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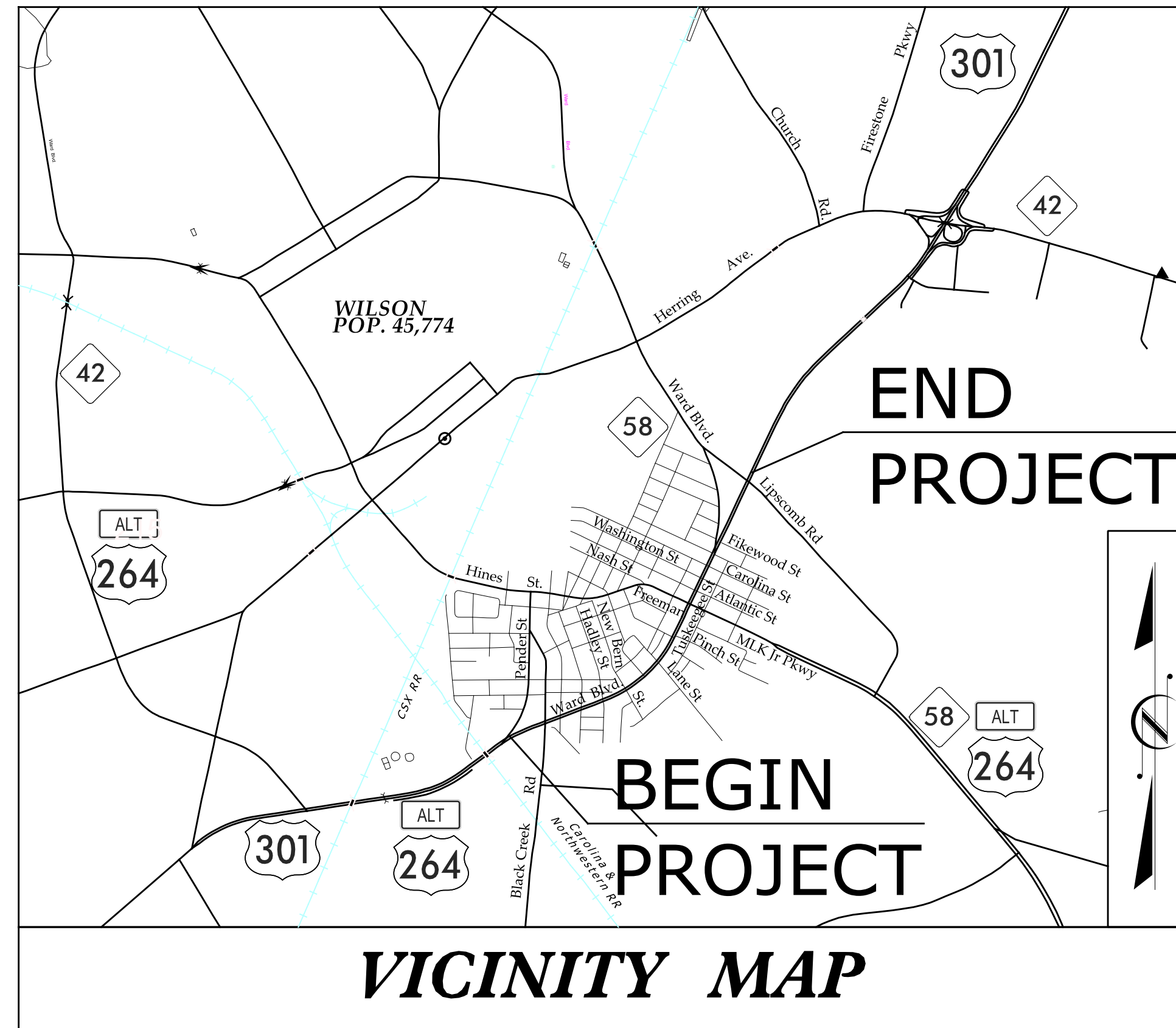
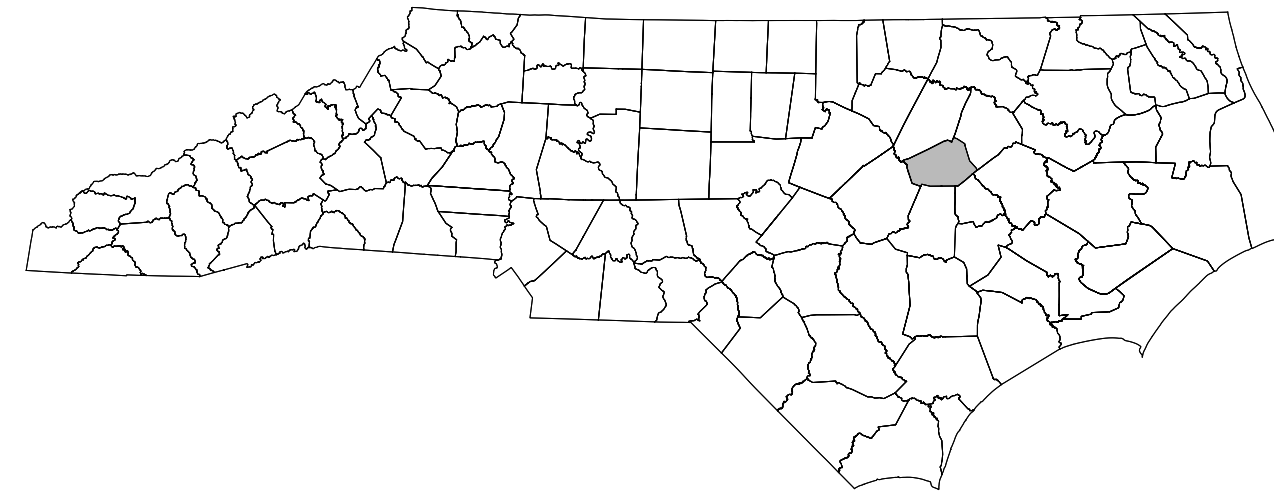
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

WILSON COUNTY

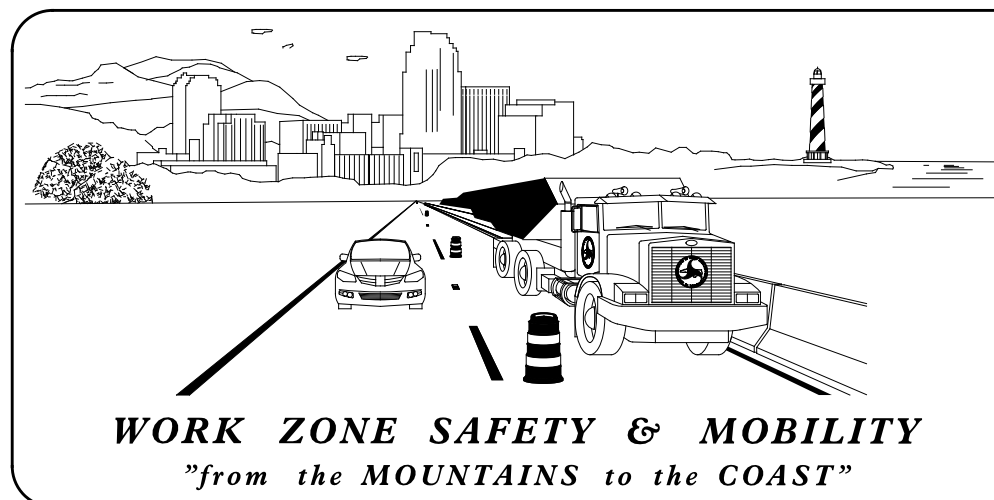
DIVISION 4



INDEX OF SHEETS

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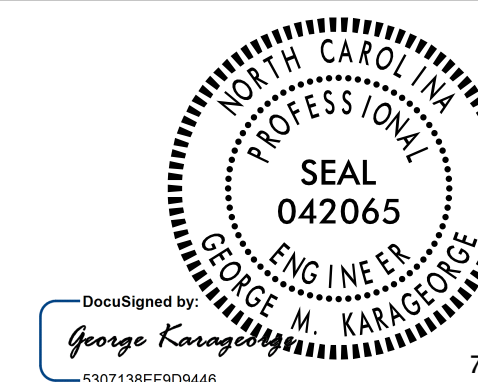
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George Karageorge



PLAN PREPARED BY MICHAEL BAKER INT'L FOR
THE CITY OF WILSON AND NCDOT DIVISION 4



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ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:


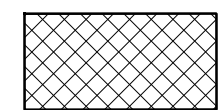
STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
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1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)

LEGEND









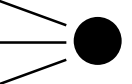
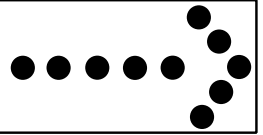



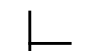

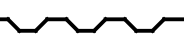


GENERAL

- EXIST. PVMT.
- PROPOSED PVMT.
- ← DIRECTION OF TRAFFIC FLOW

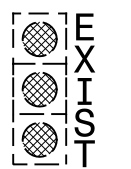
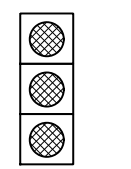
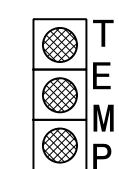
WORK AREAS

-  PROPOSED ROADWAY CONSTRUCTION
-  PAVEMENT REMOVAL

TEMPORARY TRAFFIC CONTROL DEVICES

-  TYPE III BARRICADE
-  CONE
-  DRUM  SKINNY DRUM  TUBULAR MARKER
-  CHANGEABLE MESSAGE SIGN (CMS)
-  FLAGGER
-  AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)
-  FLASHING ARROW BOARD (TYPE C) 
-  LAW ENFORCEMENT
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  WORK ZONE SIGN-PORTABLE
-  WORK ZONE SIGN-STATIONARY
-  WORK ZONE SIGN-STATIONARY OR PORTABLE
-  TEMPORARY SHORING
-  TEMPORARY CRASH CUSHION
-  PORTABLE CONCRETE BARRIER (PCB)

SIGNALS

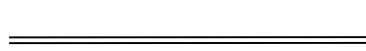
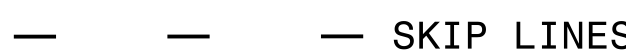

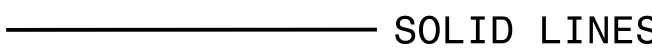

-  EXIST
-  PROPOSED
-  TEMP

TEMPORARY PAVEMENT MARKING LEGEND




PAINT PAVEMENT MARKING LINES			
CODE	COLOR	LINE WIDTH	DESCRIPTION
P2	WHITE	24"	STOPBAR
P8	WHITE	4"	MINISKIP 2FT-6FT
P9	YELLOW	4"	MINISKIP 2FT-6FT
PA	WHITE	4"	EDGE LINE
PB	YELLOW	4"	EDGE LINE
PC	WHITE	4"	SKIP
PD	WHITE	4"	MINISKIP 3FT-9FT
PE	WHITE	4"	LANE LINE
PI	YELLOW	4"	DOUBLE CENTER SOLID/SOLID
PN	WHITE	8"	GORE LINE
PO	WHITE	8"	DIAGONAL

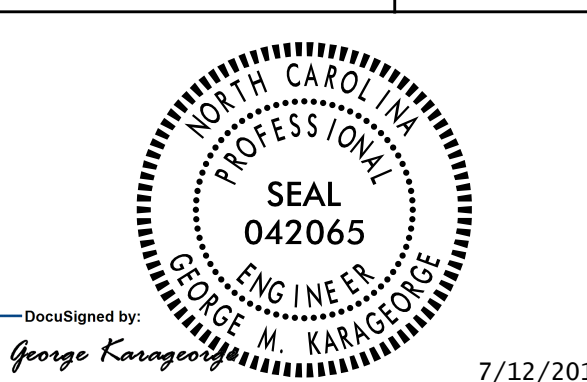

PAINT PAVEMENT MARKING SYMBOLS		
CODE	COLOR	DESCRIPTION
QA	WHITE	LEFT TURN ARROW
QB	WHITE	RIGHT TURN ARROW
QC	WHITE	STRAIGHT ARROW
QD	WHITE	LEFT/STRAIGHT ARROW
QE	WHITE	RIGHT/STRAIGHT ARROW
QN	WHITE	24" YIELD LINE TRIANGLE SYMBOL

PAVEMENT MARKING LINES

-  DOUBLE YELLOW CENTER LINE
-  SKIP LINES
-  MINI-SKIP LINES
-  SOLID LINES
-  EXISTING LINES (GRAY)

PAVEMENT MARKING SYMBOLS & CHARACTERS

-  PROPOSED SYMBOLS
-  EXISTING SYMBOLS (HOLLOW)
-  ALPHANUMERIC CHARACTERS

PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-1A
	
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ROADWAY STANDARD DRAWINGS
 LEGEND
 TEMPORARY PAVEMENT MARKING LEGEND

PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-2



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GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE PLANS AND ROADWAY STANDARD DRAWINGS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRE OVERLAPPING OF DEVICES. MODIFICATIONS MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER. THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

ROAD CLOSURE DAY AND TIME RESTRICTIONS

A) DO NOT CLOSE ANY ROADWAY OR STOP TRAFFIC, EXCEPT WHEN ALLOWED BY THE PLANS OR THE ENGINEER AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	OPERATION
US 301	5:00 AM - 9:00 PM	CROSS DRAINAGE INSTALLATIONS

HAULING RESTRICTIONS

B) DO NOT CONDUCT ANY HAULING OR DELIVERIES AS FOLLOWS:

ROAD NAME	DAY AND TIME SINGLE VEHICLE HAULING RESTRICTIONS
ALL ROADS	6:00 AM-9:00 AM

C) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

TEMPORARY 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 OR WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING THE APPLICABLE 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 TRAVEL LANE, 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, WITHIN THE SAME LOCATION, UNLESS PROTECTED BY BARRIER OR GUARDRAIL.

I) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADI, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

TEMPORARY ROAD CLOSURE REQUIREMENTS

J) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO CLOSING ANY ROADWAY.

K) FURNISH AND INSTALL ALL TEMPORARY SIGNING AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR TEMPORARY ROAD CLOSURES, INCLUDING TEMPORARY ROUTE SIGNS REQUIRED FOR OFFSITE DETOURS.

L) COVER OR REMOVE ALL TEMPORARY ROAD CLOSURE SIGNS AND DEVICES WHEN A TEMPORARY ROAD CLOSURE IS NOT IN OPERATION. WHEN A DETOUR IS NOT IN OPERATION, COVER OR REMOVE ALL TEMPORARY SIGNS.

M) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO CLOSING A ROADWAY. INSTALL DETOUR SIGNS FIRST AND INSTALL CLOSURE BARRICADES LAST. WHEN RE-OPENING A ROADWAY REMOVE CLOSURE BARRICADES FIRST THEN REMOVE OR COVER SIGNS.

