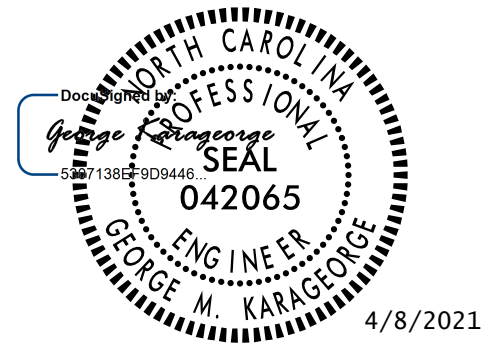


PROJECT REFERENCE NO.	SHEET NO.
I-5878 / I-5883 / I-5986B	TMP-2G10



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<b>TEMPORARY SHORING LOCATION NO. 5-5</b>	<b>SEE SHEET TMP-44A</b> <b>ESTIMATED QUANTITY = 208.18 SF</b>
---	---

-L- STA. 1390+57, 28.0' RT TO -L- STA. 1390+86, 28.0' RT  
LENGTH=28.84' AVERAGE HEIGHT = 8.02 FT MAXIMUM HEIGHT = 9.63 FT

**SHORING LOCATION NO. 5-5**

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

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 -L- 1390+57 ±, 28 FT RIGHT, TO STATION -L- 1390+86 ±, 28 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
FRICITION ANGLE ( $\phi$ ) = 30 DEGREES  
COHESION (c) = 0 PSF  
GROUNDWATER ELEVATION = 173 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 1390+57 ±, 28 FT RIGHT, TO STATION -L- 1390+86 ±, 28 FT RIGHT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1390+57 ±, 28 FT RIGHT, TO STATION -L- 1390+86 ±, 28 FT RIGHT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALL.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

<b>TEMPORARY SHORING LOCATION NO. 5-6</b>	<b>SEE SHEET TMP-44A</b> <b>ESTIMATED QUANTITY = 207.60 SF</b>
---	---

-L- STA. 1391+89, 28.0' RT TO -L- STA. 1392+18, 28.0' RT  
LENGTH=28.84' AVERAGE HEIGHT = 8.00 FT MAXIMUM HEIGHT = 9.59 FT

**SHORING LOCATION NO. 5-6**

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

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 -L- 1391+89 ±, 28 FT RIGHT, TO STATION -L- 1392+18 ±, 28 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
FRICITION ANGLE ( $\phi$ ) = 30 DEGREES  
COHESION (c) = 0 PSF  
GROUNDWATER ELEVATION = 173 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 1391+89 ±, 28 FT RIGHT, TO STATION -L- 1392+18 ±, 28 FT RIGHT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1391+89 ±, 28 FT RIGHT, TO STATION -L- 1392+18 ±, 28 FT RIGHT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALL.

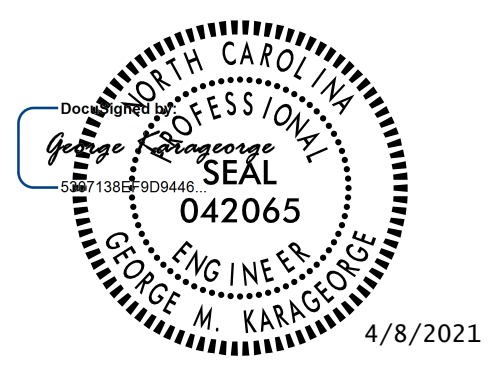
WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION MICHAEL BAKER INTERNATIONAL ON SEPTEMBER 4, 2020 AND SEALED BY A PROFESSIONAL ENGINEER, STACIE E. MITCHELL, LICENSE #032125.

AREA 5

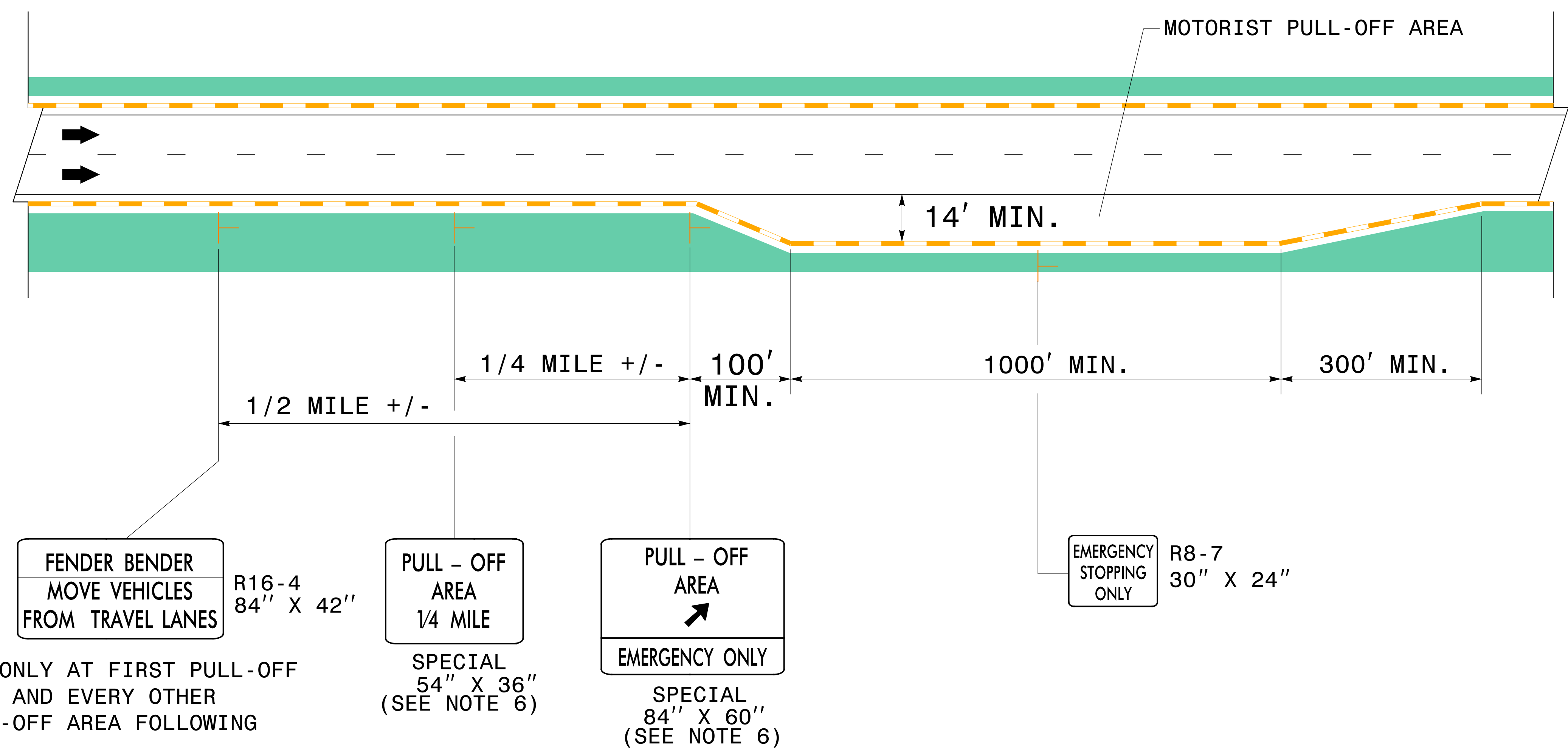
TEMPORARY SHORING  
NOTES/LOCATIONS

4/2/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP 02G10 A5-2 TEMPORARY SHORING NOTES LOCATIONS.dgn Caroline.Owings



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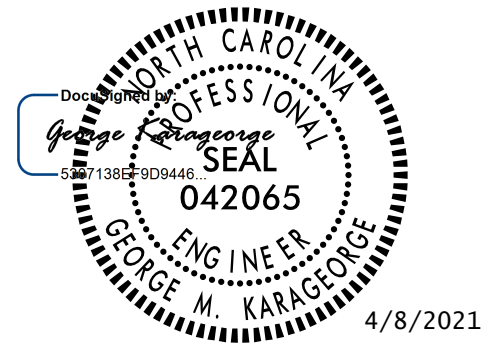


**GENERAL NOTES FOR MOTORIST PULL-OFF AREAS**

- PULL-OFF AREAS SHALL BE PROVIDED IN WORK ZONES ALONG HIGHWAYS WITH SPEED LIMITS GREATER THAN OR EQUAL TO 55 MPH WHERE INSUFFICIENT SHOULDERS EXIST FOR TWO MILES OR GREATER. EXIT RAMP WILL BE CONSIDERED A PULL-OFF AREA WHEN FIGURING THE 2 MILE DISTANCE. INSUFFICIENT SHOULDERS EXIST WHEN 10' OF PAVED RIGHT SHOULDER IS NOT CONSISTENTLY AVAILABLE FOR MOTORIST USE.
- THE SPACING OF PULL-OFF AREAS SHALL BE AS FOLLOWS:
  - FOR AREAS WITH INSUFFICIENT SHOULDERS UP TO 3.0 MILES IN LENGTH, ONE PULL-OFF AREA APPROXIMATELY CENTERED IN THE WORK ZONE.
  - FOR AREAS WITH INSUFFICIENT SHOULDERS GREATER THAN 3.0 MILES IN LENGTH, ONE PULL-OFF AREA EVERY MILE.
- PULL-OFF AREAS SHALL BE A MINIMUM OF 1000' LONG. THE WIDTH OF PULL-OFF AREAS SHALL BE 14' AND SHALL CONSIST OF A PAVED SURFACE.
- PULL-OFF AREAS MAY BE ON EITHER THE LEFT OR RIGHT SIDE OF THE TRAVEL LANES.
- PORTABLE CONCRETE BARRIER SHALL ONLY BE USED IF WARRANTED BY FIELD CONDITIONS.
- REFER TO TMP-2I FOR SPECIAL SIGN DESIGNS.

MOTORIST PULL-OFF  
AREA DETAIL

4/2/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP 02H PULL-OFF AREA DETAIL.dgn Caroline.Owings



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SIGN NUMBER: SP18267 TYPE: D QUANTITY: 1 SIGN WIDTH: 4'-6" HEIGHT: 3'-0" TOTAL AREA: 13.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.25" RADII: 3" NO. Z BARS: N/A LENGTH: N/A	BACKG COLOR: Orange COPY COLOR: Black SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: W. Johnson PROJECT ID: CHECKED BY: AIA DATE: Oct 30, 2018 DIV: 5	<p style="text-align: center;">Spacing Factor is 1 unless specified otherwise</p>
--	--	---	---

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size
													Text Length
	P	U	L	L	-	O	F	F					D 2000
5.6	5	5.5	4.6	3.7	4	2.1	4	5.6	4.6	3.7	5.6		42.9
	A	R	E	A									D 2000
16.8	6	5.1	4.2	5.1	16.8								20.4
	1/4	M	I	L	E								D 2000
11.6	7.9	6	6.1	2.4	4.6	3.7	11.6						30.8

FILENAME: Full\_Off NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP18266 TYPE: A QUANTITY: 1 SIGN WIDTH: 7'-0" HEIGHT: 5'-0" TOTAL AREA: 35.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.25" RADII: 3" NO. Z BARS: 2 LENGTH: 76.0	BACKG COLOR: Orange-Top/White-Bottom COPY COLOR: Black SYMBOL X Y WID HT AR_Type A 37 17.7 8 12.6 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: W. Johnson PROJECT ID: CHECKED BY: AIA DATE: Oct 30, 2018 DIV: 5	<p style="text-align: center;">Spacing Factor is 1 unless specified otherwise</p>
---	---	---	---

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size			
													Text Length			
	P	U	L	L	-	O	F	F					D 2000			
10.8	6.6	7.4	6.2	5	8	2.8	8	7.4	6.2	5	10.8		62.5			
	A	R	E	A									D 2000			
28.4	8	6.8	5.6	6.8	28.4								27.2			
	E	M	E	R	G	E	N	C	Y	O	N	L	Y	D 2000		
6.8	4.7	6.1	4.7	5	5.4	4.7	5.4	4.9	5.2	4	5.6	5.5	4.1	5.2	6.8	70.5

FILENAME: Full\_Off NORTH CAROLINA D.O.T. SIGN DETAIL

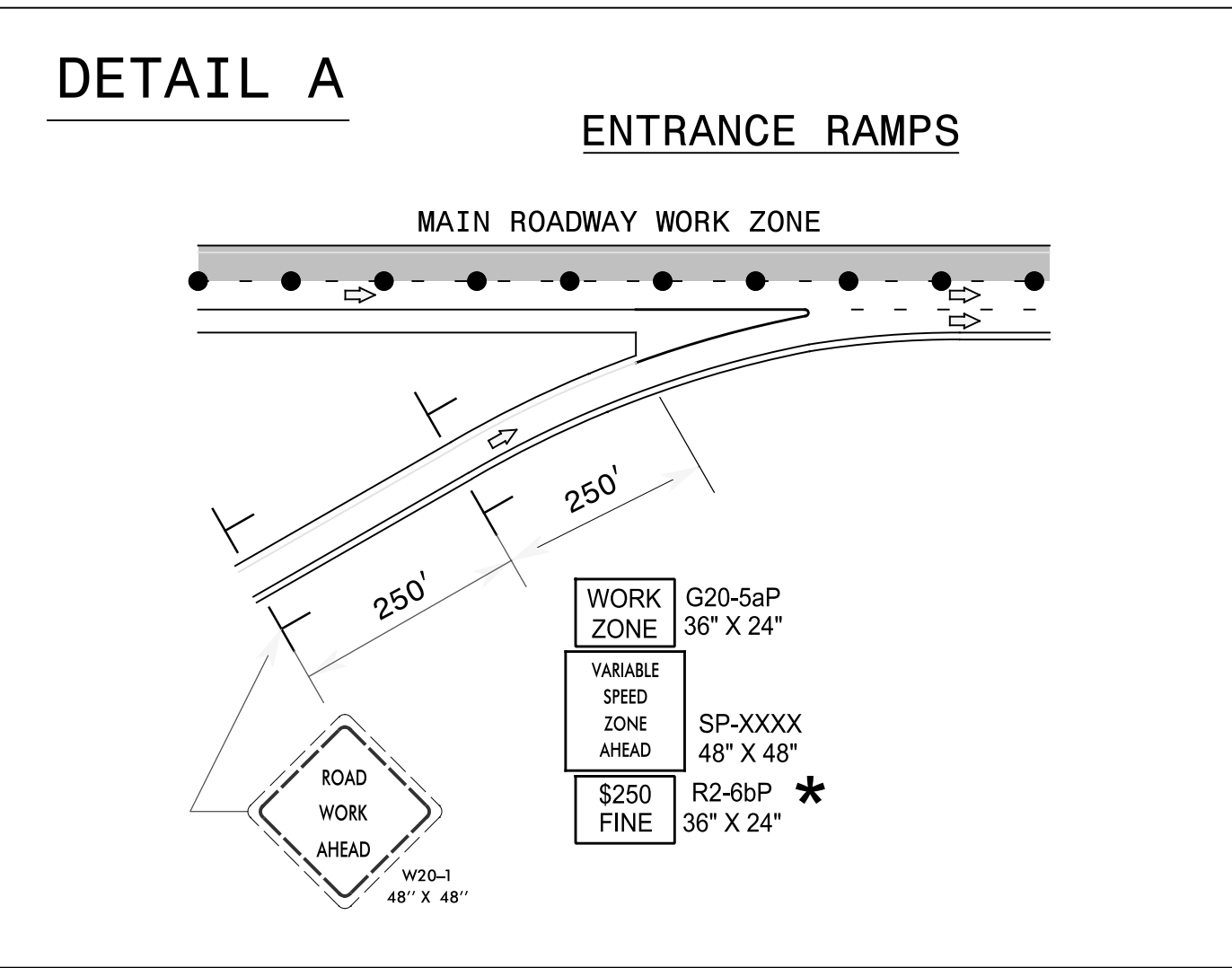
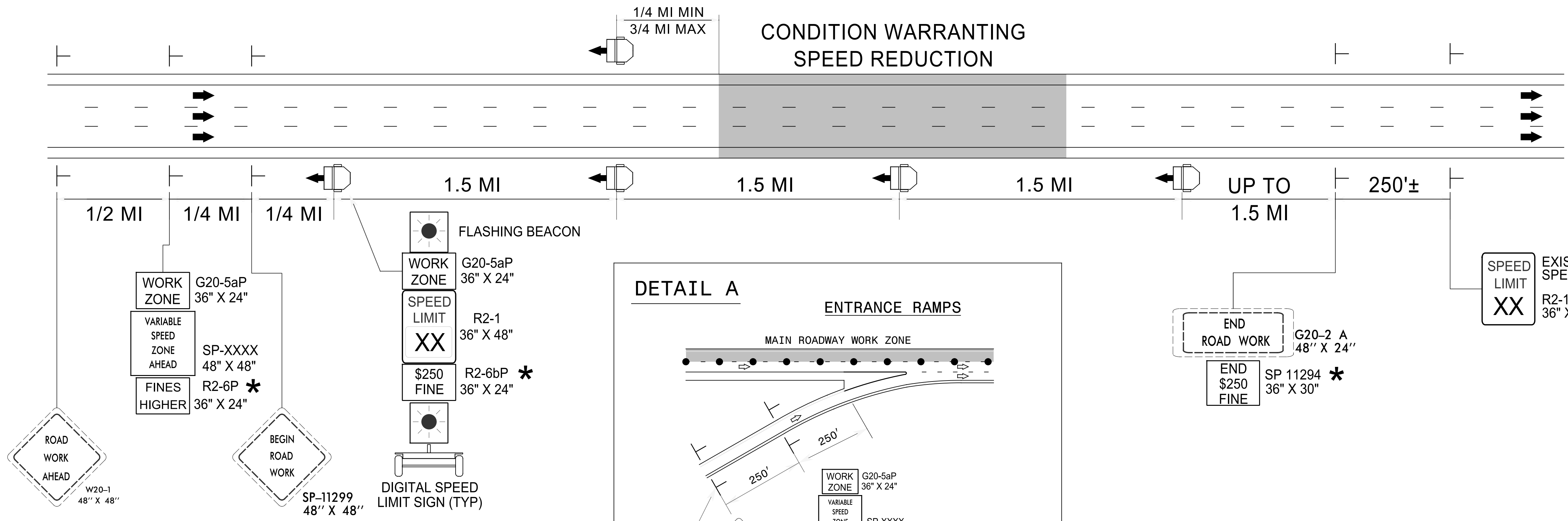
4/2/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP-02\PULL-OFF AREA SIGN DESIGNS.dgn Caroline.Owings

PULL-OFF AREA  
SPECIAL SIGN  
DETAIL

PROJECT REFERENCE NO. I-5878 / I-5883 / I-5986B SHEET NO. TMP-2J

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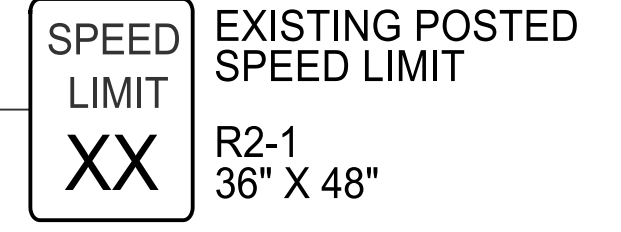
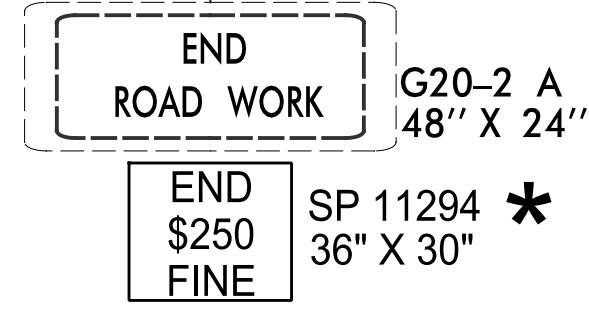
**Michael Baker**  
INTERNATIONAL



\* USE ONLY IF ORDINANCED. SEE NOTE 5 BELOW.

NOTES

1. THE DIGITAL SPEED LIMITS SIGNS WILL BE INSTALLED (TRAILER MOUNTED OR STATIONARY MOUNTED) IN ADVANCE OF AND SPACED APPROXIMATELY 1.5 MILES THROUGHOUT THE THE PROJECT LIMITS, UNLESS DIRECTED OTHERWISE.
2. WITHIN 1/4 TO 3/4 MILE UPSTREAM OF CONDITION WARRANTING A SPEED REDUCTION, PLACE A DIGITAL SPEED LIMIT SIGN ON BOTH THE INSIDE AND OUTSIDE SHOULDERS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER. AT ALL OTHER LOCATIONS DOWNSTREAM, PLACE A SINGLE DIGITAL SPEED LIMIT SIGN ON THE OUTSIDE SHOULDER.  
  
IF SIGNS ARE NOT HIGHLY VISIBLE TO ALL MOTORISTS, SUPPLEMENTAL DIGITAL SPEED LIMIT SIGNS ARE PERMITTED ON THE MEDIAN SHOULDER.
3. THE DIGITAL SPEED LIMIT SIGNS TAKE PRECEDENCE OVER EXISTING SPEED LIMIT SIGNS AND SHOULD REMAIN UPRIGHT AND VISIBLE AT ALL TIMES. ALL EXISTING SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED FOR DURATION OF THE PROJECT.
4. NCDOT HAS SOLE AUTHORITY OF THE SPEED LIMITS DISPLAYED ON THE DIGITAL SPEED LIMIT SIGNS.
5. THE WORK ZONE VARIABLE SPEED LIMIT AND THE \$250 SPEEDING PENALTY ARE SEPARATE ORDINANCES THAT MUST BE SIGNED BY THE STATE TRAFFIC ENGINEER TO BE VALID AND ENFORCEABLE. WITHOUT SIGNED ORDINANCES, THE SPEED LIMIT ON A FACILITY SHALL REMAIN UNCHANGED AND/OR HIGHER FINES SIGNS SHALL NOT BE USED.
6. THE REDUCED SPEED SHALL BE DISPLAYED A MINIMUM OF 1/4 MILE AND A MAXIMUM OF 3/4 MILE IN ADVANCE OF AND THROUGHOUT THE AREA MEETING CONDITIONS LISTED IN THE CHART. THE EXISTING SPEED LIMIT SHALL BE DISPLAYED ON ALL OTHER DIGITAL SPEED LIMIT SIGNS.
7. THE SPEED DISPLAYED SHALL BE THE LOWER OF THE EXISTING SPEED LIMIT OR THE SPEED IN THE WORK ZONE CONDITION CHART.
8. THE BEACONS ON THE DIGITAL SPEED LIMIT SIGNS SHALL ONLY FLASH DURING TIMES THE SPEED IS REDUCED, AND REMAIN OFF AT ALL OTHER TIMES.

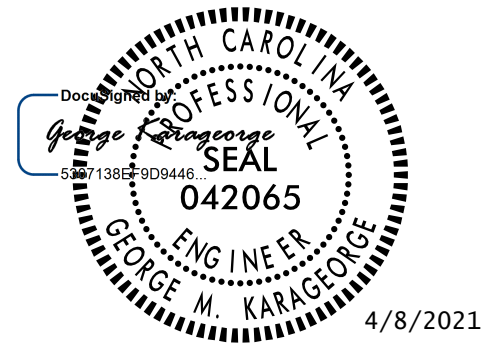


	WORK ZONE CONDITIONS	SPEED TO DISPLAY (SEE NOTE 6 & 7)
LANE CLOSURES	2 LANES REDUCED TO 1 LANE	55
	3 LANES REDUCED TO 1 LANE	55
	3 LANES REDUCED TO 2 LANES	60
	4 LANES REDUCED TO 1 LANE	55
	4 LANES REDUCED TO 2 LANES	60
CONTINUOUS BARRIER (LENGTH OF BARRIER GREATER THAN 1 MILE)	4 LANES REDUCED TO 3 LANES	65
	1 OPEN LANE WITH CONTINUOUS BARRIER ON BOTH SHOULDERS	55
	1 OPEN LANE WITH CONTINUOUS BARRIER ON 1 SHOULDER	60
	3 OR 2 OPEN LANES WITH CONTINUOUS BARRIER ON BOTH SHOULDERS	60
	3 OR 2 OPEN LANES WITH CONTINUOUS BARRIER ON 1 SHOULDER	65
	4 OPEN LANES WITH BARRIER CONTINUOUS ON BOTH SHOULDERS	65
	4 OPEN LANES WITH BARRIER CONTINUOUS ON 1 SHOULDER	EXISTING
	UNEVEN LANES	60

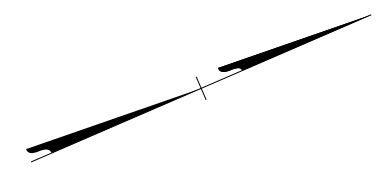
DETAIL PROVIDED BY NCDOT

WORK ZONE VARIABLE SPEED LIMIT REDUCTION

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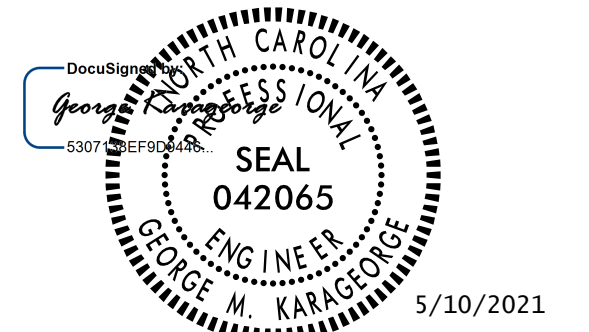


### COORDINATE CONSTRUCTION AND TRAFFIC SHIFTS BETWEEN AREAS

	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5
<p><b>I-5986A/I-5877</b></p> <p>CONCURRENT DESIGN BUILD PROJECT - SHOWN FOR REFERENCE PURPOSES ONLY</p> <p>COORDINATE TRAFFIC SHIFTS TO I-5986B WITH ADJACENT CONTRACTOR</p>	<ul style="list-style-type: none"> <li>-SPRING BRANCH RD INTERCHANGE</li> <li>-US 421 INTERCHANGE</li> <li>-I-95 WIDENING</li> <li>-CULVERT REPLACEMENT</li> </ul>	<ul style="list-style-type: none"> <li>-JONESBORO RD INTERCHANGE -Y16-</li> <li>-HODGES CHAPEL RD INTERCHANGE -Y17-</li> <li>-MINGO SWAMP CULVERT REPLACEMENT W/BRIDGE</li> <li>-I-95 WIDENING</li> </ul>	<ul style="list-style-type: none"> <li>-CUB RD/ MARKET ST -Y29-</li> <li>-GRADE SEPARATION</li> <li>-I-95 WIDENING</li> </ul>	<ul style="list-style-type: none"> <li>-NC 50 -Y18- INTERCHANGE</li> <li>-I-95 WIDENING</li> </ul>	<ul style="list-style-type: none"> <li>-DEEP CULVERT REPLACEMENT W/BRIDGE</li> <li>-I-40 INTERCHANGE</li> <li>-I-95 WIDENING</li> </ul>
	I-5878	I-5883	I-5986B		

AREA DESIGNATIONS

**AREA 1 (I-5878): -Y14- SPRING BRANCH RD & -Y15- US 421**



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**PHASE I**

**STEP 1: TMP-4 TO 4S**

**I-95 WORK AREAS**

**CONSTRUCT** 8' TEMPORARY PAVEMENT ALONG I-95 NB/SB INSIDE SHOULDERS AND INSTALL ANCHORED PCB AS SHOWN:

- I-95 NB/SB STA. 955+00 TO 969+00
- I-95 NB STA. 1008+50 NB TO 1036+00
- I-95 SB STA. 1009+50 SB TO 1033+05
- I-95 NB/SB STA. 1051+00 TO 1061+65

**REPLACE** I-95 SB OUTSIDE EXISTING SHOULDER STA. 1030+00 TO 1054+00 IN PREPARATION FOR STAGE 1 CONSTRUCTION OF CULVERT AT STA. 1042+00 (TMP-4G TO 4I).

**CONSTRUCT** TEMPORARY ASPHALT PAD ALONG Y15 US 421 EXISTING OUTSIDE SHOULDERS (STA. 26+05 TO 31+10), **INSTALL** PCB, AND **BEGIN** STAGE 1 OF I-95 BRIDGE OVER US 421 AND APPROACHES (TMP-4D, 4E).

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED AND SHORT TERM DETOUR (TMP-A1D3) DURING GIRDER WORK.

**SPRING BRANCH RD INTERCHANGE**

**CONSTRUCT** THE FOLLOWING AND OPEN TO TRAFFIC:

- Y24 BUD HAWKINS (TMP-4A, 4B, 4L)
- DR1A (TMP-4B)
- SR9 ELM ST EXT (TMP-4A, 4B)
- SR9A (TMP-4B, 4K)
- DR10 (TMP-4M)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**INTERMEDIATE CONTRACT TIME**

COMPLETE **AREA 1 PHASE I SPRING BRANCH RD.** STEPS (A-F) AND **AREA 1 PHASE II SPRING BRANCH RD. & US 421 INTERCHANGE** (STEPS 1-4) IN A PERIOD OF THREE HUNDRED SIXTY FIVE (365) CONSECUTIVE CALENDAR DAYS.

OTHER WORK LISTED IN AREA 1 PHASE I MAY START BEFORE OR DURING THE TIME SPRING BRANCH RD. IS CLOSED. ALL WORK IN PHASES I AND II MUST BE COMPLETED IN ORDER TO OPEN SPRING BRANCH RD. AND US 421 INTERCHANGE TO THE NEW SPLIT DIAMOND PATTERN IN PHASE II.

**BEGIN** Y14 SPRING BRANCH RD BRIDGE CONSTRUCTION AS FOLLOWS (TMP-4C):

- IMPLEMENT OFF-SITE DETOUR (TMP-A1D1) AND CLOSE SPRING BRANCH RD.
- IMPLEMENT SHORT TERM DETOUR (TMP-A1D2 OV) AND REMOVE EXISTING DECK & SUPERSTRUCTURE.
- REPLACE I-95 NB/SB OUTSIDE SHOULDERS USING TEMPORARY LANE CLOSURES.
- SHIFT I-95 NB/SB TO OUTSIDE SHOULDERS AND INSTALL PCB.
- BEHIND PCB, REMOVE EXISTING MEDIAN BENT, CONSTRUCT MEDIAN BENT, AND BEGIN REMOVAL OF EXISTING END BENTS AND CONSTRUCTION OF END BENTS.
- UPON COMPLETION OF MEDIAN BENT, CONSTRUCT I-95 NB/SB TEMPORARY MEDIAN PAVEMENT (STA. 969+00 TO 976+50) AND CONTINUE CONSTRUCTION OF BRIDGE, END BENTS, & SUPERSTRUCTURE/DECK (TMP-A1D2 OV).

