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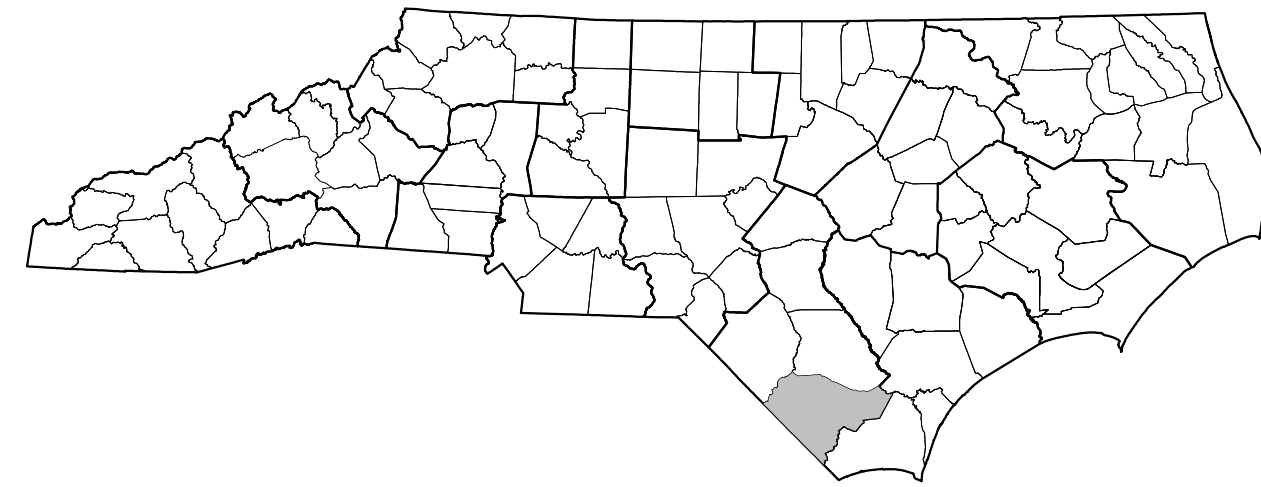
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

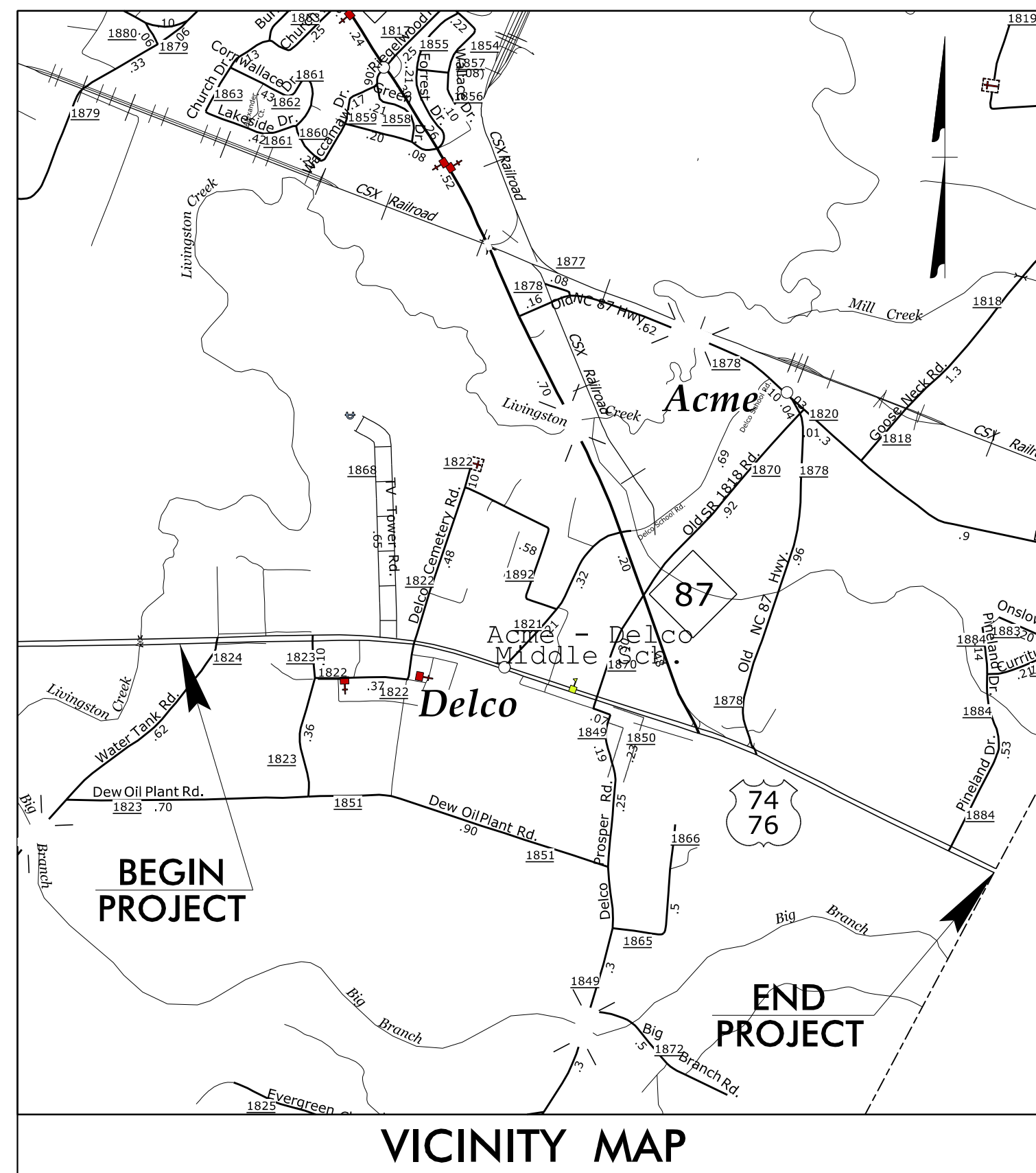
TRANSPORTATION MANAGEMENT PLAN

COLUMBUS COUNTY

DIVISION 6



US 74 FROM SR 1824 TO BRUNSWICK COUNTY LINE



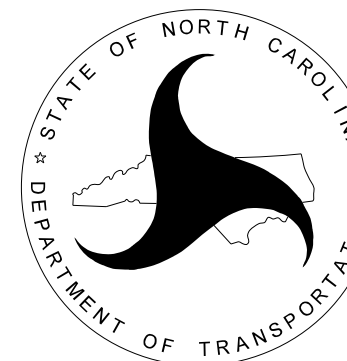
N.C.D.O.T. DIVISION 6

_____ NCDOT DIVISION 6 CONTACT

_____ TRAFFIC CONTROL PROJECT ENGINEER

_____ TRAFFIC CONTROL PROJECT DESIGN ENGINEER

_____ TRAFFIC CONTROL DESIGN ENGINEER



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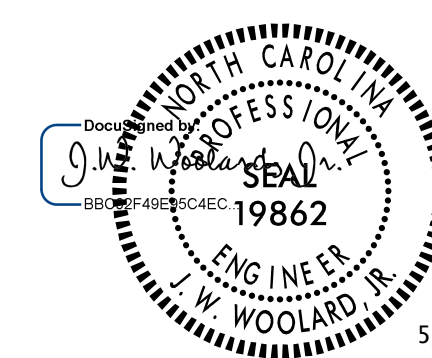
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JAY WOOLARD, PE

SENIOR TRANSPORTATION ENGINEER

CAROLINE E. OWINGS, EI

TRANSPORTATION ENGINEER IN TRAINING



5/24/2018

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SHEET NO.
TMP-1

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-2	GENERAL NOTES
TMP-3	PHASING
TMP-4-4K	US 74 -L- PHASE I
TMP-5	-Y1-, -Y2-, & -Y3- DETOUR ROUTES
TMP-6	US 74 EB TRUCK DETOUR ROUTE TO NC 87
TMP-7	US 74 -L- PHASE II

TIP PROJECT: W-5601EV

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 2018 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
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUM
1190.01	LAW ENFORCEMENT
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- EXIST. PVMT.
- PROPOSED PVMT.
- NORTH ARROW
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA
- PREVIOUSLY STARTED / CONCURRENT CONSTRUCTION
- PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT ASPHALT PAD
- TEMPORARY PAVEMENT BREAKDOWN LANE

PAVEMENT MARKINGS

- | | |
|--|---------------------|
| | EXISTING LINES |
| | TEMPORARY MARKINGS |
| | PREVIOUSLY PLACED |
| | WHITE EDGE LINE |
| | YELLOW EDGE LINE |
| | BROKEN LANE LINES |
| | MINISKIP LANE LINES |
| | DOUBLE YELLOW LINES |
| | GORELINE |
| | STOP BAR |

PAVEMENT MARKING SYMBOLS

- EXISTING PAVEMENT MARKING SYMBOLS (HOLLOW)
- TEMPORARY SYMBOLS
- PREVIOUSLY PLACED
- PAVEMENT MARKING SYMBOLS
- ONLY
- ONLY
- PAVEMENT MARKING ALPHANUMERIC CHARACTERS

TRAFFIC CONTROL DEVICES

- | TEMPORARY DEVICES | PREVIOUSLY PLACED | |
|-------------------|-------------------|-----------------------------------|
| | | BARRICADE (TYPE III) |
| | | CONE |
| | | DRUM |
| | | FLASHING ARROW BOARD |
| | | FLAGGER |
| | | LAW ENFORCEMENT |
| | | TRUCK MOUNTED ATTENUATOR (TMA) |
| | | CHANGEABLE MESSAGE SIGN |
| | | TEMPORARY CRASH CUSHION |
| | | TEMPORARY CRASH CUSHION RESET |
| | | PORTABLE CONCRETE BARRIER |
| | | PORTABLE CONCRETE BARRIER (RESET) |
| | | ANCHORED CONCRETE BARRIER |
| | | ANCHORED CONCRETE BARRIER (RESET) |

SIGNALS

- | | | | | | |
|--|----------|--|----------|--|-----------|
| | EXISTING | | PROPOSED | | TEMPORARY |
|--|----------|--|----------|--|-----------|

