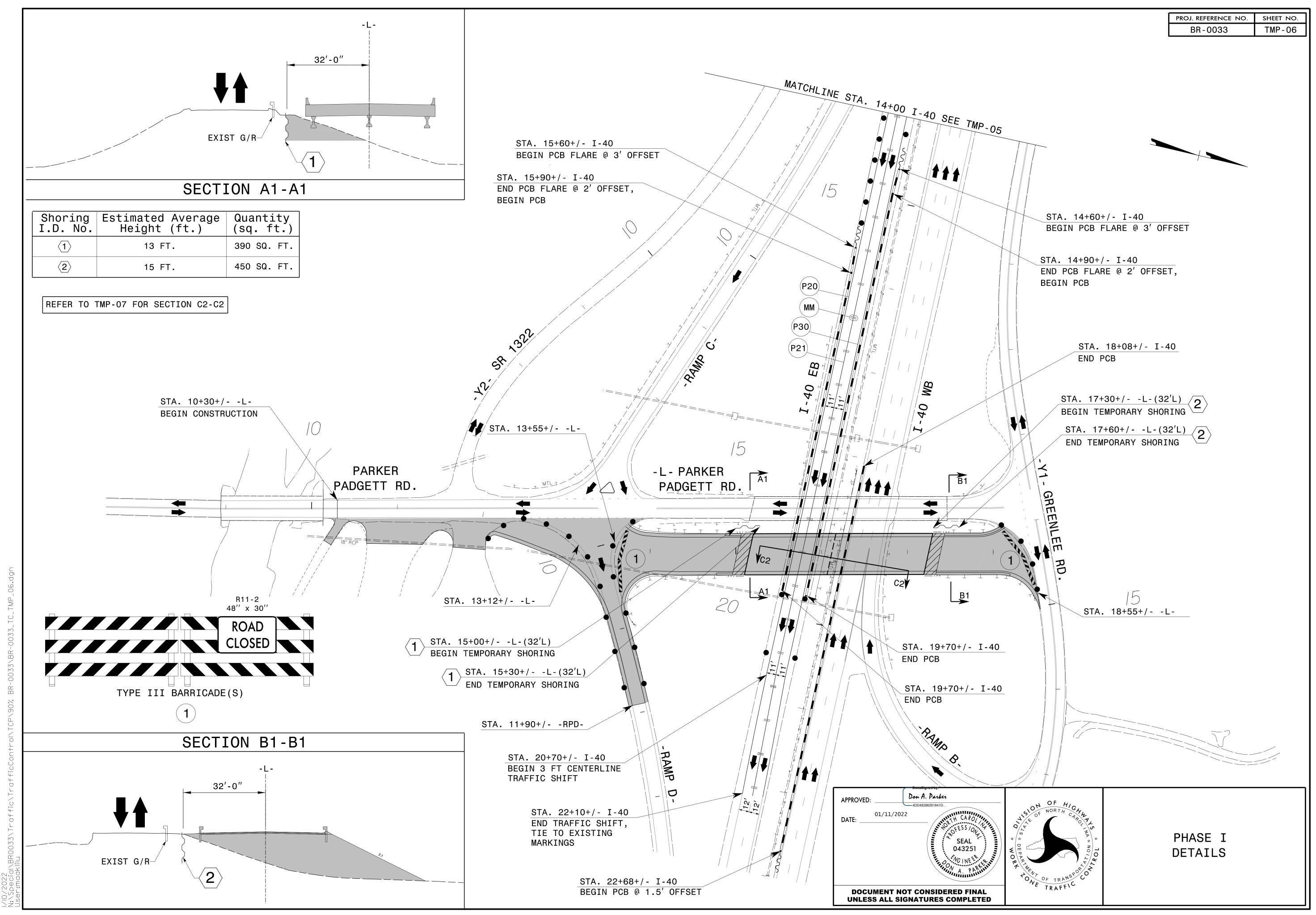


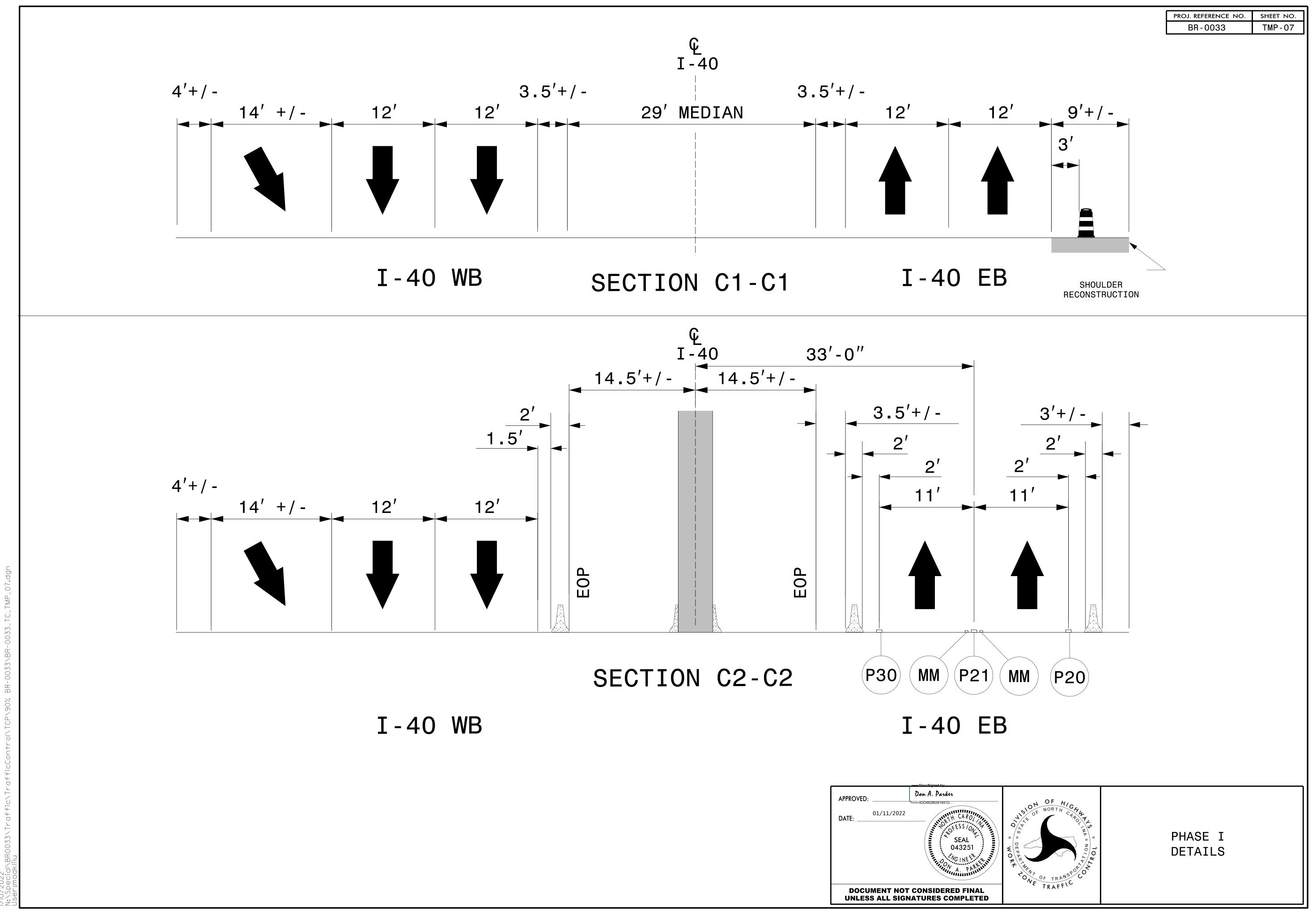