**BEGIN** NBCD (STA. 12+00 TO US 421 TIE-IN) & SB CD (STA. 13+00 TO 27+00) (TMP-4C TO TMP-4E).

**US 421 INTERCHANGE**

**JACKSON RD/SAMPSON AVE (SR18) TMP-4D, 4E**

**INTERMEDIATE CONTRACT TIME**

COMPLETE **US 421 INTERCHANGE JACKSON RD/SAMPSON AVE (SR18)** AREA 1 PHASE I STEP 1 (1A-1D) IN A PERIOD OF SEVENTY (70) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

- CLOSE EXISTING JACKSON RD/SAMPSON AVE (SR18).
- CONSTRUCT SR18 STA. 14+00 TO 25+35 INCLUDING THE FINAL SURFACE COURSE & INSTALL MARKINGS.
- RESURFACE EXISTING JACKSON RD/SAMPSON AVE (SR18) STA. 10+00 TO 14+00 & STA. 25+35 TO 36+10 AND INSTALL MARKINGS.
- OPEN ALL OF SR18 TO TRAFFIC.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STONEY RUN DR (SR11) & SAMPSON AVE (Y25/Y25A) TMP-4F TO 4H, TMP 4N TO 4P**

**CONSTRUCT** SR11 STONEY RUN DR & Y25/Y25A SAMPSON AVE AS FOLLOWS:

- CONSTRUCT Y25/Y25A INCLUDING THE FINAL SURFACE COURSE, COMPLETE Y25 RESURFACING, AND INSTALL MARKINGS. CONSTRUCT SR11 LEFT SIDE & TEMPORARY PAVEMENT UP TO THE EDGE AND EVELATION OF EXISTING PAVEMENT.
- OPEN Y25/Y25A AND CLOSE EXISTING ACCESS TO STONEY RUN DR FROM EX Y15 RPA.
- SHIFT SR11 STONEY RUN DR TRAFFIC TO LEFT SIDE/TEMPORARY PAVEMENT AND INSTALL PCB ALONG RIGHT SIDE.
- BEGIN CONSTRUCTION OF RETAINING WALL ALONG SR11 & PORTION OF Y15RPA.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**SR12**

**CONSTRUCT** SR12 AND OPEN TO TRAFFIC (TMP-4G, 4S).

**BEGIN** THE FOLLOWING:

- Y15 US 421 WIDENING (STA. 5+50 TO 22+00 & STA. 33+00 TO 49+30) (TMP-4E, 4N, 4O, 4Q, 4R)
- SB CD (STA. 38+00 TO US 421 TIE-IN) (TMP-4E)
- Y15 TEMPORARY RAMP B (TMP-4D, 4E)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 2: TMP 5 TO 5P**

**I-95 WORK AREAS**

**SHIFT** I-95 NB/SB TO INSIDE MEDIAN TEMPORARY PAVEMENT:

- I-95 NB/SB STA. 943+25 TO 974+00 (TMP-5A TO 5C)
- I-95 SB STA. 1012+00 TO 1026+50 (TMP-5F, 5G)
- I-95 NB STA. 1012+00 TO 1033+00 (TMP-5F TO 5H)
- I-95 NB/SB STA. 1057+00 TO 1061+65 (TMP-5I TO 5J)

**SHIFT** I-95 SB TO OUTSIDE SHOULDER STA. 1033+00 TO 1051+00, AND BEHIND PCB, **CONSTRUCT** I-95 SB INSIDE TEMPORARY PAVEMENT STA. 1033+05 TO 1051+00 IN PREPARATION FOR STAGE 1 CONSTRUCTION OF CULVERT AT STA. 1042+00 (TMP-5H, 5I).

UPON SHIFTING I-95 NB/SB TO INSIDE, **BEGIN** THE FOLLOWING:

- I-95 NB/SB OUTSIDE WIDENING (STA. 946+00 TO 962+00) (TMP-5A, 5B)
- Y14RPB (TMP-5B, 5C)
- Y14RPC (TMP-5B, 5C)
- I-95 SB OUTSIDE WIDENING (STA. 1018+00 TO 1025+00) (TMP-5F, 5G)
- I-95 NB OUTSIDE EMBANKMENT/Y15RPD (STA. 1015+50 TO 1032+00) (TMP-5F, 5G)
- Y15RPA (STA. 10+00 TO US 421 TIE-IN) (TMP-5E, 5F, 5N)

**US 421 INTERCHANGE**

**COMPLETE** CONSTRUCTION OF RETAINING WALL/SINGLE FACE BARRIER ALONG SR11 & PORTION OF Y15RPA AND **PERFORM** THE FOLLOWING (TMP-5E, 5F, 5N, 5O):

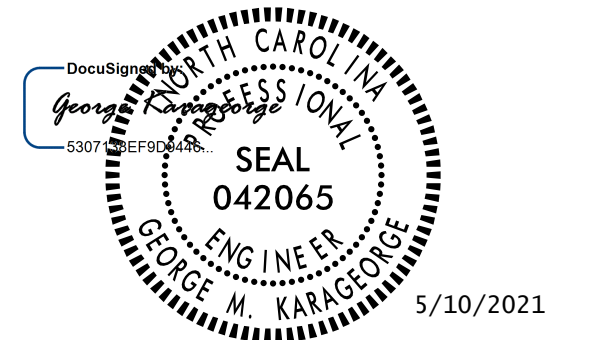
- REMOVE PCB.
- CONSTRUCT CURB & GUTTER AND ISLANDS, PAVE FINAL SURFACE COURSE, AND REMOVE LEFT SIDE TEMPORARY PAVEMENT.
- INSTALL MARKINGS AND OPEN TO THE FINAL PATTERN.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

PHASING NARRATIVE

AREA 1

**AREA 1 (I-5878): -Y14- SPRING BRANCH RD & -Y15- US 421**



**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**PHASE I**

**STEP 3: TMP-6 TO 6D, TMP-7 TO 7D**

**I-95 WORK AREAS**

IN A CONTINUOUS OPERATION, **SHIFT** I-95 SB TO INSIDE TEMPORARY PAVEMENT STA. 1026+50 TO 1057+50 AND BEHIND PCB, **BEGIN** THE FOLLOWING (TMP-6A TO 6C):

- CULVERT STAGE 1 STA. 1042+00 (TMP-6B)
- I-95 SB OUTSIDE WIDENING (STA. 1025+00 TO 1061+60) (TMP-6A TO 6D)

**US 421 INTERCHANGE**

**Y15RPA TMP-6, 6A, TMP-7A**

**INTERMEDIATE CONTRACT TIME**

COMPLETE **US 421 INTERCHANGE AREA 1 PHASE I STEP 3 (3A-3C)** IN A PERIOD OF FOURTEEN (14) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

- 3A: IMPLEMENT OFFSITE DETOUR (TMP-A1D4) AND CLOSE EX Y15RPA.
- 3B: **COMPLETE** THE FOLLOWING:
- Y15RPA
  - Y15 US 421 OUTSIDE WIDENING (STA. 5+50 TO 25+00) AND INSTALL MARKINGS
  - REPLACE I-95 SB EXISTING OUTSIDE SHOULDER (STA. 1008+00 TO 1016+50) IN PREPARATION FOR PHASE I STEP 5 SHIFT
  - I-95 SB OUTSIDE WIDENING (STA. 1018+00 TO 1025+00)
  - Y15 TEMPORARY RAMP B
  - INSTALL SIGNAL AT US 421/Y15RPA/SBCD INTERSECTION
- 3C: ACTIVATE US 421/Y15RPA/SBCD SIGNAL AND OPEN Y15RPA AND Y15 TEMP RAMP B (TMP-7A).

3D: WITH TRAFFIC ON Y15RPA AND Y15 TEMPORARY RAMP B, BEGIN REMOVAL OF EX Y15RPA AND CONTINUE SBCD CONSTRUCTION (STA. 27+00 TO 38+00) (TMP-7, 7A).

3E: COMPLETE Y15 US 421 MEDIAN ISLAND CONSTRUCTION (STA. 20+00 TO 23+50) (TMP-7A, 7D).

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 4: TMP-8 TO 8D**

**I-95 WORK AREAS**

**COMPLETE** THE FOLLOWING:

- CULVERT STAGE 1 STA. 1042+00 (TMP-8C)
- I-95 SB OUTSIDE WIDENING (STA. 1025+00 TO 1061+60) (TMP-8B TO 8D)

**US 421 INTERCHANGE**

**Y15RPD TMP-8 TO 8B**

**INTERMEDIATE CONTRACT TIME**

COMPLETE **US 421 INTERCHANGE AREA 1 PHASE I STEP 4 (4A-4C)** IN A PERIOD OF SIXTY (60) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

- 4A: IMPLEMENT OFFSITE DETOUR (TMP-A1D5) AND CLOSE EXISTING Y15 RPD.
- 4B: **COMPLETE** THE FOLLOWING:
- Y15RPD
  - Y15 US 421 OUTSIDE WIDENING (STA. 32+00 TO 49+25) AND INSTALL MARKINGS
  - I-95 NB OUTSIDE WIDENING (STA. 1012+00 TO 1032+00)
  - REPLACEMENT OF I-95 NB OUTSIDE EXISTING SHOULDER (STA. 1032+00 TO 1054+00)
  - MODIFY SIGNAL AT US 421/Y15RPD/NBCD INTERSECTION
- 4C: SHIFT I-95 NB ONTO OUTSIDE WIDENING AND EXISTING SHOULDER, ACTIVATE MODIFIED TEMPORARY SIGNAL AT US 421/Y15RPD AND OPEN Y15RPD. (PHASE I STEP 5)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 5: TMP 9 TO 9F**

**I-95 WORK AREAS**

IN A CONTINUOUS OPERATION, **SHIFT** I-95 SB ONTO NEWLY CONSTRUCTED OUTSIDE WIDENING AND CULVERT STAGE 1 (STA. 1040+00 TO 1044+00) (TMP-9B, 9C).

UPON SHIFTING I-95 SB TO OUTSIDE AND BEHIND PCB, **REVISE** TEMPORARY MEDIAN PAVEMENT FOR I-95 NB SHIFT TO CONSTRUCT CULVERT STAGE 2 (STA. 1033+05 TO 1051+00) (TMP-9C, 9D).

**US 421 INTERCHANGE**

USING LANE CLOSURES, **COMPLETE** Y15 US 421 MEDIAN ISLAND CONSTRUCTION (STA. 33+75 TO 46+30) (TMP-9, 9E, 9F).

**STEP 6: TMP-10 TO 10G**

**I-95 WORK AREAS**

**CONSTRUCT** 8' TEMPORARY PAVEMENT ALONG I-95 NB/SB INSIDE SHOULDERS AND **SHIFT** TO INSIDE:

- I-95 NB STA. 976+50 TO 989+27± (TMP-10, 10A)
- I-95 SB STA. 976+50 TO 994+40± (TMP-10 TO 10B)

IN A CONTINUOUS OPERATION, **SHIFT** I-95 NB TO INSIDE MEDIAN TEMPORARY PAVEMENT (STA. 1013+50 TO 1057+50) AND **BEGIN** THE FOLLOWING (TMP-10C TO 10F):

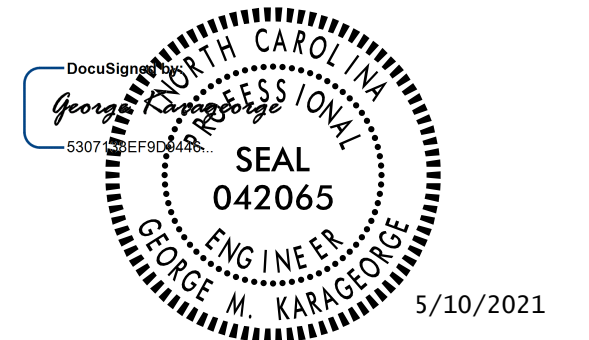
- CULVERT STAGE 2 STA. 1042+00 (TMP-10E)
- I-95 NB OUTSIDE WIDENING (STA. 1032+00 TO 1061+65) (TMP-10D TO 10G)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

PHASING NARRATIVE

AREA 1

**AREA 1 (I-5878): -Y14- SPRING BRANCH RD & -Y15- US 421**



**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**PHASE II  
SPRING BRANCH RD & US 421 INTERCHANGE  
TMP-11 TO 11E**

**Y14RPA/B/C/D**

**INTERMEDIATE CONTRACT TIME**

COMPLETE **AREA 1 PHASE II SPRING BRANCH RD. AND US 421 INTERCHANGE Y14RPA/B/C/D STEPS 1-4** IN A PERIOD OF ONE HUNDRED TWENTY (120) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

- 1: IMPLEMENT OFFSITE DETOUR (TMP-A1D6) AND CLOSE EXISTING Y14RPA/B/C/D AND REVISE Y14 ROAD CLOSURE POINTS (TMP-11A, 11D, 11E).
- 2: COMPLETE THE FOLLOWING:
  - Y14 ROUNDABOUTS (TMP-11A)
  - Y14 SPRING BRANCH RD BRIDGE (TMP-11A)
  - REMOVAL OF EXISTING RAMPS (TMP-11A)
  - SBCD (TMP-11A)
  - Y14RPB (TMP-11, 11A)
  - Y14RPC (TMP-11, 11A)
  - NBCD (TMP-11A)
  - I-95 NB/SB OUTSIDE WIDENING (STA. 946+00 TO 962+00 NB/965+00 SB) (TMP-11)
  - Y14 RAMP TERMINALS (TMP-11A)
  - Y14 STA. 15+75 TO 34+50 (TMP-11A, 11D, 11E)
- 3: BEGIN THE FOLLOWING:
  - I-95 NB/SB OUTSIDE WIDENING (STA. 962+00 NB TO 985+00 NB & STA. 965+00 SB TO 981+00 SB) (TMP-11 TO 11B)
- 4: COMPLETE US 421 TIE-INS TO NBCD/SBCD, INSTALL PAVEMENT MARKINGS, AND OPEN Y14 SPRING BRANCH RD/Y15 US 421 (NBCD/SBCD) INTERCHANGE TO THE SPLIT DIAMOND INTERCHANGE PATTERN WHILE SIMULTANEOUSLY CLOSING EXISTING Y15RPC AND TEMPORARY Y15RPB.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE III  
I-95 WORK AREAS TMP-12 TO 12F**

**CONSTRUCT** I-95 SB TEMPORARY ALIGNMENT -TEMP95SB1- (-LREV- STA. 981+00 PROPOSED OUTSIDE WIDENING TYING BACK TO EXISTING I-95SB STA. 990+00) (TMP-12C).

- COMPLETE** THE FOLLOWING:
- I-95 NB OUTSIDE WIDENING:
    - STA. 962+00 TO 985+00 (TMP-12A TO 12C)
    - STA. 1032+00 TO 1061+65 (BEGUN IN PHASE I STEP 6)
  - I-95 SB OUTSIDE WIDENING STA. 965+00 TO 981+00 (TMP-12A TO 12C)
  - STAGE 1 OF I-95 BRIDGE OVER US 421 AND APPROACHES (TMP-12D)
  - CULVERT STAGE 2 STA. 1042+00 (BEGUN IN PHASE I STEP 6)

**US 421 INTERCHANGE**

UPON OPENING OF Y14 SPRING BRANCH RD/Y15 US 421 TO THE SPLIT DIAMOND INTERCHANGE PATTERN, **REMOVE** EX Y15RPC AND TEMPORARY Y15RPB (TMP-12C, 12D).

**COMPLETE** I-95 OUTSIDE WIDENING STA. 985+00 TO 1000+00 (TMP-12C TO 12D).

**PHASE IV**

**STEP 1: TMP 13 TO 13K**

**I-95 WORK AREAS**

**SHIFT** I-95 TO OUTSIDE WIDENING AS SHOWN. **SHIFT** I-95 NB TO STAGE 1 OF I-95 BRIDGE CONSTRUCTION OVER US 421 (TMP-13F) AND CULVERT STAGE 2 STA. 1042+00 (TMP-13).

**REMOVE** EXISTING I-95 NB BRIDGE AND **CONSTRUCT** STAGE 2 OF I-95 BRIDGE OVER US 421 (TMP-13F).

- COMPLETE** THE FOLLOWING:
- I-95 SB MEDIAN (STA. 970+00 TO 1025+00)

- BEGIN** THE FOLLOWING:
- I-95 MEDIAN (STA. 925+00 TO STA. 1061+65) (TMP-13 TO 13K)
  - CULVERT STAGE 3 STA. 1042+00 (TMP-13I)

**STEP 2: TMP 14 TO 14D**

**I-95 WORK AREAS**

**INTERMEDIATE CONTRACT TIME**

COMPLETE **AREA 1 PHASE IV STEP 2 I-95 WORK AREAS** IN A PERIOD OF TEN (10) CONSECUTIVE WEEKNIGHTS AS FOLLOWS:

- UNDER NIGHTLY CLOSURES OF I-95 SB (SUNDAY THROUGH THURSDAY), COMPLETE THE FOLLOWING:
  - I-95 SB (STA. 1009+00 TO 1025+00) WEDGING/PAVING (TMP-14C, 14D)
  - DURING THE FINAL NIGHTLY CLOSURE, REVISE PAVEMENT MARKINGS AS SHOWN IN PHASE V TRAFFIC SWITCH AND OPEN I-95 SB ONTO PROPOSED INSIDE (STA. 981+00 TO 1017+50), STAGE 2 OF I-95 BRIDGE OVER US 421, AND TEMPORARY ALIGNMENT TEMP\_95SB2 (TMP-15A TO 15C).

APPLY I-95 SB "ROAD CLOSURE TYPICAL" TMP-2B AND DETOUR TMP-A1D7 OV.

**PHASE V**

**I-95 WORK AREAS TMP 15 TO 15D**

UPON SHIFTING I-95 SB ONTO PROPOSED INSIDE SHOULDER AND TEMP\_95SB2 (STA. 981+00 TO 1017+50), **COMPLETE** THE FOLLOWING:

- REMOVAL OF EXISTING I-95 SB BRIDGE OVER 421 (TMP-15B)
- I-95SB STA. 981+00 TO 1013+60 (TMP-15A TO 15C)

**US 421 INTERCHANGE**

UPON REMOVAL OF EXISTING I-95 SB BRIDGE OVER US 421, **REMOVE** PCB ALONG Y15 US 421 AND **COMPLETE** CONSTRUCTION OF PROPOSED Y15 OUTSIDE SHOULDERS AND WEDGING/RESURFACING (TMP-15B).

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE VI**

**I-95 WORK AREAS TMP 16 TO 16E**

SHIFT I-95 SB ONTO NEWLY CONSTRUCTED OUTSIDE WIDENING STA. 981+00 TO 1017+50 AND **COMPLETE** THE FOLLOWING (TMP-16A TO 16C):

- I-95 MEDIAN (BEGIN PROJ TO STA. 1061+65)
- CULVERT STAGE 3 STA. 1042+00 (TMP-16E)

**US 421 INTERCHANGE**

**COMPLETE** CONSTRUCTION OF PROPOSED Y15 MEDIAN ISLANDS UNDER I-95 BRIDGE OVER US 421 (TMP-16B).

FOR THE ABOVE OPERATION, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

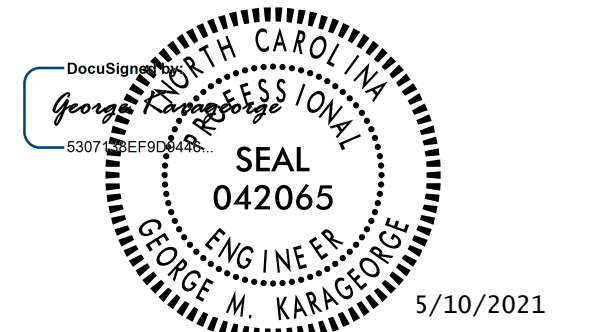
UPON COMPLETION OF ALL MEDIAN CONSTRUCTION THROUGHOUT THE ENTIRE PROJECT, PAVE THE FINAL SURFACE COURSE, INSTALL FINAL PAVEMENT MARKINGS, REMOVE ALL TRAFFIC CONTROL DEVICES, AND OPEN I-95 TO FINAL TRAFFIC PATTERN.

PHASING NARRATIVE
AREA 1

5/10/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP\_03C AREA I PHASE 2\_6 NARRATIVE.dgn Caroline.Owings



## AREA 2 (I-5883): -Y16- JONESBORO RD & -Y17- HODGES CHAPEL RD



**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

**Michael Baker  
INTERNATIONAL**

### PHASE I

#### STEP 1: TMP-17 TO 17Z

#### I-95 WORK AREAS

**CONSTRUCT** THE FOLLOWING:

- 8' TEMPORARY PAVEMENT ALONG I-95 NB/SB INSIDE SHOULDERS AND INSTALL ANCHORED PCB AS SHOWN:
  - I-95 NB/SB 1061+65± TO 1099+50±
  - I-95 NB/SB 1103+50± TO 1204+00±
  - I-95 NB 1209+00± TO 1214+00±
  - I-95 SB 1209+00± TO 1210+00±
  - I-95 NB 1228+00± TO 1253+00±
  - I-95 SB 1231+00± TO 1253+00±
  - I-95 NB/SB 1268+00± TO 1286+00±
- I-95 SB 8' - 22' VARIABLE INSIDE TEMPORARY PAVEMENT AT THE FOLLOWING LOCATIONS (TMP-17L TO 17N):
  - SB 1210+00± TO 1218+00±
  - SB 1223+00± TO 1231+00±
- I-95 SB 22' INSIDE TEMPORARY PAVEMENT AT THE 1220+30 CULVERT BETWEEN STA. 1218+00± TO 1223+00± (TMP-17M)
- I-95 NB 4' - 8' VARIABLE INSIDE TEMPORARY PAVEMENT AT THE FOLLOWING LOCATIONS (TMP-17M TO 17N):
  - NB 1214+00± TO 1218+00±
  - NB 1224+00± TO 1228+00±
- I-95 NB 4' INSIDE TEMPORARY PAVEMENT SHOULDER REPLACEMENT AT THE 1220+30 CULVERT BETWEEN 1218+00± TO 1224+00± (TMP-17M)
- I-95 NB AND SB 8' - 12' VARIABLE INSIDE TEMPORARY PAVEMENT AT THE FOLLOWING LOCATIONS (TMP-17P TO 17Q):
  - NB AND SB 1253+00± TO 1256+00±
  - NB AND SB 1265+00± TO 1268+00±
- I-95 NB/SB 12' INSIDE TEMPORARY PAVEMENT AT MINGO SWAMP 1256+00± TO 1265+00± (TMP-17P).

WHEN CONSTRUCTING TEMPORARY PAVEMENT, CONSTRUCT FURTHEST SIDE AWAY FROM THE EXISTING GUARDRAIL FIRST AND PLACE PCB PRIOR TO RE-OPENING THE LANE.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

#### JONESBORO RD INTERCHANGE

**CONSTRUCT** THE FOLLOWING AND OPEN TO TRAFFIC:

- SR13 (TMP-17 TO 17B, 17S TO 17T)
- SR15 (10+50± UPTO EXISTING GEORGE PERRY LEE RD) WITH TEMPORARY TIE TO EXISTING JONESBORO RD. (TMP-17F, 17U TO 17V)
- DR2 (TMP-17S)
- DR3 (TMP-17E)
- DR4 (TMP-17V)

**BEGIN** THE FOLLOWING:

- Y16RPC (TMP-17C TO 17D)
- Y16 (31+00± TO 39+00±) (TMP-17D, 17U)
- Y16 JONESBORO RD BRIDGE CONSTRUCTION AS FOLLOWS:

- A. REPLACE** I-95 OUTSIDE SHOULDERS WITH TEMPORARY PAVEMENT: SB 1096+85± TO 1107+00± AND NB 1098+10± TO 1108+40±.
- B. SHIFT** I-95 NB/SB TO OUTSIDE SHOULDERS AND INSTALL PCB ON THE MEDIAN SHOULDER.
- C. BEHIND** PCB **CONSTRUCT** MEDIAN BENT
- D. UPON** COMPLETION OF MEDIAN BENT, **CONSTRUCT** I-95 NB/SB TEMPORARY MEDIAN PAVEMENT (1099+50± TO 1103+50± AS SHOWN IN PHASE 1 STEP 2).

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

#### HODGES CHAPEL RD INTERCHANGE

**CONSTRUCT** THE FOLLOWING AND OPEN TO TRAFFIC:

- SR16 (TMP-17G TO 17L, 17Y)
- Y26 (TMP-17J, 17W TO 17X)

**BEGIN** THE FOLLOWING:

- SR17 (FROM 12+50± TO 35+00± AND 37+50± TO 50+00±) (TMP-17L TO 17N, 17Z)
- Y27 (TMP-17N)

#### INTERMEDIATE CONTRACT TIME

COMPLETE AREA 2 PHASE I STEP 1 HODGES CHAPEL RD. INTERCHANGE STEPS (A-E), AREA 2 PHASE II HODGES CHAPEL RD. INTERCHANGE STEPS 2 (2A-2C) AND AREA 2 PHASE III HODGES CHAPEL RD. INTERCHANGE STEPS 3 (3A-3C) IN A PERIOD OF THREE HUNDRED SIXTY FIVE (365) CONSECUTIVE CALENDAR DAYS.

HODGES CHAPEL RD. BRIDGE SHALL BE RE-OPENED WITHIN THE 365 CONSECUTIVE CALENDAR DAY PERIOD.

OTHER WORK LISTED IN AREA 2 PHASE I AND PHASE II MAY START BEFORE OR DURING THE TIME HODGES CHAPEL RD. IS CLOSED.

**BEGIN** Y17 HODGES CHAPEL RD BRIDGE CONSTRUCTION AS FOLLOWS:

- A. IMPLEMENT** OFF-SITE DETOUR (TMP-A2D1) AND **CLOSE** HODGES CHAPEL RD.
- B. REMOVE** EXISTING DECK & SUPERSTRUCTURE. **REPLACE** I-95 OUTSIDE SHOULDERS SB STA 1197+50± TO 1216+00± AND NB STA. 1196+00± TO 1215+00± (TMP-17K TO 17M)
- C. SHIFT** I-95 NB/SB TO OUTSIDE SHOULDERS AND INSTALL PCB ON THE OUTSIDE AND MEDIAN SHOULDERS.
- D. BEHIND** PCB, **REMOVE** EXISTING MEDIAN BENT, **CONSTRUCT** MEDIAN BENT, **BEGIN** REMOVAL OF EXISTING END BENTS AND CONSTRUCTION OF NEW END BENTS.
- E. UPON** COMPLETION OF MEDIAN BENT, **CONSTRUCT** I-95 NB/SB TEMPORARY MEDIAN PAVEMENT (STA. 1204+00± TO 1209+00± AS SHOWN IN PHASE 1 STEP 2 TMP-18K) AND CONTINUE CONSTRUCTION OF BRIDGE, END BENTS, SUPERSTRUCTURE/DECK, & Y17 (22+50± TO 31+50±).

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED, AND SHORT TERM DETOUR (TMP-A2D2 OV) DURING GIRDER WORK.

#### STEP 2: TMP-18 TO 18V

#### I-95 WORK AREAS

**SHIFT** I-95 TO INSIDE TEMPORARY PAVEMENT FROM 1061+65 TO 1211+00 AND **BEGIN** THE FOLLOWING:

- I-95 OUTSIDE WIDENING:
  - SB 1061+65± TO 1080+40±
  - NB 1061+65± TO 1092+00±
  - SB 1109+00± TO 1183+90±
  - NB 1120+00± TO 1186+70±

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

#### JONESBORO RD INTERCHANGE

WITH I-95 TRAFFIC SHIFTED TO THE INSIDE **CLOSE** JERRY CARR RD AND GEORGE PERRY LEE RD AND **BEGIN** THE FOLLOWING:

- Y16RPA (TMP-18C TO 18D)
- Y16RPB (TMP-18B TO 18C)
- Y16RPD (TMP-18C TO 18D)
- TEMPORARY TIE FROM Y16RPB TO EXISTING JONESBORO RD.(TMP-18C)
- SR15 (29+00± TO 91+55±) (TM-18E TO 18I)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

#### HODGES CHAPEL RD INTERCHANGE

**BEGIN** THE FOLLOWING:

- Y17RPB (TMP-18J TO 18K)
- Y17RPC (TMP-18J)

**COMPLETE** THE FOLLOWING:

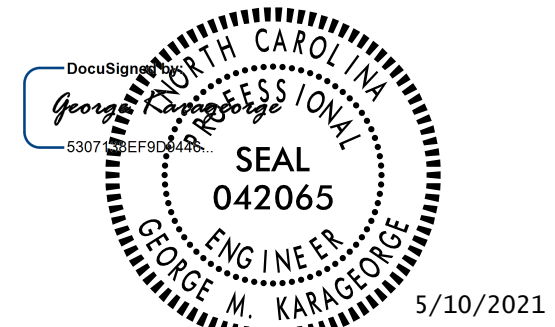
- SR17
  - 12+50± TO 35+00±
  - 37+50± TO 50+00±
- Y27

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

PHASING NARRATIVE

AREA 2

**AREA 2 (I-5883): -Y16- JONESBORO RD & -Y17- HODGES CHAPEL RD**



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**Michael Baker  
INTERNATIONAL**

**PHASE II**

**STEP 1: TMP-19 TO 19H**

**I-95 WORK AREAS**

**SHIFT** I-95 TRAFFIC TO INSIDE TEMPORARY PAVEMENT BEHIND PCB:

- SB 1218+00± TO 1286+00±.
- NB 1228+00± TO 1286+00±

**BEGIN** THE FOLLOWING:

- I-95 OUTSIDE WIDENING:
  - NB 1199+00± TO 1213+00±
  - SB 1199+00± TO 1213+00±
  - SB 1219+00± TO 1286+00±
  - NB 1232+00± TO 1286+00±
- STAGE 1 OF THE MINGO SWAMP BRIDGE (TMP-19E)

AND **CONSTRUCT** THE FOLLOWING:

- STAGE 1 OF THE 1220+30 CULVERT (TMP-19B)
- FOUNDATIONS RD. -SR19- (TMP-19C TO 19D)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**HODGES CHAPEL RD INTERCHANGE**

**BEGIN** Y17RPA. (TMP-19A TO 19B)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 2: TMP-20 TO 20D**

**I-95 WORK AREAS**

**COMPLETE** I-95 SB OUTSIDE WIDENING:

- SB 1136+00± TO 1183+90±
- SB 1199+00± TO 1213+00±
- SB 1219+00± TO 1258+00±

**HODGES CHAPEL RD INTERCHANGE**

**INTERMEDIATE CONTRACT TIME**

**COMPLETE AREA 2 PHASE II HODGES CHAPEL RD INTERCHANGE STEP 2 (2A-2C)** IN A PERIOD OF SIXTY-FIVE (65) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

2A: IMPLEMENT OFF-SITE DETOUR (TMP-A2D3) AND **CLOSE** EXISTING Y17RPA & Y17RPB AND **REVISE** Y17 CLOSURE POINTS

2B: **COMPLETE** THE FOLLOWING:

- Y17RPA (TMP-20B TO 20C)
- Y17RPB (TMP-20A TO 20B)
- Y17 (13+50± TO 22+50±) (TMP-20B AND 20D)
- I-95 SB OUTSIDE WIDENING (1183+90± TO 1199+00± & 1213+00± TO 1219+00±)

2C: **SHIFT** I-95 SB TO THE OUTSIDE CONSTRUCTED WIDENING FROM 1136+00± THROUGH 1256+00± AND RESET PCB (AS SHOWN IN PHASE III STEP 1) AND **RE-OPEN** THE FOLLOWING TO TRAFFIC:

- Y17 (13+50± TO 22+50±)
- Y17RPA
- Y17RPB

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE III**

**STEP 1: TMP-21 TO 21J**

**I-95 WORK AREAS**

**RECONSTRUCT** MEDIAN TEMPORARY PAVEMENT FROM 1209+00± TO 1238+00± TO ACCEPT I-95 NB TRAFFIC. (TMP-21E TO 21G)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 2: TMP-22 TO 22B**

**I-95 WORK AREAS**

**SHIFT** I-95 NB TRAFFIC TO INSIDE TEMPORARY PAVEMENT BEHIND PCB FROM 1218+00± TO 1223+00± AND **CONSTRUCT** THE FOLLOWING:

- STAGE 2 OF THE 1220+30 CULVERT (TMP-22A)
- I-95 NB WIDENING FROM 1219+00± TO 1232+00± (TMP-22A TO 22B)
- SR17 FROM 35+00± TO 37+50± (TMP-22A)

**COMPLETE** SR 15 FROM 82+00± TO 91+55±

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 3: TMP-23 TO 23C**

**I-95 WORK AREAS**

**COMPLETE** THE FOLLOWING:

- SR15 (40+75± TO 82+00± AND 91+55± TO 98+00±) AND OPEN TO TRAFFIC
- Y26 AND OPEN TO TRAFFIC
- STAGE 1 OF THE MINGO SWAMP BRIDGE
- I-95 OUTSIDE WIDENING:
  - NB 1136+00± TO 1186+70±
  - NB 1199+00± TO 1213+00±
  - NB 1219+00± TO 1286+00±
  - SB 1258+00± TO 1286+00±

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**HODGES CHAPEL RD INTERCHANGE**

**INTERMEDIATE CONTRACT TIME**

**COMPLETE AREA 2 PHASE III HODGES CHAPEL RD INTERCHANGE STEP 3 (3A-3C)** IN A PERIOD OF EIGHTY (80) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

3A: IMPLEMENT OFF-SITE DETOUR (TMP-A2D4) AND **CLOSE** EXISTING Y17RPC & Y17RPD AND **REVISE** CLOSURE POINTS ON Y17

3B: **COMPLETE** THE FOLLOWING:

- Y17RPC (TMP-23 TO 23A)
- Y17RPD (TMP-23A TO 23B)
- Y17 (31+50± TO 40+50±) (TMP-23B)
- I-95 NB OUTSIDE WIDENING (1186+70± TO 1199+00± & 1213+00± TO 1219+00±)

3C: **SHIFT** I-95 TO THE OUTSIDE CONSTRUCTED WIDENING: NB FROM 1165+00± AND SB FROM 1227+00 THROUGH AREA 5 (AS SHOWN IN PHASE IV STEP 1) AND **RE-OPEN** THE FOLLOWING TO TRAFFIC:

- Y17
- Y17RPC
- Y17RPD

NOTE: IF Y17RPC AND Y17RPD ARE COMPLETE BEFORE THE Y17 BRIDGE IS FINISHED, THEN OPEN RAMPS TO TRAFFIC WITH BRIDGE CLOSED AND MAINTAIN PRIOR DETOURS.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE IV**

**STEP 1: TMP-24 TO 24R**

**I-95 WORK AREAS**

**BEGIN** THE FOLLOWING:

- MEDIAN CONSTRUCTION (1168+30± TO 1286+00±) (TMP-24H TO 24Q)
- STAGE 2 OF THE MINGO SWAMP BRIDGE (TMP-24O)
- STAGE 3 OF THE 1220+30 CULVERT (TMP-24L)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**JONESBORO RD INTERCHANGE**

**BEGIN** THE FOLLOWING (TMP-24C):

- Y16 BRIDGE
- Y16 END BENTS
- Y16 WALLS
- Y16
  - 24+75± TO 26+25±
  - 27+95± TO 29+00±

**INTERMEDIATE CONTRACT TIME**

**COMPLETE AREA 2 PHASE IV JONESBORO RD INTERCHANGE STEP 1(1A-1C)** IN A PERIOD OF THIRTY (30) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

1A. IMPLEMENT OFF-SITE DETOUR (TMP-A2D6) AND **CLOSE** EXISTING Y16 AND Y16RPB

1B. **COMPLETE** THE FOLLOWING:

- Y16RPB (TMP-24B TO 24C)
- TEMPORARY TIE FROM Y16RPB TO EXISTING JONESBORO RD. (TMP-24C)
- END BENT #1 (TMP-24C)
- I-95 SB OUTSIDE WIDENING (1061+65± TO 1091+35±) (TMP-24 TO 24B)

1C. **OPEN** Y16RPB AND **RE-OPEN** EXISTING Y16 BRIDGE TO TRAFFIC (AS SHOWN IN PHASE IV STEP 2).