TEMPORARY SIGNING

- | TEMPORARY SIGNS | PREVIOUSLY PLACED | |
|-----------------|-------------------|-----------------------------|
| | | PORTABLE SIGN |
| | | STATIONARY SIGN |
| | | STATIONARY OR PORTABLE SIGN |

PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

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ROADWAY STANDARD
DRAWINGS,
AND LEGEND

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION 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.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
-L- US 74	12:00 A.M.-11:59 P.M. FRIDAY THRU SUNDAY

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME
-L- US 74

HOLIDAY

- 1) FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2) FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31ST TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.
- 3) FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
- 4) FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
- 5) FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE DAY AFTER INDEPENDENCE DAY. IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY; THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- 6) FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.
- 7) FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.
- 8) FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 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.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRANSPORTATION MANAGEMENT PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

- G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- H) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPEN TRAVEL LANE THAT HAS A DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.
BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- I) 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) 500 FT IN ADVANCE AND A MINIMUM OF ONCE EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- K) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- L) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- M) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

- N) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (45 MPH), EXCEPT 10 FT ON-CENTER IN RADII, 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.
- O) PLACE TYPE III BARRICADES WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- P) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS, CONES OR SKINNY DRUMS) PERPENDICULAR TO THE EDGE OF TRAVELWAY ON (500 FT) CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

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


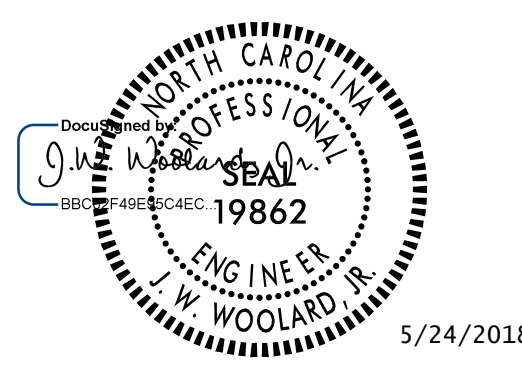
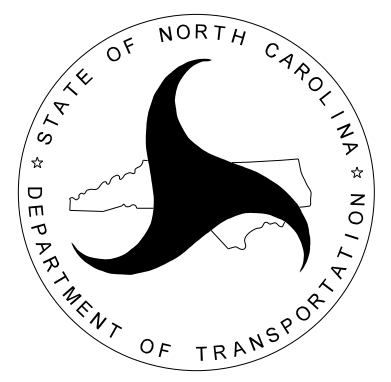
ROAD NAME	MARKING PAINT	MARKER
ALL ROADS		NONE

- R) 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.
- S) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- T) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- U) TRACE THE (EXISTING AND/OR PROPOSED) MONOLITHIC ISLAND LOCATIONS WITH THE PROPER COLOR PAVEMENT MARKING PRIOR TO (REMOVAL AND/OR INSTALLATION). PLACE (DRUMS, CONES, OR TUBULAR MARKERS) TO DELINEATE ANY (EXISTING AND/OR PROPOSED) MONOLITHIC ISLANDS (AFTER REMOVAL AND/OR BEFORE INSTALLATION).

MISCELLANEOUS

- V) USE LAW ENFORCEMENT TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND OR INTERSECTIONS AS SHOWN IN PLANS OR DIRECTED BY THE ENGINEER.
- W) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) (500 FT) AND (1000 FT) RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- X) MAINTAIN VEHICULAR ACCESS TO ALL DRIVEWAYS DURING THE LIFE OF THE CONTRACT, UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER. USE INCIDENTAL STONE WHEN NECESSARY.
- Y) ALL DIMENSIONS AND STATIONS IN THE TRANSPORTATION MANAGEMENT PLAN AND PHASING ARE APPROXIMATE (+/-); FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
- Z) CHANGEABLE MESSAGE SIGN MESSAGES SHOWN ARE EXAMPLES. OTHER MESSAGES MAY BE USED AS CONDITIONS WARRANT. ALL MESSAGES AND LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INCORPORATING.
- AA) COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.
- BB) MAINTAIN EXISTING GUARDRAIL UNTIL PROPOSED FILL SLOPES ARE COMPLETED TO THE POINT THAT FIELD CONDITIONS NO LONGER MEET GUARDRAIL WARRANTS AS DIRECTED BY THE ENGINEER.
- CC) MAINTAIN ALL EXISTING SIGNING ON PROJECT (WARNING, REGULATORY AND GUIDE SIGNS). WHERE CONSTRUCTION AFFECTS THE LOCATION OF A SIGN, RELOCATE AS NECESSARY, OR INSTALL REPLACEMENT SUCH THAT THE FUNCTION OF THE SIGN IS MAINTAINED AT ALL TIMES. DURING RELOCATION OF STOP SIGNS PROVIDE FLAGGERS WITH "FLAGGER AHEAD" (W20-7a) AND "BE PREPARED TO STOP" (W3-4) SIGNS AS NECESSARY TO MAINTAIN INTERSECTION TRAFFIC.
- DD) DRAINAGE CONSTRUCTION SHOWN IN THE TRANSPORTATION MANAGEMENT PLAN IS A GENERAL REPRESENTATION OF WORK TO BE PERFORMED DURING A PARTICULAR PHASE OF CONSTRUCTION. REFER TO THE ROADWAY PLANS FOR DRAINAGE ITEMS. IN THE EVENT THERE IS A DISCREPANCY BETWEEN WHAT IS SHOWN IN THE TRANSPORTATION MANAGEMENT PLAN AND THE ROADWAY PLAN, THE ROADWAY PLAN SHALL GOVERN OVER THE TRANSPORTATION MANAGEMENT PLAN.

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PHASING

PROJ. REFERENCE NO.	SHEET NO.
W-5601EV	TMP-3

PRIOR TO ANY WORK OPERATIONS, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON US 74 (-L-) AND -Y- LINES PER ROADWAY STANDARD DRAWING 1101.01, SHEET 3 OF 3.

USING TEMPORARY LANE CLOSURES (RSD 1101.02, SHEET 3 OF 14 AND SHEET 1 OF 14 AT -Y- LINES) AS REQUIRED, PERFORM THE FOLLOWING:

PHASE I (TMP 4-4K):

STEP 1:

BEGIN CONSTRUCTION OF -L- MEDIAN TURN LANES, U-TURN BULBS , AND -Y- LINES.

STEP 2:

NOTE: -Y1-, -Y2-, AND -Y3- MAY BE CLOSED IN ANY ORDER. HOWEVER, ONLY ONE MAY BE CLOSED AT ANY ONE TIME.

INTERMEDIATE CONTRACT TIME SPECIAL PROVISION
COMPLETE PHASE I STEP 2A THROUGH 2A1 WITHIN A PERIOD OF ONE WEEKEND.
STEP 2A:
IMPLEMENT -Y1- WATER TANK RD. OFFSITE DETOUR, CLOSE -Y1- AND INSTALL DRAINAGE. REFER TO TMP-5 FOR DETOUR.
STEP 2A1:
OPEN -Y1- TO TRAFFIC AND REMOVE DETOUR.

INTERMEDIATE CONTRACT TIME SPECIAL PROVISION
COMPLETE PHASE I STEP 2B THROUGH 2B1 WITHIN A PERIOD OF ONE WEEKEND.
STEP 2B:
IMPLEMENT -Y2- DEW OIL PLANT RD. OFFSITE DETOUR, CLOSE -Y2- AND INSTALL DRAINAGE. REFER TO TMP-5 FOR DETOUR.
STEP 2B1:
OPEN -Y2- TO TRAFFIC AND REMOVE DETOUR.

INTERMEDIATE CONTRACT TIME SPECIAL PROVISION
COMPLETE PHASE I STEP 2C THROUGH 2C1 WITHIN A PERIOD OF ONE WEEKEND.
STEP 2C:
IMPLEMENT -Y3- KAISER RD. OFFSITE DETOUR, CLOSE -Y3- AND INSTALL DRAINAGE. REFER TO TMP-5 FOR DETOUR.
STEP 2C1:
OPEN -Y3- TO TRAFFIC AND REMOVE DETOUR.

STEP 3:

COMPLETE CONSTRUCTION OF -L- MEDIAN TURN LANES AND U-TURN BULBS UP TO BUT NOT INCLUDING THE FINAL SURFACE LAYER, COMPLETE KEYED-IN ISLAND CONSTRUCTION, INSTALL CURB & GUTTER, PLACE TEMPORARY MARKINGS IN FINAL PATTERN, AND OPEN TO TRAFFIC.

REFER TO TMP-6 FOR US 74 EB TRUCK DETOUR ROUTE TO NC 87 WHEN LEFT TURN ONTO -Y8- NC 87 CLOSED FOR MEDIAN CONSTRUCTION.

COMPLETE CONSTRUCTION OF ALL -Y- LINES UP TO BUT NOT INCLUDING THE FINAL SURFACE LAYER, PLACE TEMPORARY MARKINGS IN FINAL PATTERN, AND OPEN TO TRAFFIC.

NOTE: CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

PHASE II (TMP 7):

STEP 1:

COMPLETE ANY KEYED-IN ISLAND CONSTRUCTION, OPEN -Y8SPA- TO TRAFFIC, AND CLOSE AND REMOVE EXISTING -Y8- RAMP TO OLD STAGE RD.


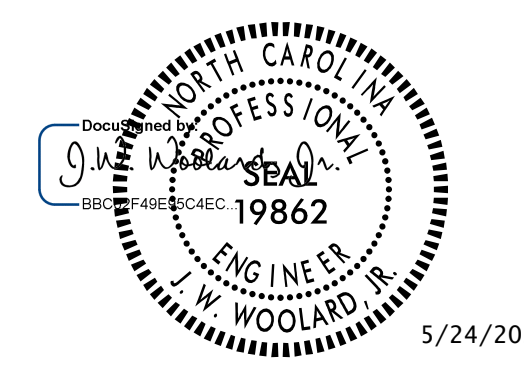
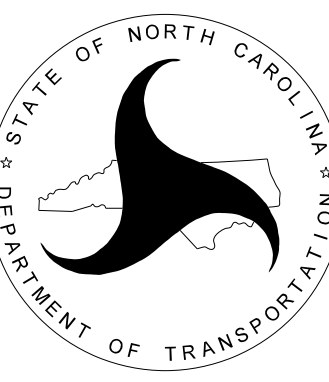
STEP 2:

MILL EXISTING PAVEMENT ON -L- US 74 EB & WB ALONG ENTIRE LENGTH OF PROJECT AND PLACE TEMPORARY MARKINGS IN FINAL PATTERN AS NECESSARY.