N) WHEN CLOSING A ROADWAY USE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. IN THE EVENT LOCAL TRAFFIC MUST BE MAINTAINED PAST THE CLOSURE POINT BARRICADES MAY BE STAGGERED TO ALLOW ACCESS.

PAVEMENT EDGE DROP OFF PROTECTION REQUIREMENTS

O) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT ANY AREAS ADJACENT TO AN OPEN TRAVEL LANE THAT HAVE 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.

P) 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

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

GENERAL NOTES

PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-2A



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GENERAL NOTES

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	RAISED TEMPORARY

S) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

T) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

U) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

V) OUTLINE MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVING OR INSTALLING. PLACE DRUMS TO DELINEATE THESE AREAS.

PEDESTRIAN REQUIREMENTS

W) ALL CURB RAMP LOCATIONS SHALL BE INSTALLED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.

X) MAINTAIN ALL NEW SIDEWALKS CLOSED USING BARRICADES AND SIDEWALK CLOSED SIGNS R9-9, UNTIL DIRECTED BY THE ENGINEER TO OPEN.

TEMPORARY CLEAR ZONES

Y) AS A GENERAL GUIDELINE MAINTAIN A 15 FT. TEMPORARY WORK AREA CLEAR ZONE FOR THE DURATION OF THIS PROJECT ON ALL ROADWAYS. DUE TO VARYING FIELD CONDITIONS THIS GUIDELINE MAY BE MODIFIED AS FOLLOWS AND/OR AS DIRECTED BY THE ENGINEER:

WHEN LANE CLOSURES ARE NOT IN EFFECT AND WORK IS NOT BEHIND CONCRETE BARRIER OR GUARDRAIL THE FOLLOWING CLEAR ZONE REQUIREMENTS SHOULD BE MET:

- MOVE EQUIPMENT, MATERIALS, STOCKPILES AND OBSTACLES CREATED BY WORK OPERATIONS THAT WERE NOT EXISTING PRIOR TO WORK BEGINNING, TO A MINIMUM OF 15' FROM A TRAVELWAY.
- MOVE OBSTACLES SUCH AS STOCKPILES AND NON-ACTIVE EQUIPMENT AT LEAST 5' AWAY FROM THE BACK OF BARRIER. IN GENERAL, IF STORING MATERIALS OR EQUIPMENT BEHIND ANY TYPE OF BARRIER THE DEFLECTION OF THE BARRIER SHOULD BE ACCOUNTED FOR AND ITEMS SHOULD NOT BE STORED IN THAT AREA.
- EXCAVATIONS OR OTHER IMMOVABLE OBSTRUCTIONS SHALL BE SAFED UP USING METHODS SUCH AS BACK-FILLING, COVERS, DELINEATION, ETC. METHODS USED MUST BE ACCEPTABLE TO THE ENGINEER.

MISCELLANEOUS

Z) USE LAW ENFORCEMENT TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND OR INTERSECTIONS AS SHOWN IN PLANS OR AS DIRECTED BY THE ENGINEER.

AA) ALL DIMENSIONING AND STATIONING IN THE TRANSPORTATION MANAGEMENT PLAN IS APPROXIMATE. REFER TO ROADWAY AND STRUCTURE DESIGN PLANS FOR EXACT DIMENSIONS AND STATIONING.

BB) DURING PAVEMENT MILLING OPERATIONS PROVIDE "ROUGH ROAD" SIGNS (W8-8) IN ADVANCE OF A MILLED PAVEMENT AREA.

CC) PAVE OVER MILLED AREAS WITHIN 72 HOURS, UNLESS OTHERWISE DIRECTED BY ENGINEER.

DD) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) OR "BUMP" SIGNS (W8-1) IN ADVANCE OF UNEVEN AREAS, OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

PHASE I

PRIOR TO ANY CONSTRUCTION OPERATIONS INSTALL WORK ZONE ADVANCE WARNING SIGNS ON US 301 (-L-), NASH ST./MLK, LIPSCOMB RD E., HERRING AVE. AND ALL INTERSECTING ROADWAYS (-EY-) LINES PER ROADWAY STANDARD DRAWING (RSD) 1101.01 SHEET 2 OF 3.

USE TEMPORARY LANE CLOSURES PER RSD 1101.02 SHEETS 1, & 3, OF 15, TO PERFORM WORK IN PHASE I.

(FOR PHASE I REFER TO TMP-3, TMP-3D, TMP-4 SERIES SHEETS)

STEP 1:

- ON MLK JR. PKWY/NC 58 SB LEG, REMOVE THE EXISTING LANE STRAIGHT/LEFT ARROW SYMBOL MARKINGS AND SIGN ON THE TRAFFIC SIGNAL GUY WIRE AND REPLACE THE MARKINGS AND SIGN WITH RESPECTIVE STRAIGHT ARROW SYMBOLS. (TMP-4C)
- BEGIN MEDIAN, CONSTRUCTING UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN A MANNER AS TO NOT CAUSE DRAINAGE SPREAD TO ENCROACH ONTO ANY TRAVEL LANES. CURB AND GUTTER IS TO BE CONSTRUCTED IN STEP 4.
- INSTALL DRAINAGE ACROSS US 301 USING TEMPORARY ROAD CLOSURES. TEMPORARY LANE CLOSURES MAY BE USED AS DIRECTED BY THE ENGINEER TO REDUCE TRAFFIC TO ONE LANE APPROACHING THE ROAD CLOSURE POINTS. CROSS- DRAINAGE INSTALLATIONS INVOLVE EXCAVATIONS AT APPROXIMATE DEPTHS TO 7' +. (TMP-3D) SEE INTERMEDIATE CONTRACT TIME

INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

TWENTY ONE (21) ROAD CLOSURE PERIODS WILL BE ALLOWED FOR CONSTRUCTION OF CROSS-DRAINAGE ALONG US 301. EACH ROAD CLOSURE TIME PERIOD WILL BE EIGHT (8) CONSECUTIVE HOURS. DO NOT CLOSE BOTH DIRECTIONS OF US 301 SIMULTANEOUSLY.

INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

COMPLETE THE WORK REQUIRED OF PHASE I- STEPS 2, 3, AND 4 IN A TIME PERIOD OF FORTY-FIVE (45) CONSECUTIVE CALENDAR DAYS.

STEP 2:

- A. INSTALL PAVEMENT MARKINGS AND SIGNS CONVERTING WASHINGTON ST. AND CAROLINA ST. TO TEMPORARY RIGHT-IN/RIGHT-OUT SIDE STREETS (NO LEFT TURNS) (TMP-4D).
- B. INSTALL TRAFFIC CONTROL DEVICES AND CLOSE THE EXISTING MEDIAN LEFT TURN LANES FROM US 301 TO WASHINGTON ST. AND CAROLINA ST. (TMP-4D)
- C. WITH THE LEFT TURN LANES CLOSED COMPLETE ALL OF THE MEDIAN ALONG US 301 -L- UP TO THE EXISTING EDGE OF PAVEMENT ELEVATION, EXCLUDING CURB AND GUTTER. (TMP-4D)

STEP 3: US 301(-L)/-EY- LINE MILLING AND PAVING

- MILL EXISTING PAVEMENT TO PROPOSED CROSS SLOPES. SCHEDULE THE MILLING AND PAVING OPERATIONS IN A MANNER SUCH THAT MILLED SURFACES ARE NOT EXPOSED TO TRAFFIC FOR MORE THAN 72 HOURS.
- PAVE (WEDGE) OVER EXISTING PAVEMENT, MILLED PAVEMENT AND PROPOSED PAVEMENT IN THE MEDIAN TO PROPOSED CROSS-SLOPES. PAVE TO 3" BELOW FINAL GRADE. REPLACE PAVEMENT MARKINGS SHIFTING TRAFFIC IN 11 FT. LANES APPROXIMATELY 2' ONTO THE OUTSIDE SHOULDER. THE TOP 3 IN. OF PAVEMENT ARE TO BE PLACED IN PHASE II WHEN TRAFFIC IS SHIFTED TO THE MEDIAN AND FOR THE FINAL LAYER OF SURFACE COURSE.

STEP 4: US 301(-L)/-EY- MEDIAN C&G/ISLANDS

- WITH TRAFFIC SHIFTED TO THE OUTSIDE BEGIN CONSTRUCTION OF MEDIAN CURB & GUTTER AND MEDIAN MONOLITHIC ISLANDS.
- COMPLETE THE MEDIAN AREA INCLUDING MONOLITHIC ISLANDS FROM -L- STA. 61+00 TO 73+00 THAT BEGAN IN STEP 2 AND OPEN THE LEFT TURN LANES TO CAROLINA ST. (TMP-4D.1)

TRAFFIC SIGNAL WORK AWAY FROM TRAFFIC AT THE INTERSECTION OF WARD BLVD. & HERRING AVE. MAY BEGIN IN PHASE I AS DIRECTED BY THE ENGINEER. MILLING/RESURFACING AND LANE DESIGNATION CHANGES OF THIS INTERSECTION ARE TO BE COMPLETED AFTER COMPLETION OF THE SIDEWALK IN THIS AREA IN PHASE II.

PHASE II

(FOR PHASE II REFER TO TMP-5 AND 6 SERIES SHEETS AND SHEET TMP-3B FOR CROSS-SECTIONS)

USE TEMPORARY LANE CLOSURES PER RSD 1101.02 SHEETS 1, & 3, OF 15, TO PERFORM THE WORK IN PHASE II.

STEP 1: (TMP 5-5E) US 301(-L) TRAFFIC SHIFT TO INSIDE

- COMPLETE ALL MEDIAN CURB AND GUTTER AND MEDIAN MONOLITHIC ISLANDS, PAVE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND REVISE PAVEMENT MARKINGS AND SHIFT LANES TO THE INSIDE.

STEP 2: (TMP 5-5E) US 301(-L)/-EY- OUTSIDE C&G/ISLANDS/SIDEWALK CONSTRUCTION

- CONSTRUCT OUTSIDE CURB AND GUTTER AND MONOLITHIC ISLANDS ALONG US 301 (-L-).
- CONSTRUCT PROPOSED SIGNALS
- CONSTRUCT SIDEWALK ALONG US 301, NASH ST/MLK/US 58 AND LIPSCOMB RD E. SIDEWALK ALONG WARD BLVD./NC 58 WEST OF US 301 AND HERRING AVE IS COVERED IN STEP 3.

NOTE: STEP 3 MAY BE ONGOING SIMULTANEOUSLY WITH STEP 2.

STEP 3: SIDEWALK CONSTRUCTION ALONG WARD BLVD/NC 58 NORTH OF US 301 & HERRING AVE.

INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

COMPLETE PHASE II-STEP 3 (3A, 3B AND 3C) WITHIN IN A TIME PERIOD OF NINETY (90) CONSECUTIVE CALENDAR DAYS

STEP 3A: (TMP-6A)

BEGIN CONSTRUCTION OF SIDEWALK ALONG WARD BLVD/NC 58 WEST OF US 301 AND ALONG HERRING AVE. INSTALL TEMPORARY RIGHT LANE CLOSURE ON HERRING AVE. AND CONSTRUCT OUTSIDE CURB AND GUTTER.

STEP 3B: (TMP-6B, 6C, 6D)

CLOSE THE INSIDE LANES FOR BOTH DIRECTIONS OF HERRING AVE. AND CONSTRUCT MONOLITHIC MEDIAN ISLAND, MILLING/PAVING THRU THE FINAL SURFACE LAYER AND PLACE FINAL PAVEMENT MARKINGS.

STEP 3C:

COMPLETE SIDEWALK ALONG WARD BLVD./NC 58 WEST OF US 301 AND ALONG HERRING AVE

STEP 4: PAVE FINAL SURFACE LAYER AND FINAL MARKINGS

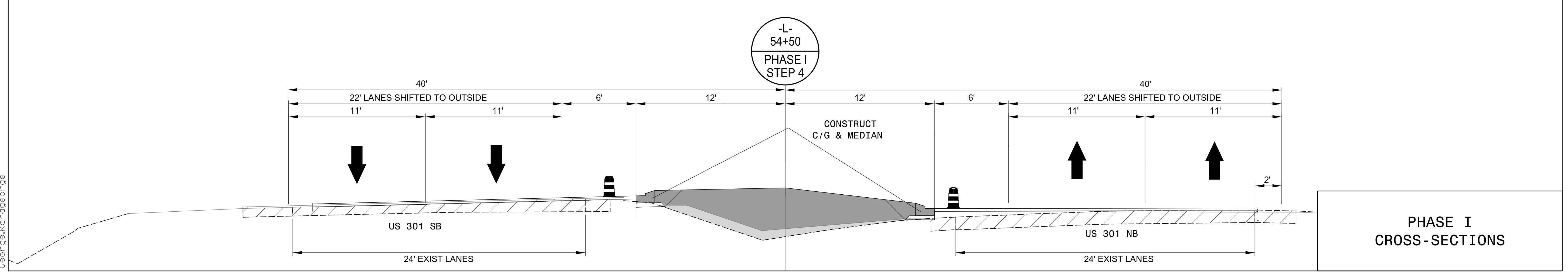
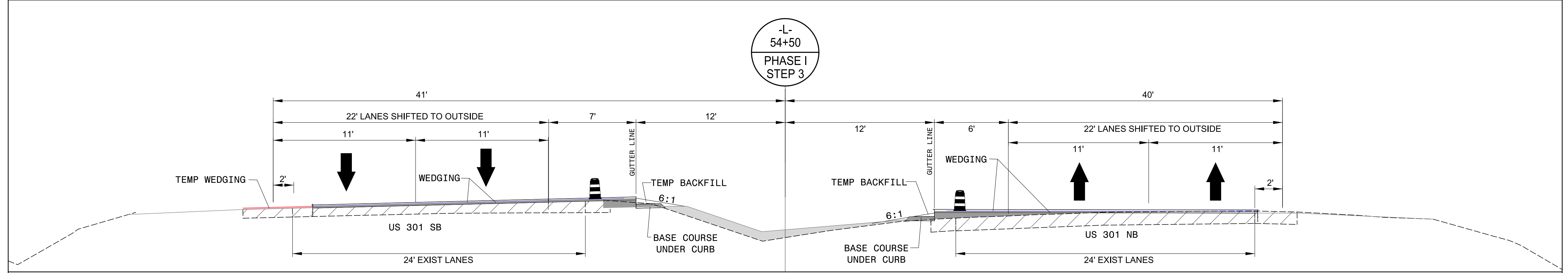
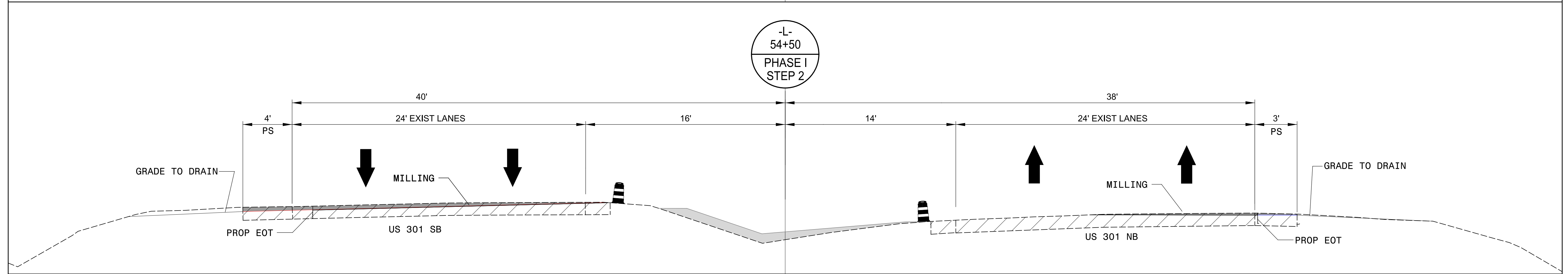
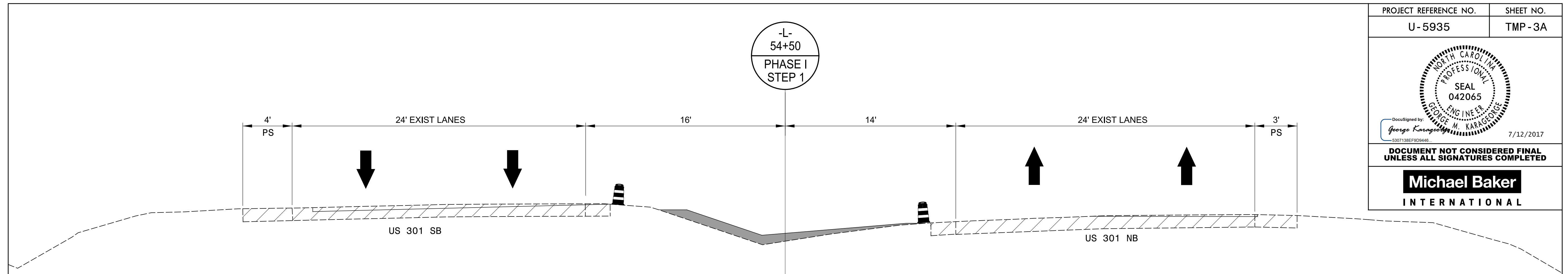
USE TEMPORARY LANE CLOSURES PER RSD 1101.02 SH 1 & 3 OF 15 AND LAW ENFORCEMENT AT SIGNALIZED INTERSECTIONS DURING FINAL PAVING AND SIGNAL OPERATIONS ALONG US 301(-L) AND WARD/HERRING .

PAVE THE FINAL SURFACE LAYER AND INSTALL FINAL PAVEMENT MARKINGS

PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-3
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PHASING NARRATIVE

PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-3A
<p>Michael Baker INTERNATIONAL</p>	



**PHASE I
CROSS-SECTIONS**

7/7/2017
 R:\Traffic\TrafficControl\PLAN SHEETS\U-5935 TMP_03A PH I SECTIONS.dgn
 George Karageorge

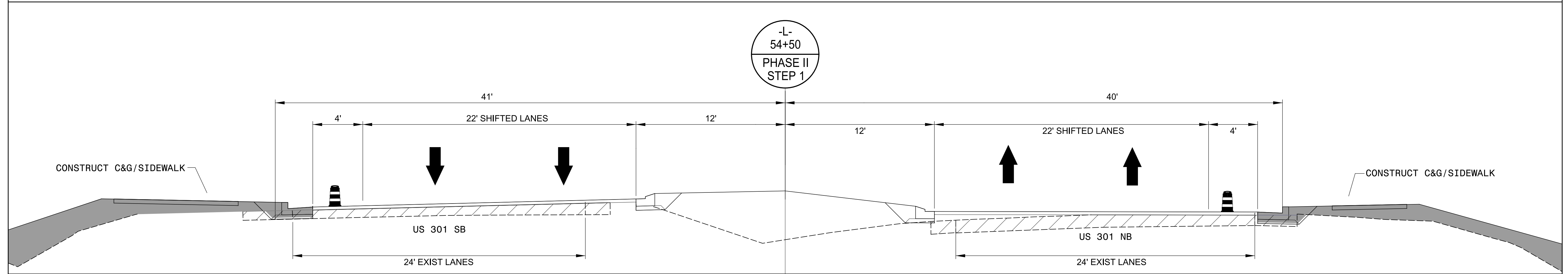
PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-3B


 SEAL
 042065
 PROFESSIONAL ENGINEER
 GEORGE M. KARAGEORGE
 State of North Carolina

DocuSigned by:
 George Karageorge
5307126E920448
7/12/2017

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Michael Baker
INTERNATIONAL



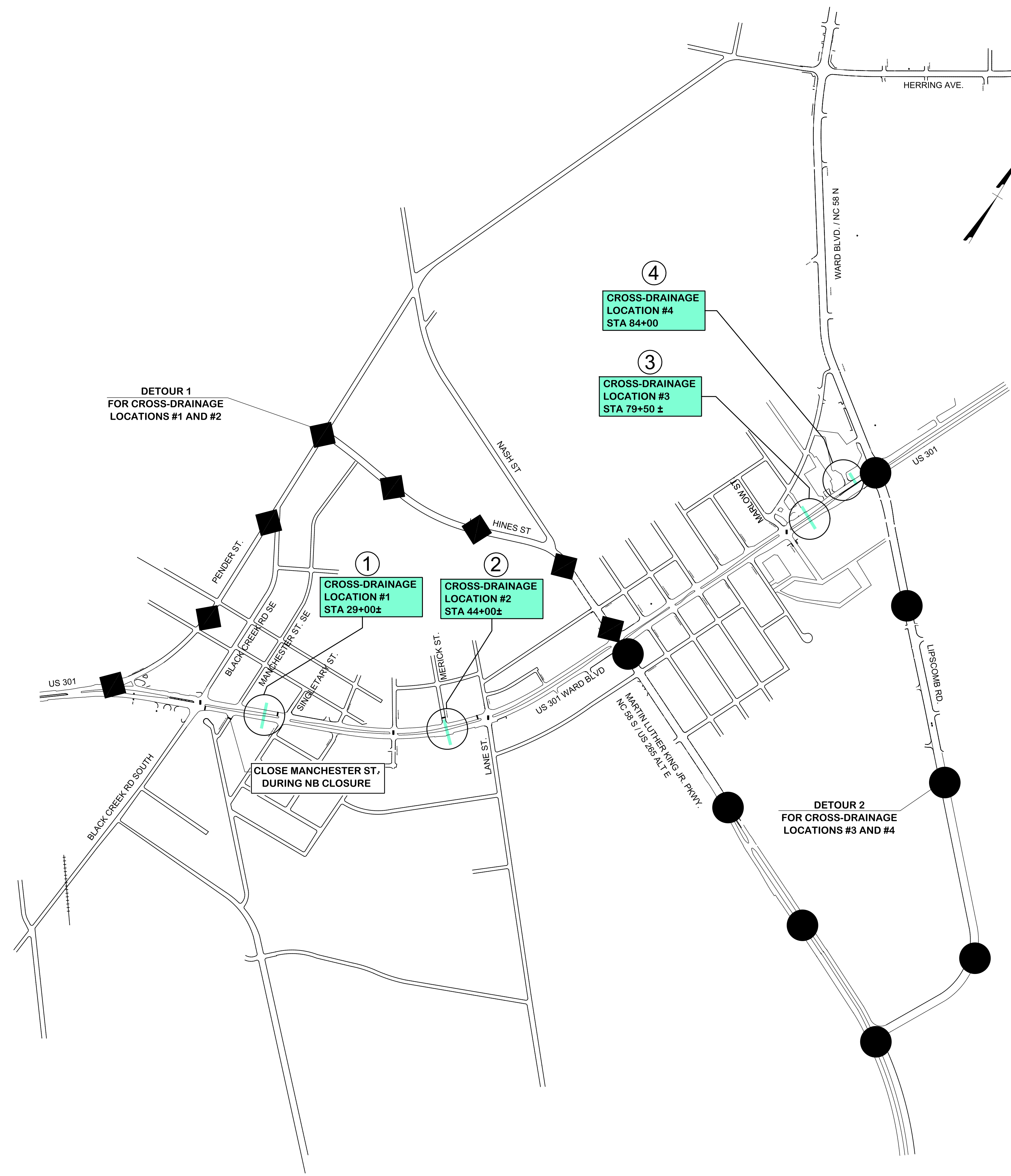
**PHASE II
CROSS-SECTIONS**

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INTERNATIONAL



EXAMPLE MESSAGES

MESSAGES DURING ROAD CLOSURE

CHANGEABLE MESSAGE SIGN

ROAD CLOSED AHEAD	FOLLOW DETOUR
-------------------	---------------

MESSAGES PRIOR TO CLOSURE FOR PUBIC INFO

CHANGEABLE MESSAGE SIGN

ROAD CLOSED	DETOUR LEFT
-------------	-------------

MESSAGES PRIOR TO CLOSURE FOR PUBIC INFO

CHANGEABLE MESSAGE SIGN

US 301 NEXT RIGHT	DETOUR RIGHT
-------------------	--------------

MESSAGES PRIOR TO CLOSURE FOR PUBIC INFO

CHANGEABLE MESSAGE SIGN

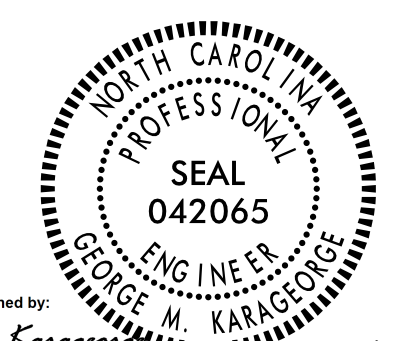

ROAD CLOSING MM/DD	PLAN ALT ROUTE
--------------------	----------------

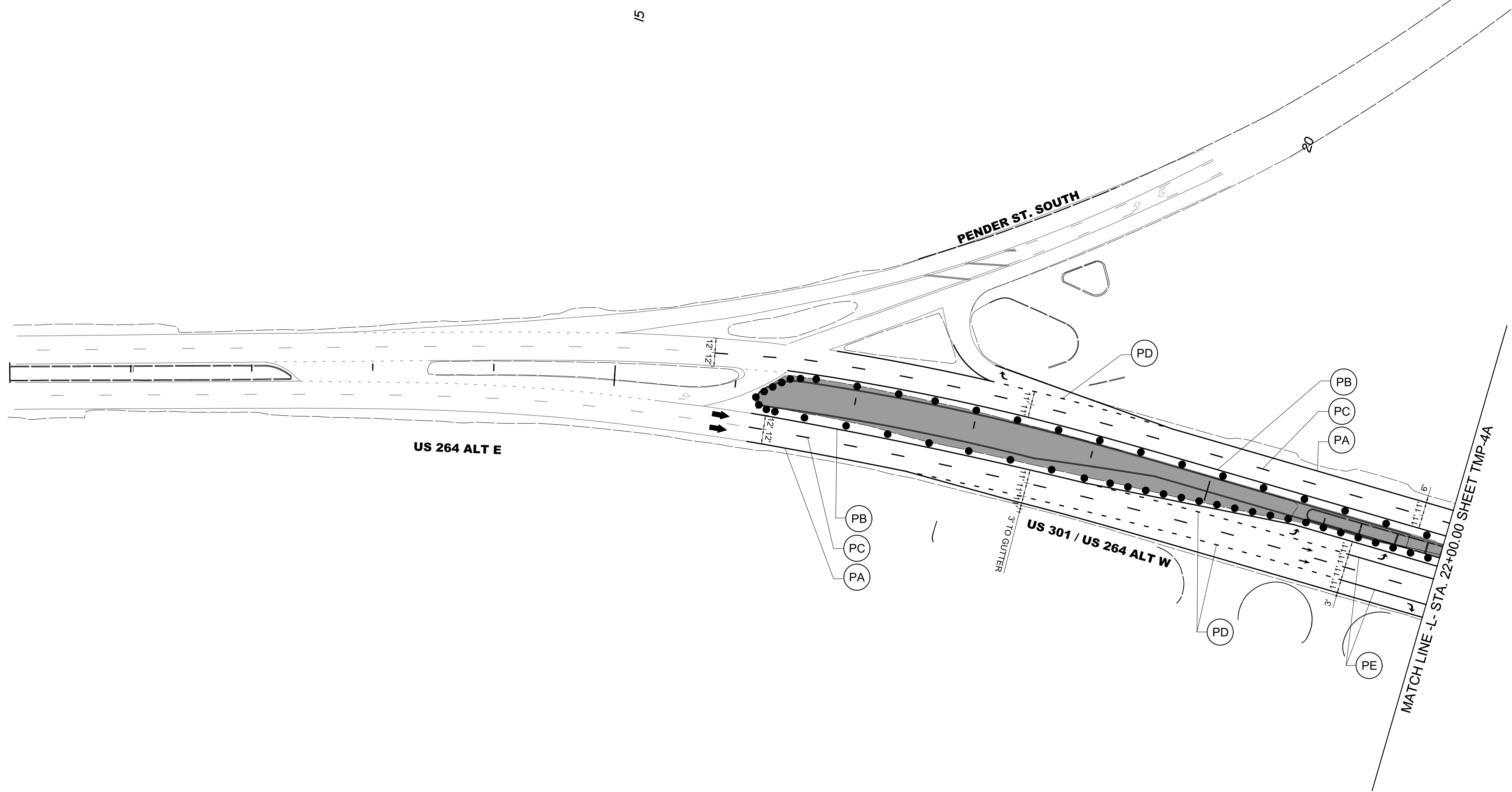
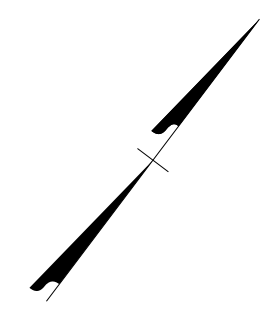
NOTES:

- DO NOT IMPLEMENT DETOURS #1 AND #2 SIMULTANEOUSLY
- DO NOT IMPLEMENT ROAD CLOSURES FOR US 301 (WARD BLVD) NORTHBOUND AND SOUTHBOUND SIMULTANEOUSLY. ONLY ONE DIRECTION MAY BE CLOSED AT A TIME.
- MESSAGES ARE EXAMPLES AND WILL REQUIRE MODIFICATION AS APPROVED BY THE ENGINEER.
- CHANGEABLE MESSAGE SIGNS ARE TO BE FIELD LOCATED AS DIRECTED BY THE ENGINEER.
- DISPLAY PUBLIC INFORMATION MESSAGES APPROXIMATELY ONE WEEK PRIOR TO ROAD CLOSURE.
- USE LAW ENFORCEMENT AND TYPE III BARRICADES AT THE POINT OF ROAD CLOSURE. ADDITIONAL STAGGERED BARRICADES MAY BE PLACED IN ADVANCE TO ALLOW FOR LOCAL TRAFFIC ACCESS.
- TEMPORARY LANE CLOSURES MAY BE USED TO REDUCE TRAFFIC TO ONE LANE IN THE APPROACHES TO THE ROAD CLOSURE POINTS. REFER TO RDWY. STD. 1101.02 SHEET 3 OF 15.