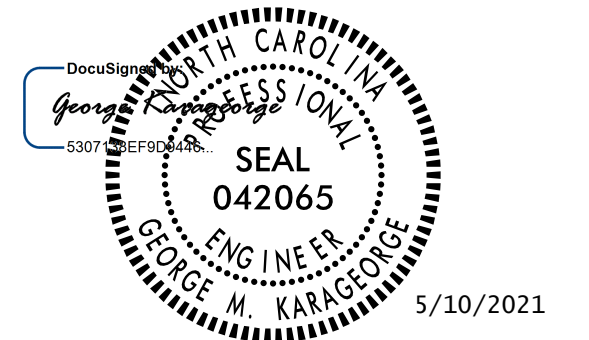
FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED, AND SHORT TERM DETOUR (TMP-A2D5 OV) DURING GIRDER WORK.

PHASING NARRATIVE

AREA 2

PROJECT REFERENCE NO.	SHEET NO.
I-5878 / I-5883 / I-5986B	TMP-3F

**AREA 2 (I-5883): -Y16- JONESBORO RD & -Y17- HODGES CHAPEL RD**



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**PHASE IV**

**STEP 2: TMP-25 TO 25C**

**JONESBORO RD INTERCHANGE**

**BEGIN** THE SUPERSTRUCTURE/DECK OF THE Y16 BRIDGE (TMP-25C)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED, AND SHORT TERM DETOUR (TMP-A2D5 OV) DURING GIRDER WORK.

**STEP 3: TMP-26 TO 26D**

**I-95 WORK AREAS**

**COMPLETE** THE FOLLOWING:

- I-95 OUTSIDE WIDENING:
  - NB 1061+60± TO 1092+00±
  - NB 1120+00± TO 1136+00±
  - SB 1109+10± TO 1136+00±

**JONESBORO RD INTERCHANGE**

**INTERMEDIATE CONTRACT TIME**

COMPLETE **AREA 2 PHASE IV JONESBORO RD INTERCHANGE STEP 3 (3A-3C)** IN A PERIOD OF FORTY-FIVE (45) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

3A: IMPLEMENT OFF-SITE DETOUR (TMP-A2D7) AND

**CLOSE** THE FOLLOWING:

- JONESBORO BRIDGE
- EXISTING Y16RPA
- Y16RPB
- EXISTING Y16RPC
- EXISTING Y16RPD

3B: **COMPLETE** THE FOLLOWING:

- REMOVAL OF EXISTING Y16 BRIDGE DECK AND SUPERSTRUCTURE (TMP-25C)
- Y16 BRIDGE, END BENT #2 & SUPERSTRUCTURE/DECK (TMP-25C)
- Y16 (TMP-26A)
- Y16RPA (TMP-26A TO 26B)
- Y16RPB TIE TO Y16 (TMP-26A)
- Y16RPC (TMP-26 TO 26A)
- Y16RPD (TMP-26A TO 26B)
- I-95 OUTSIDE WIDENING (TMP-26 TO 26B)
  - NB 1092+00± TO 1120+00±
  - SB 1100+00± TO 1109+10±

3C: **SHIFT** I-95 NB/SB TO THE OUTSIDE CONSTRUCTED WIDENING FROM AREA 1 THROUGH 1286+00± AND **OPEN** THE FOLLOWING TO TRAFFIC:

- Y16
- Y16 BRIDGE
- Y16RPA, Y16RPB
- Y16RPC
- Y16RPD

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE V**

**I-95 WORK AREAS TMP-27 TO 27J**

**CONSTRUCT** I-95 MEDIAN (1061+65± TO 1168+30±) (TMP-27 TO 27H)

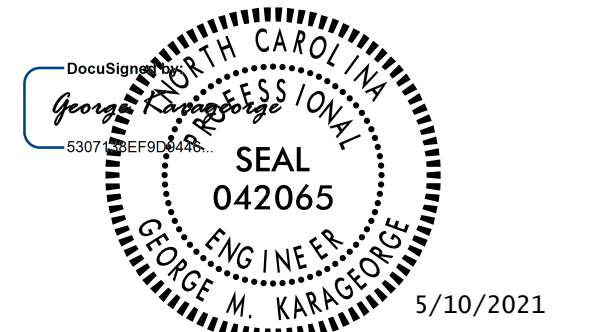
**COMPLETE** THE FOLLOWING:

- MEDIAN CONSTRUCTION (1168+30± TO 1268+30±)
- SR15 (29+00± TO 40+75±)
- STAGE 2 OF THE MINGO SWAMP BRIDGE
- STAGE 3 OF THE 1220+30 CULVERT

4/21/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP\_03F AREA 2 PHASE 4.5 NARRATIVE.dgn Caroline.Owings

PHASING NARRATIVE
AREA 2

## AREA 3: -Y29- S MARKET ST / CUB RD



**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

**Michael Baker  
INTERNATIONAL**

### INTERMEDIATE CONTRACT TIME

COMPLETE THE WORK OF AREA 3 PHASES I THRU III IN ACCORDANCE WITH INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES

### **PHASE I**

#### **STEP 1: TMP- 28 TO 28C**

**REPLACE** I-95 NB/SB OUTSIDE EXISTING SHOULDERS FROM STA. 1286+00 TO STA. 1304+00 WITH TEMPORARY PAVEMENT AND IN A CONTINUOUS OPERATION, SHIFT I-95 NB/SB TO OUTSIDES AND INSTALL PCB ALONG INSIDE EDGE.

WITH I-95 NB/SB TRAFFIC SHIFTED TO OUTSIDE, **PERFORM** THE FOLLOWING:

- **CONSTRUCT** Y29 BRIDGE MEDIAN BENT
- **BEGIN** END BENT 1

**BEGIN** THE FOLLOWING:

- S MARKET ST Y29
- CUB RD SERVICE ROAD Y29A

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED. FOR S. MARKET ST. A ROAD CLOSURE WILL ALSO BE REQUIRED AS SHOWN ON THE DETAIL SHEETS AND RSD 1101.03.

#### **STEP 2: TMP- 29 TO 29B**

**CONSTRUCT** 8' TEMPORARY PAVEMENT ALONG I-95 NB/SB INSIDE SHOULDERS FROM STA. 1286+00 TO STA. 1312+00 AND **INSTALL** ANCHORED PCB.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02), AS REQUIRED.

### **PHASE II TMP- 30 TO 30C**

**SHIFT** I-95 NB/SB TO INSIDE MEDIAN TEMPORARY PAVEMENT AND BEHIND PCB, **BEGIN** I-95 NB/SB OUTSIDE WIDENING STA. 1286+00 TO STA. 1312+00.

**COMPLETE** THE FOLLOWING:

- STEP 1: OPEN CUB RD SERVICE ROAD Y29A TO TRAFFIC, AND CLOSE EXISTING CUB RD.  
STEP 2: WITH CUB RD TRAFFIC ON Y29A AND MARKET ST. CONTINUED TO BE CLOSED, COMPLETE CONSTRUCTION OF Y29 BRIDGE AND APPROACHES (REFER TO TMP-A3D1 DETOUR OVERVIEW)

### **PHASE III TMP- 31**

**OPEN** CUB RD / S MARKET ST Y29 TO TRAFFIC.

**CONTINUE** CONSTRUCTION OF I-95 OUTSIDE WIDENING.

### **PHASE IV TMP- 32 TO 32B**

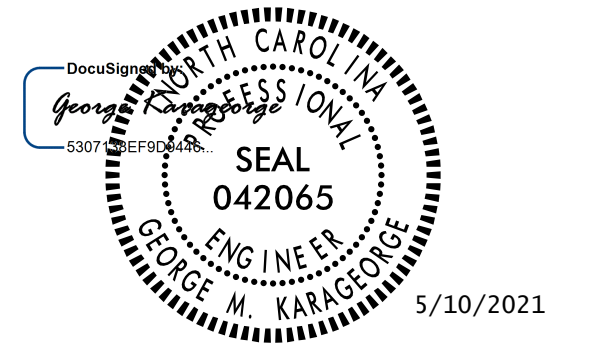
**COMPLETE** I-95 NB/SB OUTSIDE WIDENING STA. 1286+00 TO STA. 1312+00 AND UPON COMPLETION OF AREAS 2, 3, 4, AND 5 OUTSIDE WIDENING, SHIFT ALL I-95 NB/SB TO NEWLY CONSTRUCTED OUTSIDE WIDENING AND **CONSTRUCT** I-95 PROPOSED MEDIAN.

UPON COMPLETION OF ALL MEDIAN CONSTRUCTION THROUGHOUT THE ENTIRE PROJECT, PAVE THE FINAL SURFACE COURSE, INSTALL FINAL PAVEMENT MARKINGS, REMOVE ALL TRAFFIC CONTROL DEVICES, AND OPEN I-95 TO FINAL TRAFFIC PATTERN.

PHASING NARRATIVE

AREA 3

**AREA 4: -Y18- NC 50 INTERCHANGE**



**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**PHASE I**

**STEP 1: TMP-33 TO 33E**

**CONSTRUCT** THE FOLLOWING:

- 8' TEMPORARY PAVEMENT ALONG I-95 NB/SB INSIDE SHOULDERS AND INSTALL ANCHORED PCB FROM STA. -L-1312+00 TO 1370+00
- TEMPORARY PAVEMENT ON THE INSIDE (RT) OF EX Y18RPB (TMP-33B)

**REVISE MARKINGS TO REDUCE LANES** ON NC 50 TO ONE THROUGH LANE IN EACH DIRECTION FROM MORGAN RD. TO FAYETTEVILLE ST. AND **BEGIN** THE FOLLOWING: (TMP-33E)

- Y18RAA (ROUNDAABOUT) UP TO EXISTING NC 50 EOT EDGE & ELEVATION
- Y30 (WALTON DR.) UP TO EXISTING Y30 EOT EDGE & ELEVATION
- Y18RPC

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 2: TMP-34 TO 34D**

**SHIFT** I-95 TO INSIDE TEMPORARY PAVEMENT AND Y18RPB TO THE INSIDE (RT) TEMPORARY PAVEMENT, AND BEHIND BARRIER **BEGIN** THE FOLLOWING:

- I-95 NB/SB OUTSIDE WIDENING:
  - I-95 SB -L- STA. 1312+00 TO 1335+00
  - I-95 SB -L- STA. 1338+00 TO 1347+00
  - I-95 SB -L- STA. 1351+83 TO 1370+00
  - I-95 NB -L- STA. 1312+00 TO 1344+00
  - I-95 NB -L- STA. 1356+30 TO 1370+00
- Y18RPB LEFT SIDE
- Y18RPA RIGHT SIDE UP TO EXISTING
- Y18RPD LEFT SIDE UP TO EXISTING

**CONSTRUCT** Y28 CHICOPEE RD FROM STA. 15+75 TO 31+00. USE TEMPORARY LANE CLOSURES (RSD 1101.02 SHT 3 OF 14) AS REQUIRED.

**PHASE II TMP-35 TO 35H**

**INTERMEDIATE CONTRACT TIME**

**COMPLETE** AREA 4 PHASE II (A-C) AND Y18 PIPE CONSTRUCTION STEPS 1-4 IN A PERIOD OF FORTY-FIVE (45) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

**TMP-35 TO 35D**

A. IMPLEMENT OFF-SITE DETOUR (TMP-A4D1) AND **CLOSE** NC 50 AND NC 242/ S. WALTON DR (Y30).

B. **COMPLETE** THE FOLLOWING:

- Y18RPC
- I-95 NB OUTSIDE WIDENING (STA. 1312+00 TO 1335+50)
- I-95 SB OUTSIDE WIDENING (STA. 1312+00 TO 1328+30)
- Y18RPB OUTSIDE (LT)
- Y18RAA (ROUNDAABOUT)
- EXY18RPD TEMPORARY TIE TO NC 50
- EXY18LPD TEMPORARY TIE TO NC 50
- Y30 (NC 242/S. WALTON DR)
- Y18 NC 50 STA. 16+16 TO 37+39 AND INSTALL MARKINGS
- Y18 SIDEWALKS
- REMOVE EXISTING TRAFFIC SIGNALS AT NC 50/FAYETTEVILLE ST./Y18RPD
- INSTALL SIGNAL AT NC 50 Y18RPB/RPA
- PROPOSED SIGNING
- ALL Y18 BRIDGE WORK EXCEPT FOR BRIDGE PAINTING WHICH MAY BE DONE UNDER LANE CLOSURES. DURING REMOVAL OF EXISTING BRIDGE RAILS, CLOSE I-95. FOR I-95 SB, USE ALL TRAFFIC EXIT TYPICAL DRAWING TMP-2B. FOR I-95 NB, USE TRAFFIC STOPPAGES PER ROADWAY STANDARD DRAWING 1101.03 SHEET 9 OF 9.

C. **REVISE** PAVEMENT MARKINGS AND BARRIER ON I-95 AND **OPEN** NC 50 Y18/ S. WALTON DR Y30/Y18RAA/Y18RPC TO TRAFFIC, AND SIMULTANEOUSLY CLOSE EXY18LPD. (TMP-36, 36A-36E)

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**Y18 PIPE CONSTRUCTION (TMP-35E TO 35H)**

**STEP 1: TMP-35E**

**INTERMEDIATE CONTRACT TIME**

COMPLETE THE FOLLOWING IN A PERIOD OF FORTEEN (14) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

IMPLEMENT OFF-SITE DETOUR, REVISE Y18 MARKINGS AND CLOSE FAYETTEVILLE STREET. (TMP-35B) COMPLETE Y18 PIPE CONSTRUCTION FROM STA. 19+15 TO 20+00 BEHIND BARRIER.

**STEP 2: TMP-35F**

**INTERMEDIATE CONTRACT TIME**

COMPLETE THE FOLLOWING IN A PERIOD OF SEVEN (7) CONSECUTIVE CALENDAR DAYS AS FOLLOWS:

CHANGE CLOSEURE POINT OF NC 50 AND DETOUR TRAFFIC TO NC 50 USING N. DUNN AND FAYETTEVILLE ST. COMPLETE Y18 PIPE CONSTRUCTION FROM STA. 17+90 TO 19+15.

**STEP 3: TMP-35G**

WORK IN CONTINUOUS MANNER FROM STEP 2:

REVISE Y18 PAVEMENT MARKINGS AND CLOSE NC 50 ENTRANCES TO MCDONALDS AND TACO BELL. COMPLETE Y18 PIPE CONSTRUCTION FROM STA. 15+50 TO 17+90 BEHIND BARRIER.

**STEP 4: TMP-35H**

WORK IN CONTINUOUS MANNER FROM STEP 3:

REVISE Y18 PAVEMENT MARKINGS TO THE FINAL PAVEMENT MARKING PATTERN AND CLOSE S. DUNN ST. COMPLETE THE REMAINDER OF Y18 PIPE CONSTRUCTION DOWN S. DUNN ST.

PHASING NARRATIVE

AREA 4

## AREA 4: -Y18- NC 50 INTERCHANGE



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**Michael Baker  
INTERNATIONAL**

### PHASE III

#### STEP 1: TMP-36 TO 36F

**SHIFT** EXY18RPB TO PROPOSED Y18RPB, INSTALL PCB, AND **CONTINUE** I-95 SB OUTSIDE WIDENING -L- STA. 1328+30 TO 1338+00.

**CONTINUE** CONSTRUCTION OF Y18RPD UP TO EXY18RPD AND REMOVAL OF EXY18LPC.

**COMPLETE** I-95 NB/SB OUTSIDE WIDENING:

- I-95 NB -L- STA. 1335+50 TO 1352+50
- I-95 NB -L- STA. 1357+75 TO 1370+00
- I-95 SB -L- STA. 1328+30 TO 1347+00
- I-95 SB -L- STA. 1355+00 TO 1370+00

PHASE III-STEP 2(2A-2C) AND PHASE III-STEP 3(3A-3C) INTERMEDIATE CONTRACT TIMES MAY OCCUR IN ANY ORDER.

#### STEP 2: Y18RPA/I-95 SB TMP-37 TO 37B, TMP-A4D2

#### INTERMEDIATE CONTRACT TIME

**COMPLETE** AREA 4 PHASE III STEP 2 (2A-2C) IN A PERIOD OF FOURTEEN (14) CONSECUTIVE CALENDAR DAYS.

2A: IMPLEMENT OFF-SITE DETOUR (TMP-A4D2) AND **CLOSE** EXY18RPA

2B: **COMPLETE** Y18RPA AND I-95 SB OUTSIDE WIDENING (STA. 1347+00 TO 1370+00)

2C: **OPEN** Y18RPA.

NOTE:

I-95 SB TRAFFIC IS SHOWN SHIFTED TO THE OUTSIDE ALONG AREAS 2 THRU 5 IN CONJUNCTION WITH OPENING OF Y18RPA. DEPENDING ON THE CONTRACTOR'S SCHEDULE, THE SHIFT TO THE OUTSIDE MAY BE ADJUSTED THROUGHOUT THESE AREAS AS APPROVED BY THE ENGINEER.

#### STEP 3: Y18RPD/I-95 NB TMP-37 TO 37B

#### INTERMEDIATE CONTRACT TIME

**COMPLETE** AREA 4 PHASE III STEP 3 (3A-3C) IN A PERIOD OF TEN (10) CONSECUTIVE CALENDAR DAYS.

3A: IMPLEMENT OFF-SITE DETOUR (TMP-A4D2) AND **CLOSE** EXY18RPD

3B: **COMPLETE** Y18RPD AND I-95 NB OUTSIDE WIDENING (STA. 1352+50 TO 1357+75)

3C: **OPEN** Y18RPD.

NOTE:

I-95 NB TRAFFIC IS SHOWN SHIFTED TO THE OUTSIDE ALONG AREAS 2 THRU 5 IN CONJUNCTION WITH OPENING OF Y18RPD. DEPENDING ON THE CONTRACTOR'S SCHEDULE, THE SHIFT TO THE OUTSIDE MAY BE ADJUSTED THROUGHOUT THESE AREAS AS APPROVED BY THE ENGINEER.

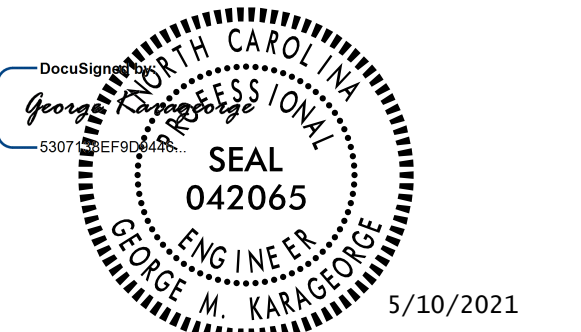
FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

PHASING NARRATIVE

AREA 4

PROJECT REFERENCE NO.	SHEET NO.
I-5878 / I-5883 / I-5986B	TMP-3J

**AREA 5: DEEP CULVERT STA. 1391+00 & -Y19- I-40 RAMPS**



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**PHASE I**

**STEP 1: TMP-39 TO 39D**

**CONSTRUCT** THE FOLLOWING:

- 8' TEMPORARY PAVEMENT ALONG I-95 NB/SB INSIDE SHOULDERS AND INSTALL ANCHORED PCB AS SHOWN:
  - I-95 NB STA. 1370+00 NB TO 1400+00
  - I-95 SB STA. 1370+00 SB TO 1376+00
  - I-95 SB STA. 1412+50 SB TO 1419+00
- REMOVE I-95 NB EXISTING OUTSIDE SHOULDER AND CONSTRUCT PROPOSED OUTSIDE SHOULDER STA. 1399+53 TO 1414+50
- Y33 N WALTON AVE UP TO THE EXISTING EDGE AND ELEVATION AND PROPOSED CULVERT STA. 36+00

**REPLACE** I-95 NB/SB OUTSIDE EXISTING SHOULDERS:

- I-95 SB STA. 1373+00 TO 1404+00
- I-95 SB STA. 1405+62 TO 1416+15 AND INSTALL PCB PRIOR TO WORKING ON Y19TEMPRPB WITHIN 40' OF I-95
- I-95 NB STA. 1414+50 TO 1417+10

**CLOSE** EXISTING Y19RPB LEFT LANE AT INCEPTION AND **CONSTRUCT** Y19TEMPRPB.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 2: TMP-40 TO 40B**

IN A CONTINUOUS OPERATION, **PAVE** Y33 (STA. 10+50 TO 45+65), **SWITCH** TRAFFIC TO Y33, AND **CLOSE** EXISTING N WALTON AVE.

**SHIFT** I-95 NB/SB TO INSIDE MEDIAN TEMPORARY PAVEMENT AND **INSTALL** PCB ALONG OUTSIDE EDGE:

- I-95 NB STA. 1370+00 NB TO 1400+00
- I-95 SB STA. 1370+00 SB TO 1376+00 (COORDINATE WITH AREA 4)

UPON SHIFTING I-95 NB TRAFFIC TO INSIDE AND BEHIND PCB, **CONSTRUCT** I-95 NB OUTSIDE WIDENING STA. 1370+00 TO 1395+46 (TEMPORARY WIDENING STA. 1390+85 TO 1392+36 USING PROPOSED PAVEMENT DESIGN).

**REPLACE** I-95 NB OUTSIDE EXISTING SHOULDER STA. 1395+46 TO 1397+80.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 3: TMP-41 TO 41C**

IN A CONTINUOUS OPERATION, **SHIFT** I-95 NB/SB TO OUTSIDE SHOULDERS STA. 1370+00 TO 1417+00 AND **RESET/INSTALL** PCB ALONG INSIDE EDGE.

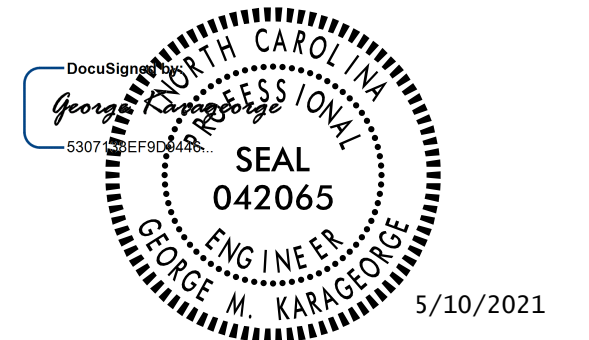
UPON SHIFTING I-95 NB/SB TO OUTSIDES AND BEHIND PCB, **CONSTRUCT** I-95 SB INSIDE TEMPORARY PAVEMENT STA. 1376+00 TO 1412+50 IN PREPARATION FOR BRIDGE STAGE 1 CONSTRUCTION OVER DEEP CULVERT AT STA. 1391+00.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

PHASING NARRATIVE

AREA 5

**AREA 5: DEEP CULVERT STA. 1391+00 & -Y19- I-40 RAMPS**



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**PHASE II TMP-42 TO 42C**

IN A CONTINUOUS OPERATION, **SHIFT** I-95 SB TO INSIDE MEDIAN TEMPORARY PAVEMENT, **SWITCH** EX Y19RPB TRAFFIC TO Y19TEMPRPB, AND **RESET/INSTALL** PCB ALONG INSIDE AND OUTSIDE EDGES.

UPON SHIFTING I-95 SB TRAFFIC TO INSIDE AND BEHIND PCB, **CONSTRUCT** THE FOLLOWING:

- BRIDGE STAGE 1 STA. 1391+00
- I-95 SB OUTSIDE WIDENING (STA. 1370+00 TO 1405+15)
- Y19RPB

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE III TMP-43 TO 43C**

IN A CONTINUOUS OPERATION, PERFORM THE FOLLOWING:

- **SHIFT** I-95 SB ONTO NEWLY CONSTRUCTED OUTSIDE WIDENING AND BRIDGE STAGE 1 (STA. 1370+00 TO 1404+50) AND **RESET** PCB ALONG INSIDE EDGE
- **REVISE** I-95 SB MARKINGS AND **RESET** PCB ALONG OUTSIDE STA. 1404+50 TO 1412+50
- **SWITCH** TRAFFIC FROM Y19TEMPRPB TO Y19RPB AND **RESET** PCB ALONG LEFT SIDE

UPON REVISING I-95 SB MARKINGS & TRAFFIC SWITCH TO Y19RPCA, BEHIND PCB, **CONSTRUCT** THE FOLLOWING:

- I-95 SB OUTSIDE WIDENING & Y19RPB GORE AREA (STA. 1405+15 TO 1414+50)
- REMOVAL OF Y19TEMPRPB

UPON SHIFTING I-95 SB TO OUTSIDE AND BEHIND PCB, **REVISE** MEDIAN TEMPORARY PAVEMENT STA. 1376+00 TO 1407+50 IN PREPARATION FOR I-95 NB SHIFT TO INSIDE AND BRIDGE STAGE 2 CONSTRUCTION OVER DEEP CULVERT AT STA. 1391+00.

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE IV**

**STEP 1: TMP-44 TO 44D**

IN A CONTINUOUS OPERATION, **SHIFT** I-95 NB TO INSIDE MEDIAN TEMPORARY PAVEMENT, **REVISE** EX Y19RPCA RAMP PAVEMENT MARKING AND **INSTALL/RESET** PCB ALONG INSIDE AND OUTSIDE EDGES.

UPON SHIFTING I-95 NB TRAFFIC TO INSIDE AND BEHIND PCB, PERFORM THE FOLLOWING:

- **BEGIN** BRIDGE STAGE 2 STA. 1391+00 AND APPROACHES
- **CONSTRUCT** PORTION OF LY19RPCA GORE AND Y19TEMPRPCA

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**STEP 2: TMP-45**

**SHIFT** Y19RPCA TRAFFIC TO NEWLY CONSTRUCTED LEFT SIDE/ Y19TEMPRPCA, **RESET** PCB ALONG RIGHT SIDE, AND **CONSTRUCT** Y19RPCA RIGHT SIDE.

**COMPLETE** THE FOLLOWING:

- BRIDGE STAGE 2 STA. 1391+00 AND APPROACHES

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

**PHASE V TMP-46 TO 46C**

IN A CONTINUOUS OPERATION, **SHIFT** I-95 NB ONTO NEWLY CONSTRUCTED OUTSIDE WIDENING AND BRIDGE STAGE 2 (STA. 1370+00 TO 1414+50), **RESET** PCB, AND **SWITCH** Y19RPCA TO PROPOSED RIGHT SIDE.

UPON SHIFTING TRAFFIC, **CONSTRUCT** THE FOLLOWING:

- I-95 PROPOSED MEDIAN STA. 1370+00 TO 1414+50 (END PROJ. LIMITS)
- BRIDGE STAGE 3 OVER DEEP CULVERT AT STA. 1391+00
- REMOVAL OF PORTION OF Y19TEMPRPCA TEMPORARY PAVEMENT

FOR THE ABOVE OPERATIONS, USE TEMPORARY LANE CLOSURES (RSD 1101.02) AS REQUIRED.

UPON COMPLETION OF ALL MEDIAN CONSTRUCTION THROUGHOUT THE ENTIRE PROJECT, PAVE THE FINAL SURFACE COURSE, INSTALL FINAL PAVEMENT MARKINGS, REMOVE ALL TRAFFIC CONTROL DEVICES, AND OPEN I-95 TO FINAL TRAFFIC PATTERN.