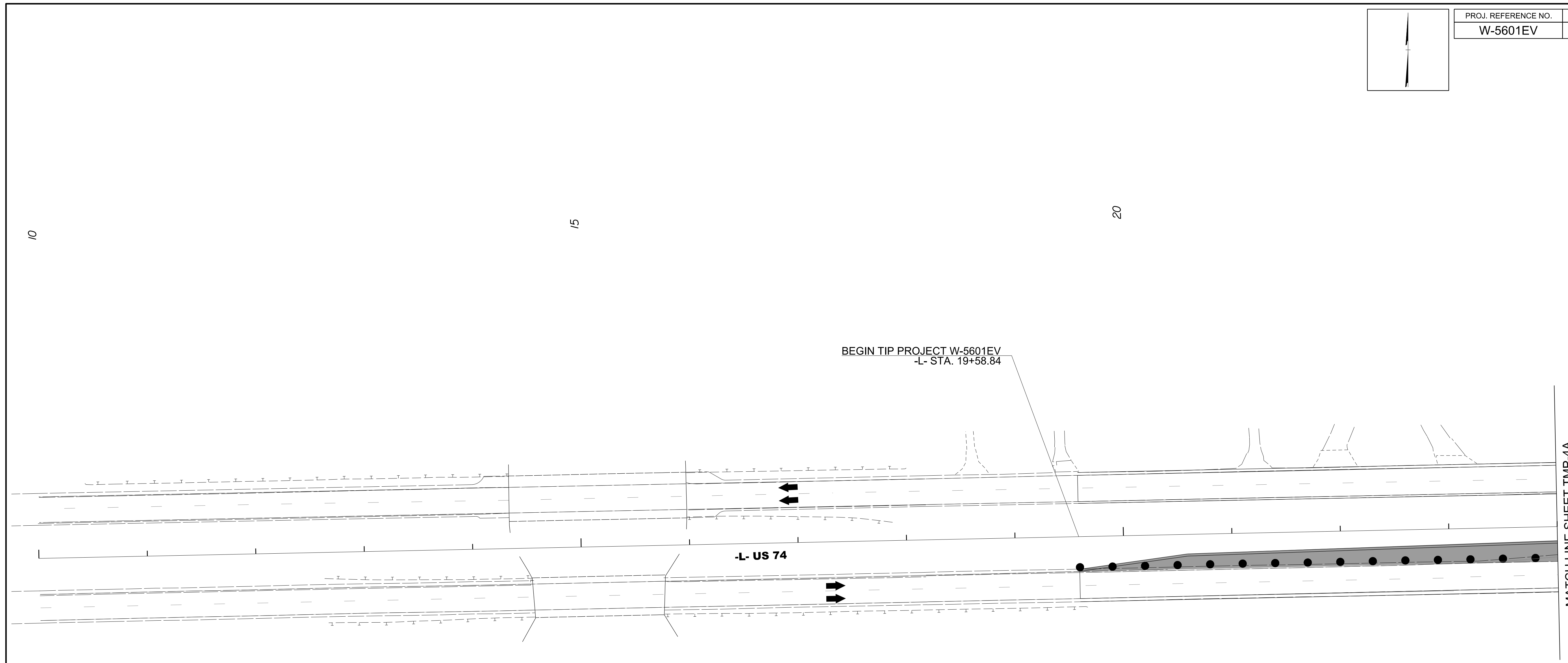
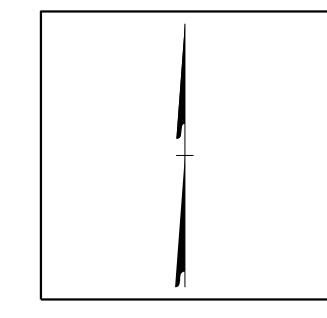
STEP 3:

PAVE FINAL LAYER OF SURFACE COURSE, PLACE FINAL MARKINGS, REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN PROJECT TO FINAL PATTERN.

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PROJ. REFERENCE NO.	SHEET NO.
W-5601EV	TMP-4

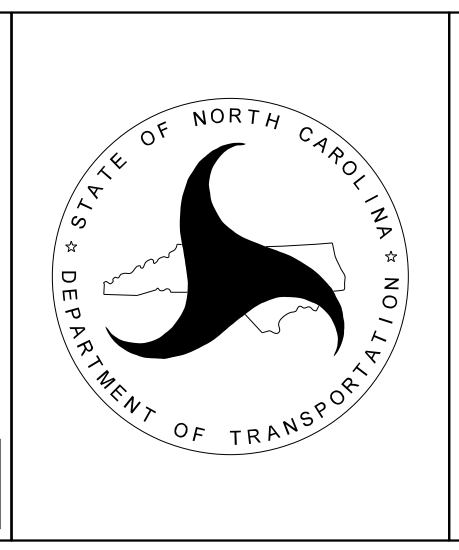


CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

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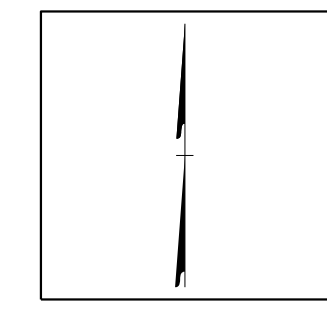
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-L- US 74
 PHASE I

PROJ. REFERENCE NO.	SHEET NO.
W-5601EV	TMP-4A

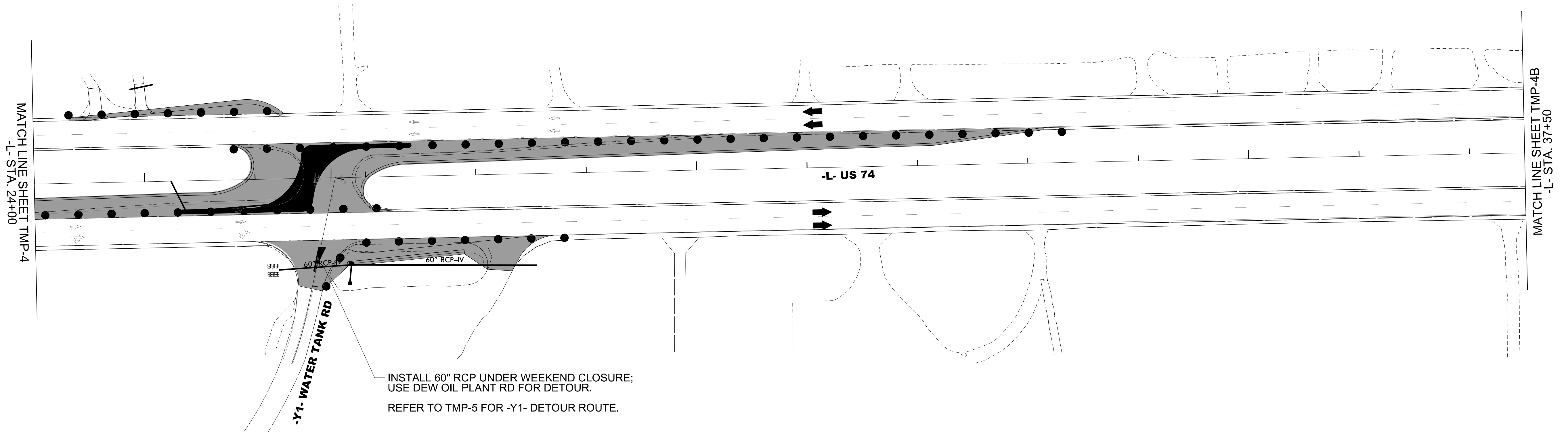


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CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.



MATCH LINE SHEET TMP-4
-L- STA. 24+00

MATCH LINE SHEET TMP-4B
-L- STA. 37+50

-L- US 74

-Y1- WATER TANK RD

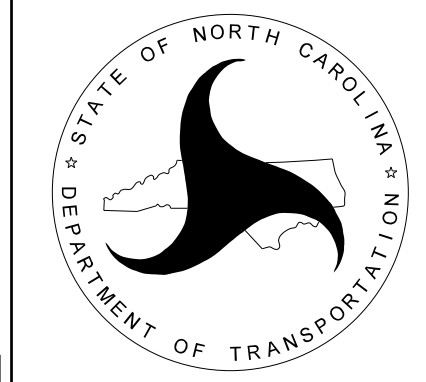
INSTALL 60" RCP UNDER WEEKEND CLOSURE;
USE DEW OIL PLANT RD FOR DETOUR.
REFER TO TMP-5 FOR -Y1- DETOUR ROUTE.