PHASE I
US 301 DETOURS FOR
CROSS-DRAINAGE
CONSTRUCTION

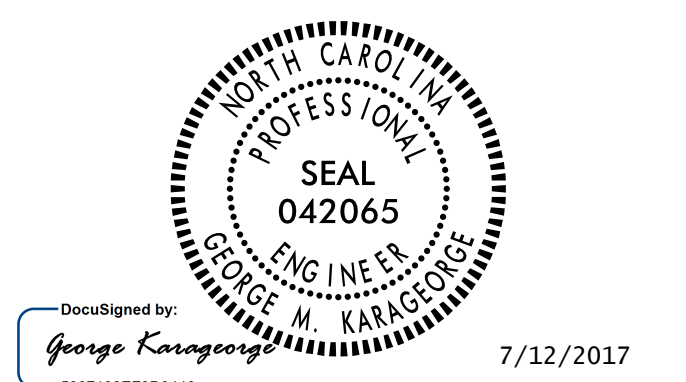
7/7/2017
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PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-4
	
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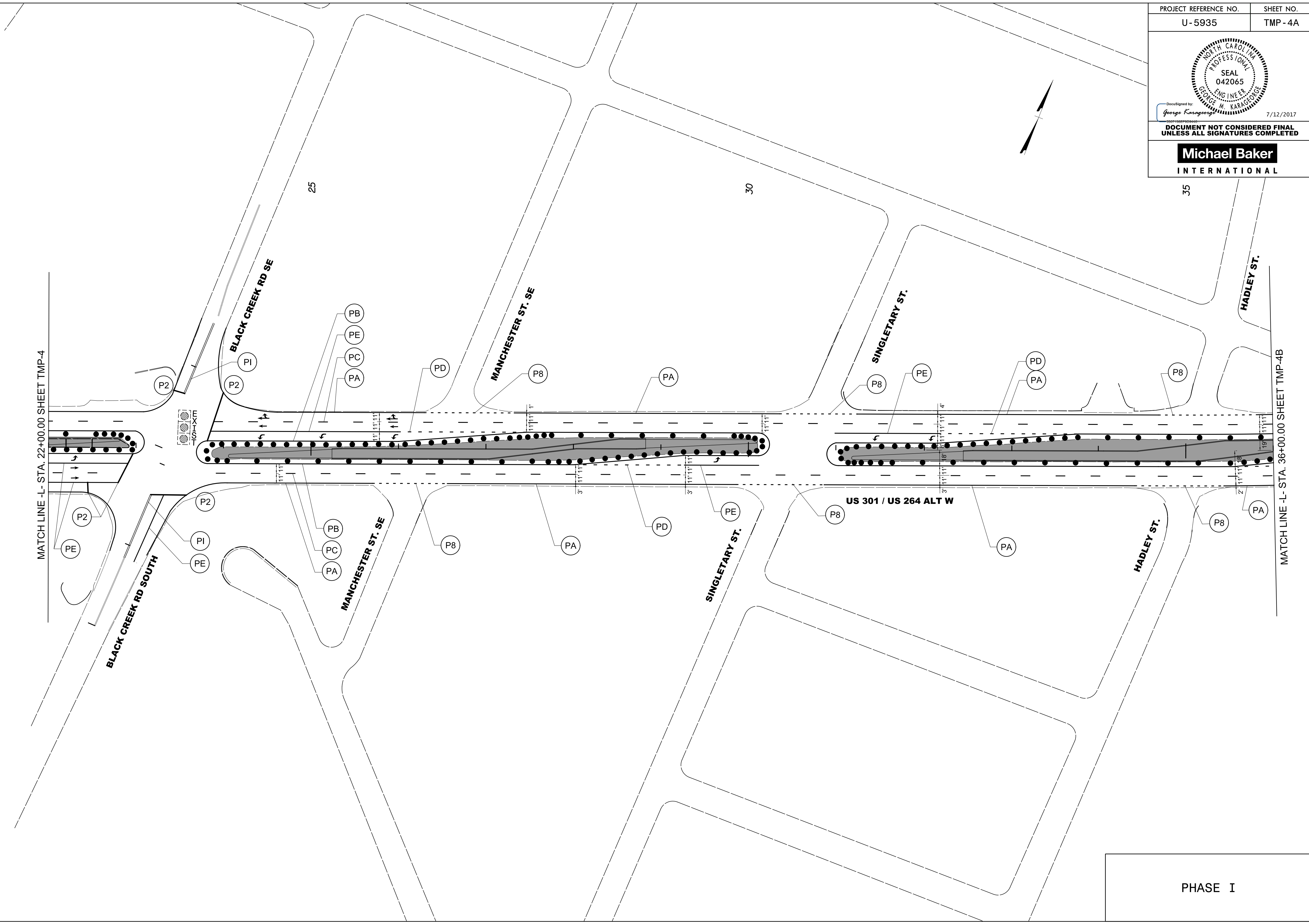
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PHASE I



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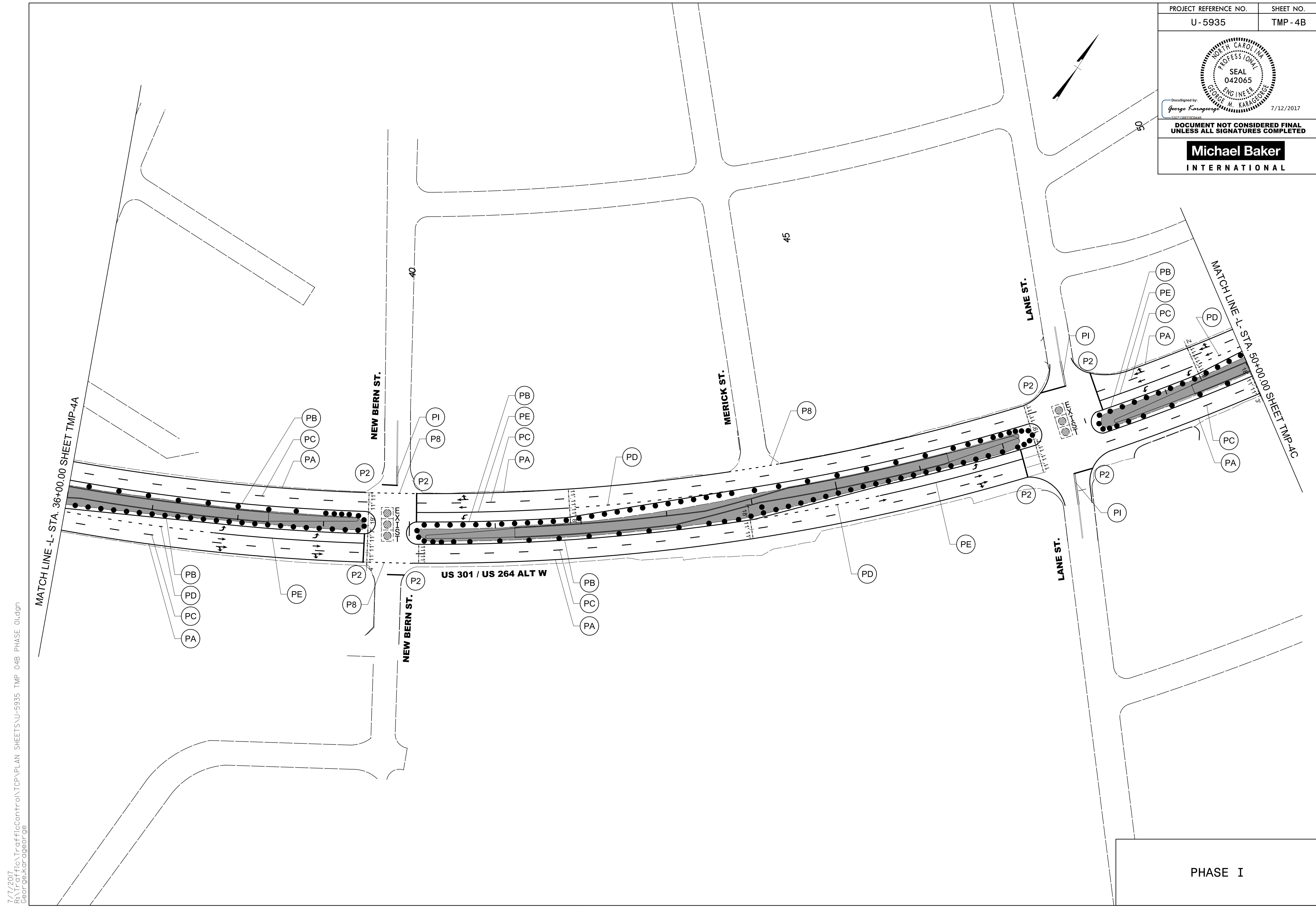
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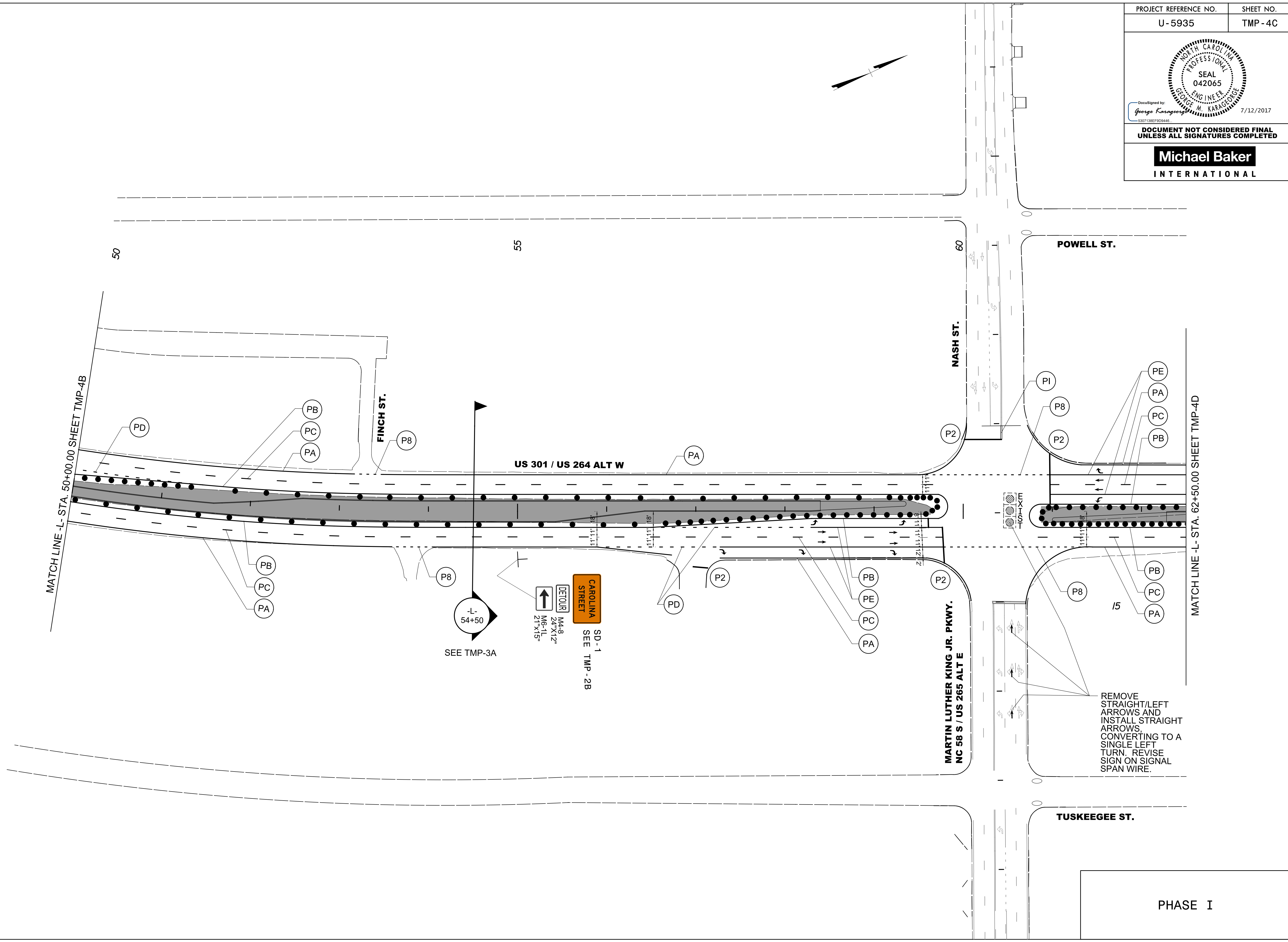
PHASE I

PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-4B
Designed by: <i>George Karageorge</i> 7/12/2017	
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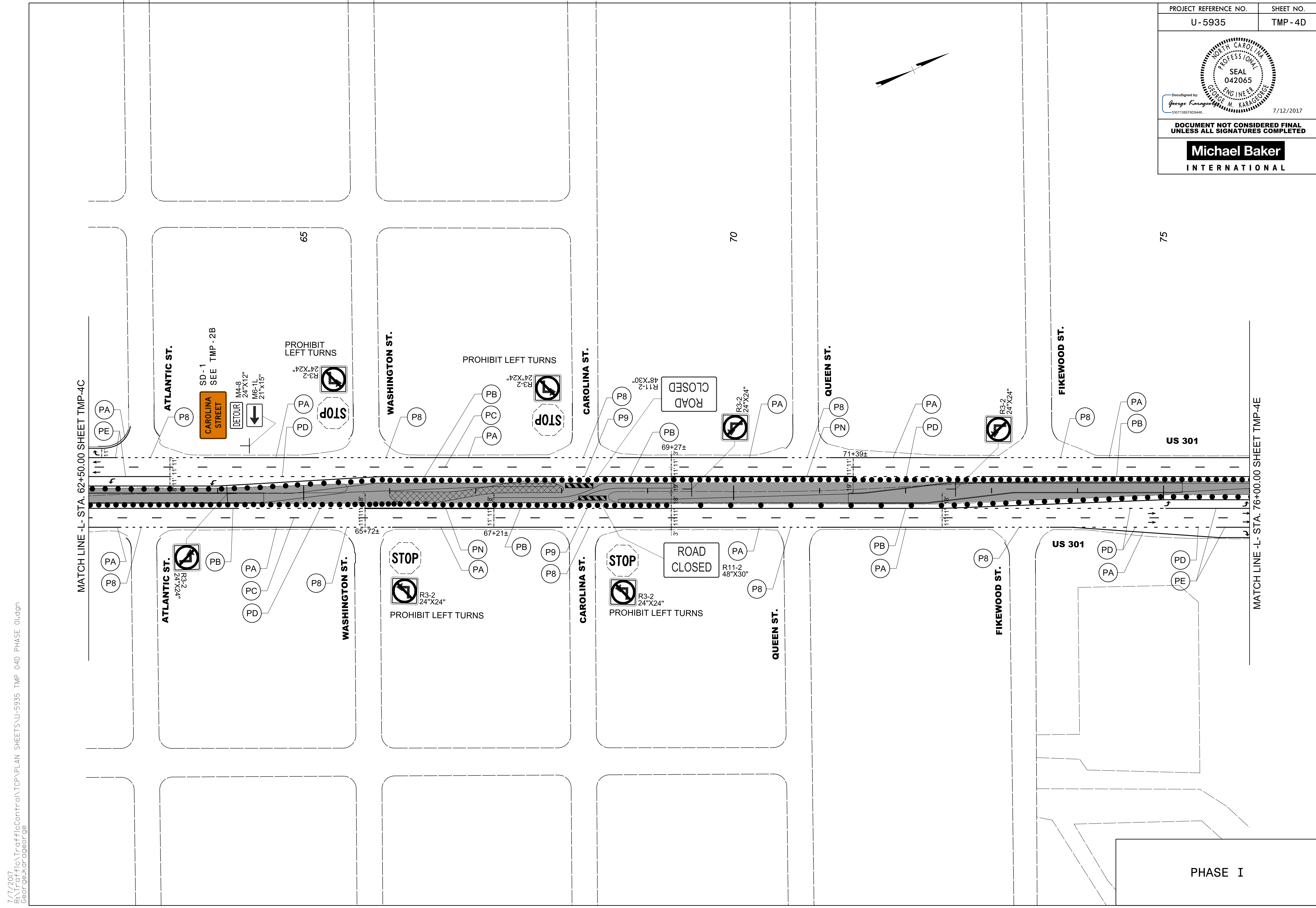
PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-4C
Documented by: <i>George Karageorge</i> GEORGE M. KARAGEORGE 7/12/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



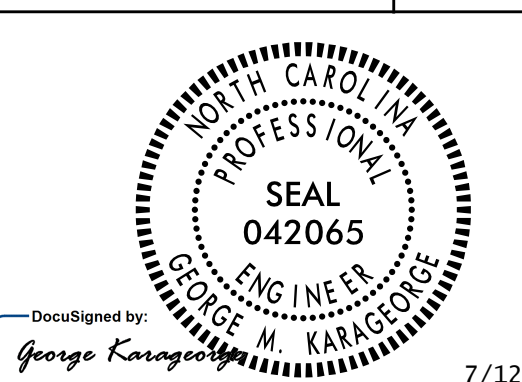
7/7/2017
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 George Karageorge

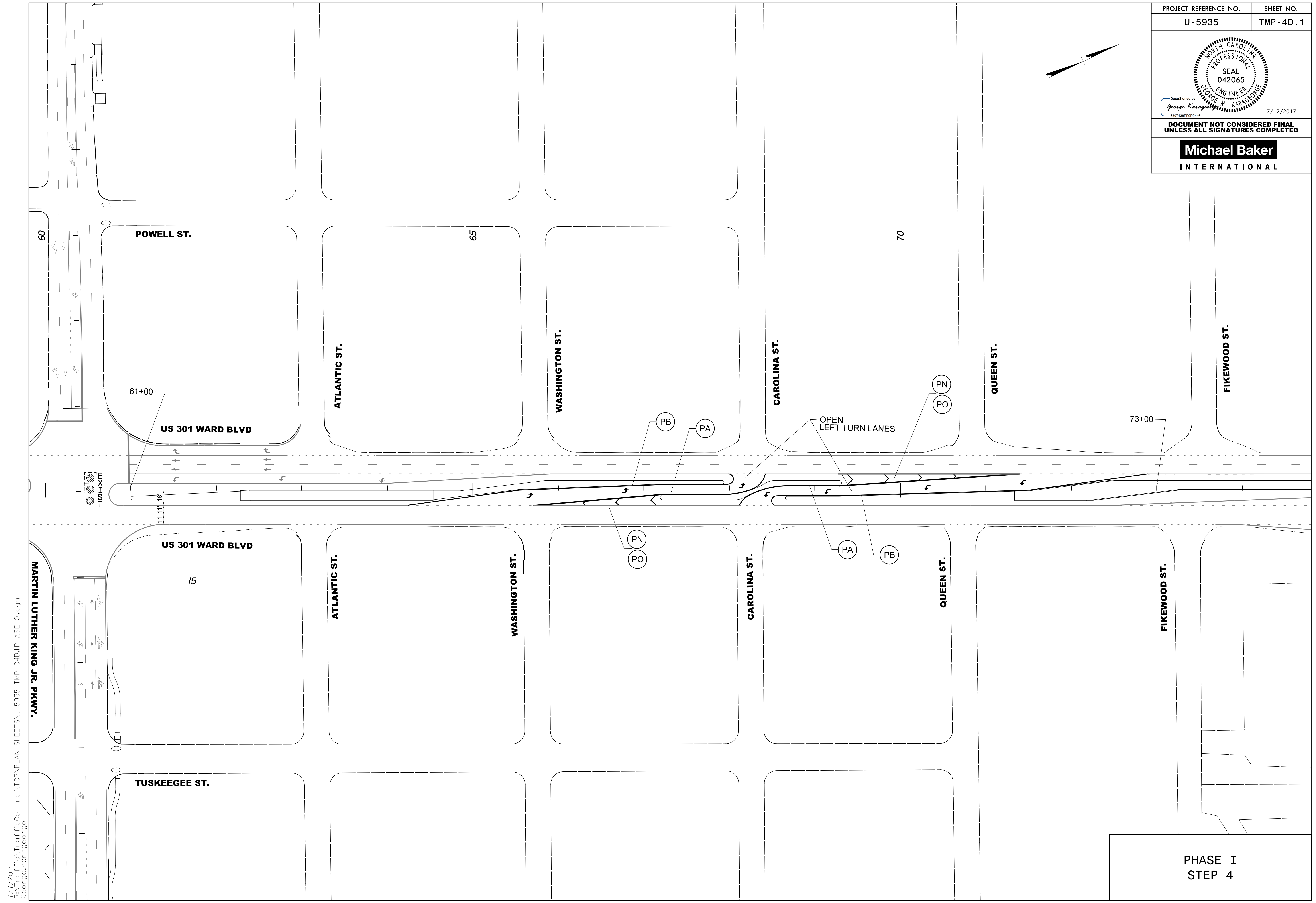
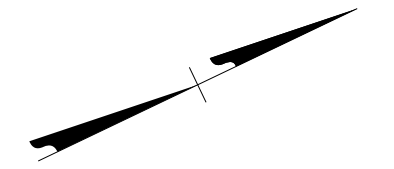
PHASE I

PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-4D
<small>Documented by: George Karageorge</small> <small>5307138EF90846</small>	
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 George Karageorge

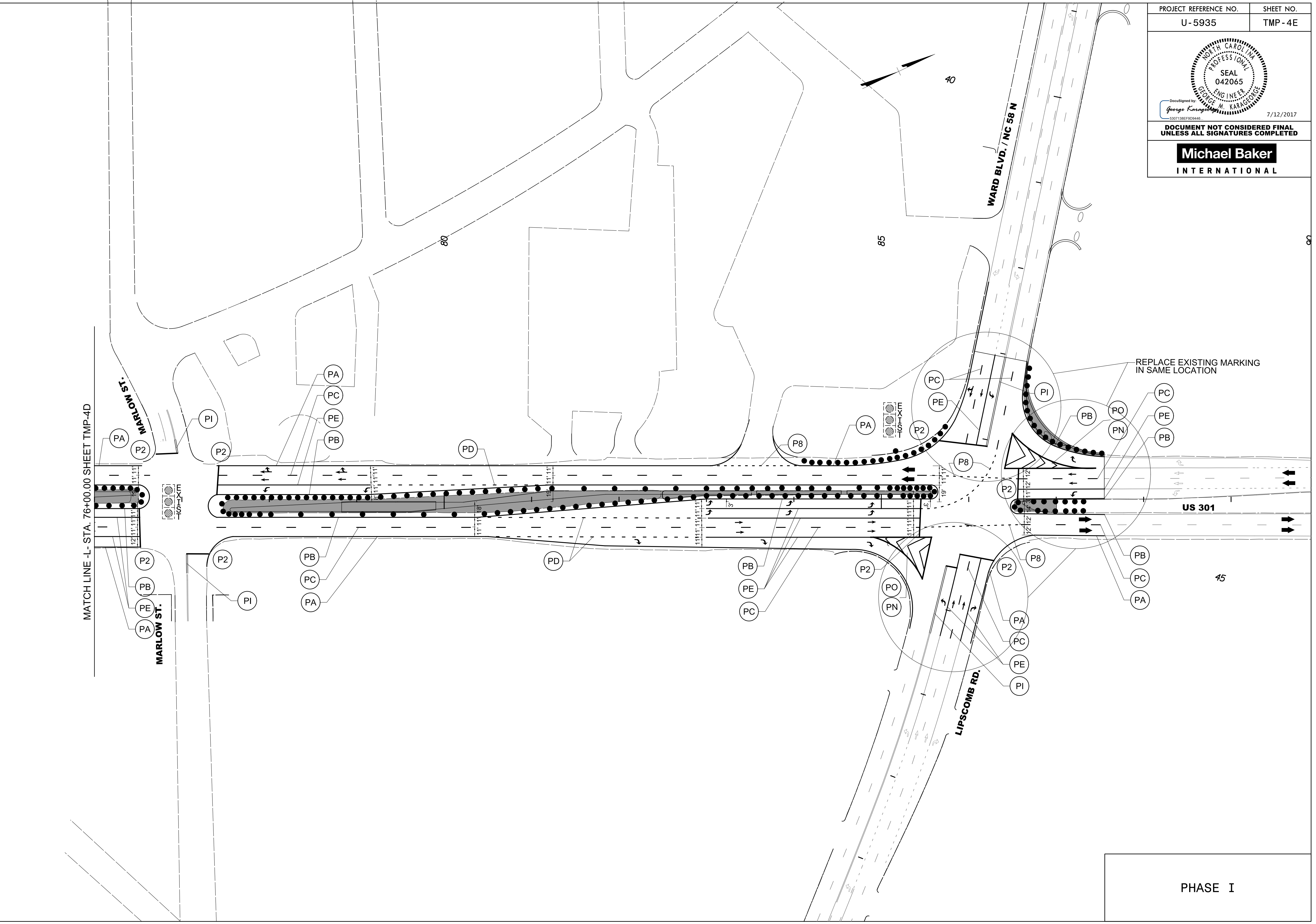
PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-4D.1
	
Documented by <i>George Karageorge</i> GEORGE M. KARAGEORGE 530718E5F9D846 7/12/2017	
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 George Karageorge



**PHASE I
STEP 4**

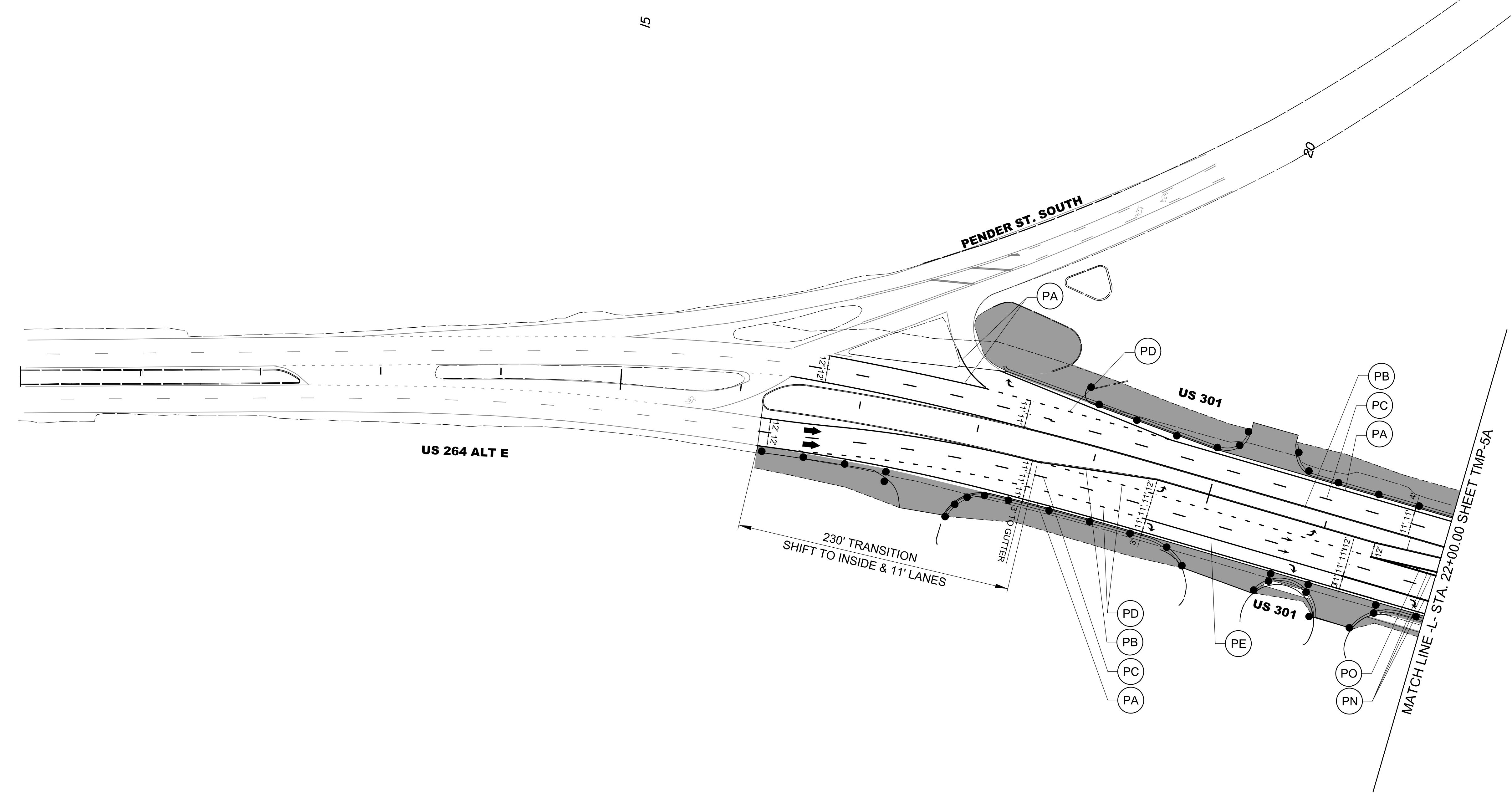
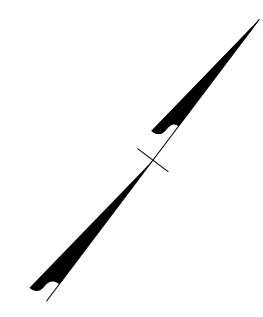
PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-4E
Documented by: <i>George Karageorge</i> 53071382F90944 7/12/2017	
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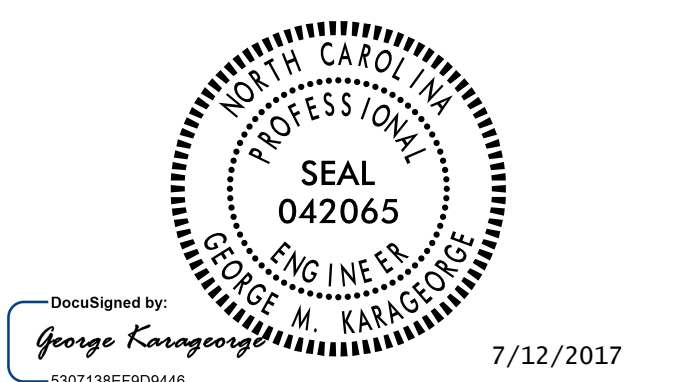
PHASE I

PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-5
	
Discussed by: <i>George Karageorge</i> 7/12/2017	
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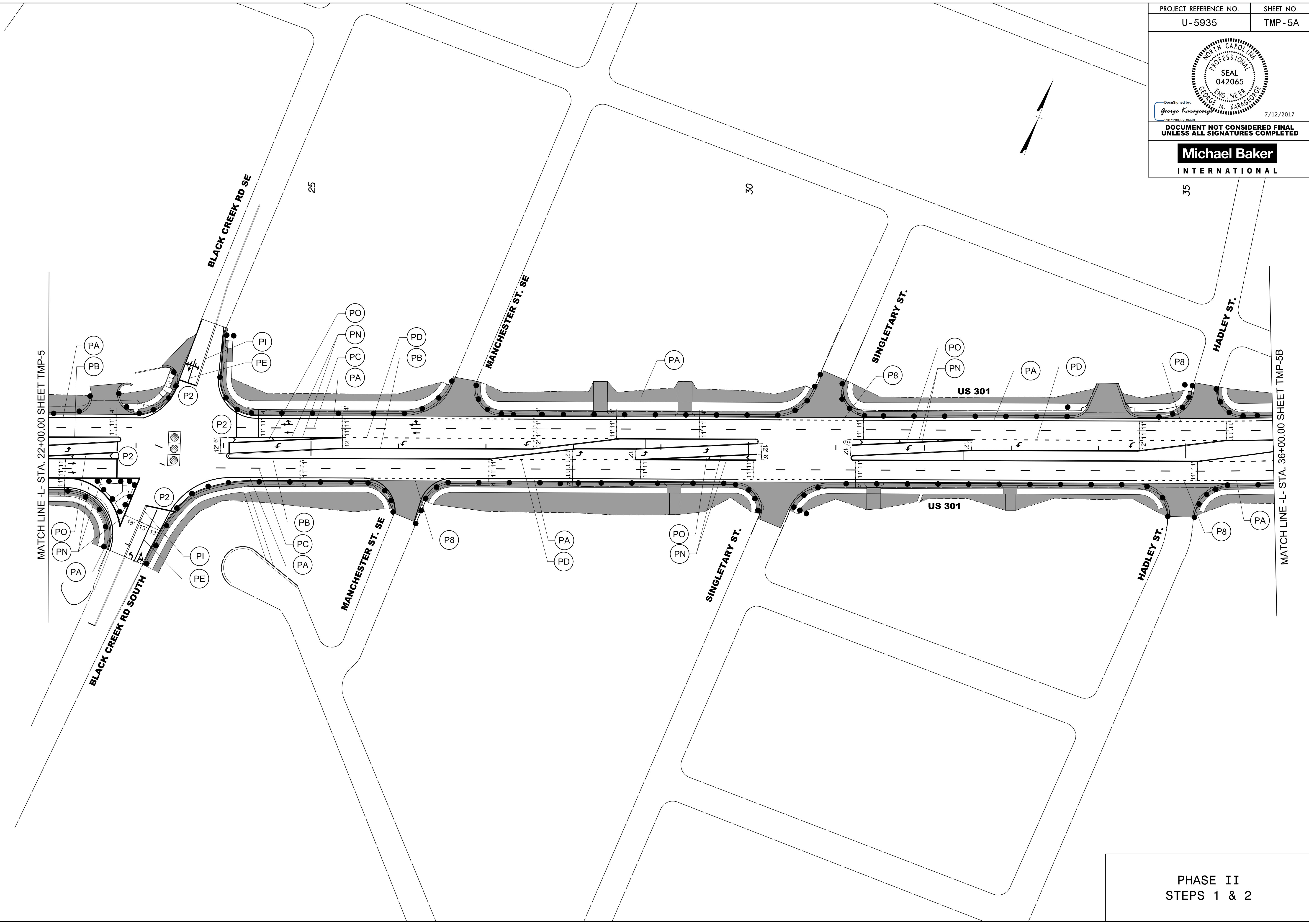
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**PHASE II
STEPS 1 & 2**





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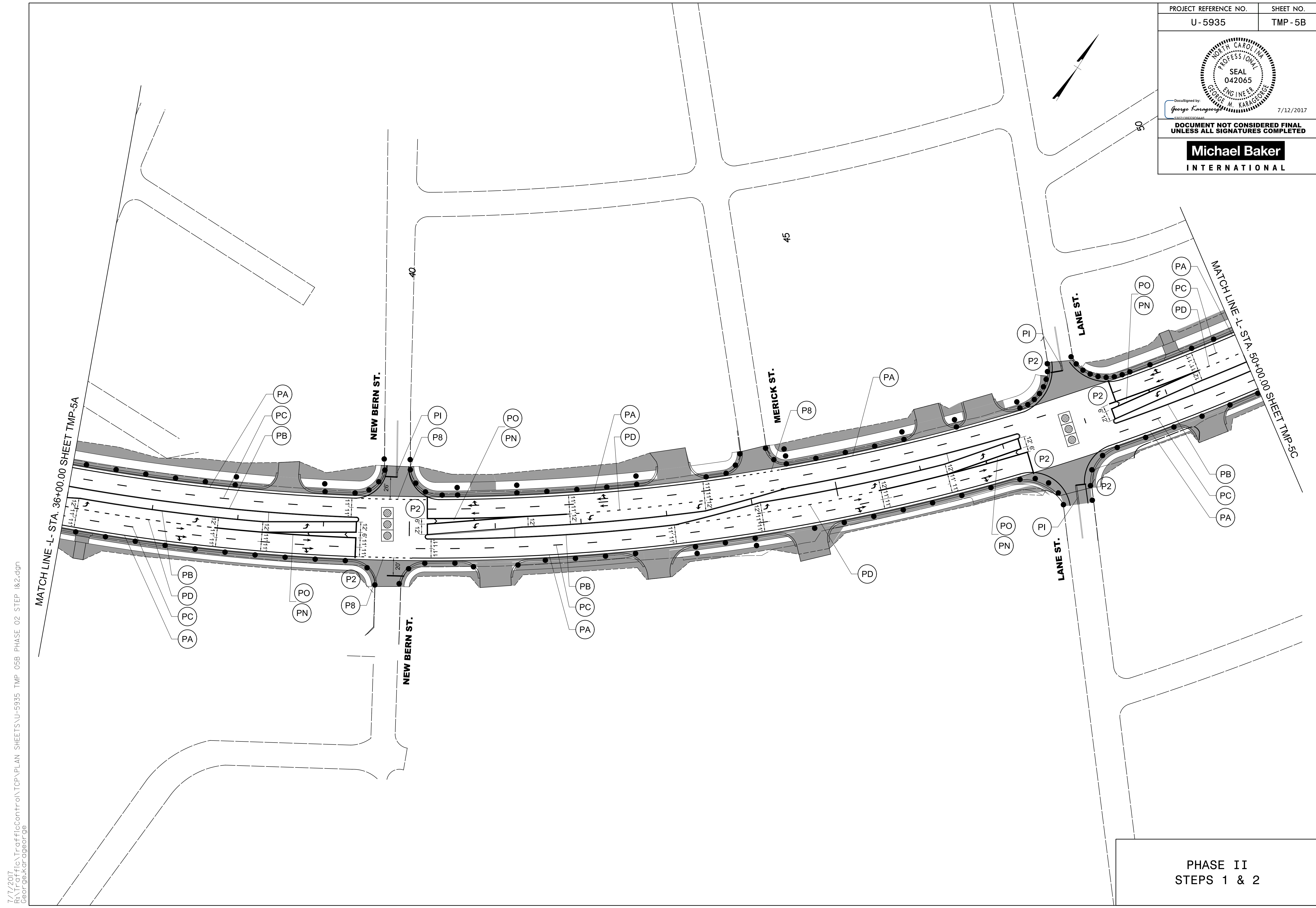
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bir-git.mackenzie



PHASE II
STEPS 1 & 2

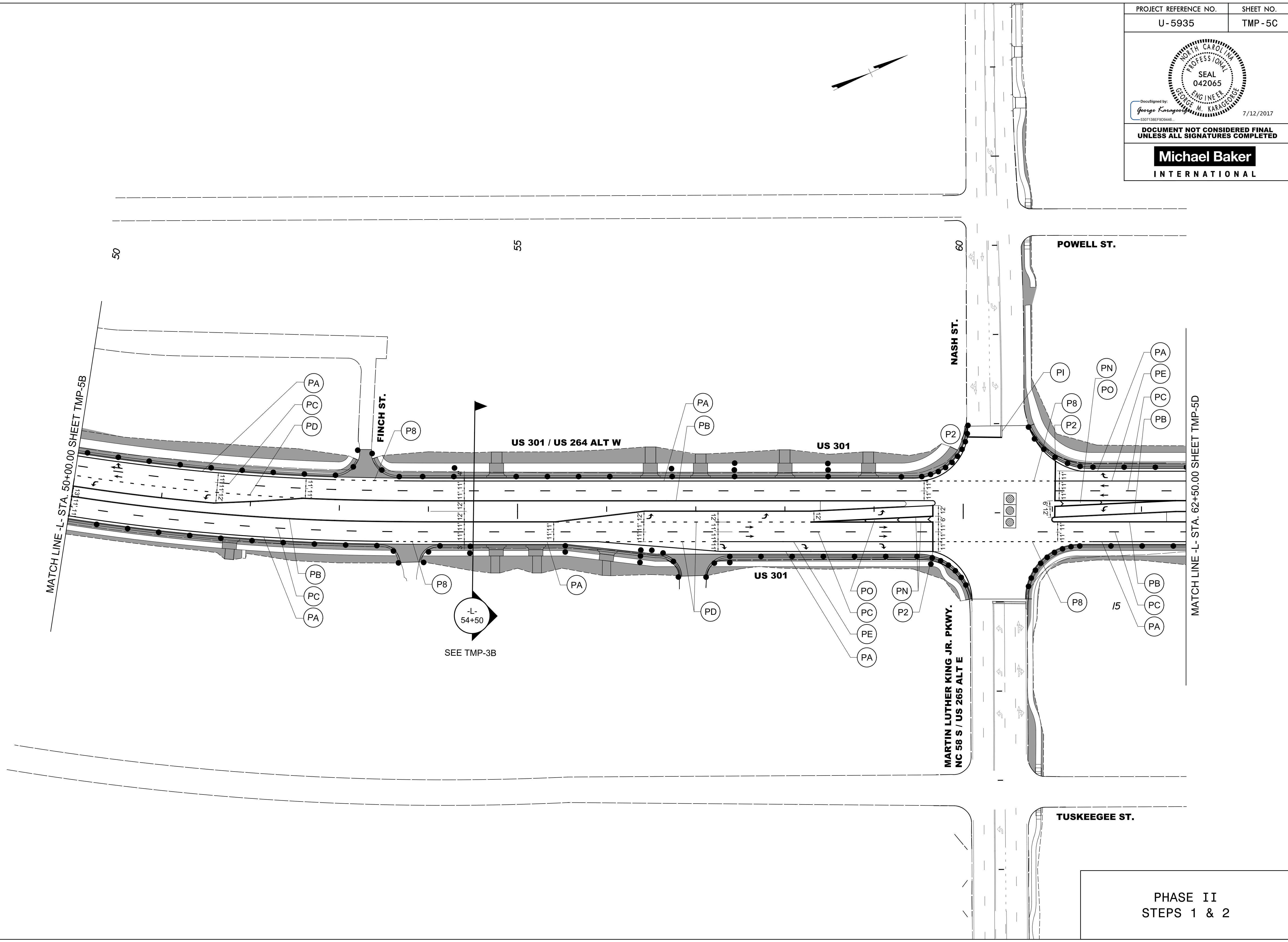
PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-5B
	
Documented by: <i>George Karageorge</i> GEORGE M. KARAGEORGE 7/12/2017	
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**PHASE II
STEPS 1 & 2**