4/21/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP\_03K AREA 5 PHASE 2.5 NARRATIVE.dgn Caroline.Owings

PHASING NARRATIVE
AREA 5



PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 4
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

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Caroline.Owings



AREA 1
PHASE I STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4A
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

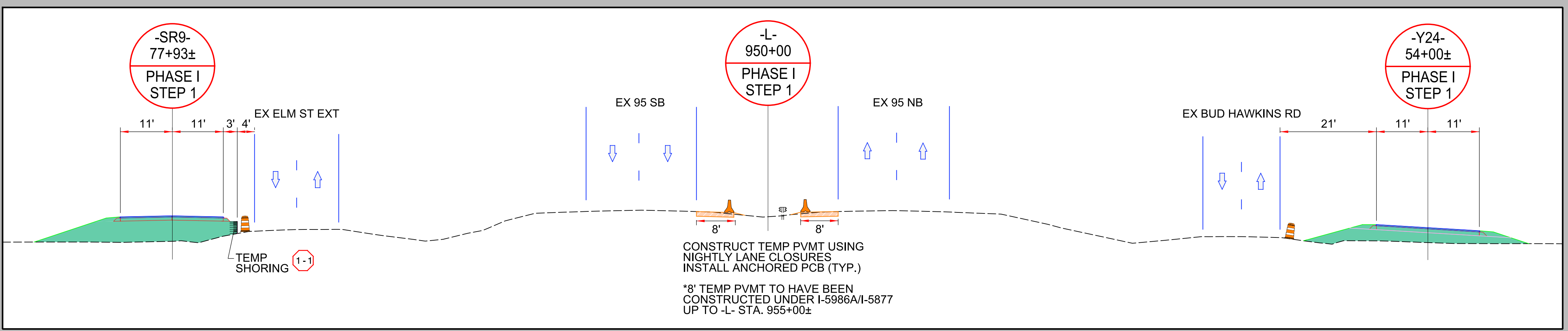
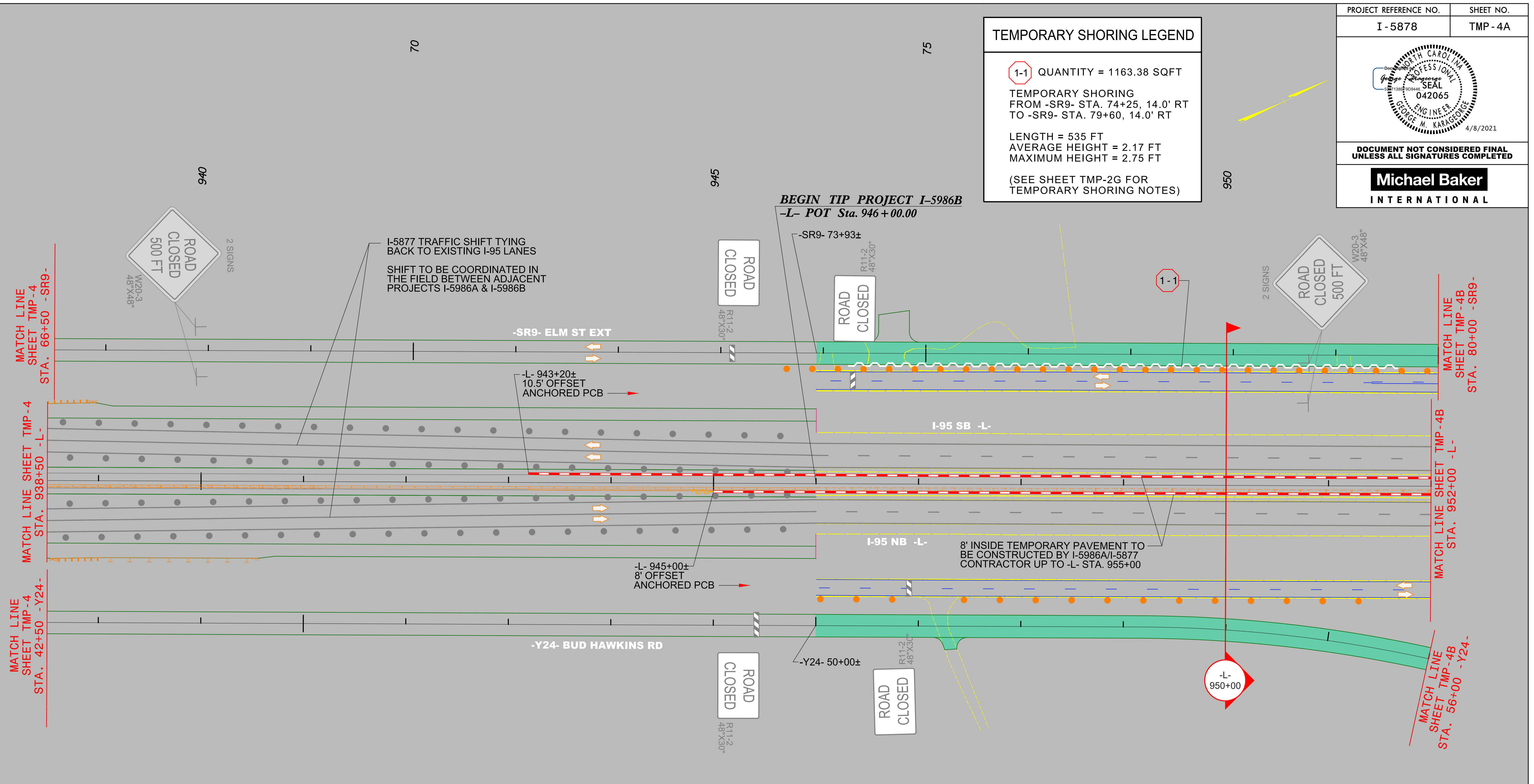
**TEMPORARY SHORING LEGEND**

1-1 QUANTITY = 11663.38 SQFT

TEMPORARY SHORING  
FROM -SR9- STA. 74+25, 14.0' RT  
TO -SR9- STA. 79+60, 14.0' RT

LENGTH = 535 FT  
AVERAGE HEIGHT = 2.17 FT  
MAXIMUM HEIGHT = 2.75 FT

(SEE SHEET TMP-2G FOR  
TEMPORARY SHORING NOTES)

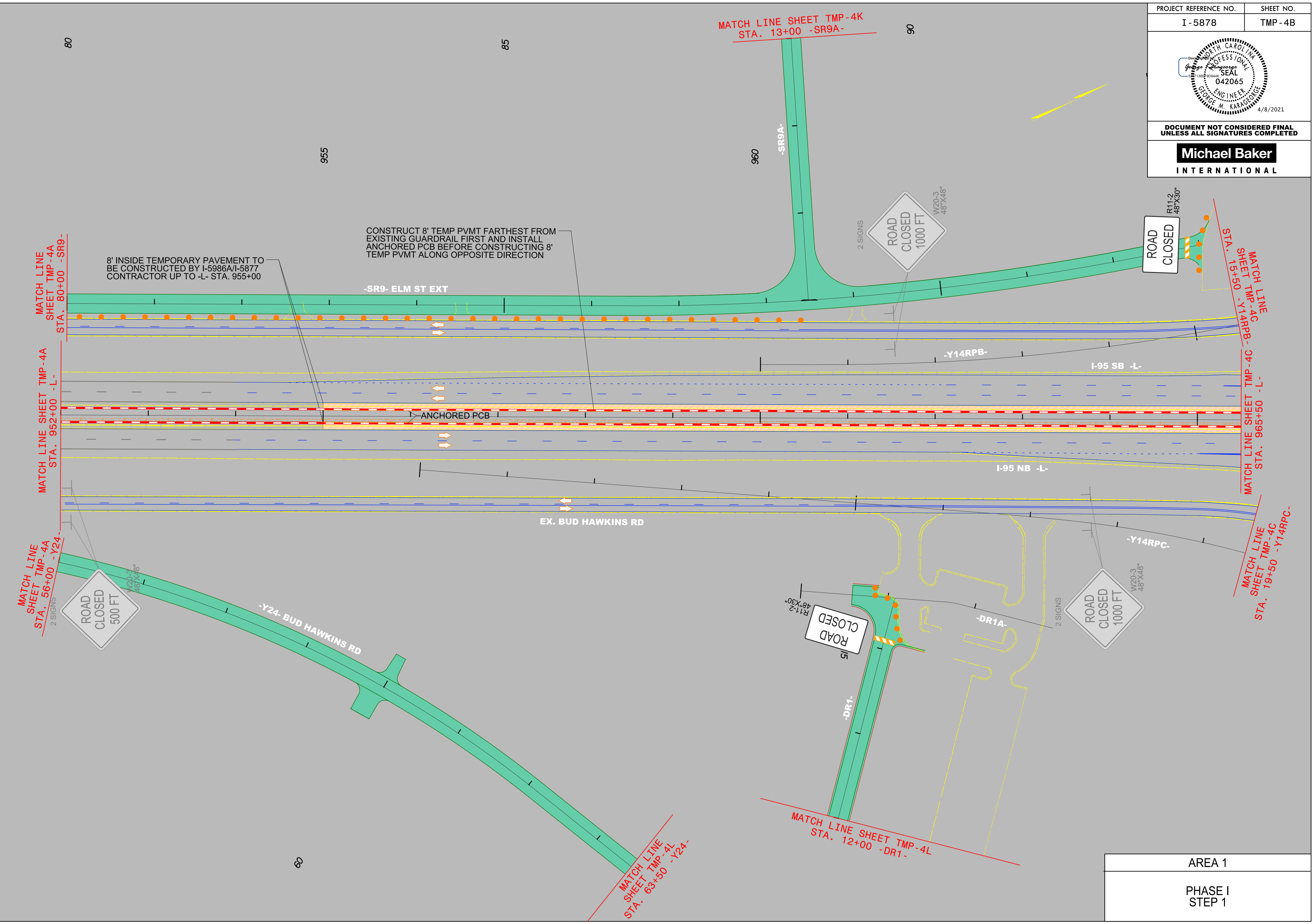


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55

AREA 1  
PHASE I  
STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4B
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 Carolina, Owings

AREA 1  
 PHASE I  
 STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4C

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**Michael Baker**  
INTERNATIONAL

**ICT**  
 SPRING BRANCH RD OVER I-95  
 ROAD CLOSURE WITH OFFSITE  
 DETOUR FOR REMOVAL AND  
 RECONSTRUCTION OF SPRING  
 BRANCH RD BRIDGE AND ALL  
 OTHER NECESSARY  
 CONSTRUCTION TO OPEN  
 INTERCHANGE.  
 SEE INTERMEDIATE CONTRACT  
 TIMES.

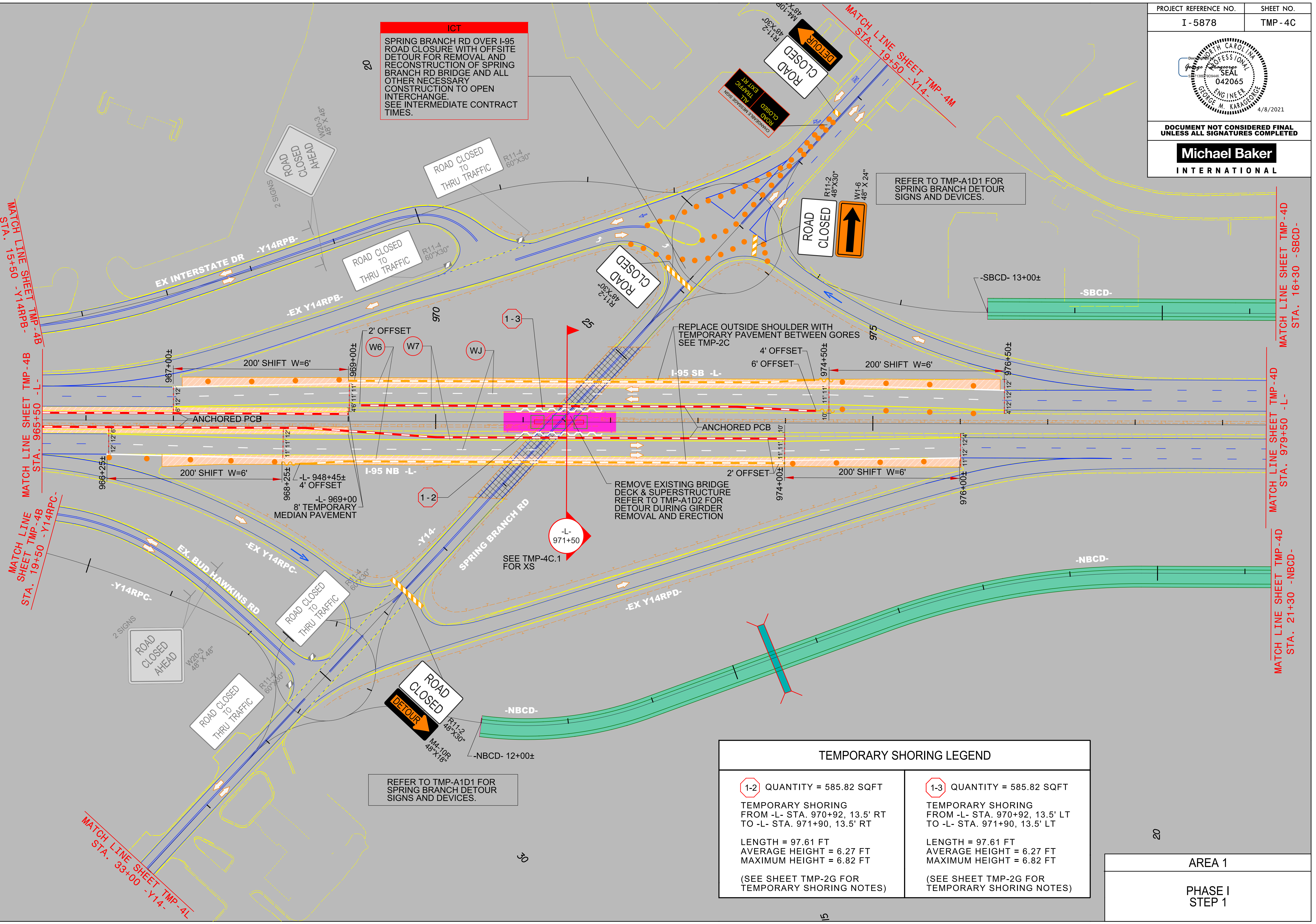
REFER TO TMP-A1D1 FOR  
 SPRING BRANCH DETOUR  
 SIGNS AND DEVICES.

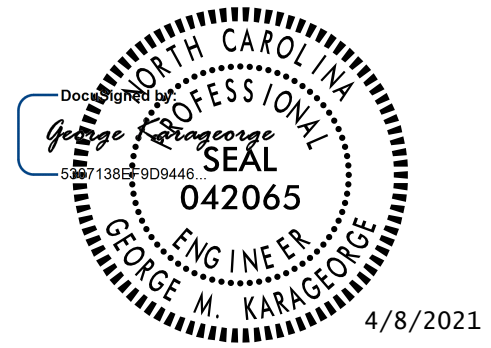
REFER TO TMP-A1D1 FOR  
 SPRING BRANCH DETOUR  
 SIGNS AND DEVICES.

TEMPORARY SHORING LEGEND	
<p><b>1-2</b> QUANTITY = 585.82 SQFT</p> <p>TEMPORARY SHORING                      FROM -L- STA. 970+92, 13.5' RT                      TO -L- STA. 971+90, 13.5' RT</p> <p>LENGTH = 97.61 FT                      AVERAGE HEIGHT = 6.27 FT                      MAXIMUM HEIGHT = 6.82 FT</p> <p>(SEE SHEET TMP-2G FOR                      TEMPORARY SHORING NOTES)</p>	<p><b>1-3</b> QUANTITY = 585.82 SQFT</p> <p>TEMPORARY SHORING                      FROM -L- STA. 970+92, 13.5' LT                      TO -L- STA. 971+90, 13.5' LT</p> <p>LENGTH = 97.61 FT                      AVERAGE HEIGHT = 6.27 FT                      MAXIMUM HEIGHT = 6.82 FT</p> <p>(SEE SHEET TMP-2G FOR                      TEMPORARY SHORING NOTES)</p>

AREA 1  
 PHASE I  
 STEP 1

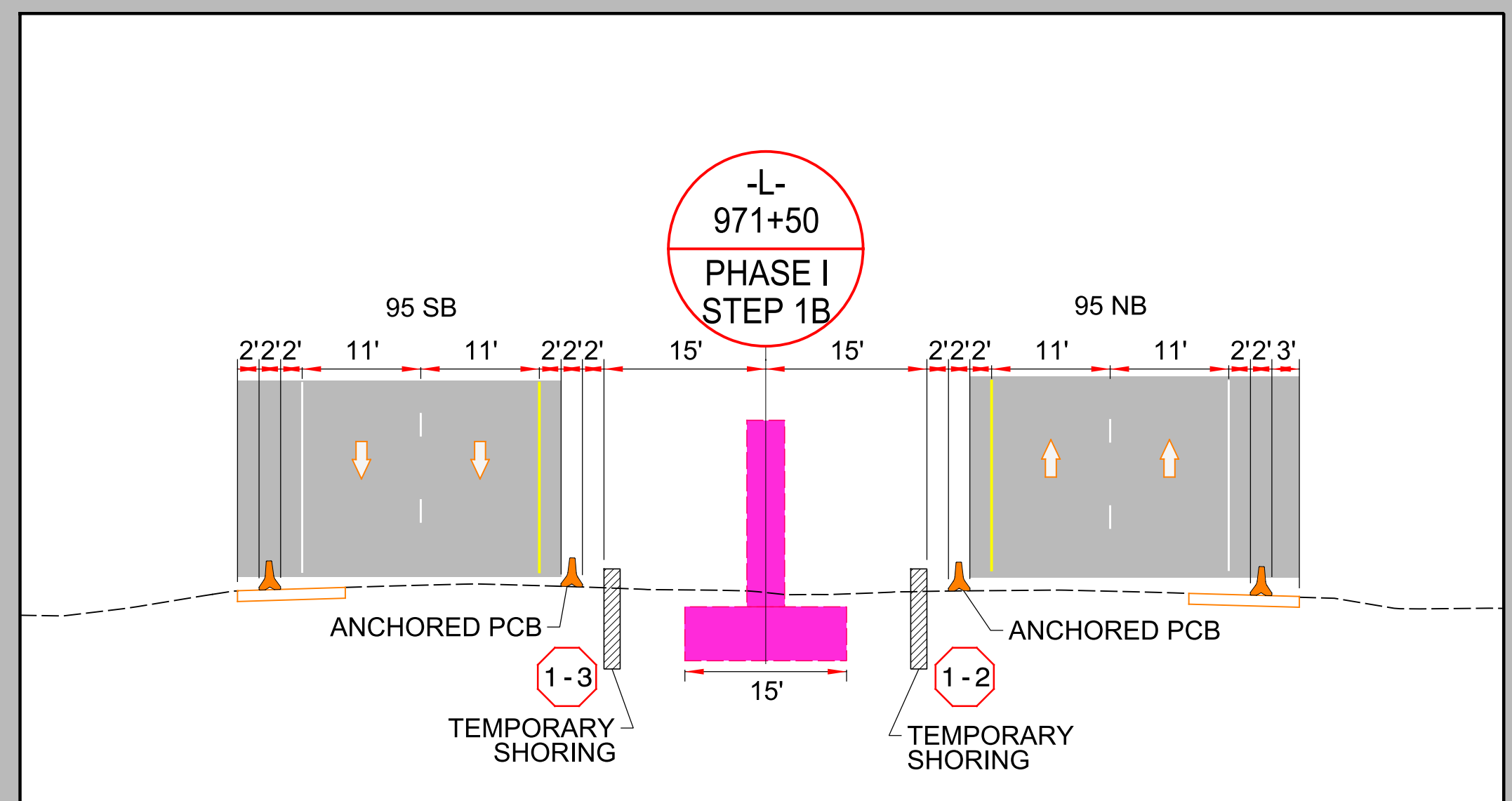
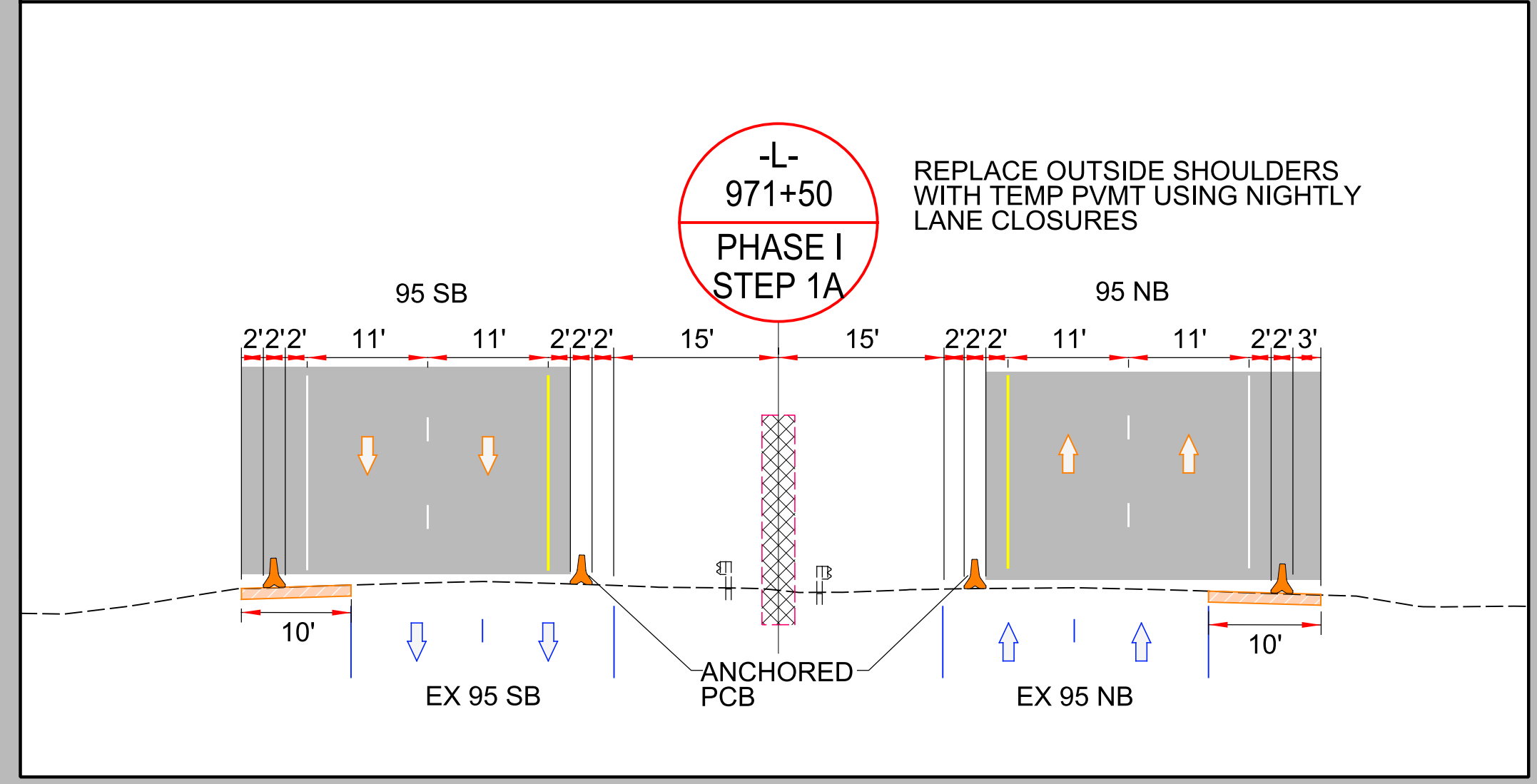
4/1/2021  
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 Carolin.e.dwg



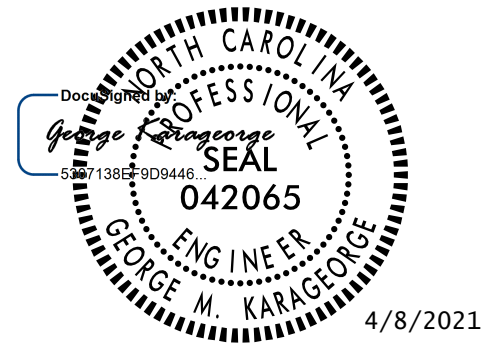


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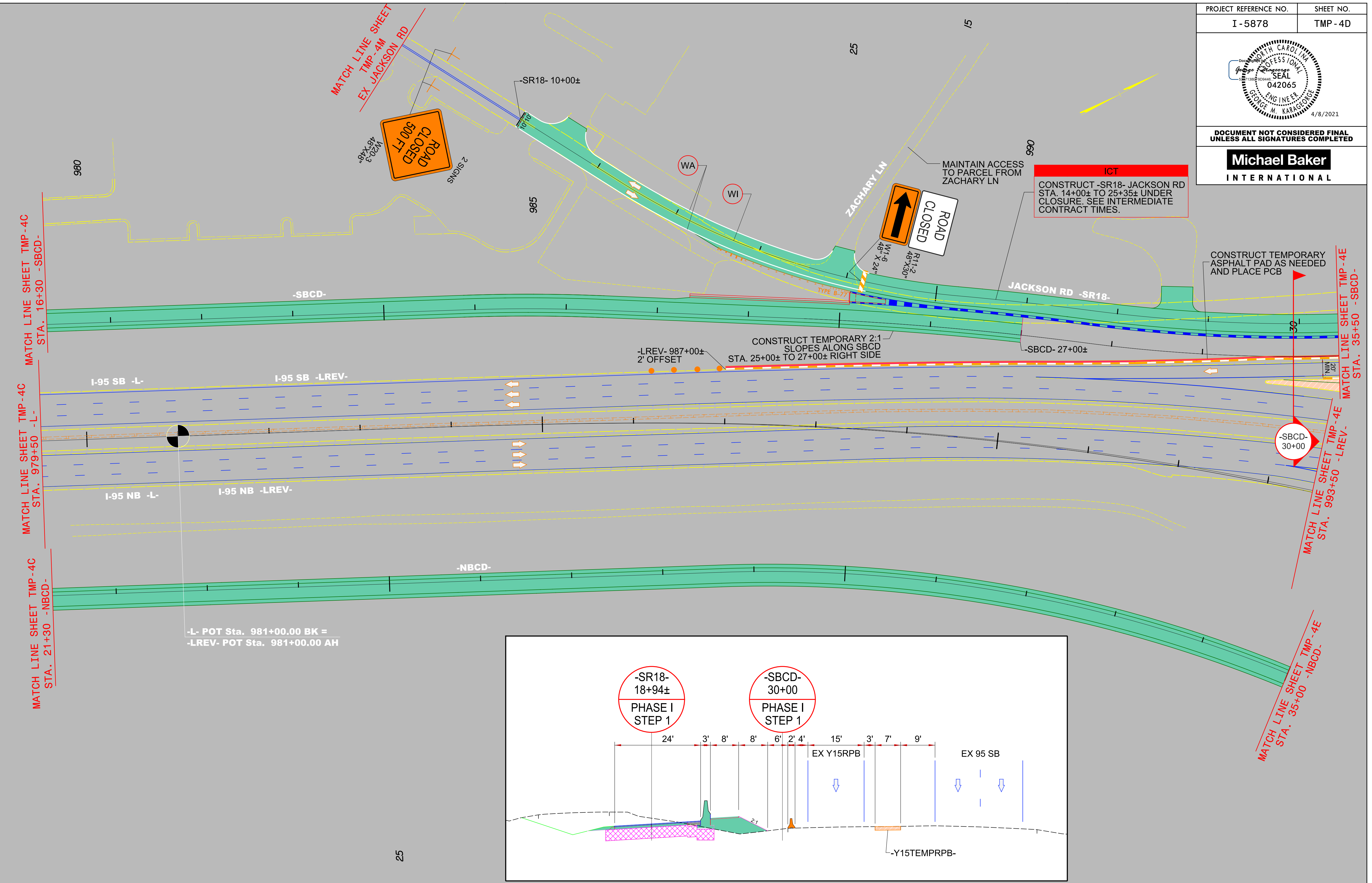


AREA 1  
PHASE I  
STEP 1



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MATCH LINE SHEET TMP - 4C  
STA. 16+30 - SBCD-

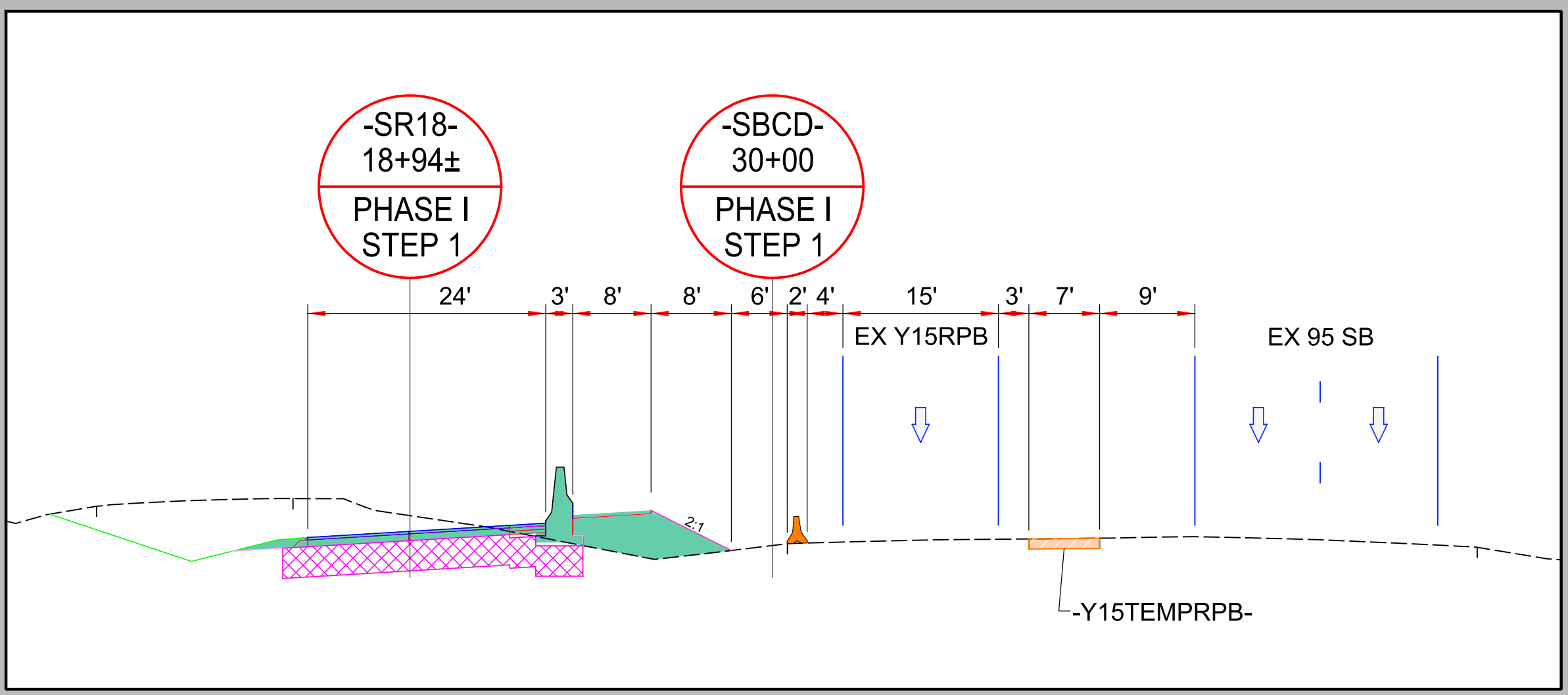
MATCH LINE SHEET TMP - 4C  
STA. 979+50 - L-

MATCH LINE SHEET TMP - 4C  
STA. 21+30 - NBCD-

MATCH LINE SHEET TMP - 4E  
STA. 35+50 - SBCD-

MATCH LINE SHEET TMP - 4E  
STA. 998+50 - LREV-

MATCH LINE SHEET TMP - 4E  
STA. 35+00 - NBCD-



-L- POT Sta. 981+00.00 BK =  
-LREV- POT Sta. 981+00.00 AH

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AREA 1  
PHASE I  
STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 4E

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**ICT**  
CONSTRUCT -SR18- JACKSON RD  
STA. 14+00± TO 25+35± UNDER  
CLOSURE. SEE INTERMEDIATE  
CONTRACT TIMES.