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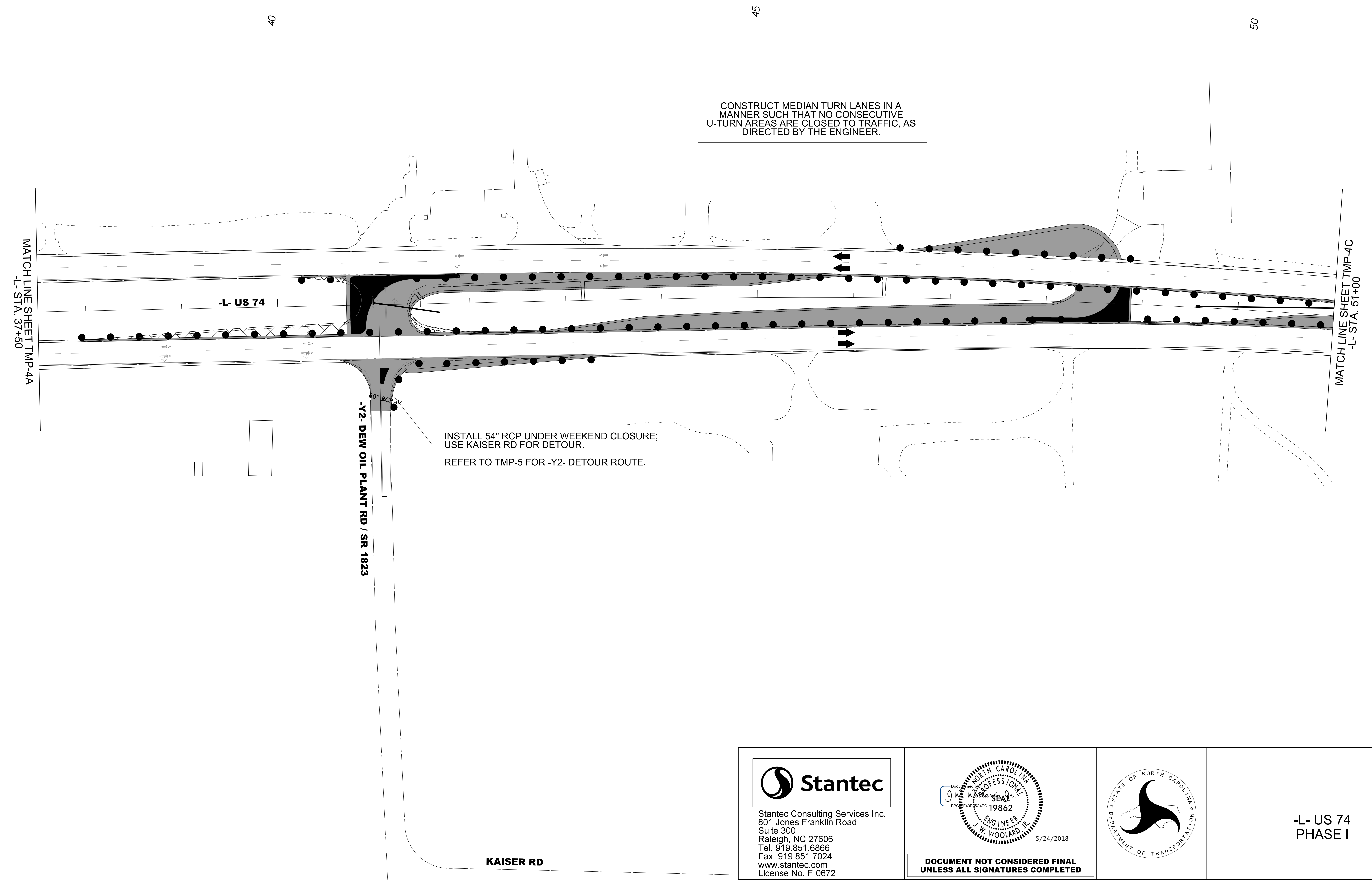
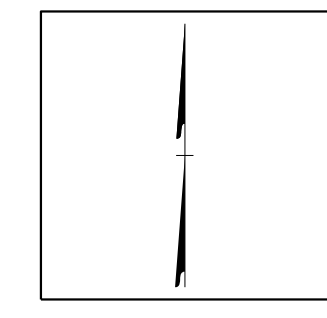
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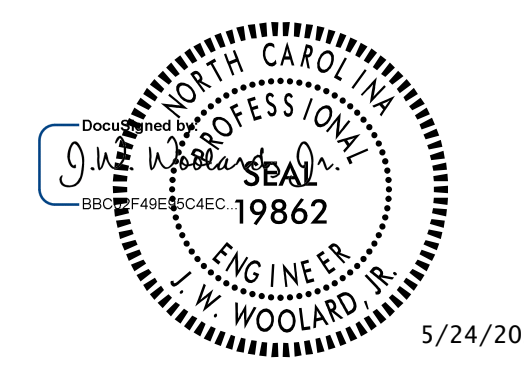
-L- US 74
PHASE I

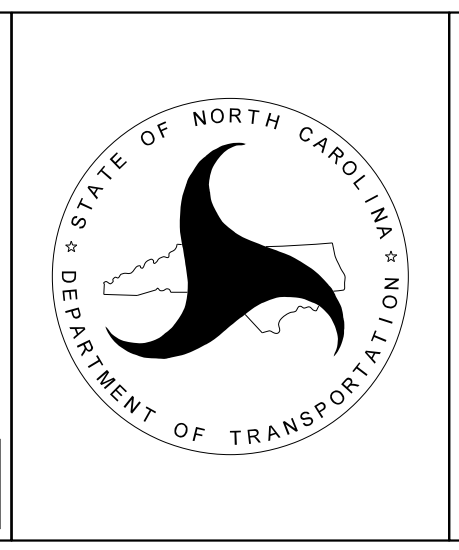
PROJ. REFERENCE NO.	SHEET NO.
W-5601EV	TMP-4B



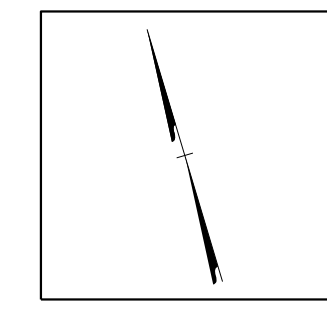
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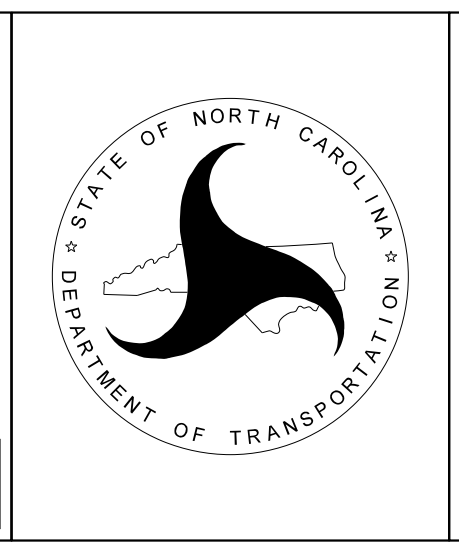


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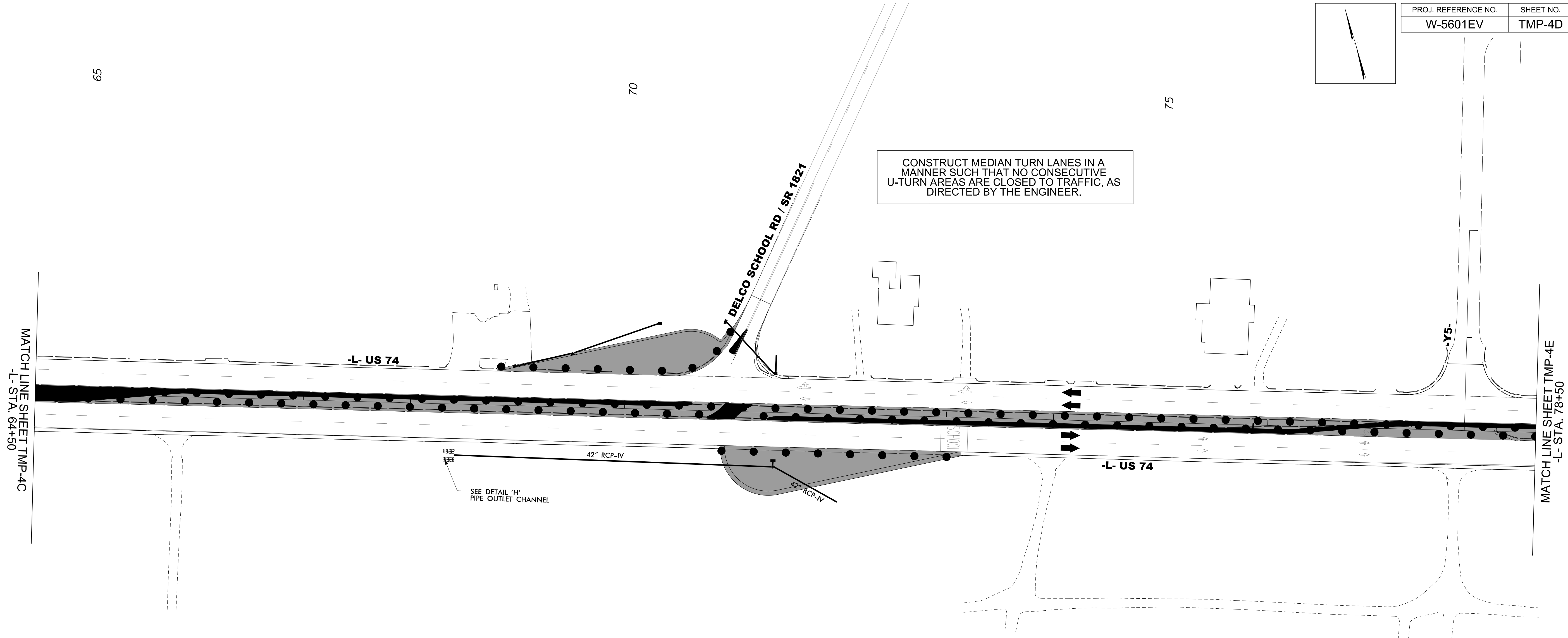
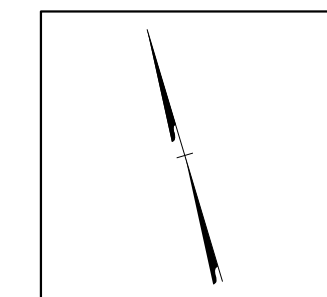
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PROJ. REFERENCE NO.	SHEET NO.
W-5601EV	TMP-4D