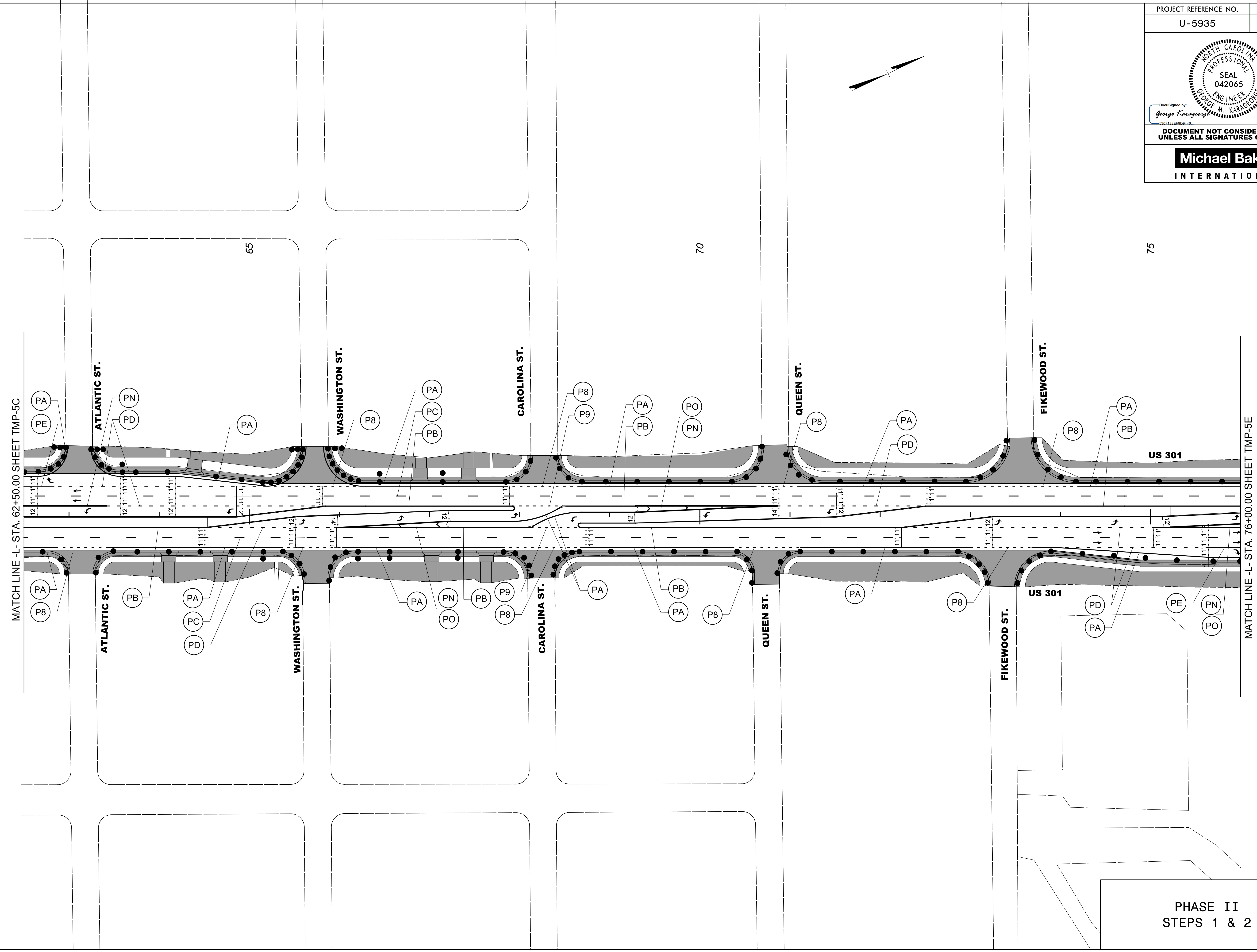
PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-5C
	
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 George Karageorge

**PHASE II
STEPS 1 & 2**

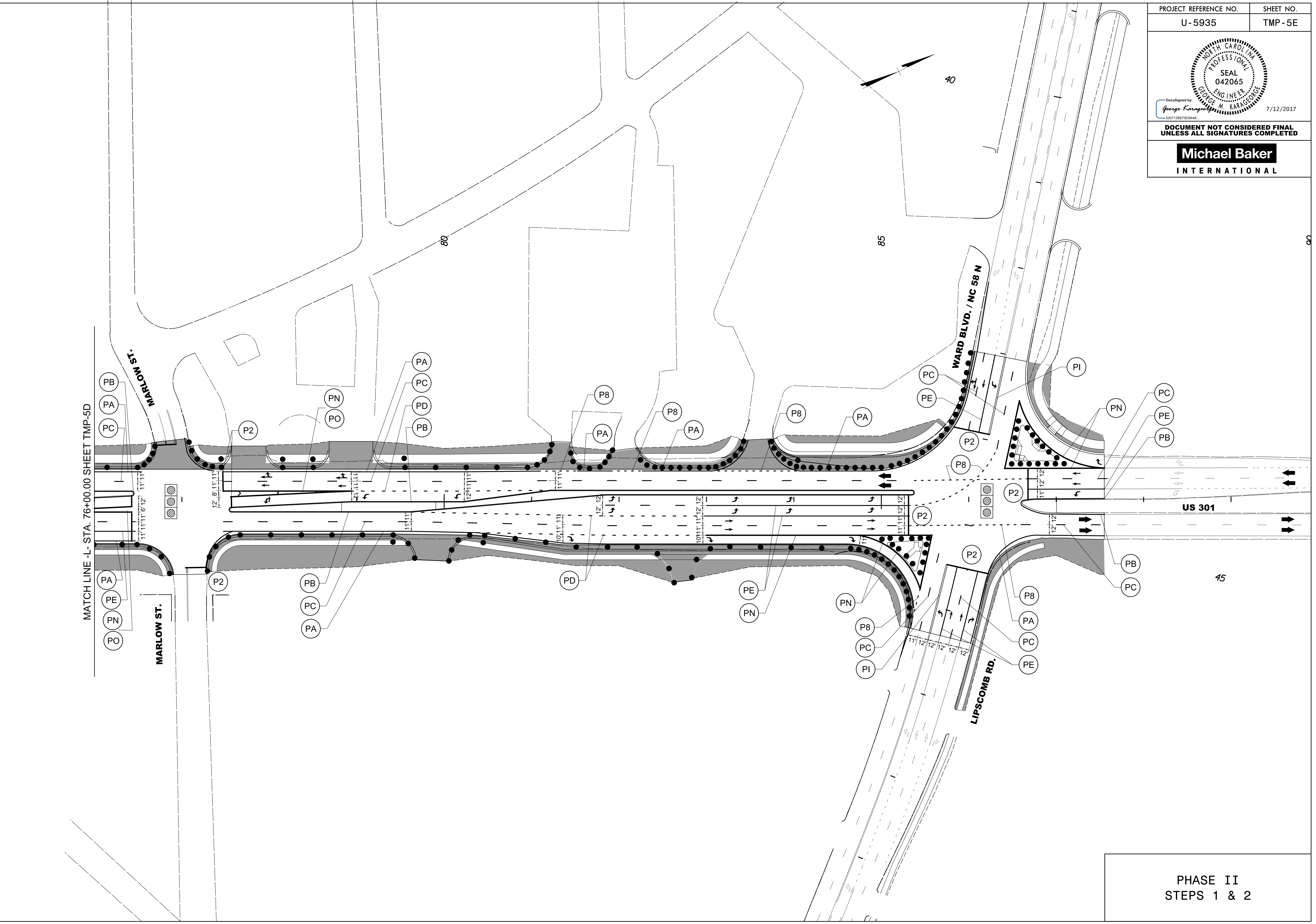
PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-5D
	
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**PHASE II
STEPS 1 & 2**

PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-5E
DocuSigned by: George Karageorge 3307158E9D0448 7/12/2017	
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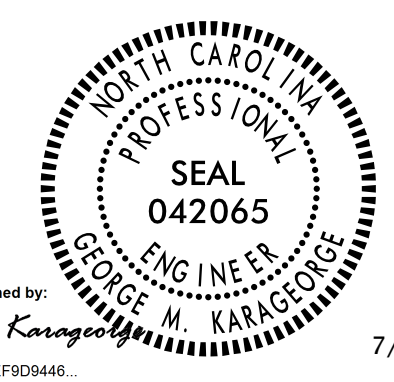


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 George Karageorge

MATCH LINE -L- STA. 76+00.00 SHEET TMP-5D

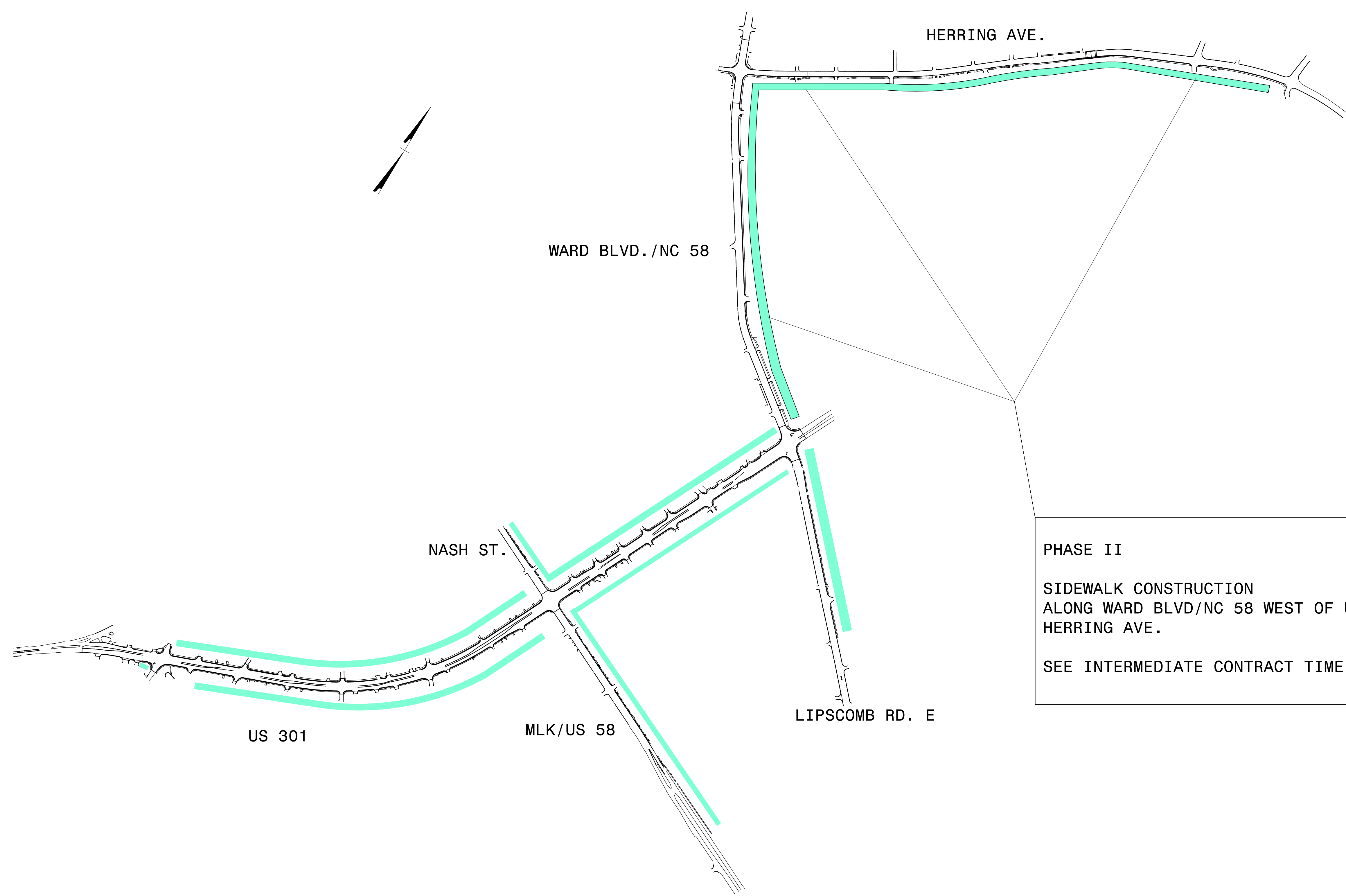
**PHASE II
STEPS 1 & 2**

PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-6


 SEAL
 042065
 PROFESSIONAL ENGINEER
 GEORGE M. KARAGEORGE
 State of North Carolina
 7/12/2017
 DocuSigned by:
 George Karageorge
 5307158E9D0448

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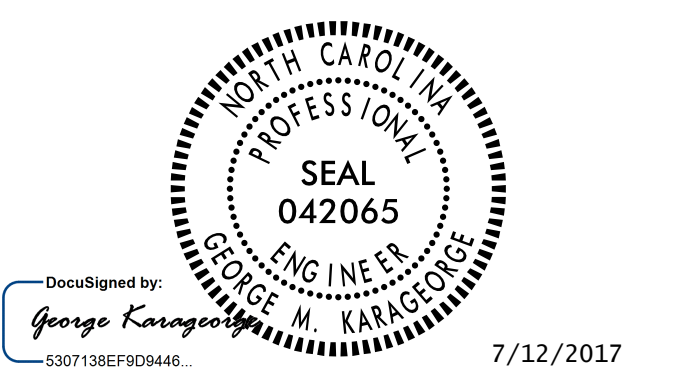
PHASE II

SIDEWALK CONSTRUCTION
 ALONG WARD BLVD/NC 58 WEST OF US 301 AND ALONG
 HERRING AVE.