**TEMPORARY SHORING LEGEND**

1-4 QUANTITY = 378.0 SQFT  
TEMPORARY SHORING  
FROM -LREV- STA. 1002+00, 21.0' LT  
TO -LREV- STA. 1002+35, 21.0' LT  
LENGTH = 35.00 FT  
AVERAGE HEIGHT = 10.8 FT  
MAXIMUM HEIGHT = 14.5 FT  
(SEE SHEET TMP-2G1 FOR  
TEMPORARY SHORING NOTES)

**TEMPORARY SHORING LEGEND**

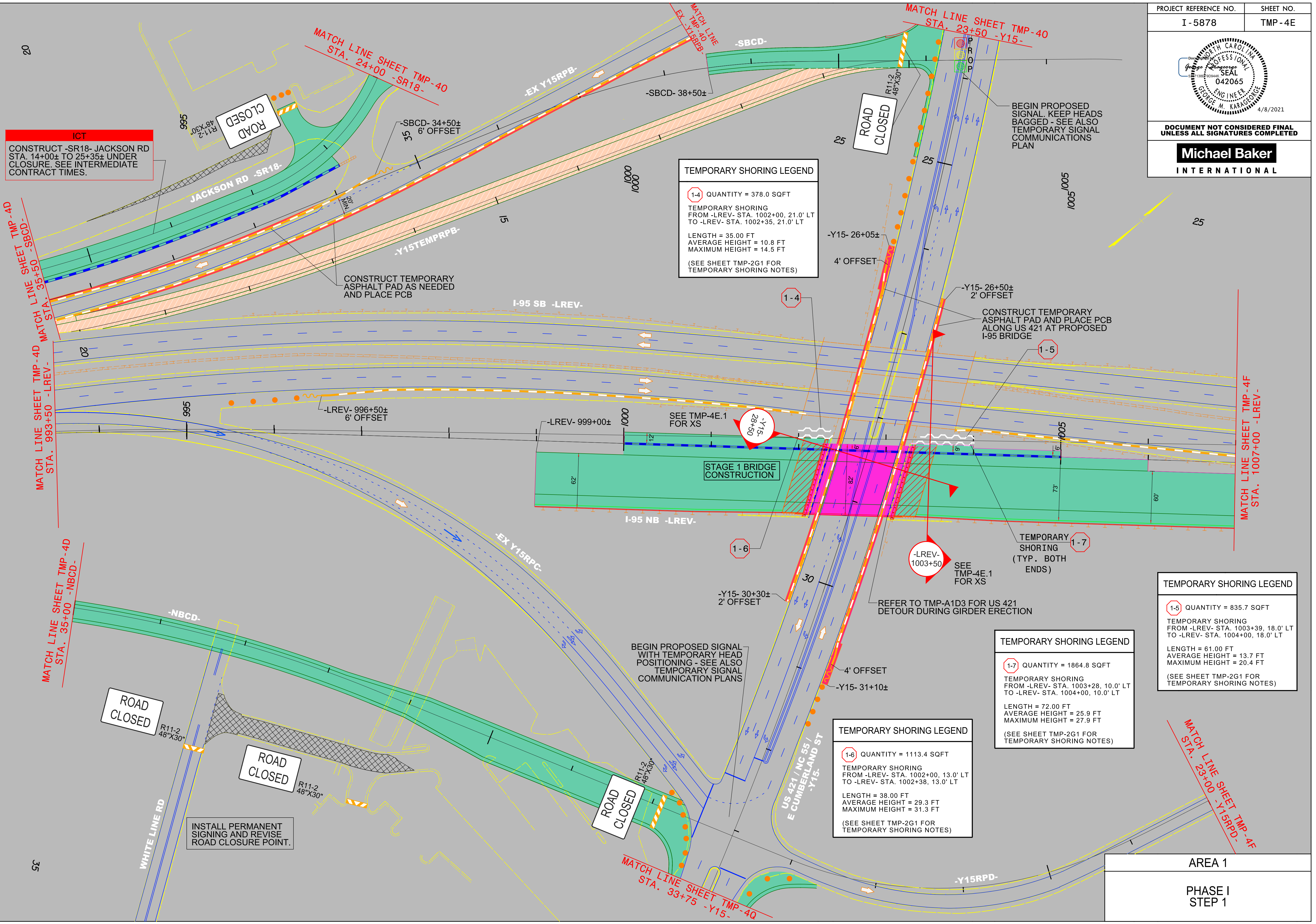
1-5 QUANTITY = 835.7 SQFT  
TEMPORARY SHORING  
FROM -LREV- STA. 1003+39, 18.0' LT  
TO -LREV- STA. 1004+00, 18.0' LT  
LENGTH = 61.00 FT  
AVERAGE HEIGHT = 13.7 FT  
MAXIMUM HEIGHT = 20.4 FT  
(SEE SHEET TMP-2G1 FOR  
TEMPORARY SHORING NOTES)

**TEMPORARY SHORING LEGEND**

1-7 QUANTITY = 1864.8 SQFT  
TEMPORARY SHORING  
FROM -LREV- STA. 1003+28, 10.0' LT  
TO -LREV- STA. 1004+00, 10.0' LT  
LENGTH = 72.00 FT  
AVERAGE HEIGHT = 25.9 FT  
MAXIMUM HEIGHT = 27.9 FT  
(SEE SHEET TMP-2G1 FOR  
TEMPORARY SHORING NOTES)

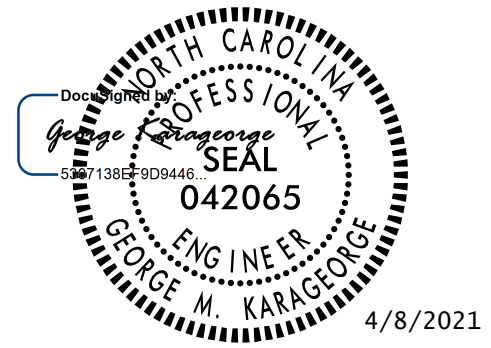
**TEMPORARY SHORING LEGEND**

1-6 QUANTITY = 1113.4 SQFT  
TEMPORARY SHORING  
FROM -LREV- STA. 1002+00, 13.0' LT  
TO -LREV- STA. 1002+38, 13.0' LT  
LENGTH = 38.00 FT  
AVERAGE HEIGHT = 29.3 FT  
MAXIMUM HEIGHT = 31.3 FT  
(SEE SHEET TMP-2G1 FOR  
TEMPORARY SHORING NOTES)



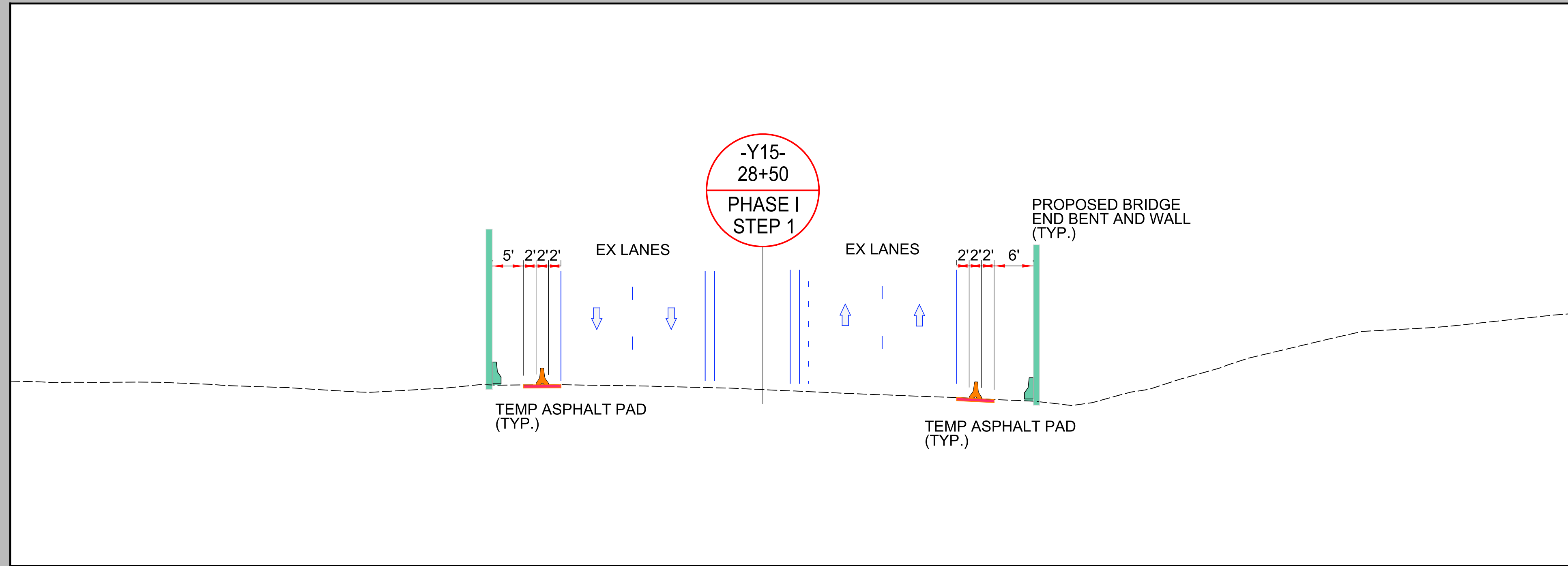
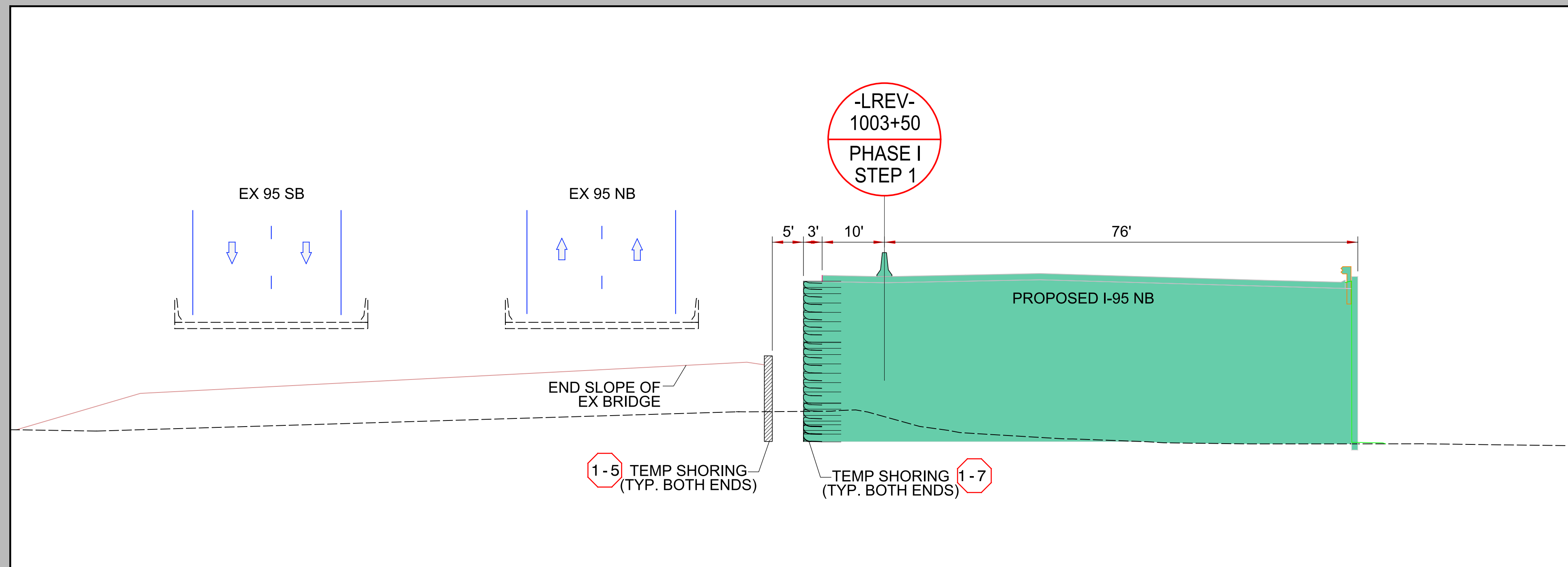
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Caroline Owings

AREA 1  
PHASE I  
STEP 1



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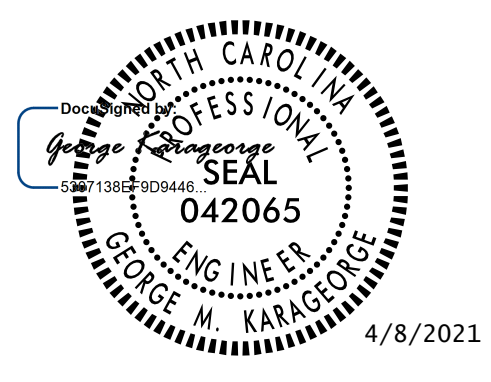
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AREA 1
PHASE I STEP 1

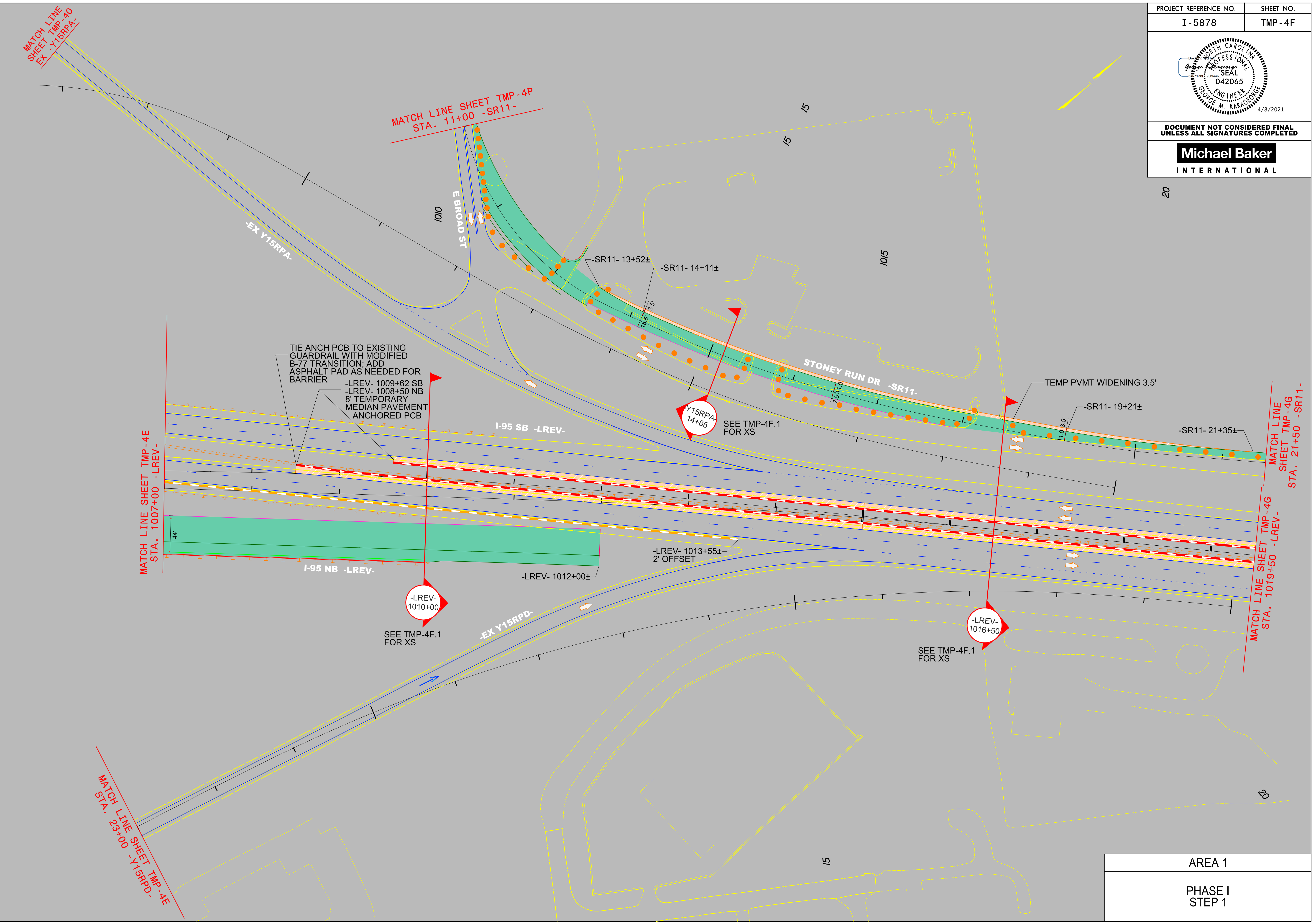




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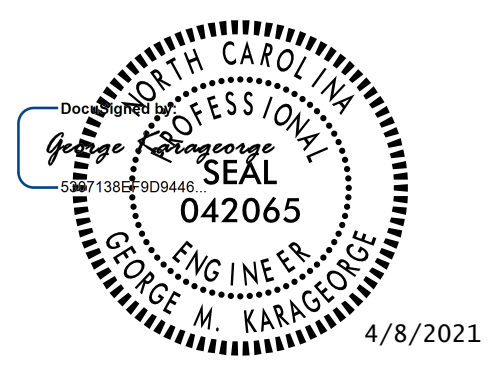
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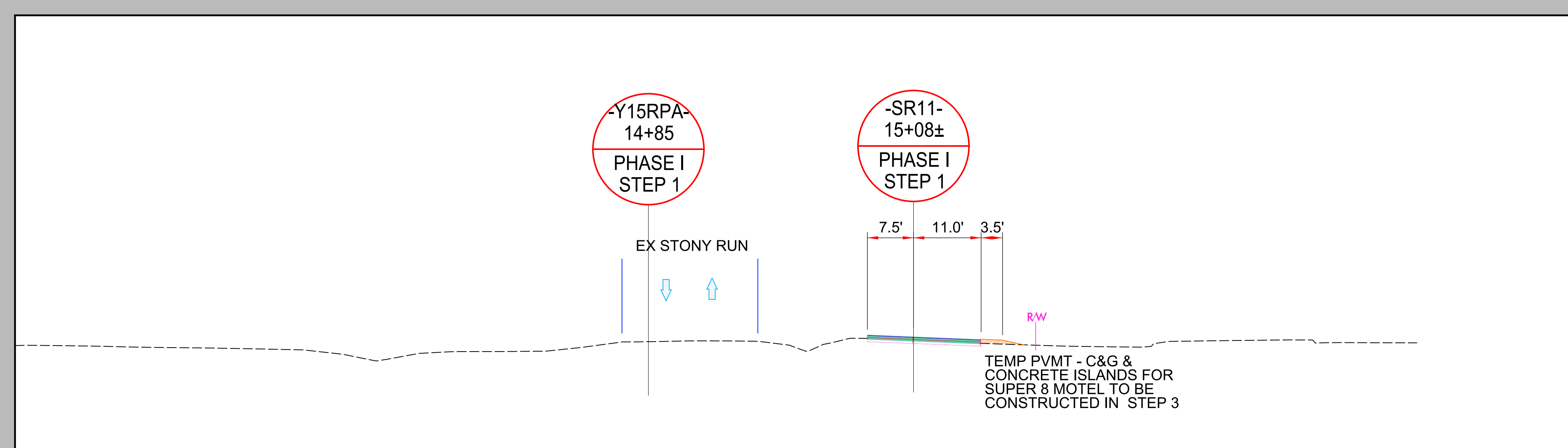
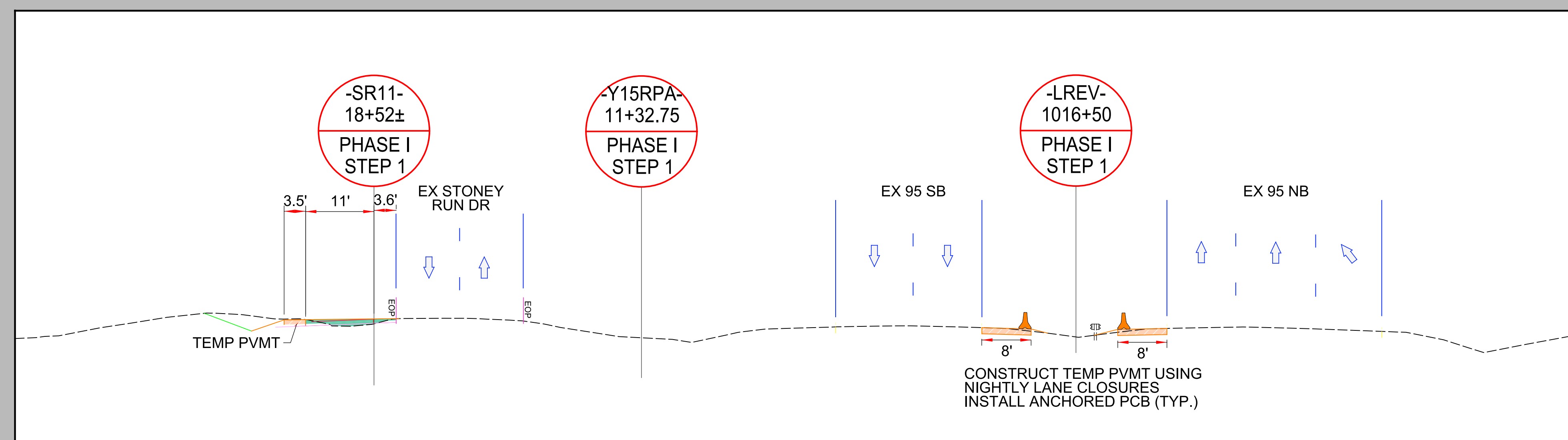
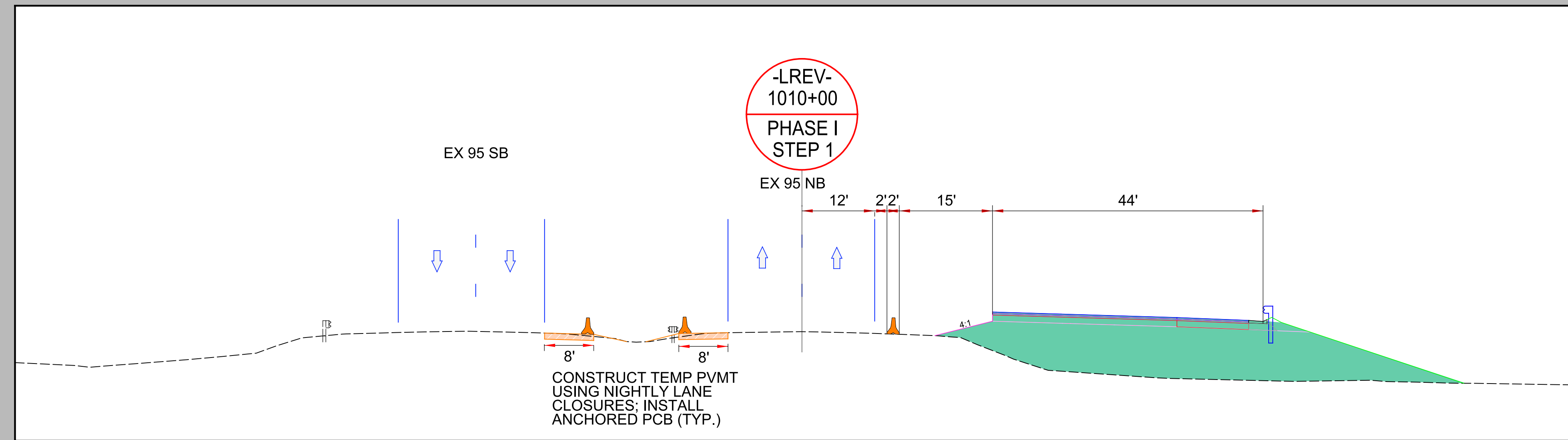
4/1/2021  
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Caroline.Owings

AREA 1
PHASE I STEP 1



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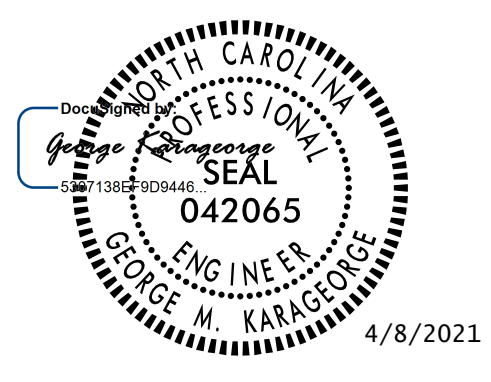
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AREA 1
PHASE I STEP 1

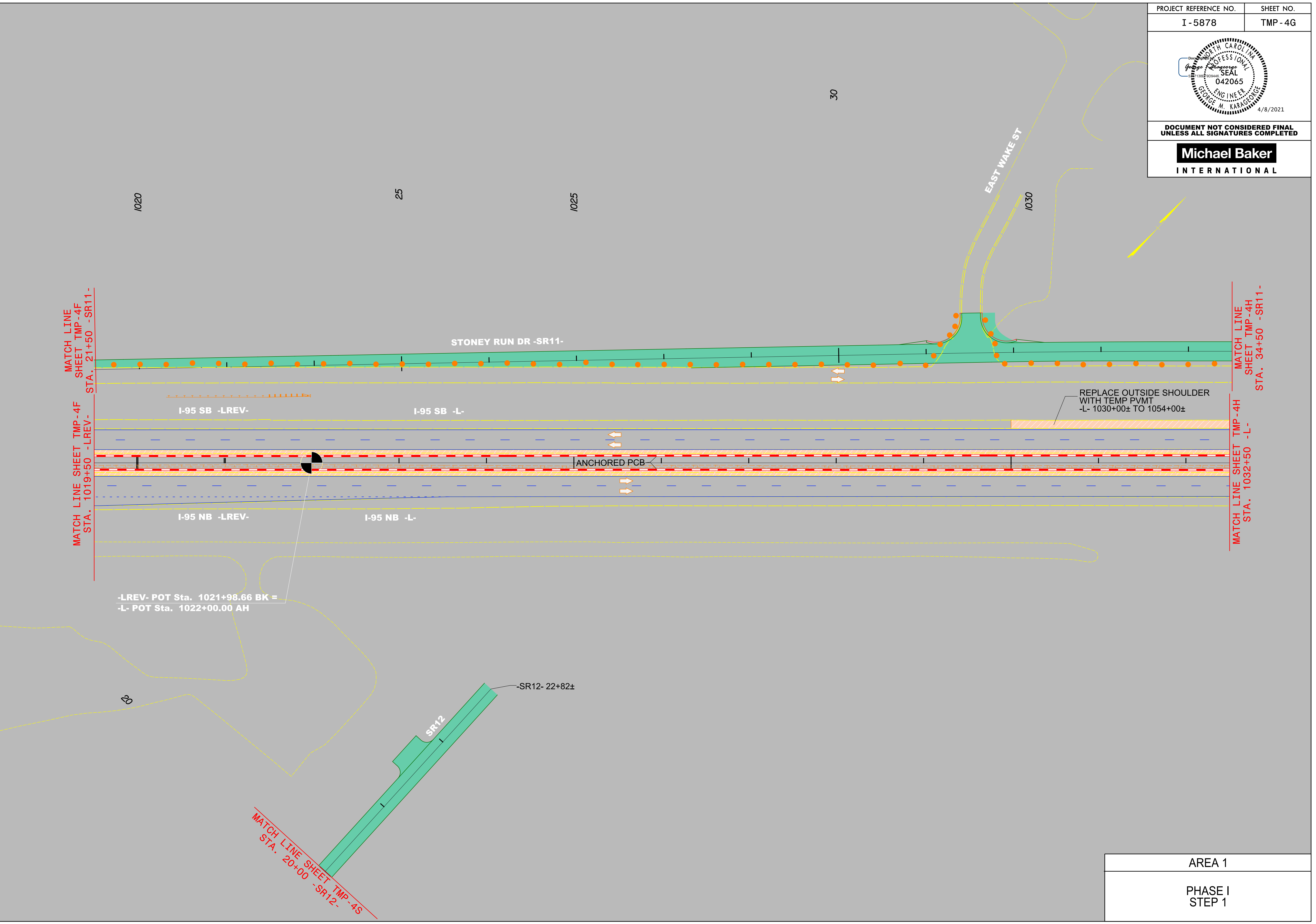
PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4G



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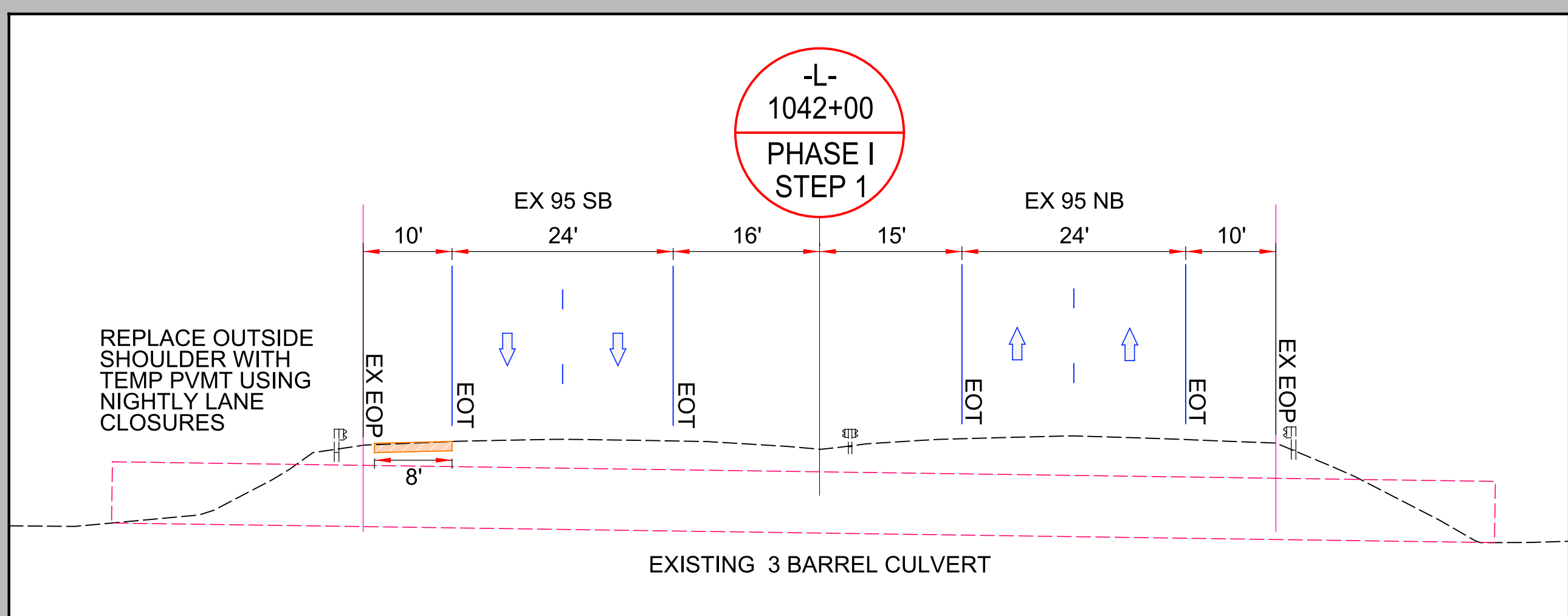
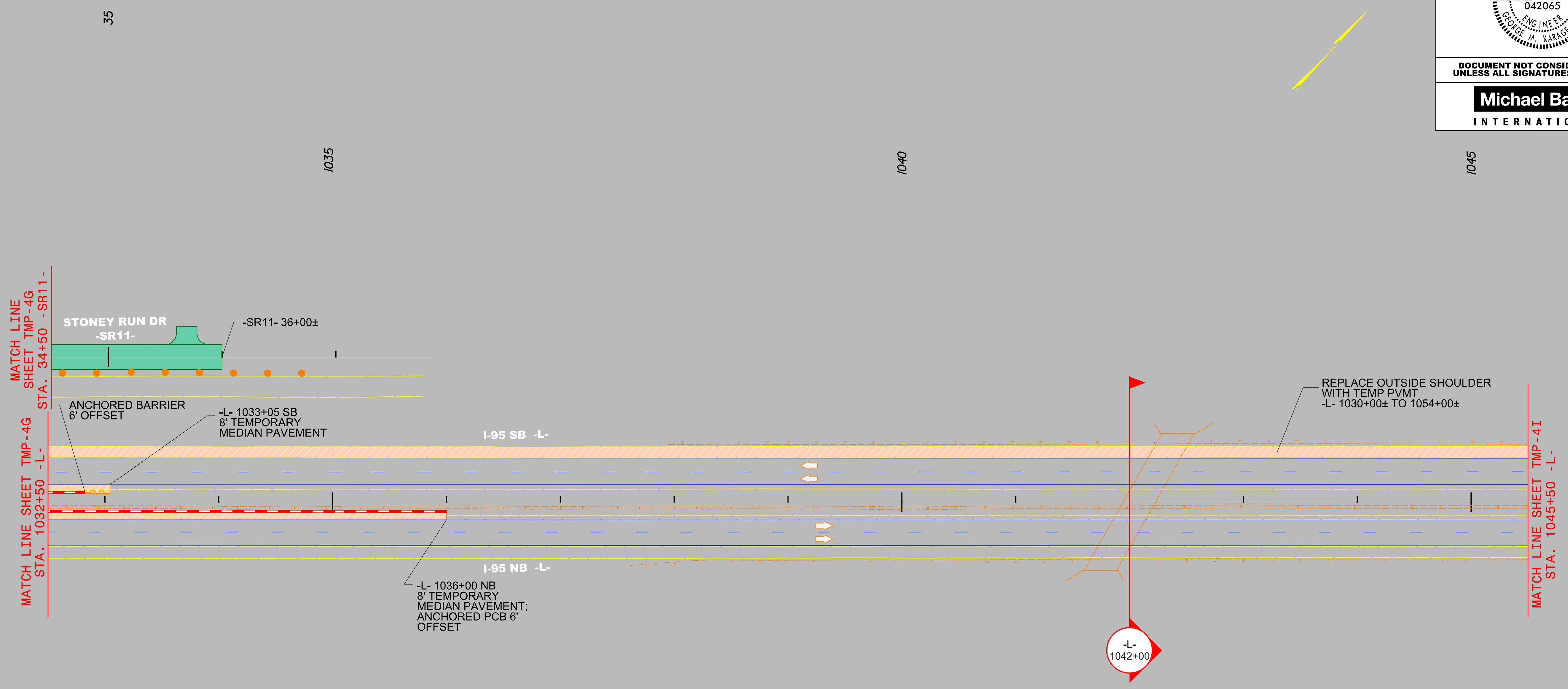
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AREA 1
PHASE I STEP 1