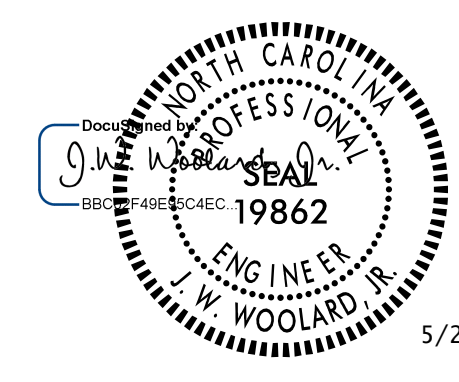
MATCH LINE SHEET TMP-4C
-L- STA. 64+50

MATCH LINE SHEET TMP-4E
-L- STA. 78+50

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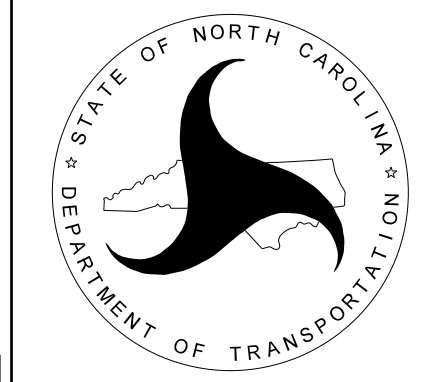


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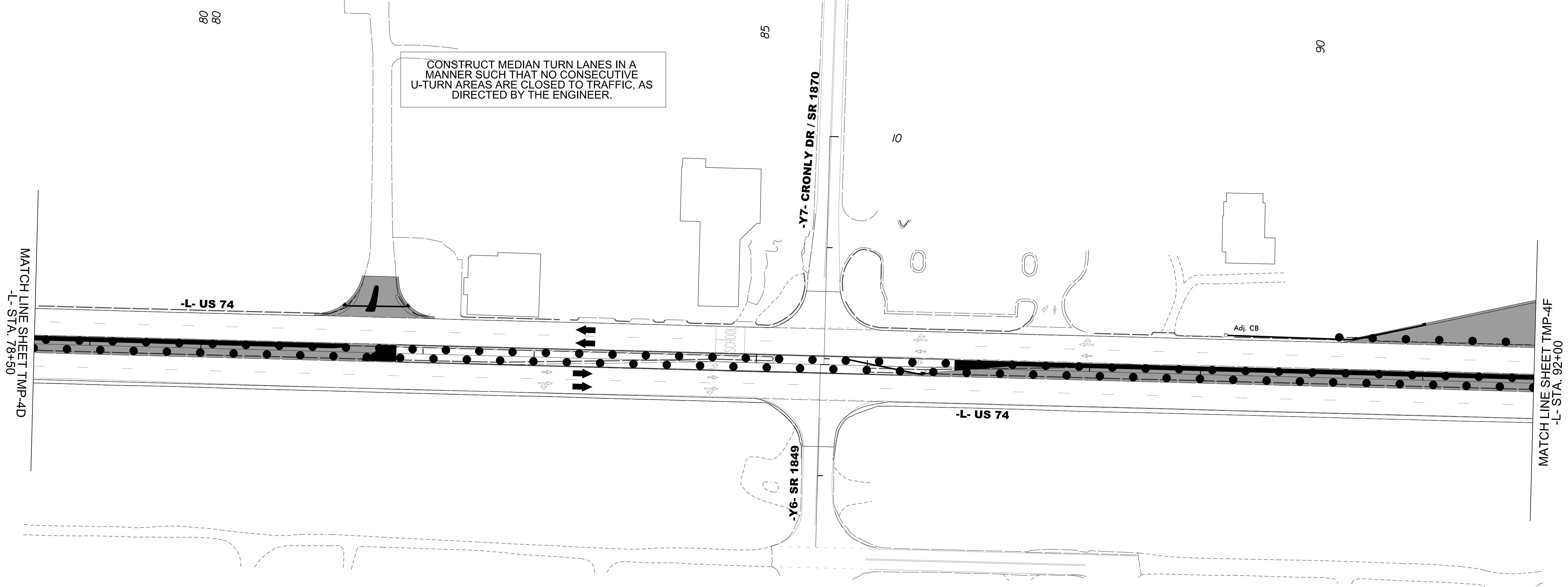
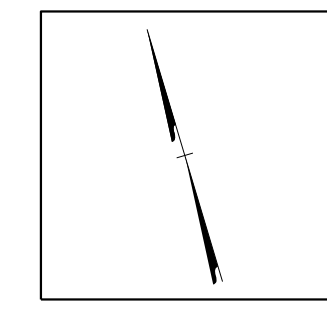
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PHASE I**

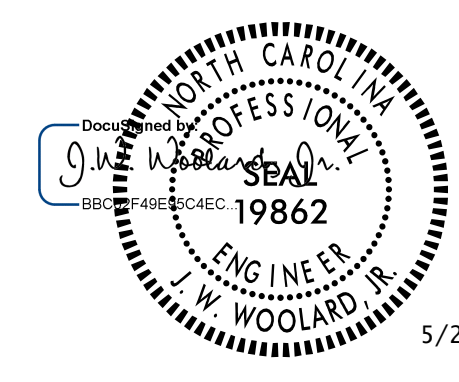
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W-5601EV	TMP-4E



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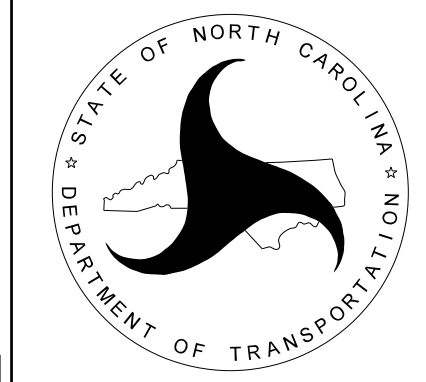


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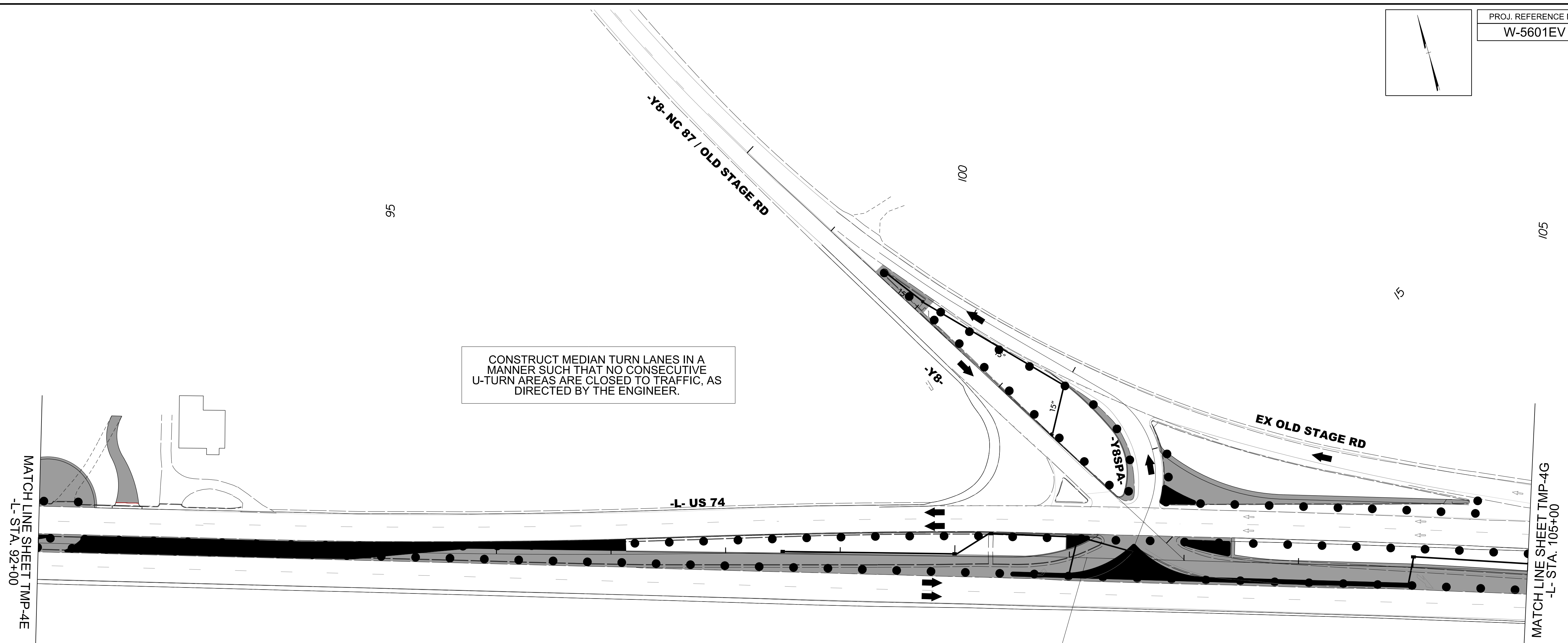
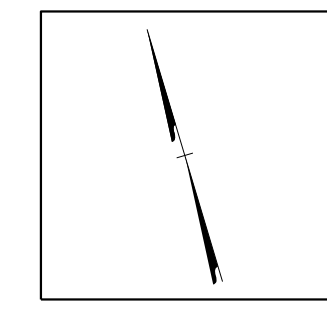
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PROJ. REFERENCE NO.	SHEET NO.
W-5601EV	TMP-4F



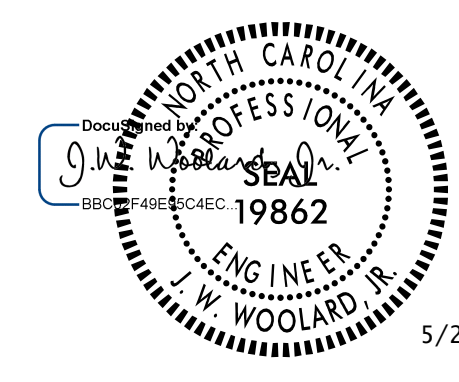
CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

LEFT TURN CLOSED - DETOUR EB TRUCK TRAFFIC TO NC 87 USING NC 11.
REFER TO TMP-6 FOR DETOUR ROUTE.