SEE INTERMEDIATE CONTRACT TIME

PHASE II
 SIDEWALK CONSTRUCTION

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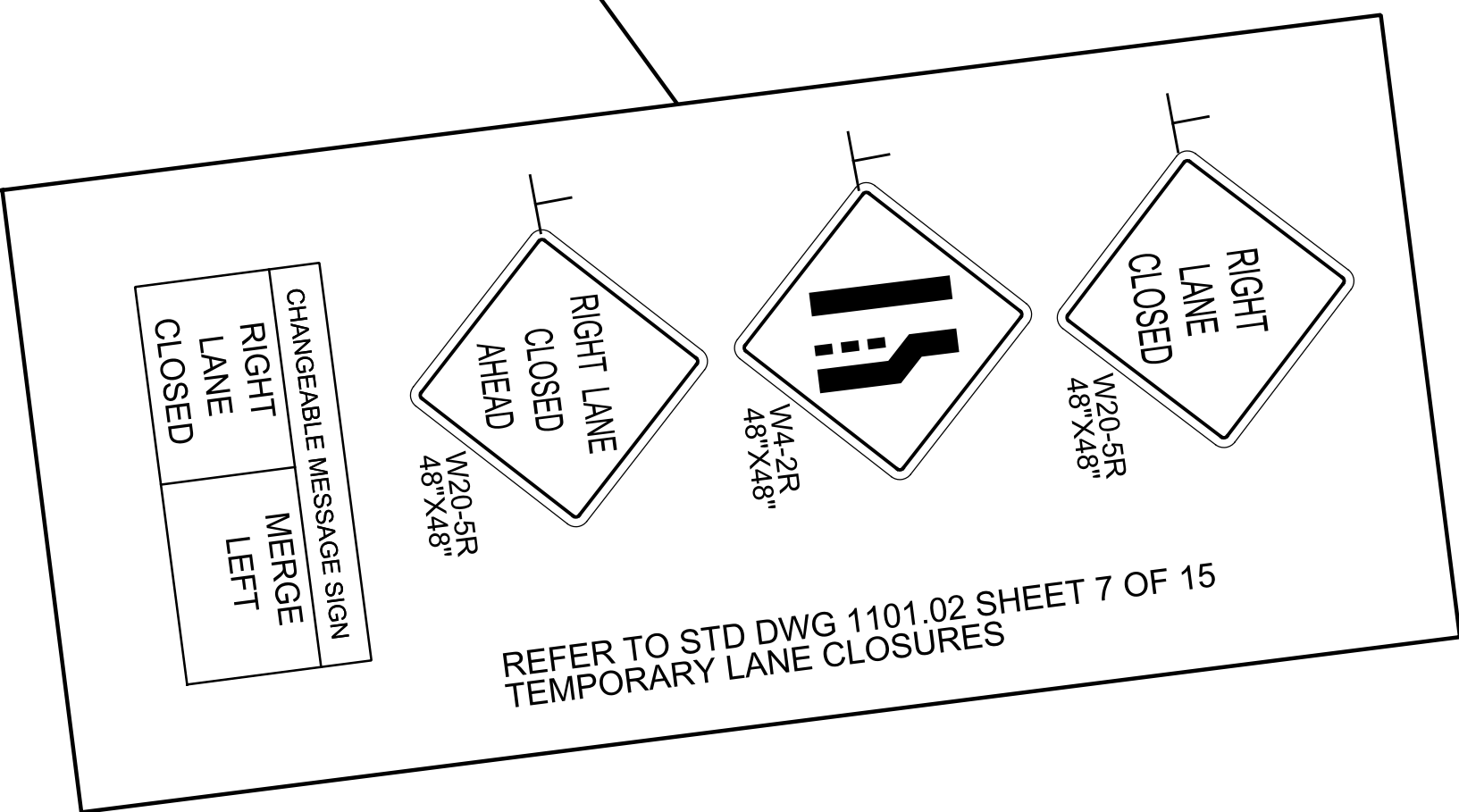
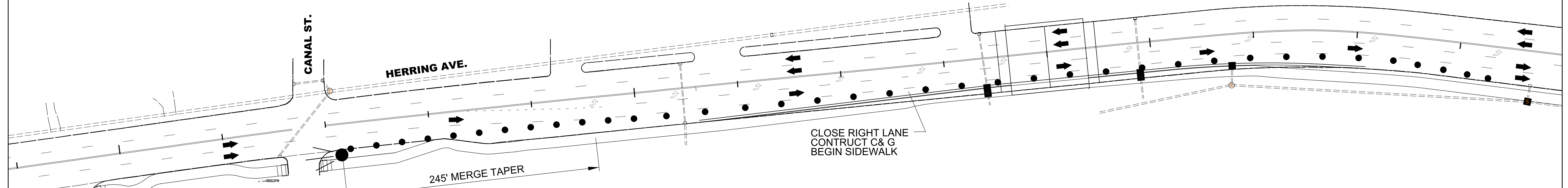
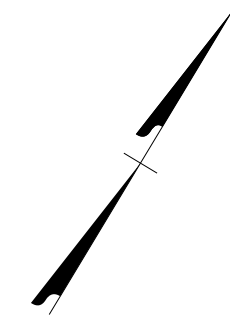
Michael Baker
INTERNATIONAL

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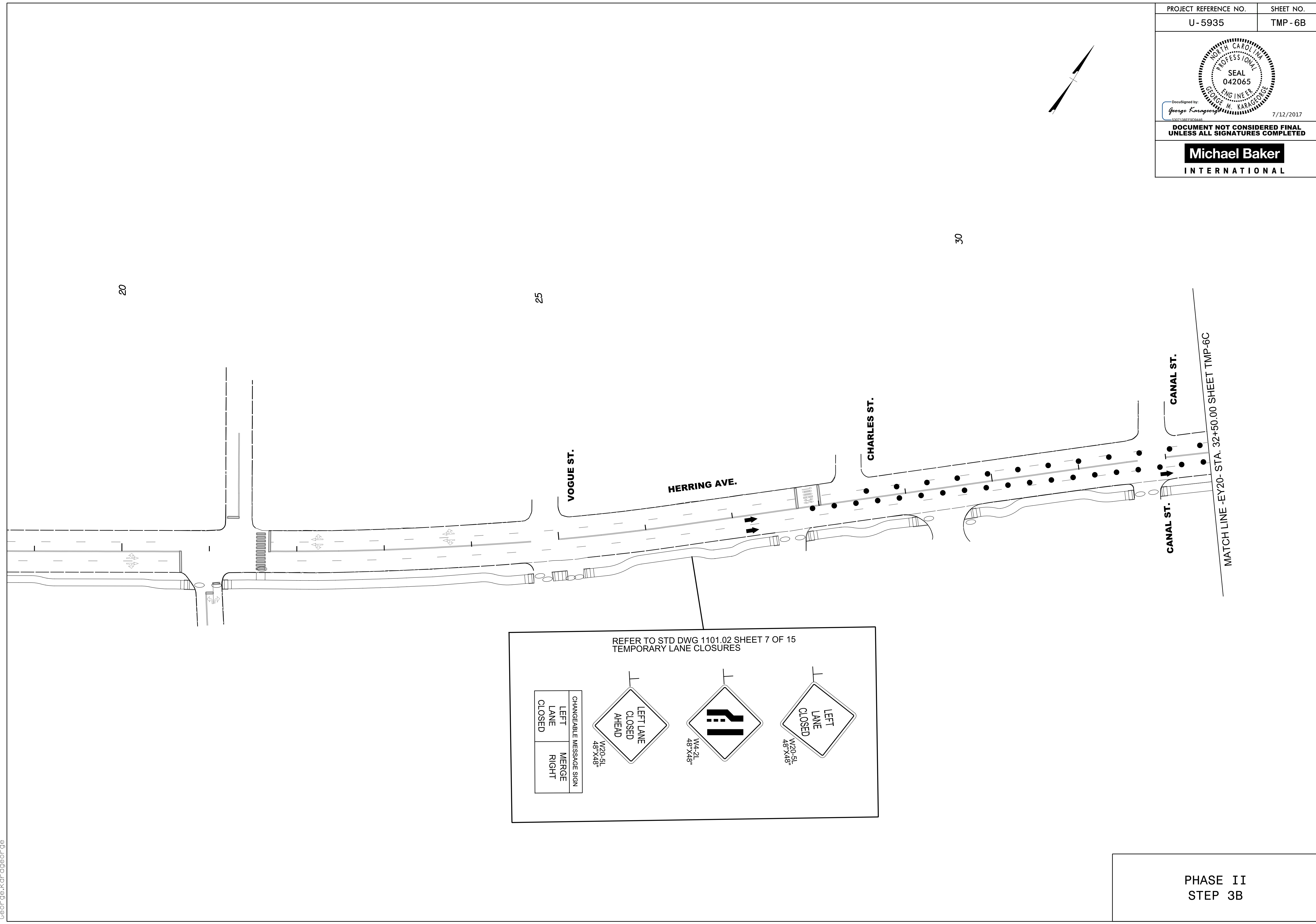


PHASE II
STEP 3A

7/7/2017
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PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-6B
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REFER TO STD DWG 1101.02 SHEET 7 OF 15
TEMPORARY LANE CLOSURES

CHANGEABLE MESSAGE SIGN	 W4-2L 48" X 48"	 W20-5L 48" X 48"
LEFT LANE CLOSED	LEFT LANE CLOSED AHEAD	LEFT LANE CLOSED
LANE	LANE	LANE
CLOSED	CLOSED AHEAD	CLOSED

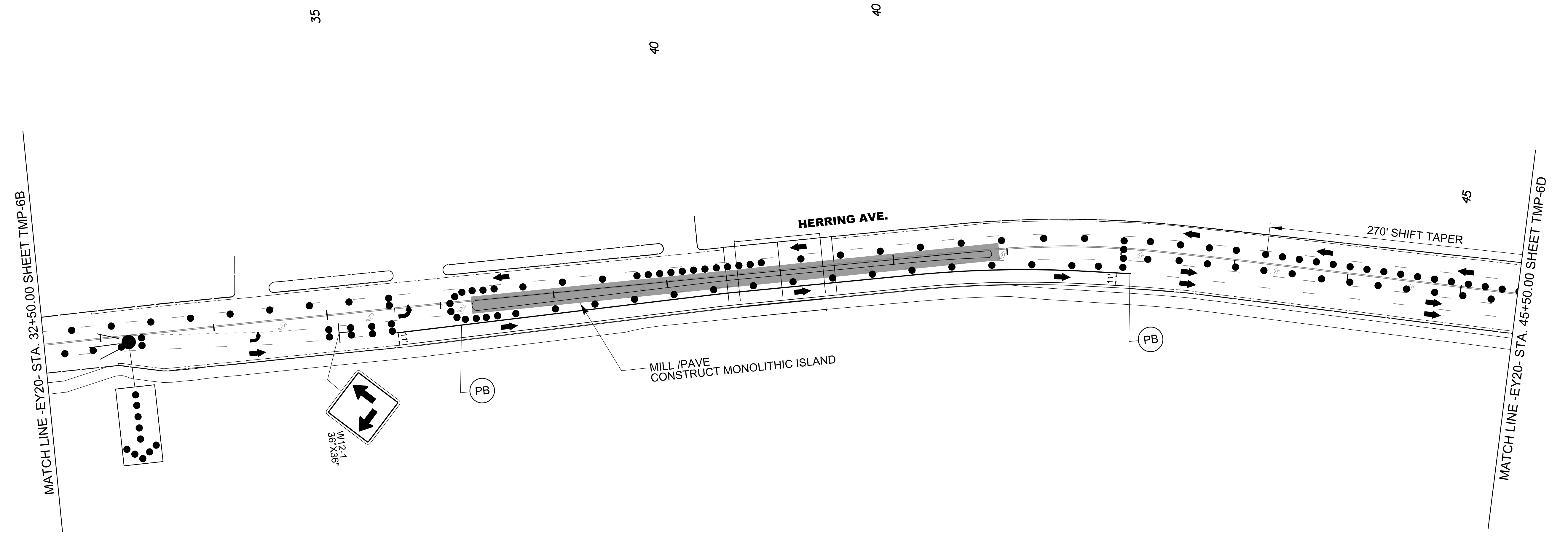
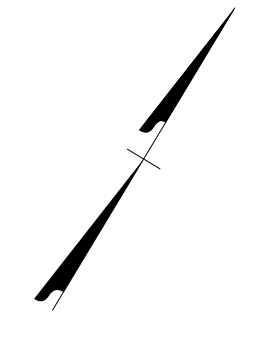
PHASE II
STEP 3B

PROJECT REFERENCE NO.	SHEET NO.
U-5935	TMP-6C


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 bir-git.mackenzie

**PHASE II
STEP 3B**

PROJECT REFERENCE NO. U-5935	SHEET NO. TMP-6D
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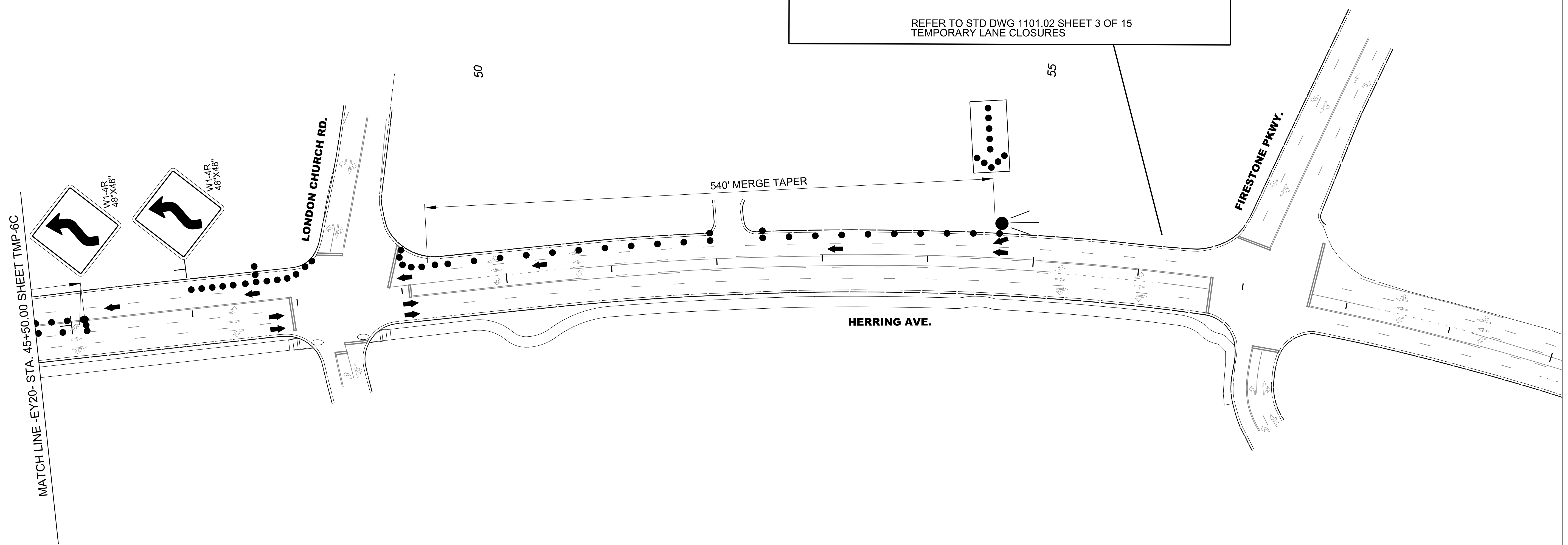
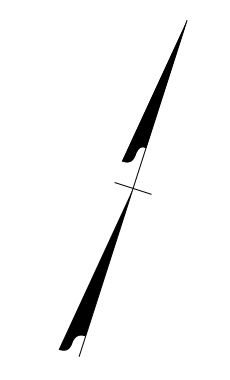
W20-5R
48" X 48"

W4-2R
48" X 48"

W20-5R
48" X 48"

CHANGEABLE MESSAGE SIGN	MERGE LEFT
RIGHT LANE CLOSED	RIGHT LANE CLOSED

REFER TO STD DWG 1101.02 SHEET 3 OF 15
TEMPORARY LANE CLOSURES



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 bir-git.mackenzie

PHASE II
STEP 3B