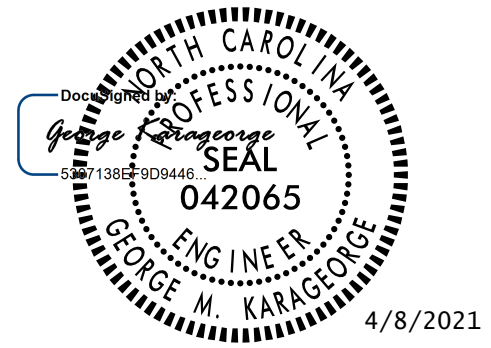
PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4H
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



AREA 1  
PHASE I  
STEP 1

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PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4I

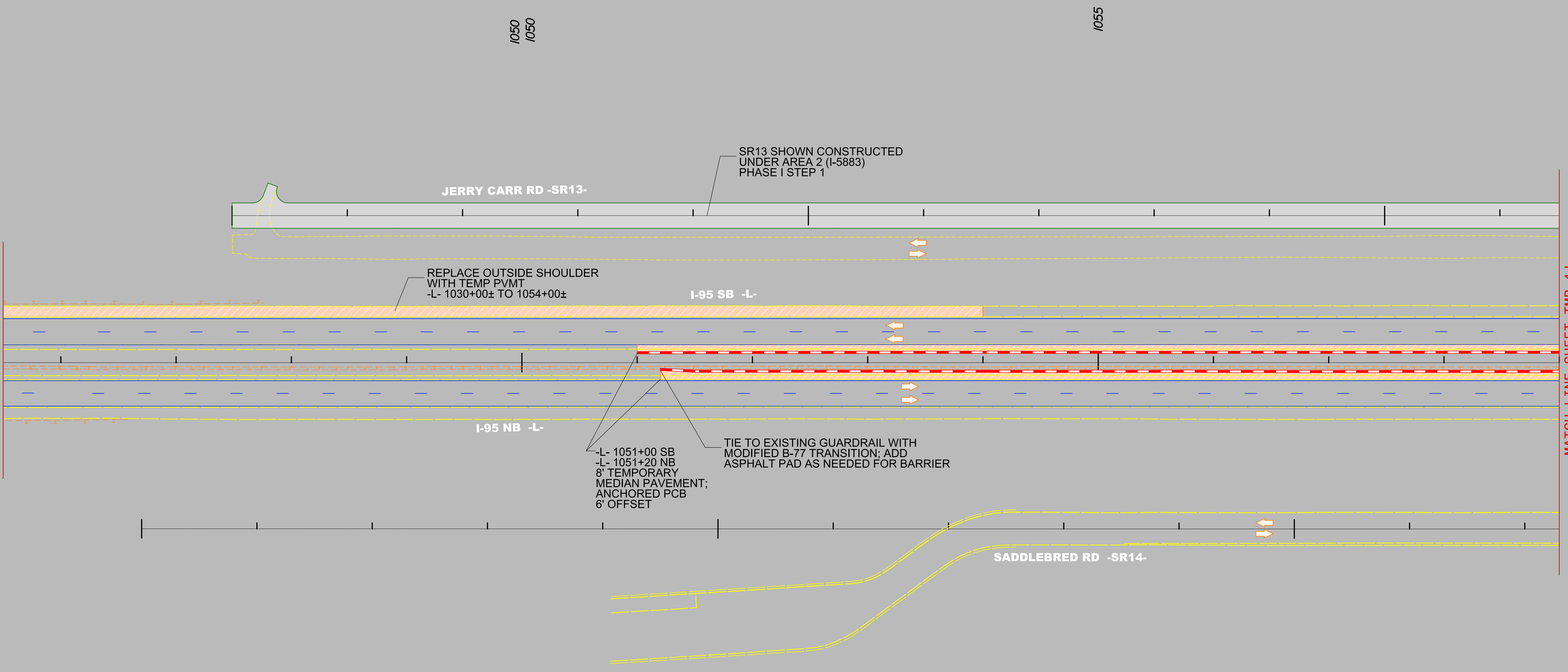


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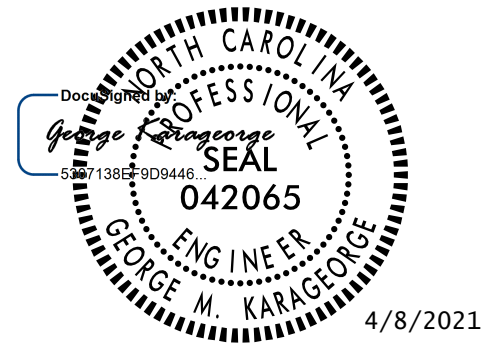
MATCH LINE SHEET TMP-4H  
STA. 1045+50 -L-

MATCH LINE SHEET TMP-4J  
STA. 1059+00 -L-



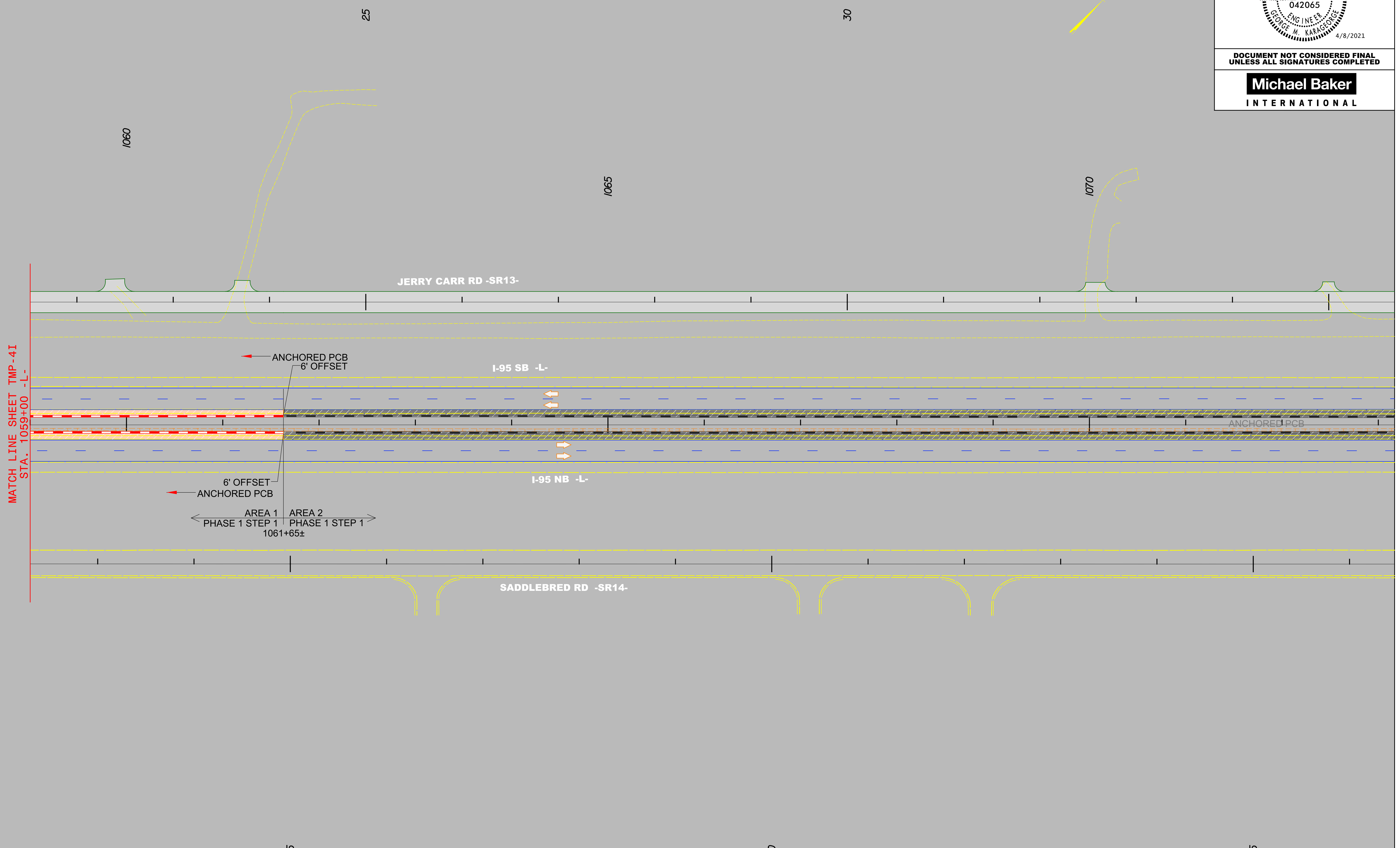
AREA 1
PHASE I STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4J



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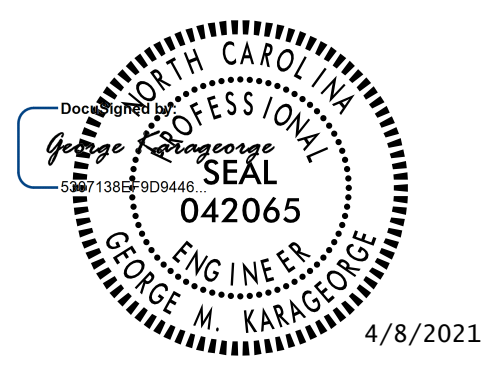
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AREA 1
PHASE I STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4K



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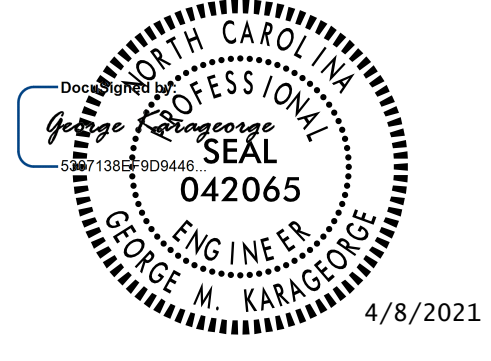
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AREA 1
PHASE I STEP 1

PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 4L



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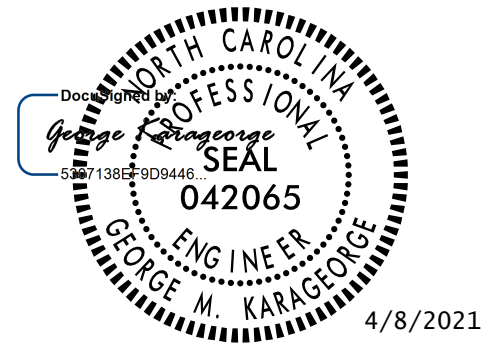


AREA 1
PHASE I STEP 1

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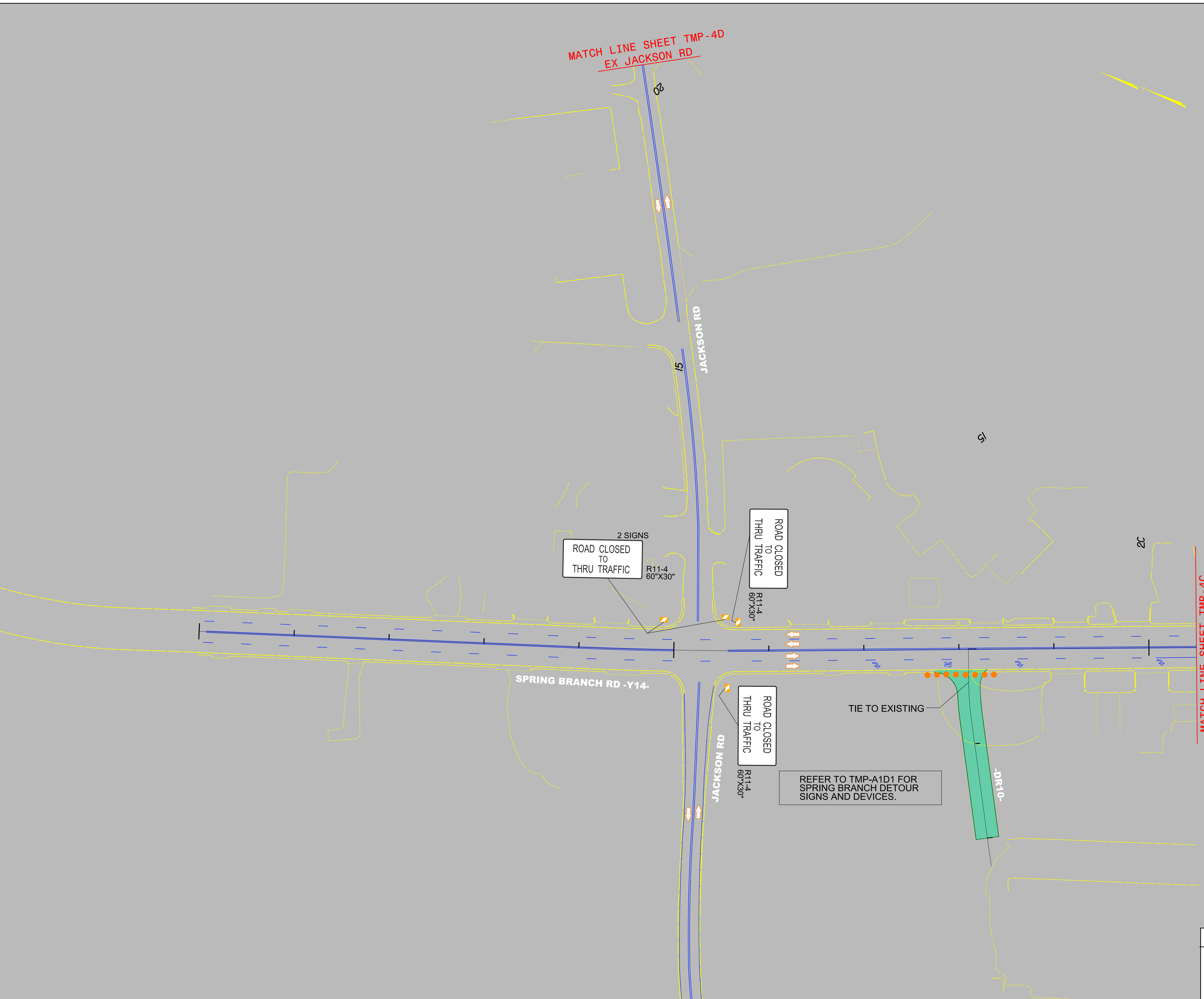
PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 4M



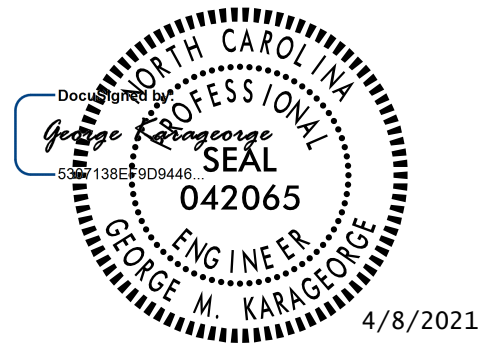
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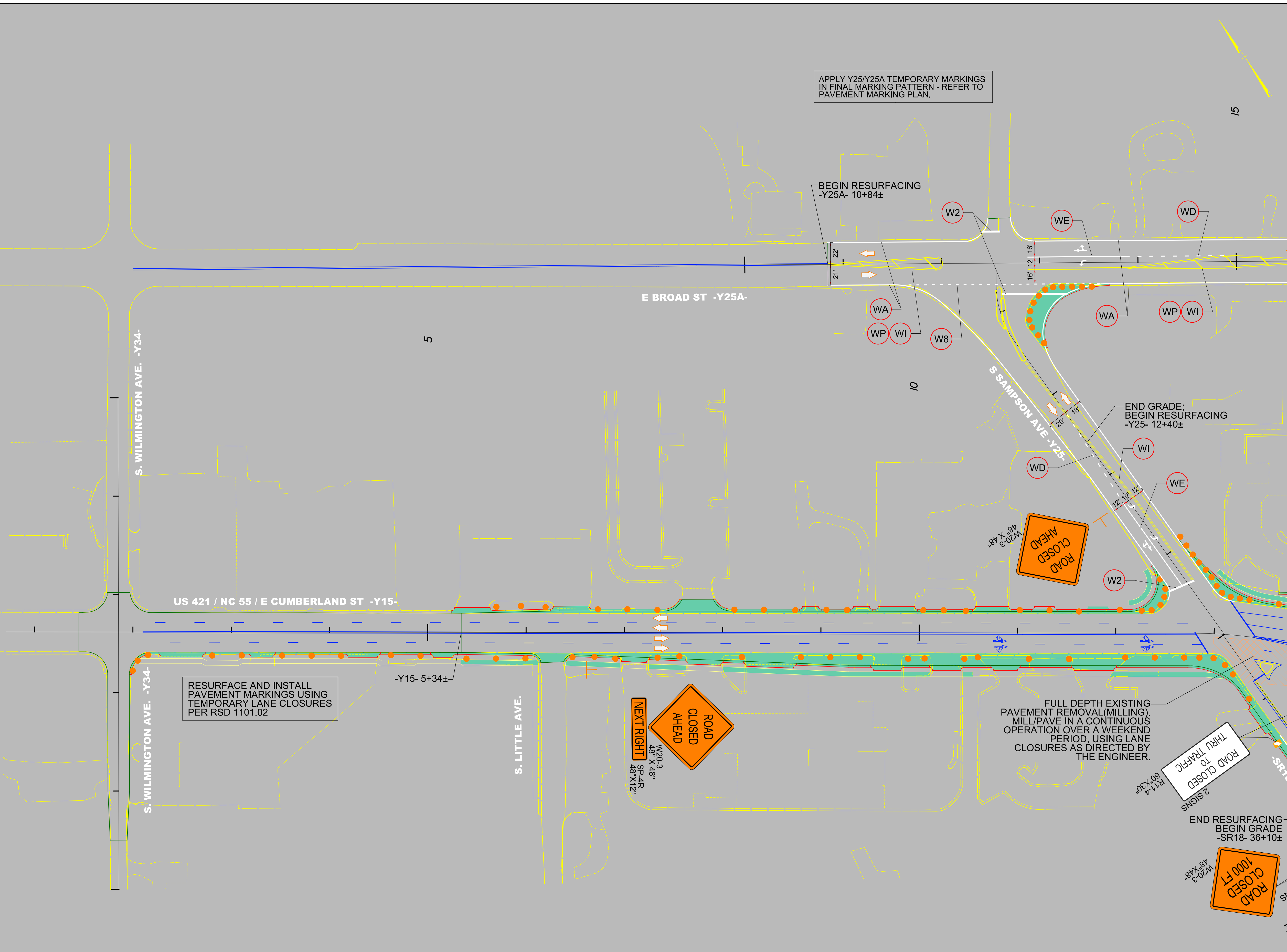
AREA 1
PHASE I STEP 1



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APPLY Y25/Y25A TEMPORARY MARKINGS  
IN FINAL MARKING PATTERN - REFER TO  
PAVEMENT MARKING PLAN.

BEGIN RESURFACING  
-Y25A- 10+84±

END GRADE:  
BEGIN RESURFACING  
-Y25- 12+40±

RESURFACE AND INSTALL  
PAVEMENT MARKINGS USING  
TEMPORARY LANE CLOSURES  
PER RSD 1101.02

FULL DEPTH EXISTING  
PAVEMENT REMOVAL (MILLING).  
MILL/PAVE IN A CONTINUOUS  
OPERATION OVER A WEEKEND  
PERIOD, USING LANE  
CLOSURES AS DIRECTED BY  
THE ENGINEER.

MATCH LINE SHEET TMP-4P  
STA. 16+00 -Y25-

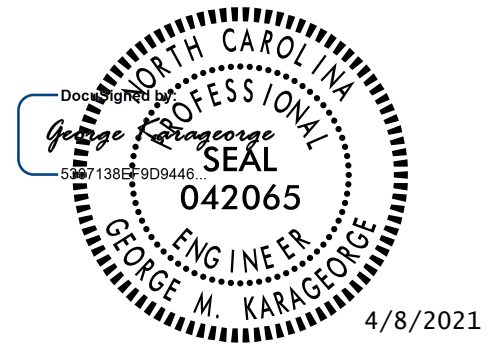
MATCH LINE SHEET TMP-4O  
STA. 14+50 -Y15-

MATCH LINE SHEET TMP-4O  
STA. 35+00 -SR18-

AREA 1  
PHASE I  
STEP 1



PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 4P



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APPLY Y25A TEMPORARY MARKINGS  
IN FINAL MARKING PATTERN - REFER  
TO PAVEMENT MARKING PLAN.

MATCH LINE SHEET TMP-4N  
STA. 16+00 - Y25-

MATCH LINE SHEET TMP-4O  
EX S LEE AVE

END RESURFACING  
BEGIN GRADE  
-SR11- 10+50±

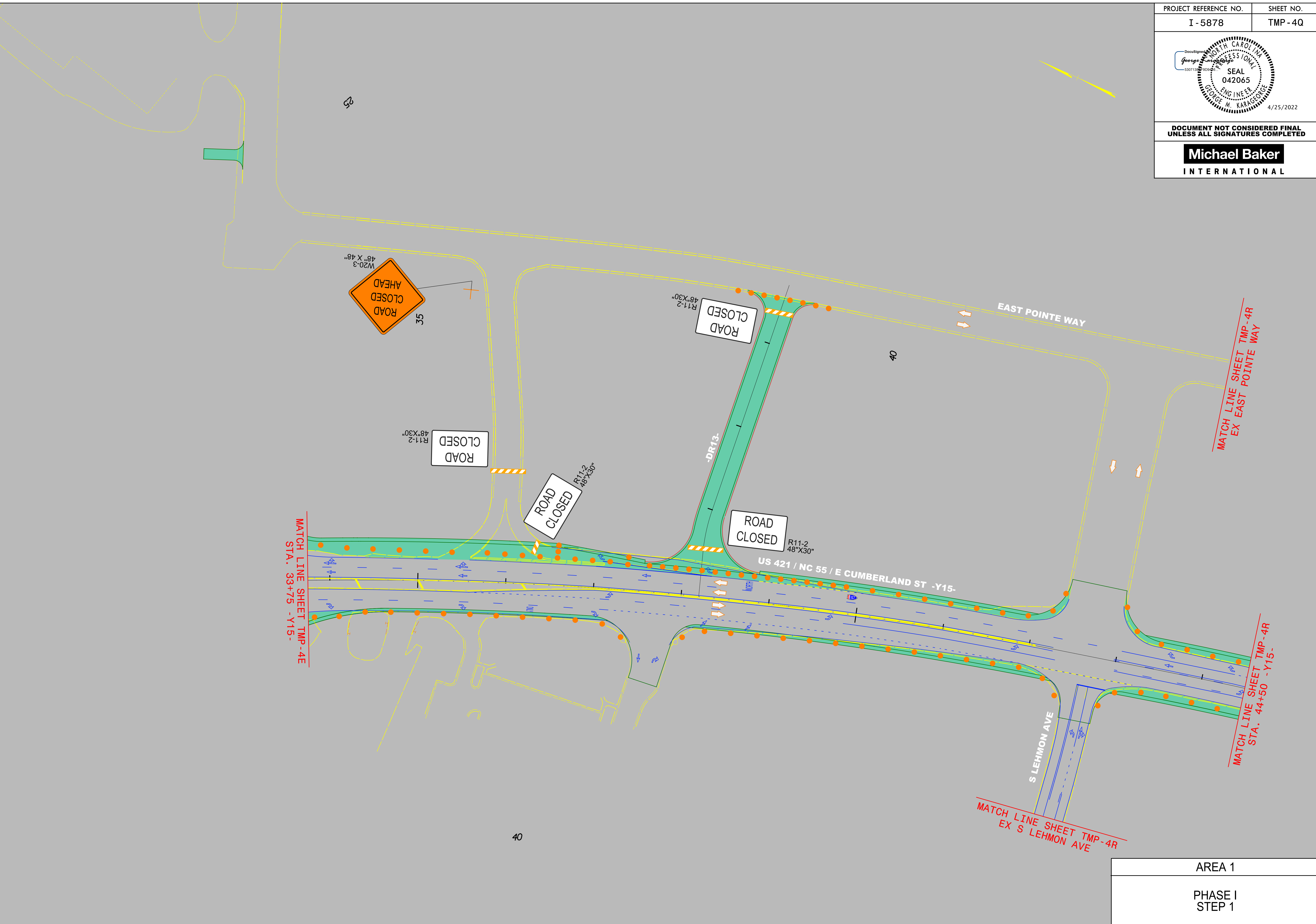
MATCH LINE SHEET TMP-4F  
STA. 11+00 -SR11-

AREA 1
PHASE I STEP 1

3/9/2022  
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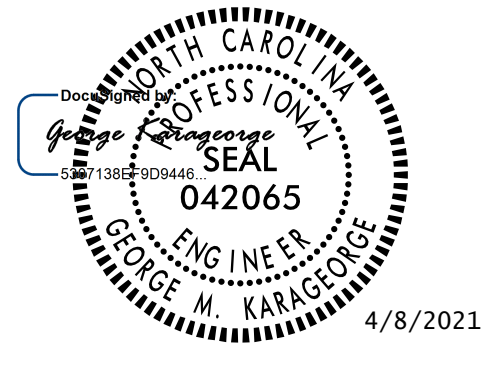
REVISIONS		REVISOR	CHECKED BY
NO.	DATE	DESCRIPTION	
1	03-09-2022	PROPOSED DR13 ADDED	CEO
			GMK

PROJECT REFERENCE NO. I - 5878	SHEET NO. TMP - 4Q
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<b>Michael Baker</b> INTERNATIONAL	



AREA 1  
 PHASE I  
 STEP 1

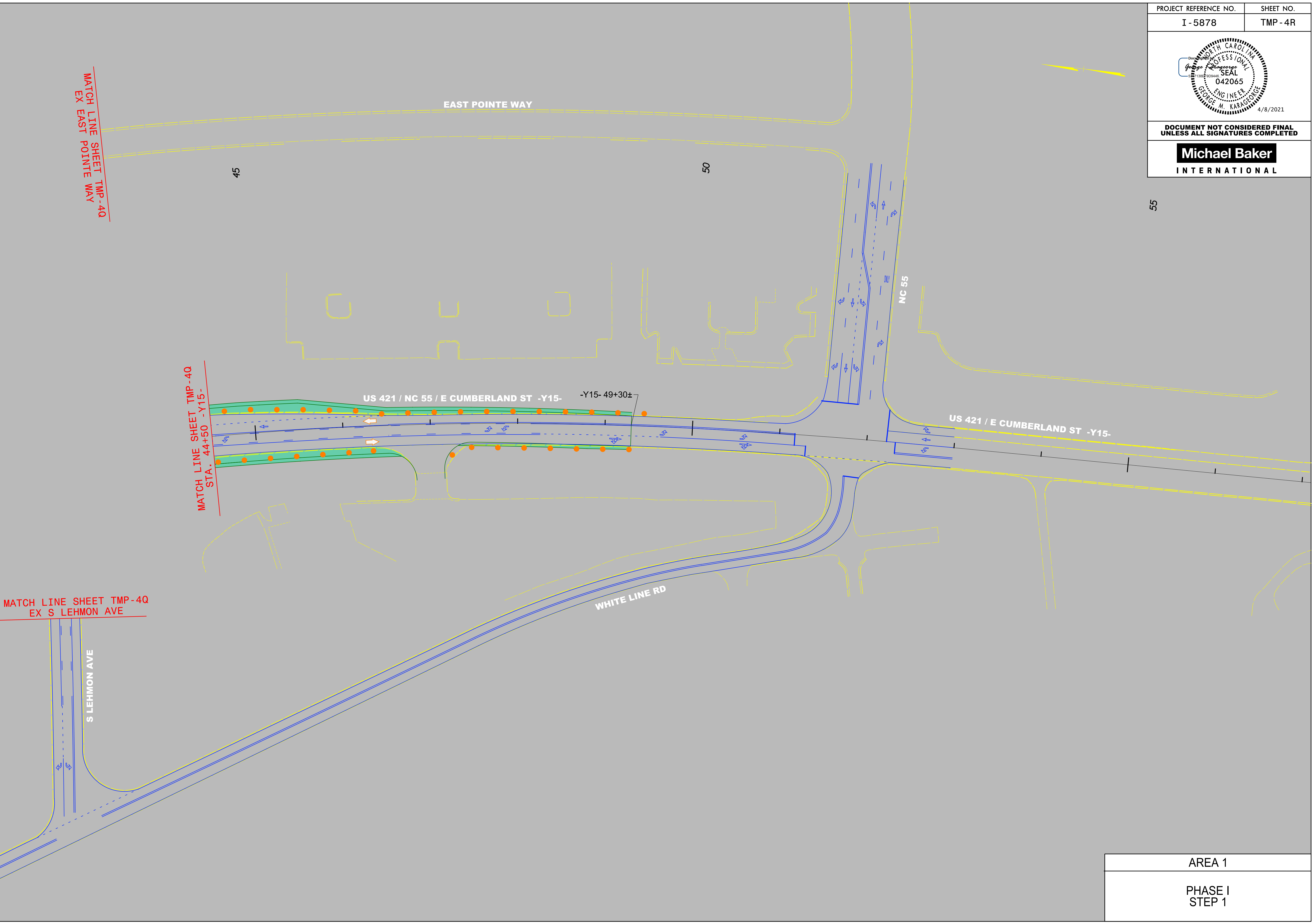
PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 4R



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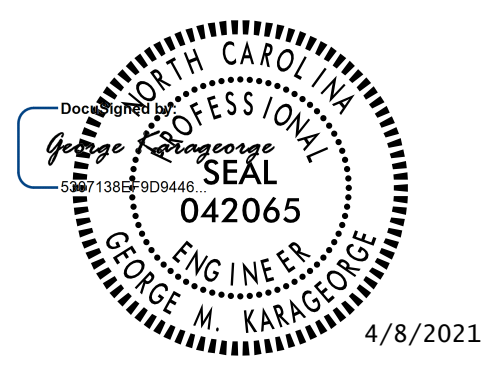
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AREA 1
PHASE I STEP 1