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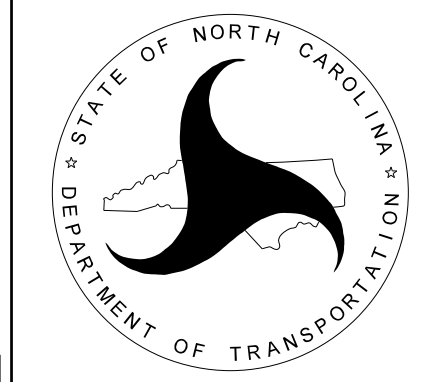


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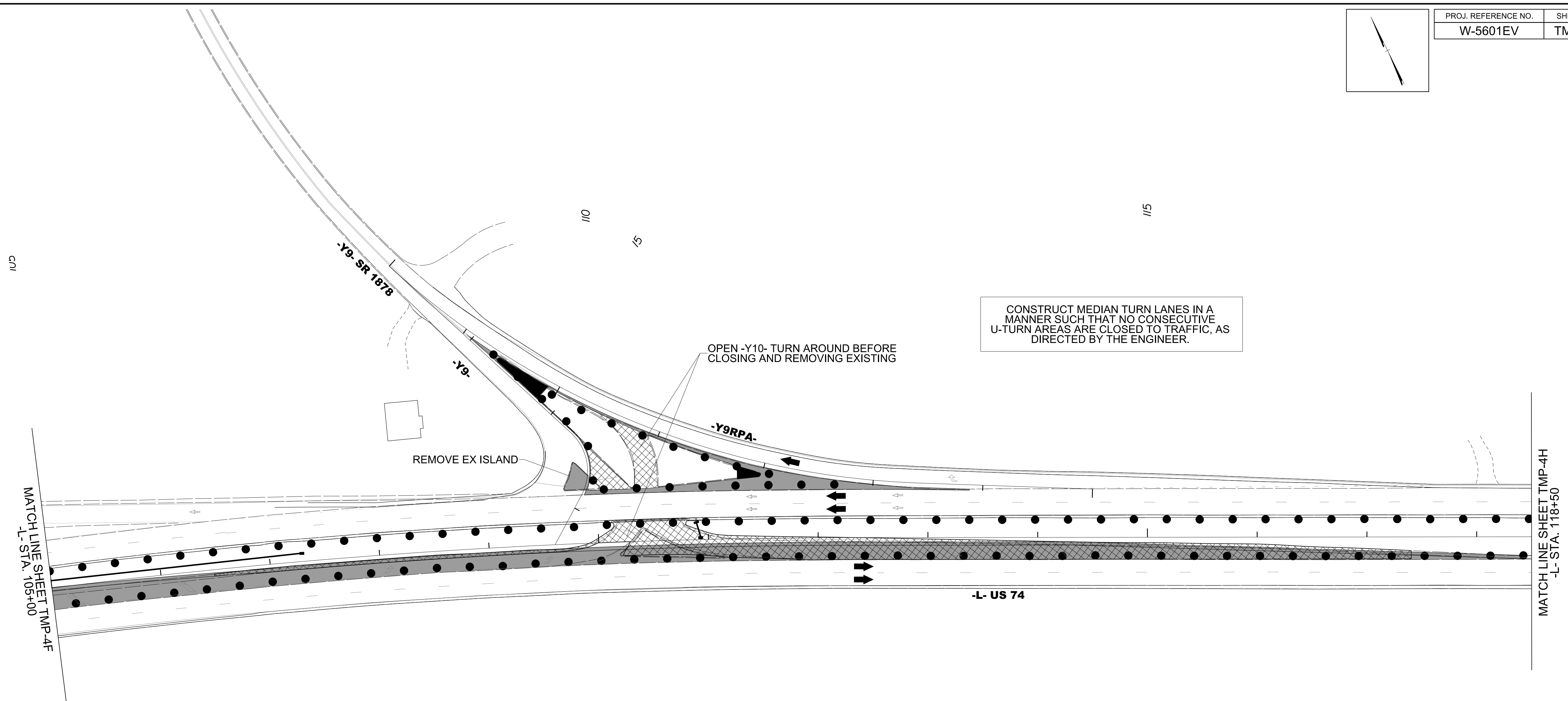
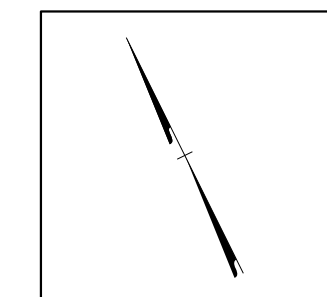


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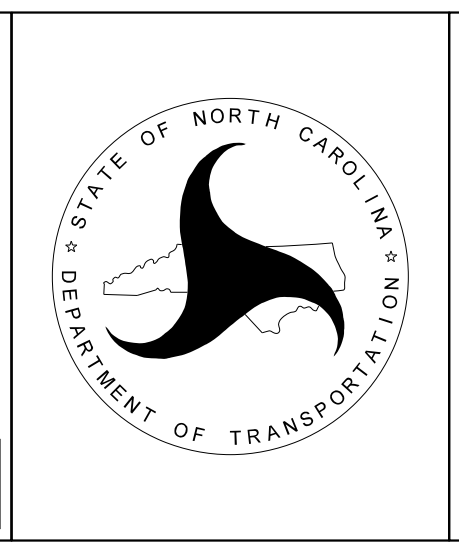
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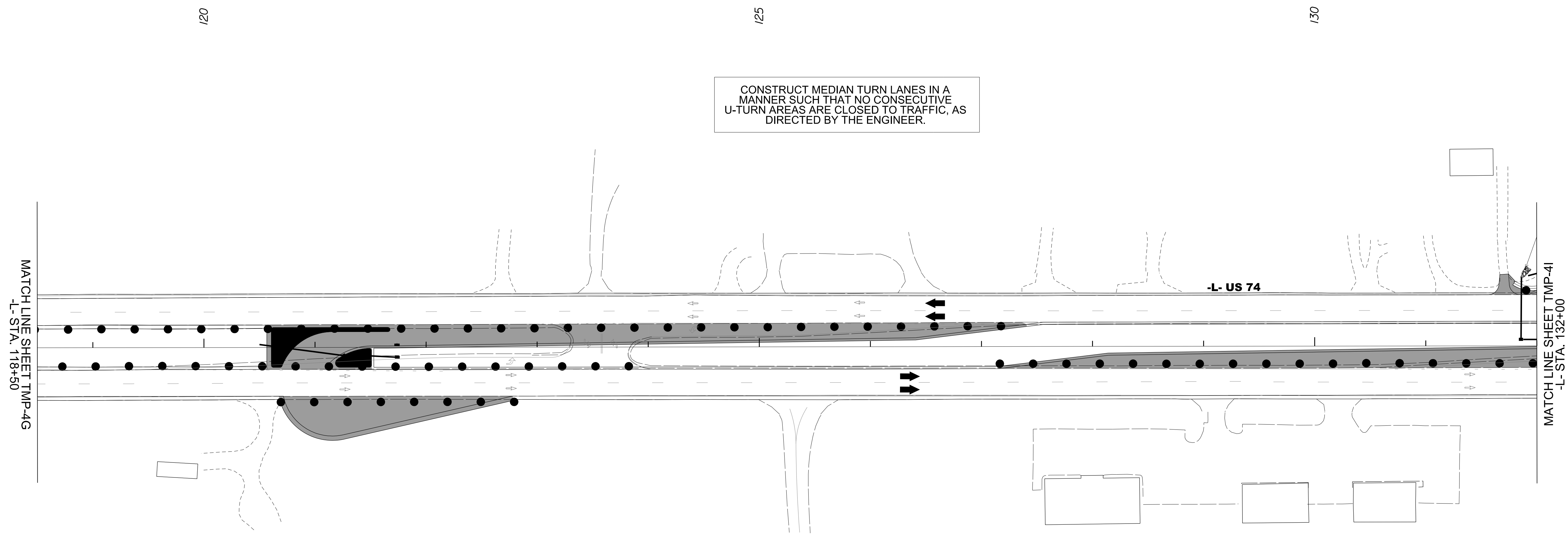
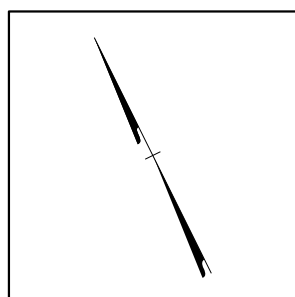
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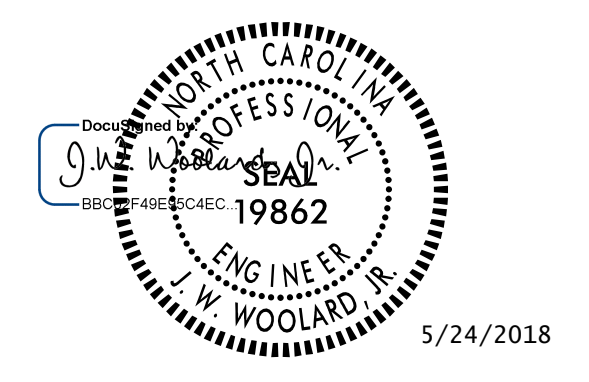
**-L- US 74
 PHASE I**

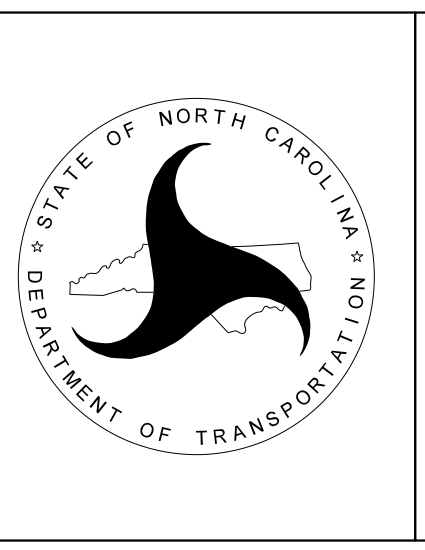
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W-5601EV	TMP-4H