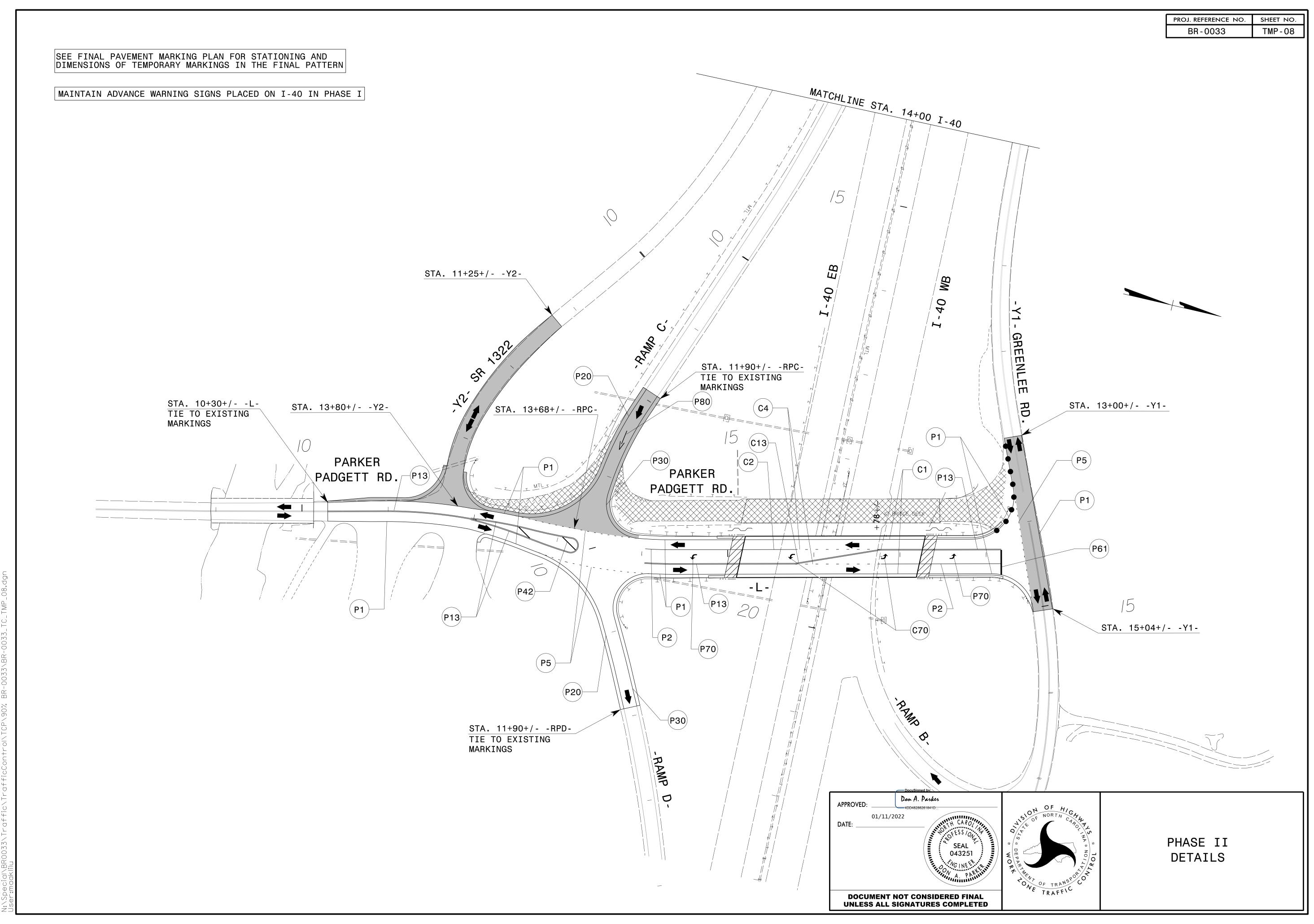












|/|0/2022 Ni/ Seccial BD0033/Traifia/TraifiaContrai/ TCD/00% BD 0033/DD 0033 TC TMD 08 4