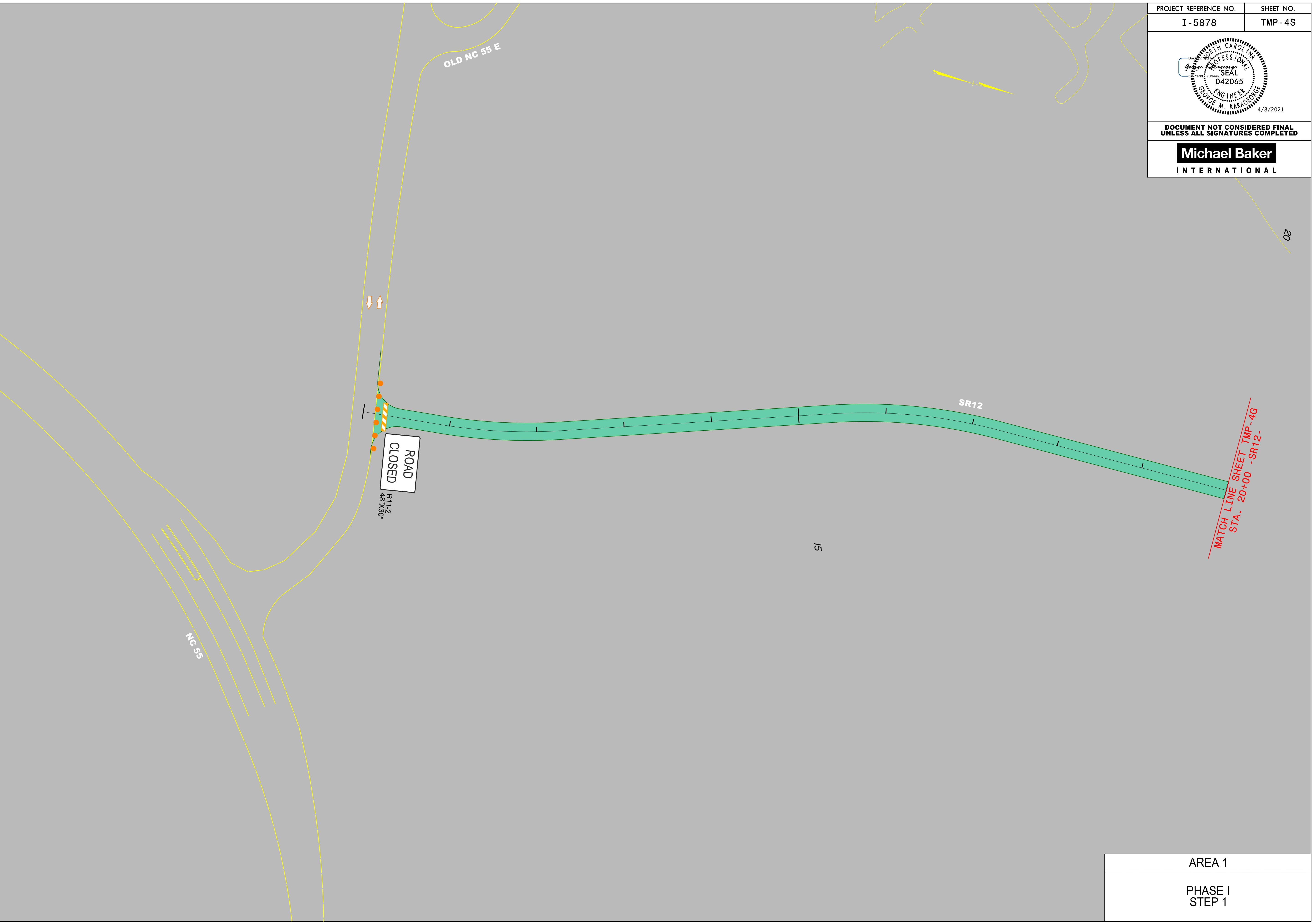
PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-4S



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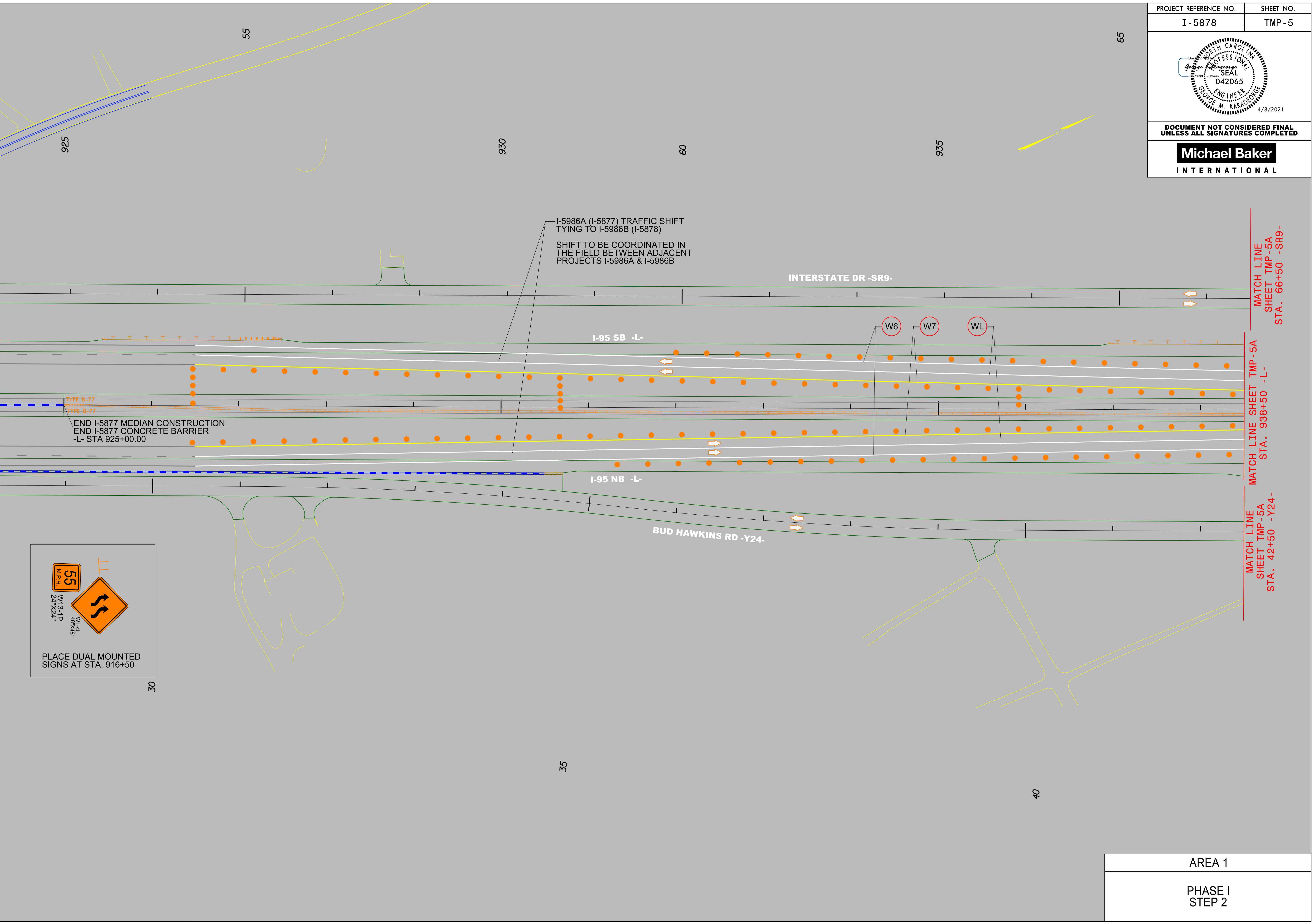
4/1/2021  
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Caroline.Owings



AREA 1
PHASE I STEP 1

MATCH LINE SHEET TMP-4G  
STA. 20+00 -SR12-

PROJECT REFERENCE NO. I - 5878	SHEET NO. TMP - 5
<p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>	



END I-5877 MEDIAN CONSTRUCTION  
END I-5877 CONCRETE BARRIER  
-L- STA 925+00.00

I-5986A (I-5877) TRAFFIC SHIFT  
TYING TO I-5986B (I-5878)  
  
SHIFT TO BE COORDINATED IN  
THE FIELD BETWEEN ADJACENT  
PROJECTS I-5986A & I-5986B

W1-4L  
48"X38"  
W13-1P  
24"X24"  
PLACE DUAL MOUNTED  
SIGNS AT STA. 916+50

MATCH LINE  
SHEET TMP-5A  
STA. 66+50 -SR9-

MATCH LINE SHEET TMP-5A  
STA. 938+50 -L-

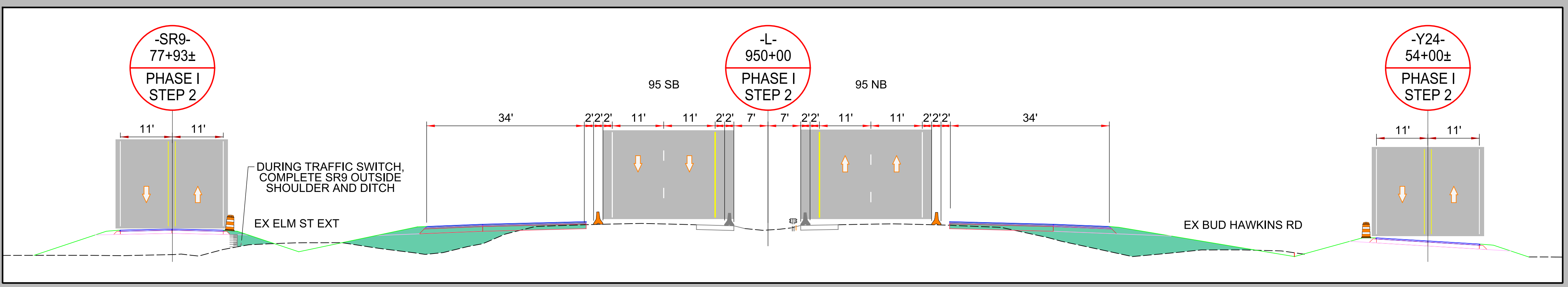
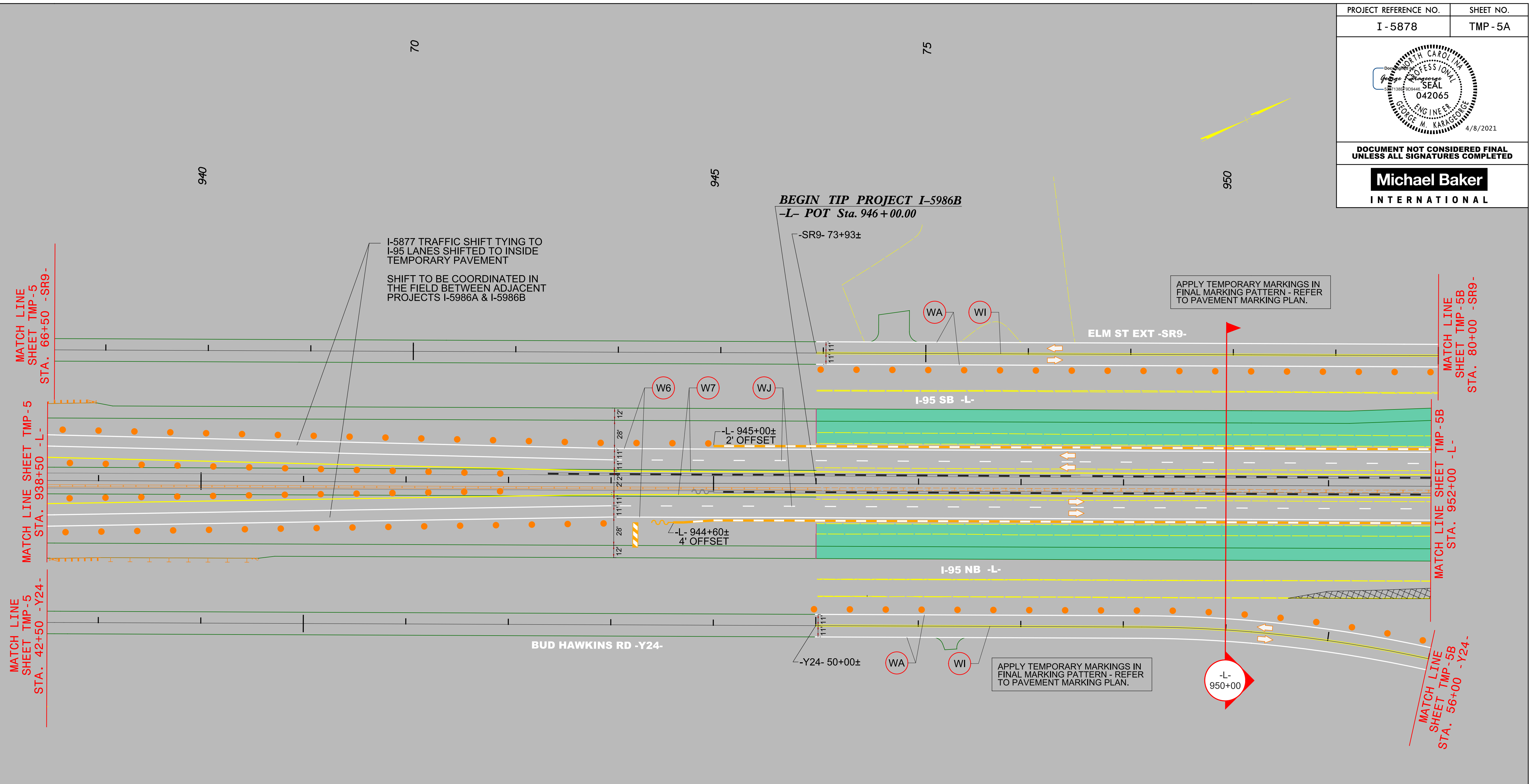
MATCH LINE SHEET TMP-5A  
STA. 42+50 -Y24-

AREA 1  
PHASE I  
STEP 2

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PROJECT REFERENCE NO. I-5878	SHEET NO. TMP-5A
<p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>	
<p><b>Michael Baker INTERNATIONAL</b></p>	

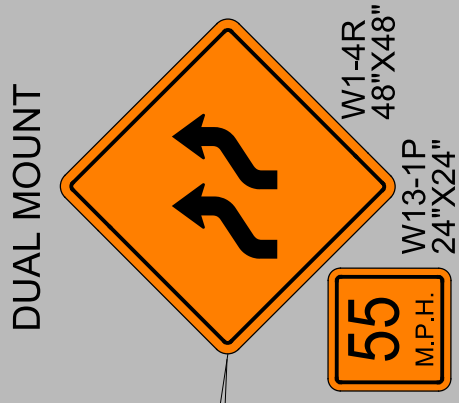
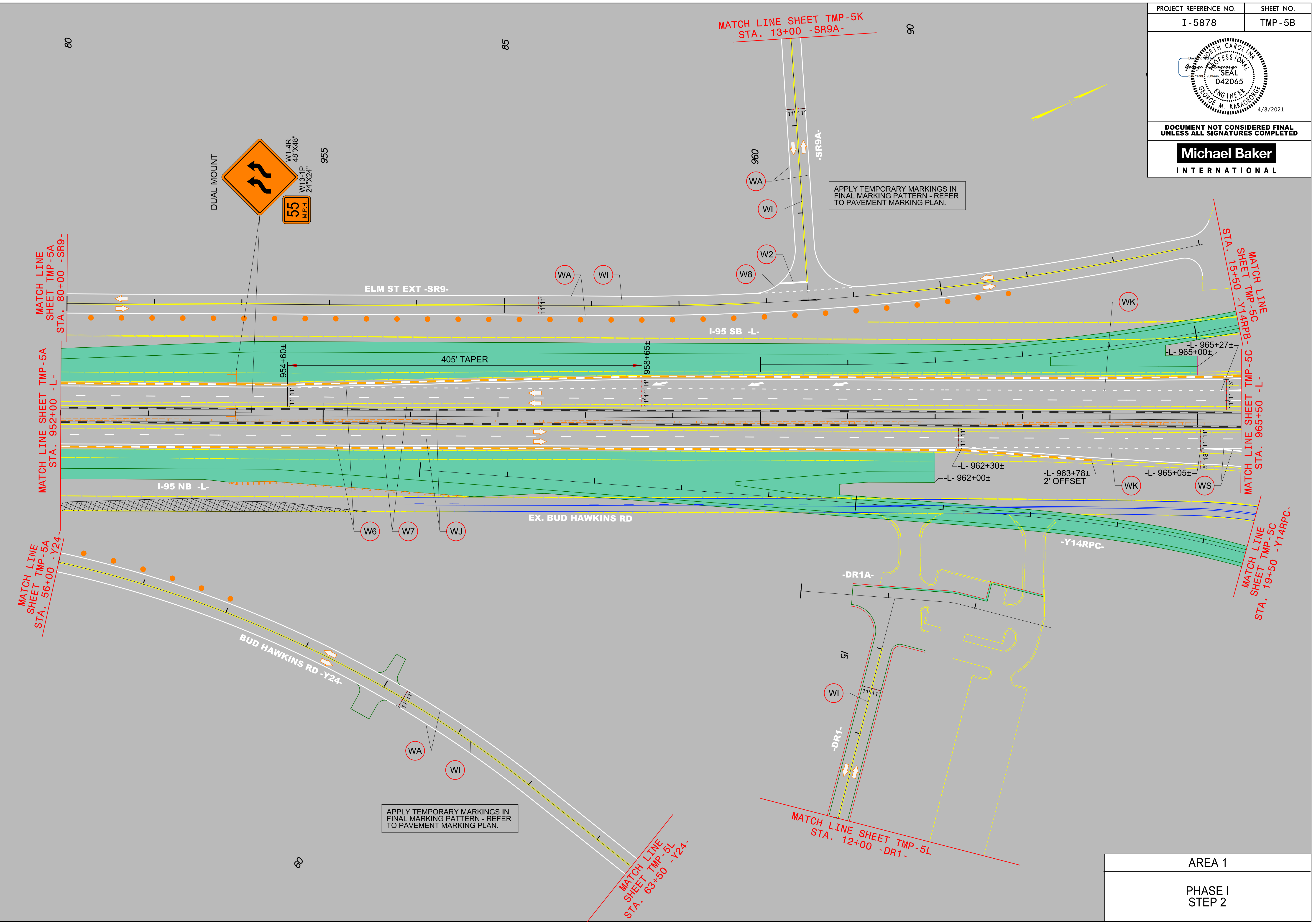


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AREA 1
PHASE I STEP 2

PROJECT REFERENCE NO. I-5878	SHEET NO. TMP-5B
<p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p> <p><b>Michael Baker INTERNATIONAL</b></p>	



APPLY TEMPORARY MARKINGS IN FINAL MARKING PATTERN - REFER TO PAVEMENT MARKING PLAN.

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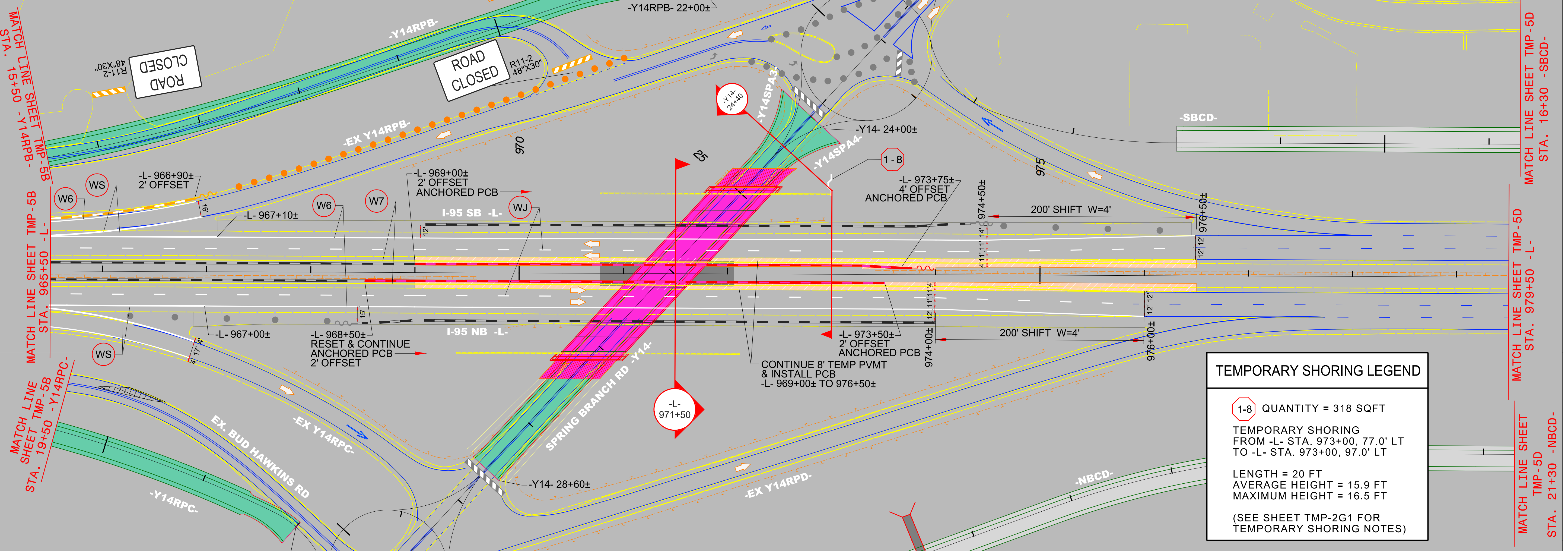
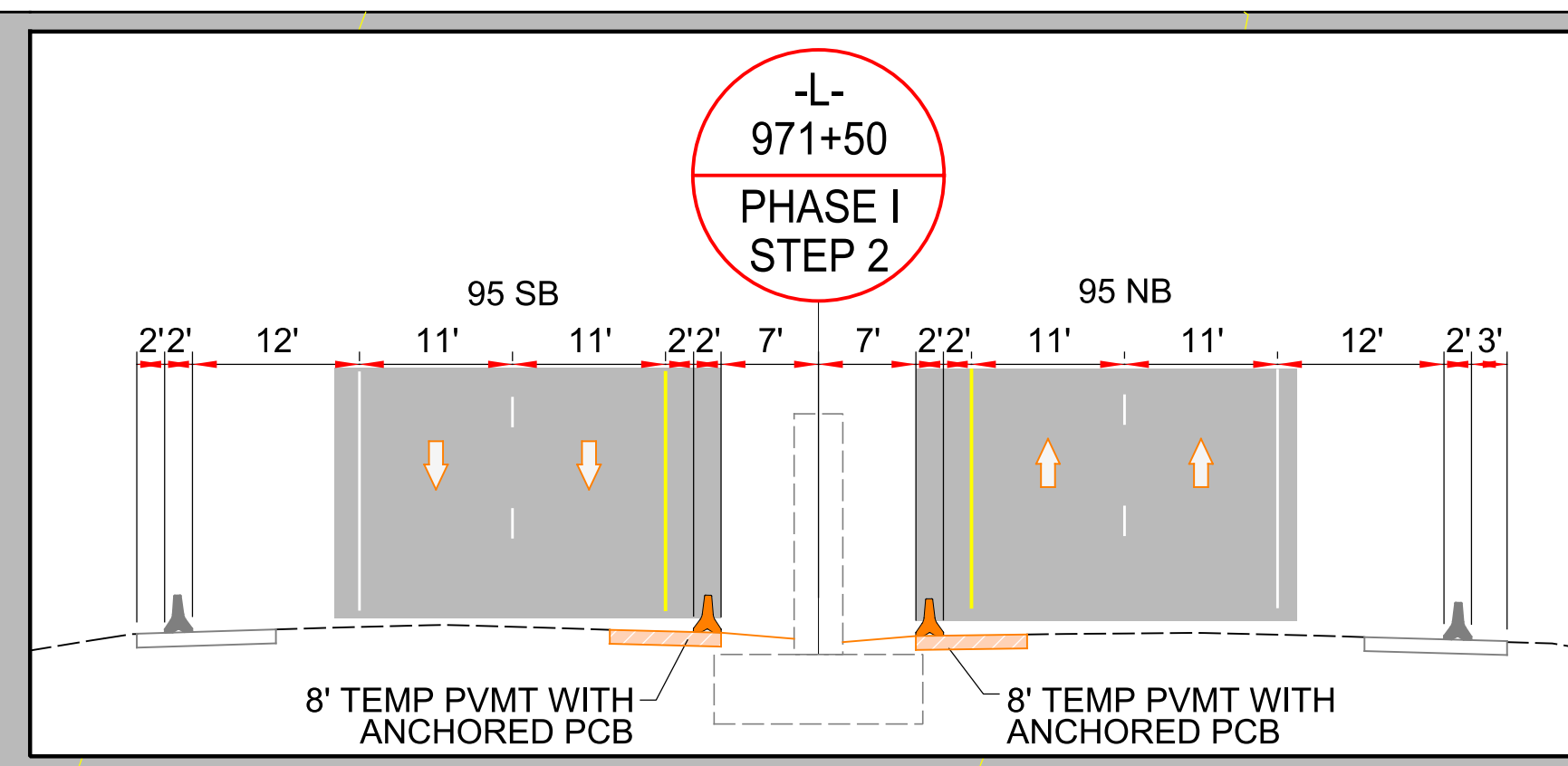
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AREA 1
PHASE I STEP 2

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-5C

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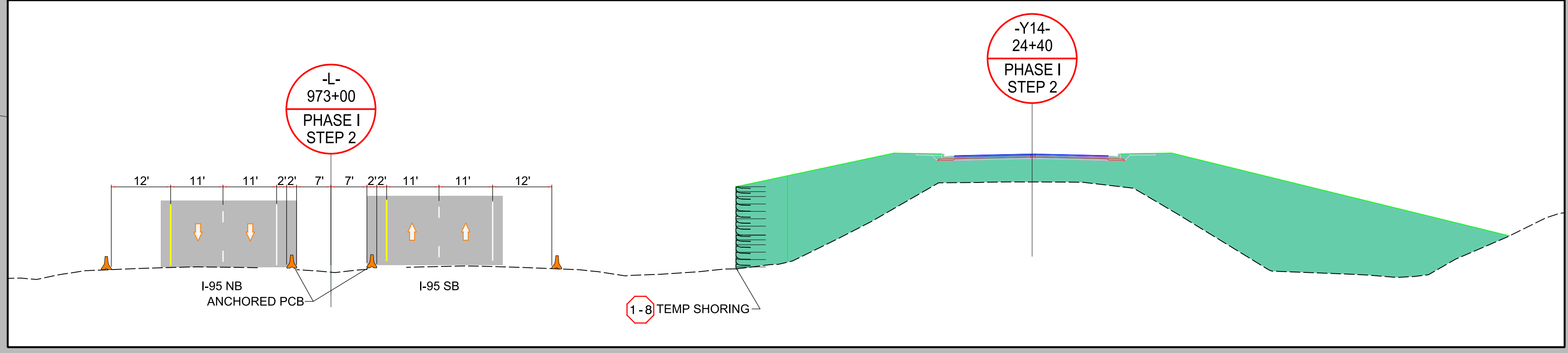
**TEMPORARY SHORING LEGEND**

**1-8** QUANTITY = 318 SQFT

TEMPORARY SHORING  
FROM -L- STA. 973+00, 77.0' LT  
TO -L- STA. 973+00, 97.0' LT

LENGTH = 20 FT  
AVERAGE HEIGHT = 15.9 FT  
MAXIMUM HEIGHT = 16.5 FT

(SEE SHEET TMP-2G1 FOR  
TEMPORARY SHORING NOTES)

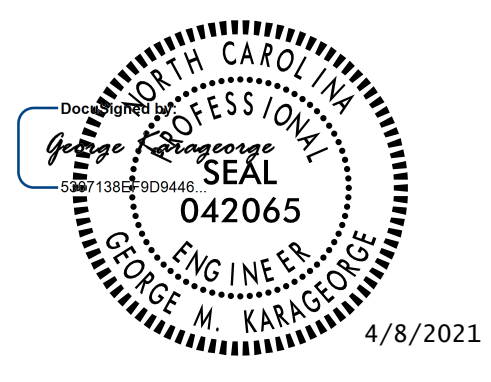


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AREA 1

PHASE I  
STEP 2

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-5D



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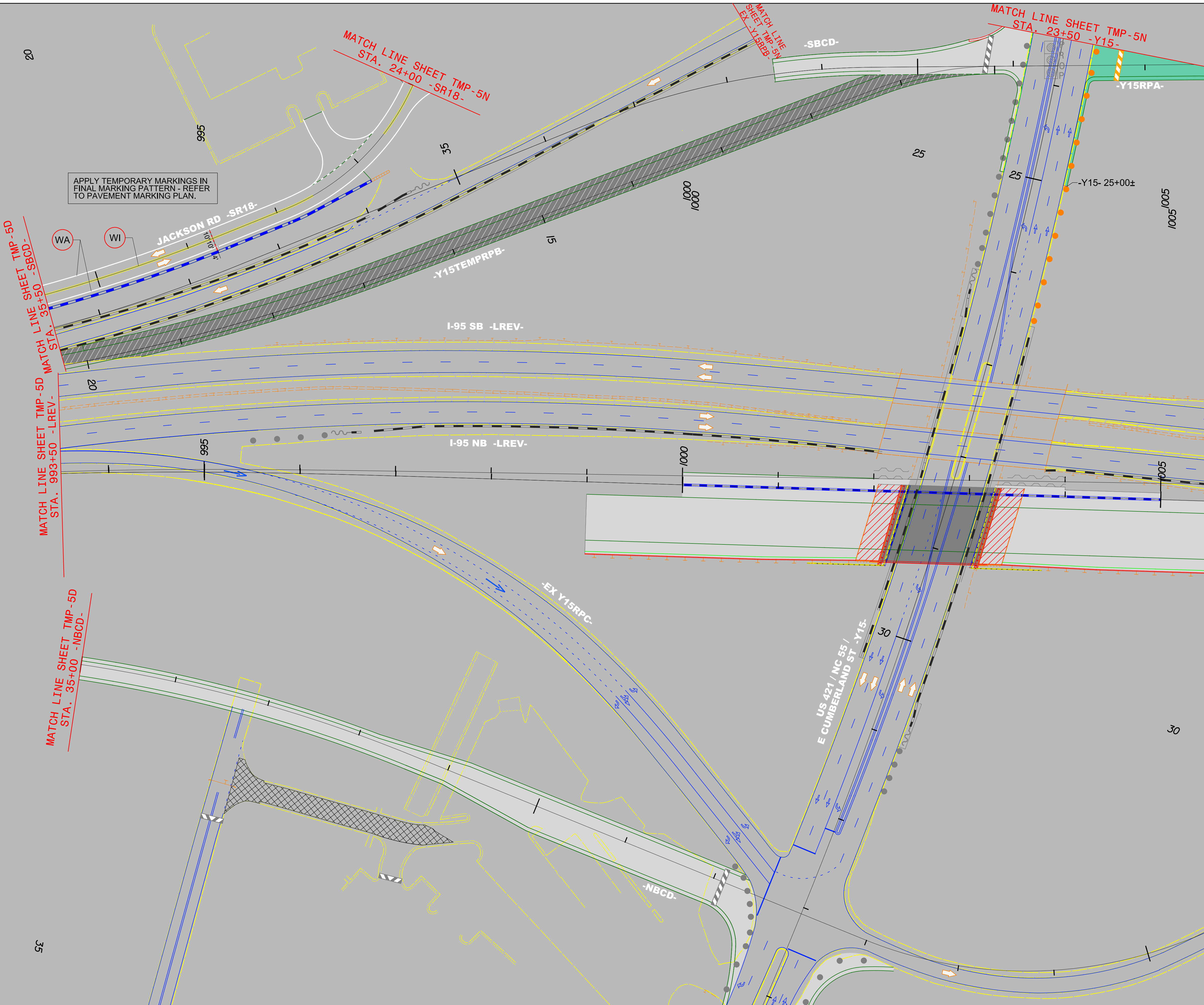
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AREA 1
PHASE I STEP 2