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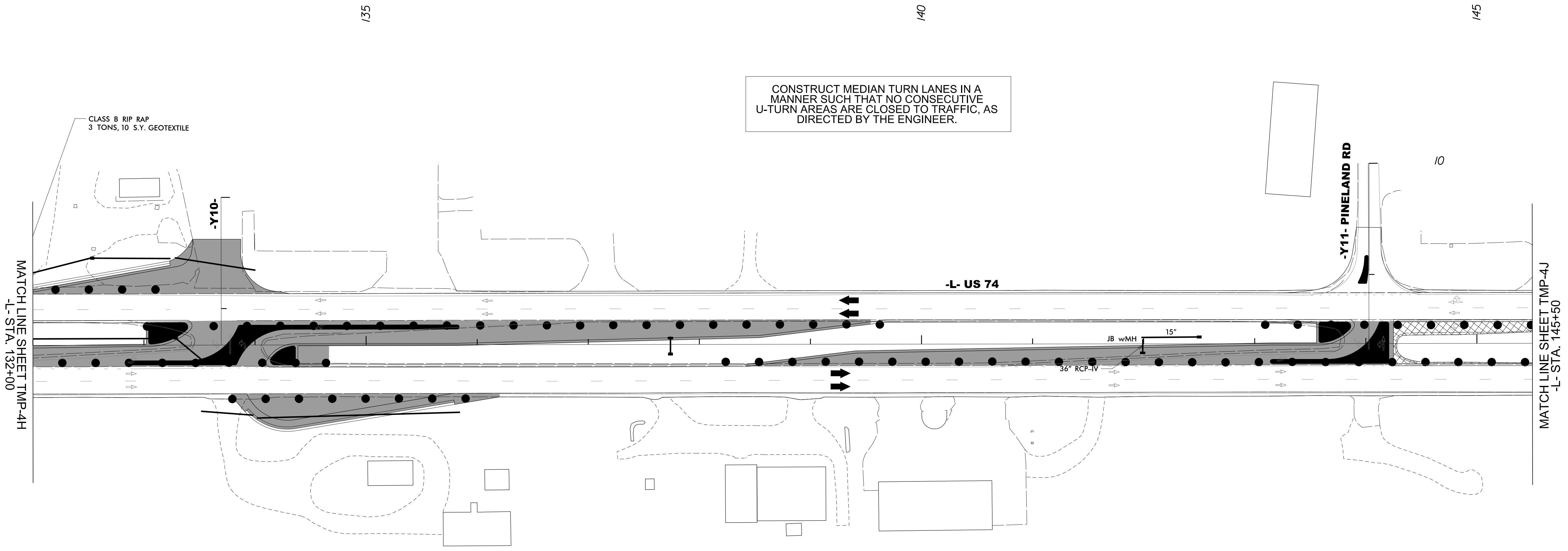
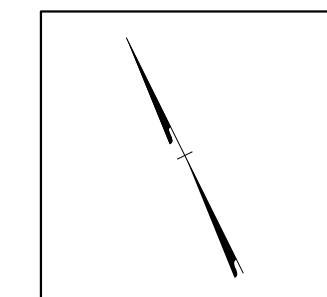

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W-5601EV	TMP-4I



CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

CLASS B RIP RAP
3 TONS, 10 S.Y. GEOTEXTILE

-Y10-

-L- US 74

-Y11- PINELAND RD

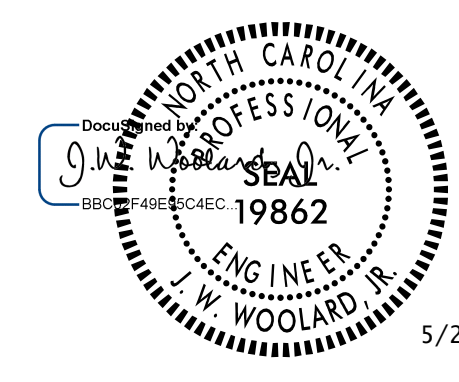
JB w/MH 15"

36" RCP-IV

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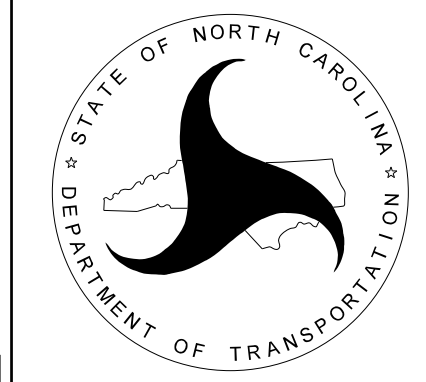


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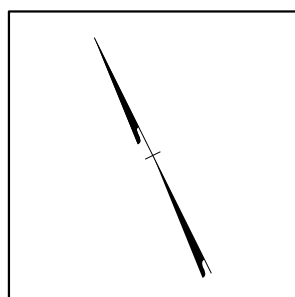
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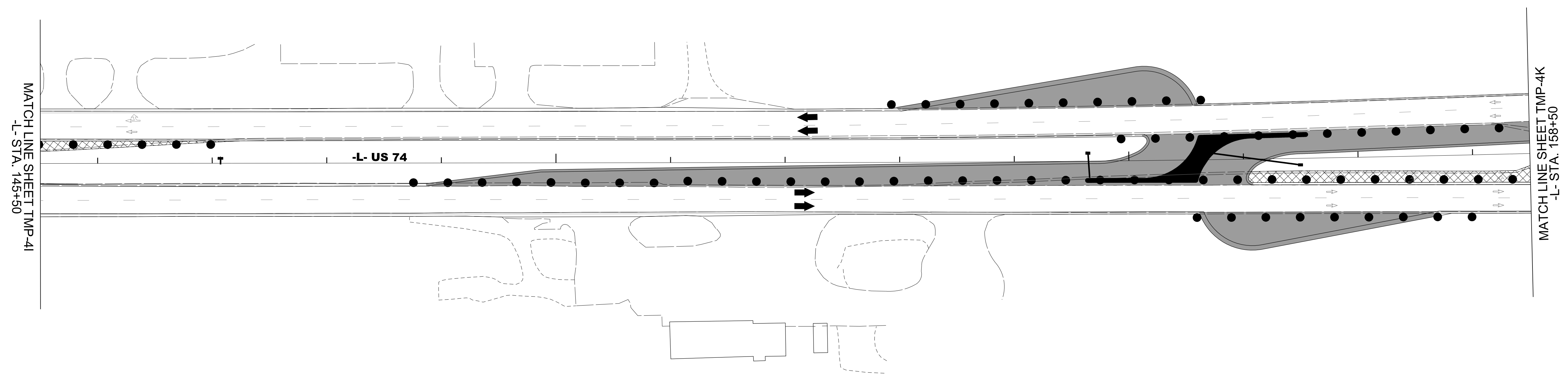


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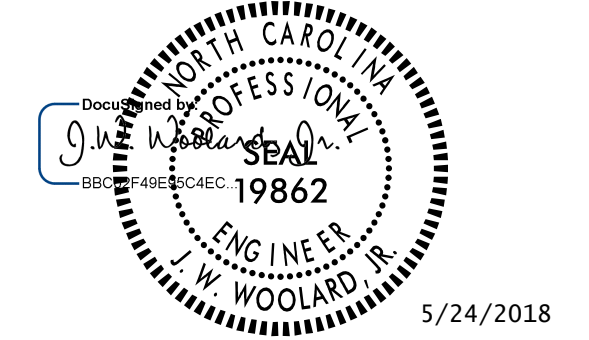
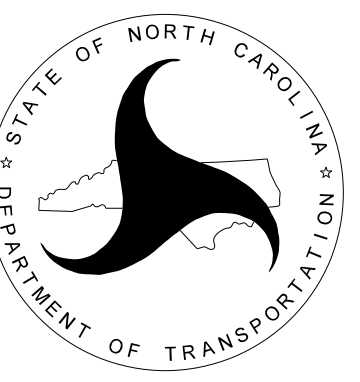
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W-5601EV	TMP-4J



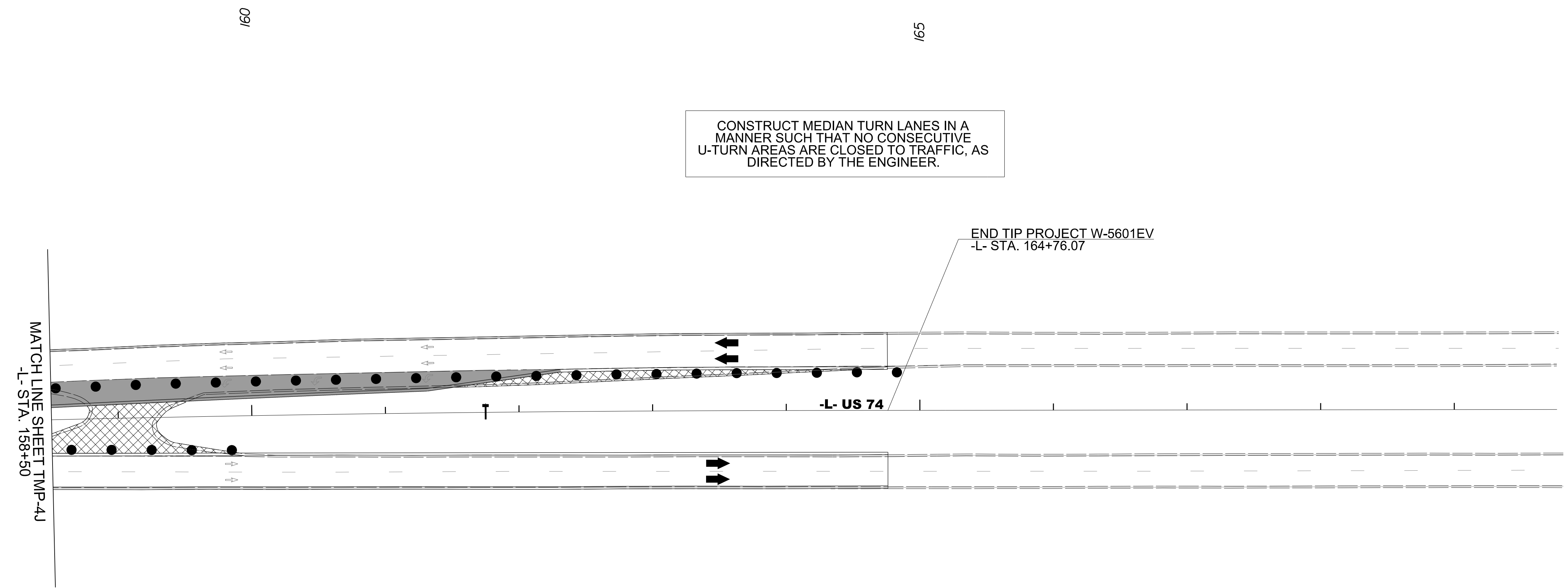
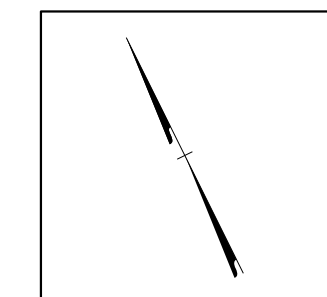
CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.