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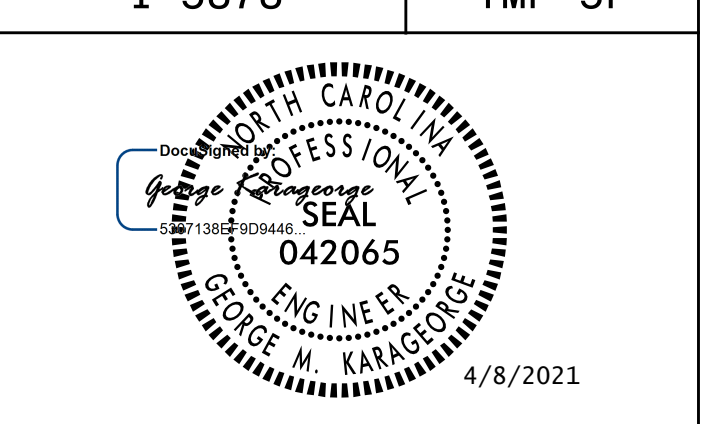


PROJECT REFERENCE NO. I-5878	SHEET NO. TMP-5E
<p><b>Michael Baker</b> INTERNATIONAL</p>	

MATCH LINE SHEET TMP-5F  
 STA. 23+25 -Y15RPA-

MATCH LINE SHEET TMP-5F  
 STA. 1007+00 -LREV-

AREA 1  
PHASE I  
STEP 2



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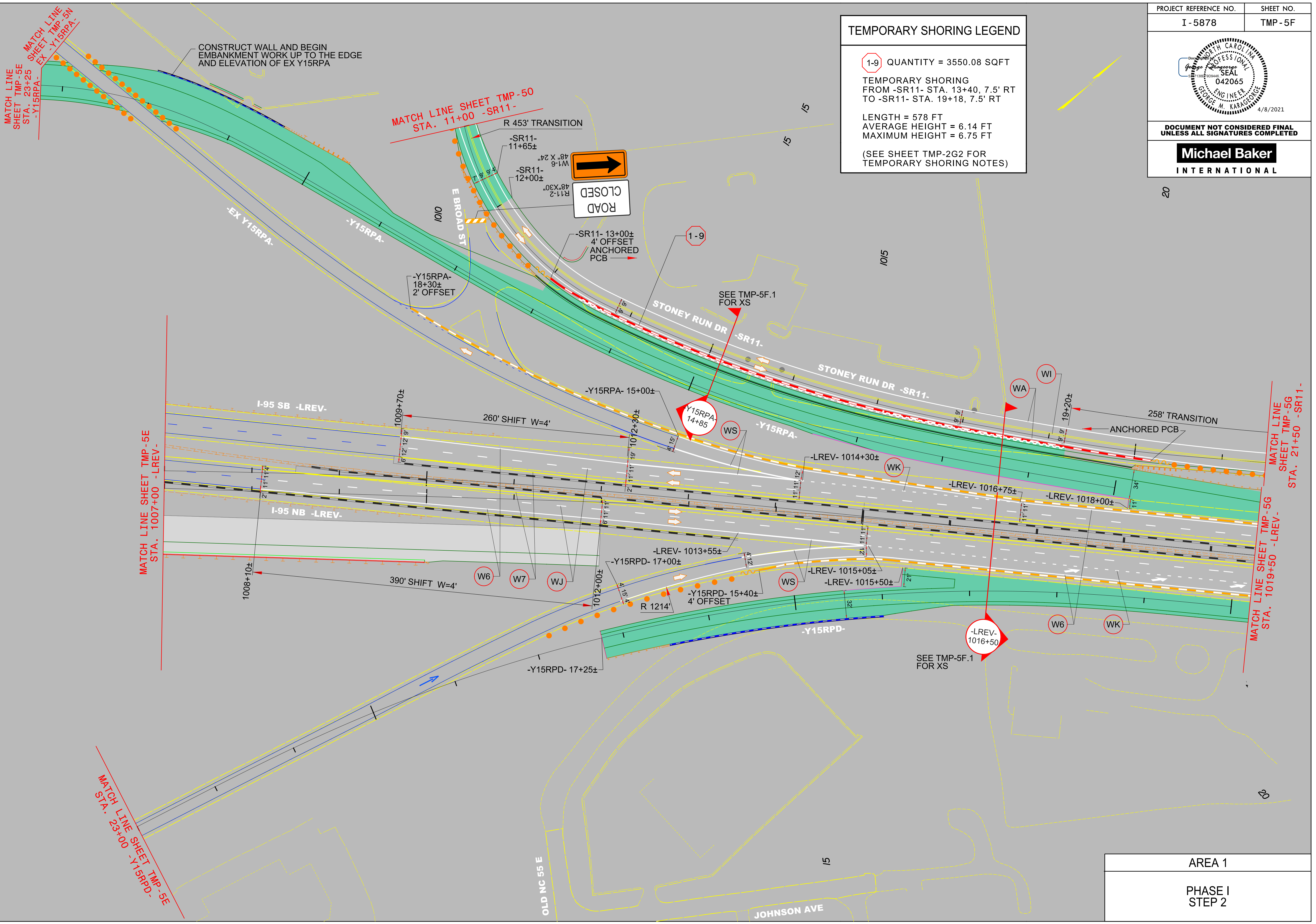
**TEMPORARY SHORING LEGEND**

1-9 QUANTITY = 3550.08 SQFT

TEMPORARY SHORING FROM -SR11- STA. 13+40, 7.5' RT TO -SR11- STA. 19+18, 7.5' RT

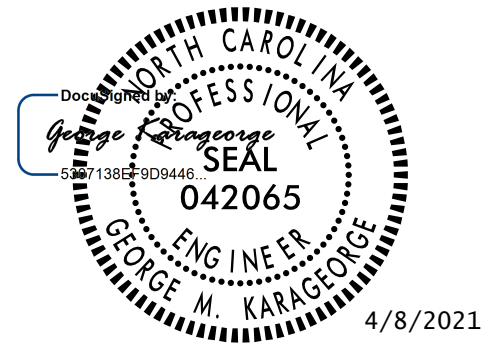
LENGTH = 578 FT  
AVERAGE HEIGHT = 6.14 FT  
MAXIMUM HEIGHT = 6.75 FT

(SEE SHEET TMP-2G2 FOR TEMPORARY SHORING NOTES)



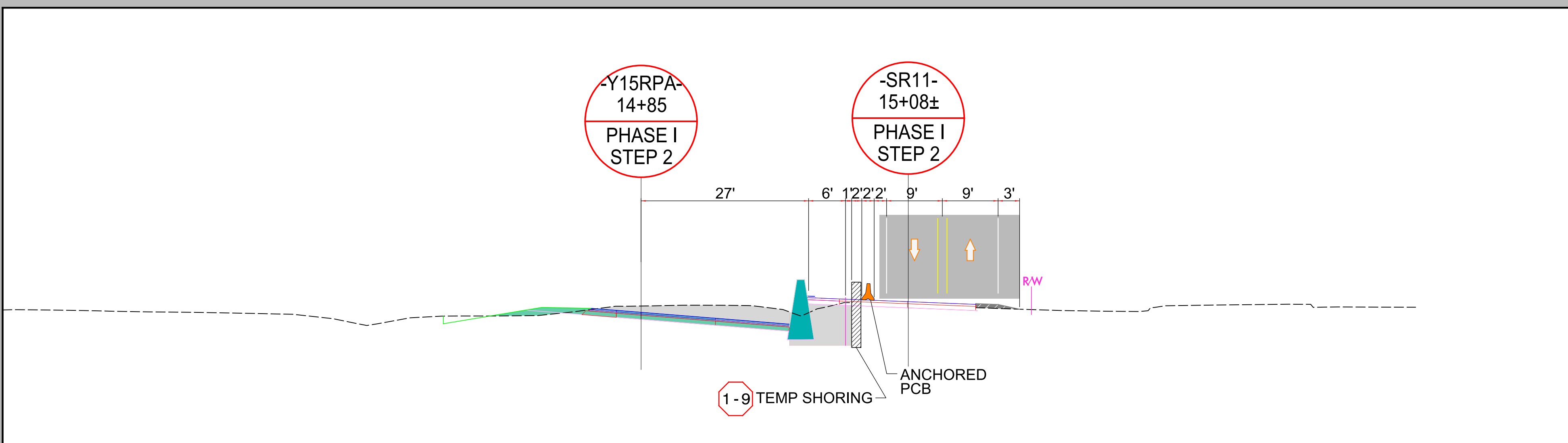
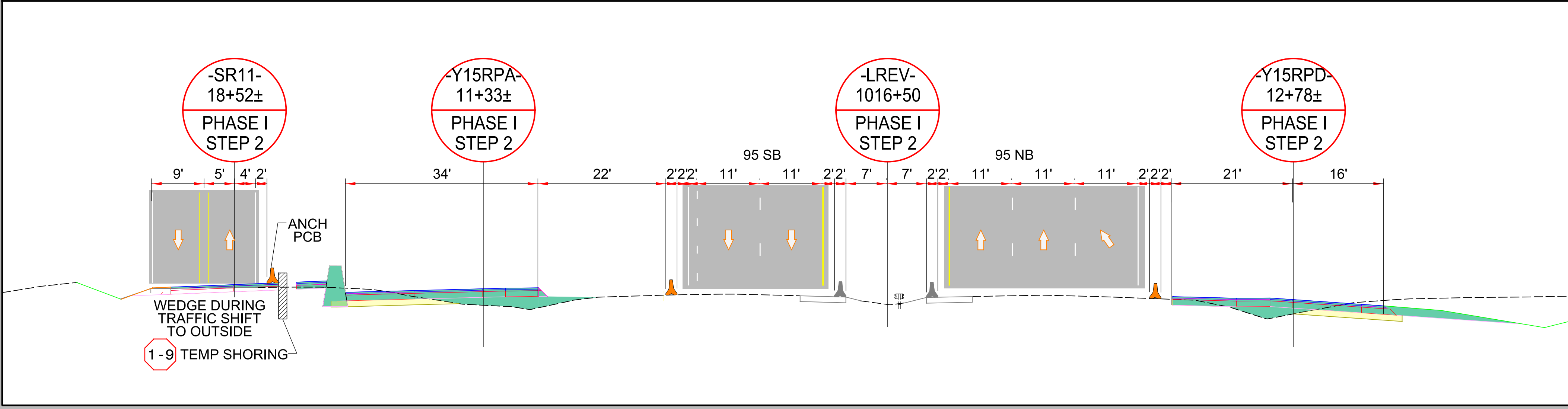
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AREA 1  
PHASE I  
STEP 2



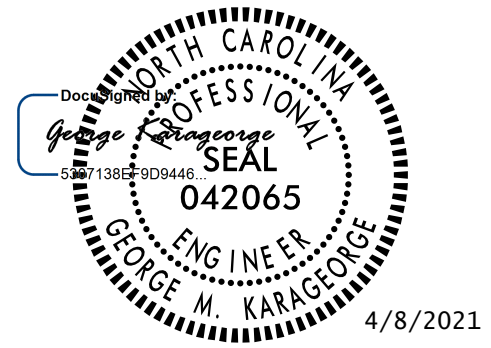
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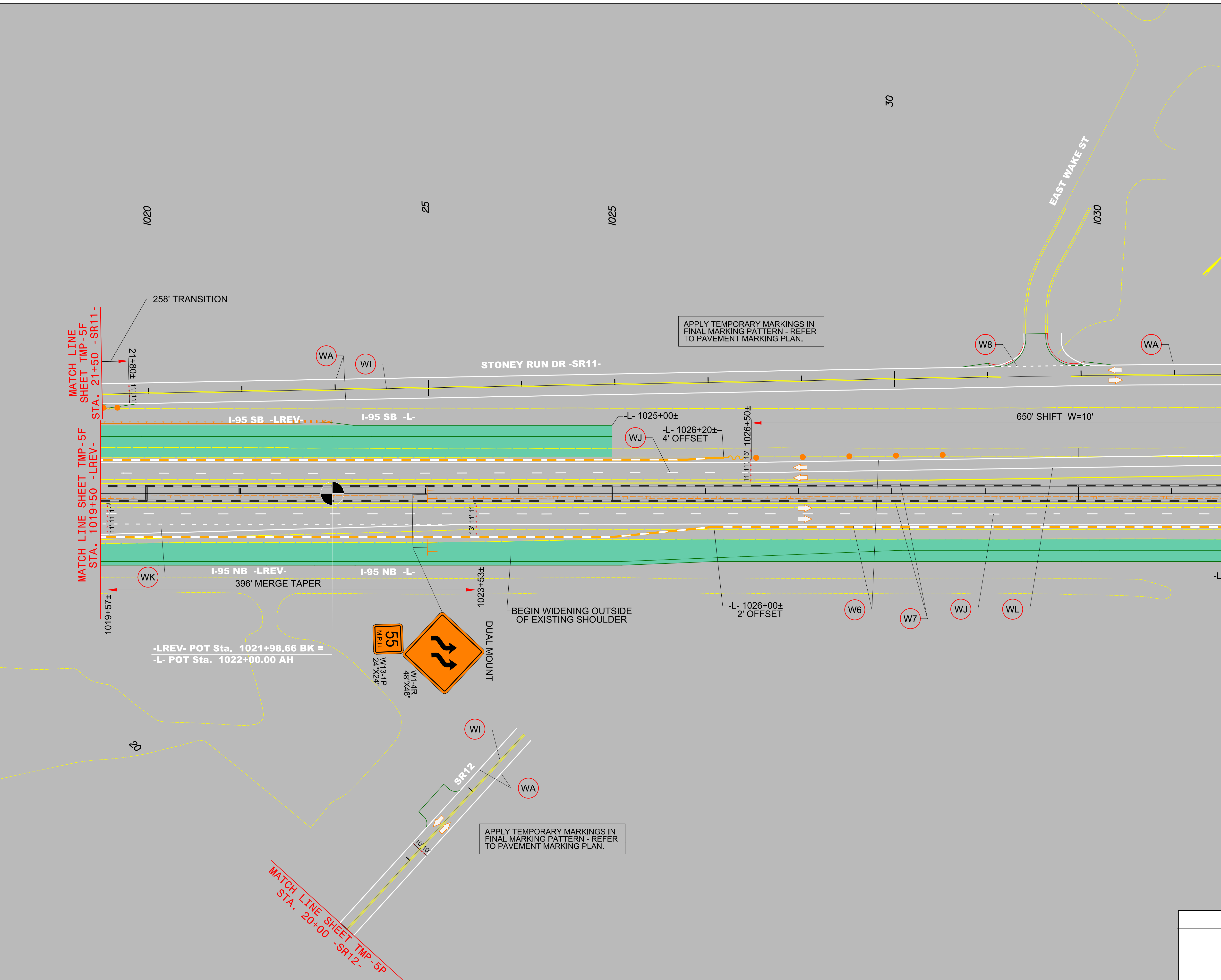
AREA 1
PHASE I STEP 2



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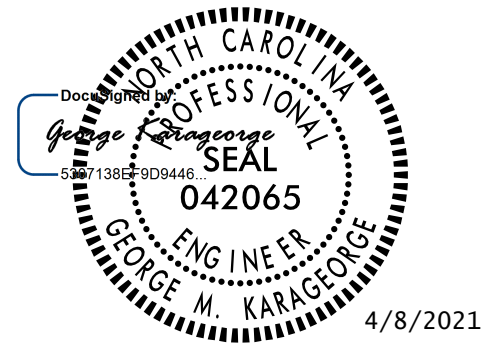
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AREA 1
PHASE I STEP 2

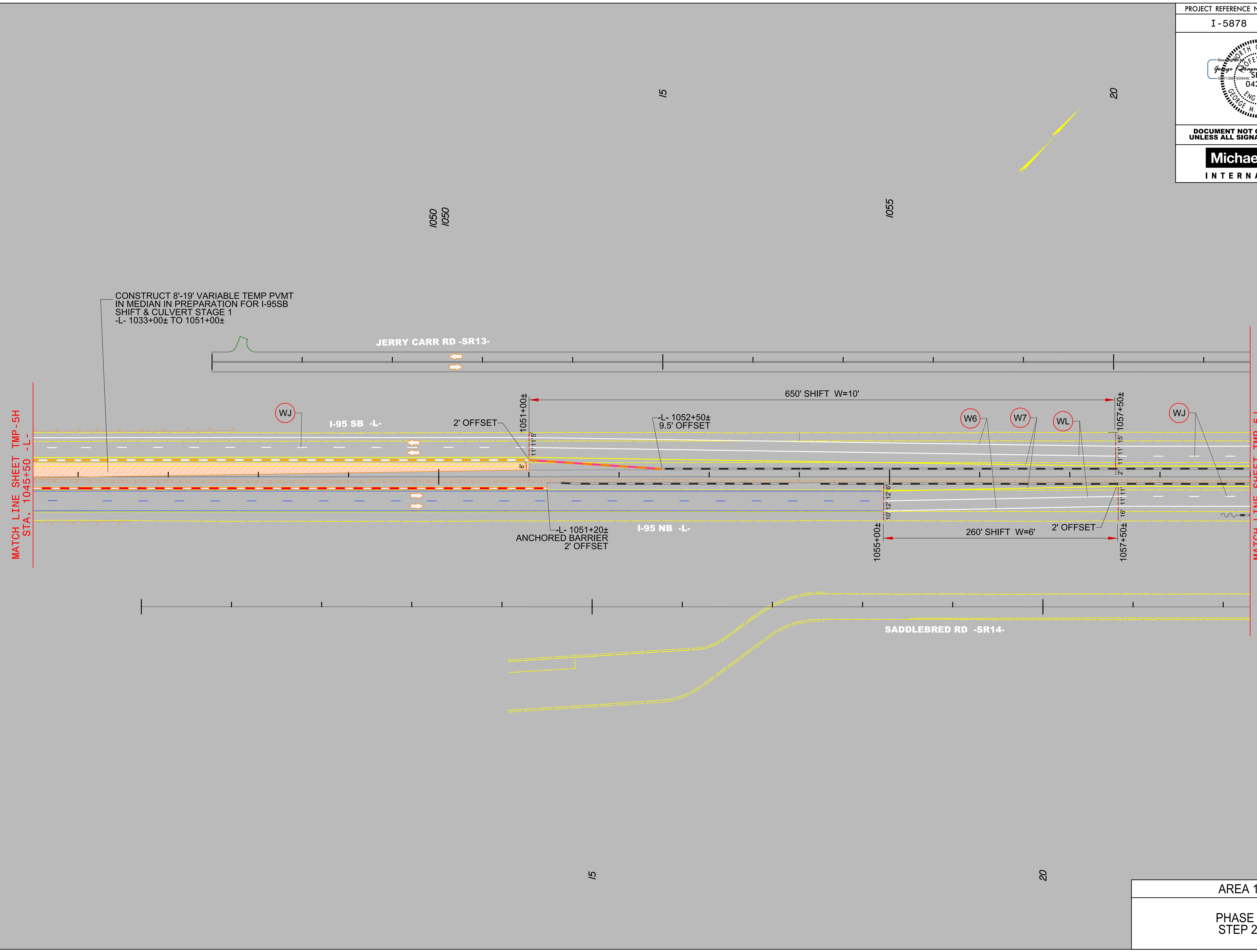






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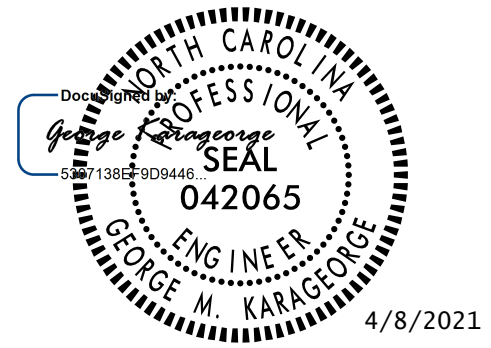
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Caroline.Owings

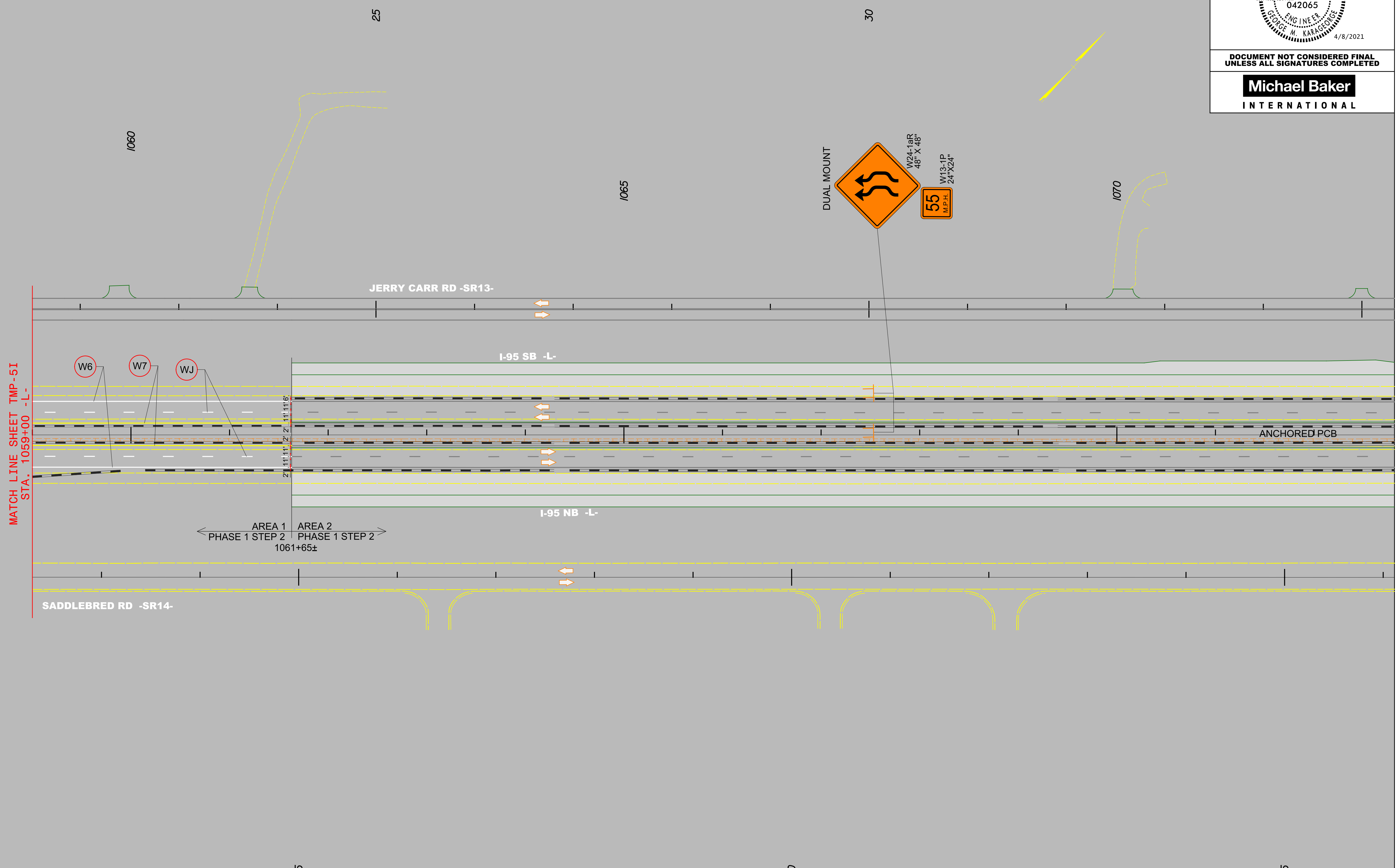
AREA 1  
PHASE I  
STEP 2

PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-5J



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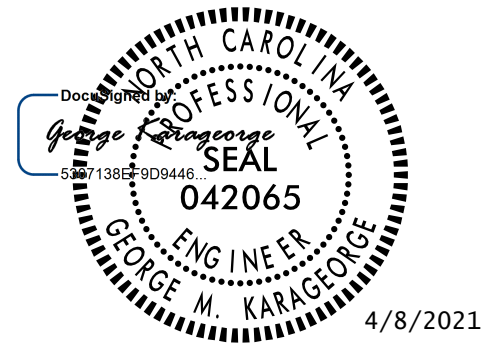
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AREA 1
PHASE I STEP 2

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PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-5K



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4/1/2021  
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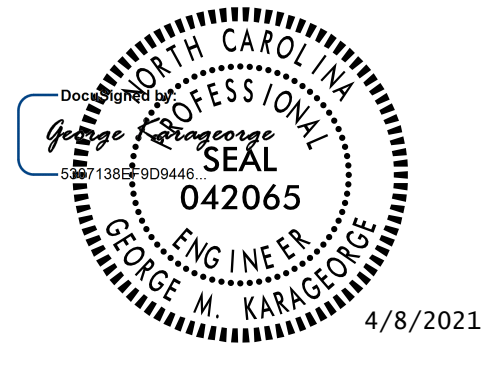


MATCH LINE SHEET TMP-5B  
STA. 13+00 -SR9A-

APPLY TEMPORARY MARKINGS IN  
FINAL MARKING PATTERN - REFER  
TO PAVEMENT MARKING PLAN.

AREA 1
PHASE I STEP 2

PROJECT REFERENCE NO.	SHEET NO.
I - 5878	TMP - 5L



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MATCH LINE SHEET TMP - 5C  
STA. 33+00 - Y14-

SPRING BRANCH RD - Y14-

BUD HAWKINS RD - Y24-

MATCH LINE SHEET TMP - 5B  
STA. 12+00 - DR1 -

MATCH LINE SHEET TMP - 5B  
STA. 63+50 - Y24-

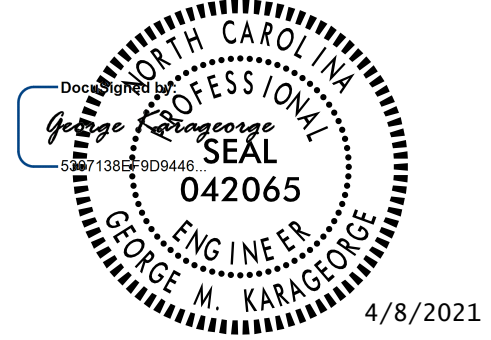
APPLY TEMPORARY MARKINGS IN  
FINAL MARKING PATTERN - REFER  
TO PAVEMENT MARKING PLAN.

AREA 1

PHASE I  
STEP 2

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PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-5M



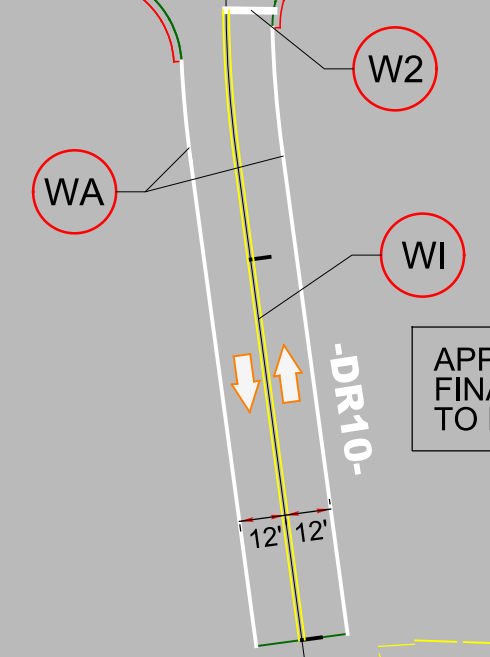
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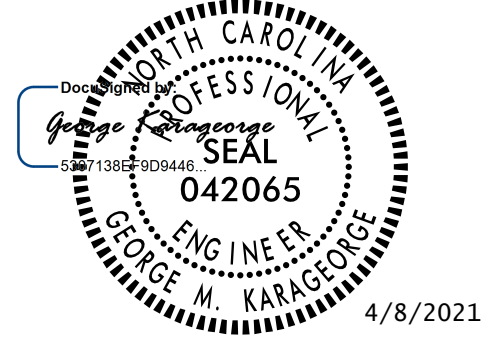


MATCH LINE SHEET TMP-5C  
STA. 19+50 -Y14-



AREA 1
PHASE I STEP 2

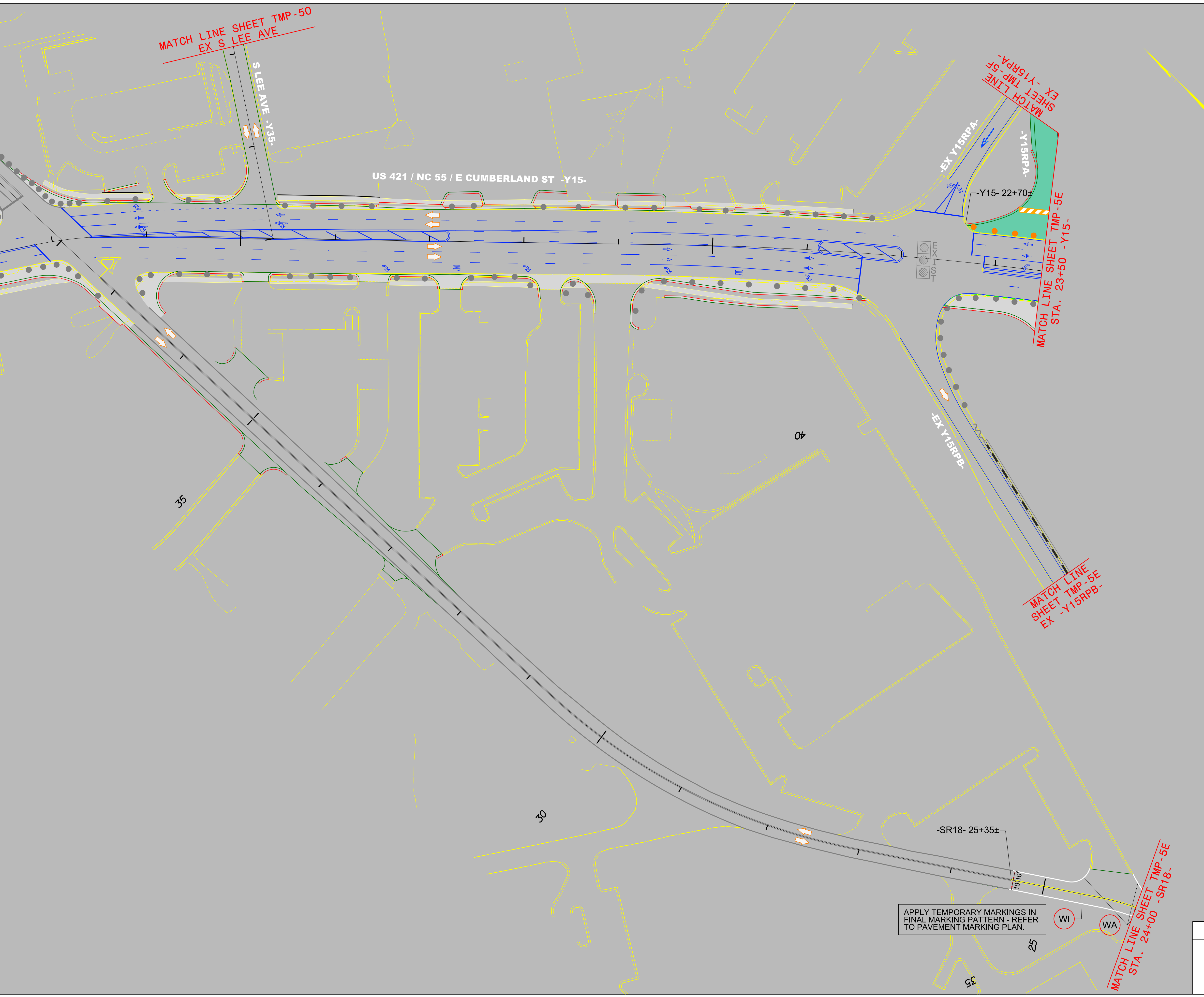
PROJECT REFERENCE NO.	SHEET NO.
I-5878	TMP-5N



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APPLY TEMPORARY MARKINGS IN  
FINAL MARKING PATTERN - REFER  
TO PAVEMENT MARKING PLAN.

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AREA 1
PHASE I STEP 2