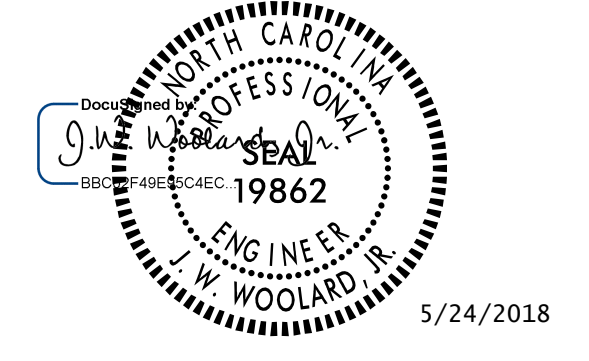
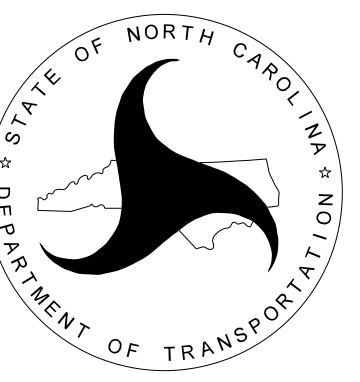
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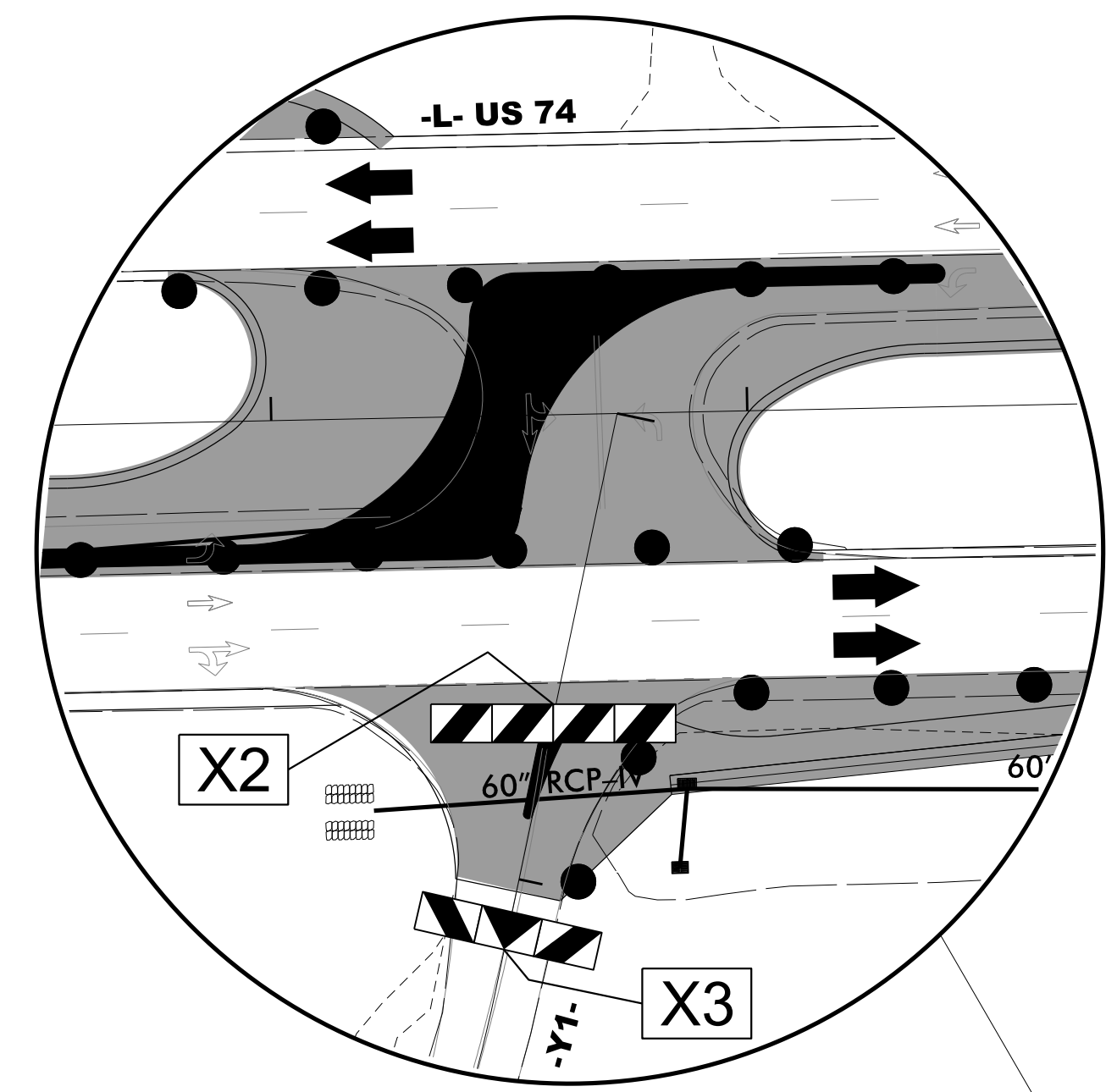
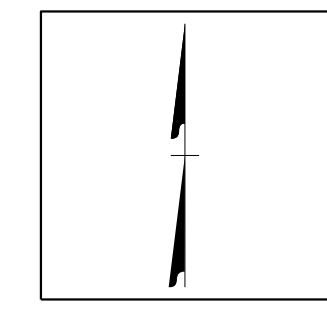
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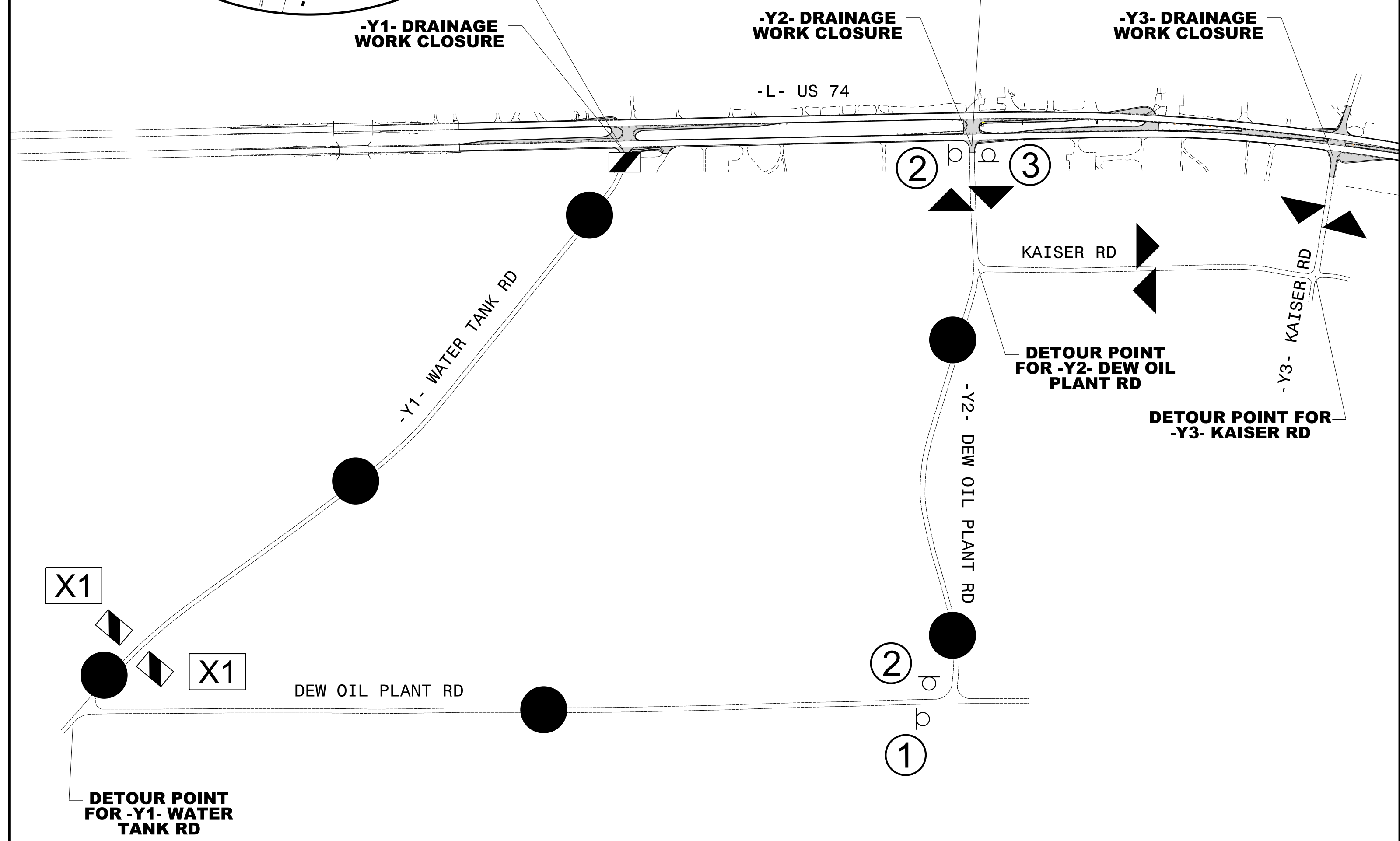


NOTE: -Y2- DEW OIL PLANT RD MAY NOT BE CLOSED WHILE -Y1- OR -Y3- IS CLOSED FOR DRAINAGE WORK.

- -Y1- DETOUR ROUTE
- ▶ -Y2-/-Y3- DETOUR ROUTE

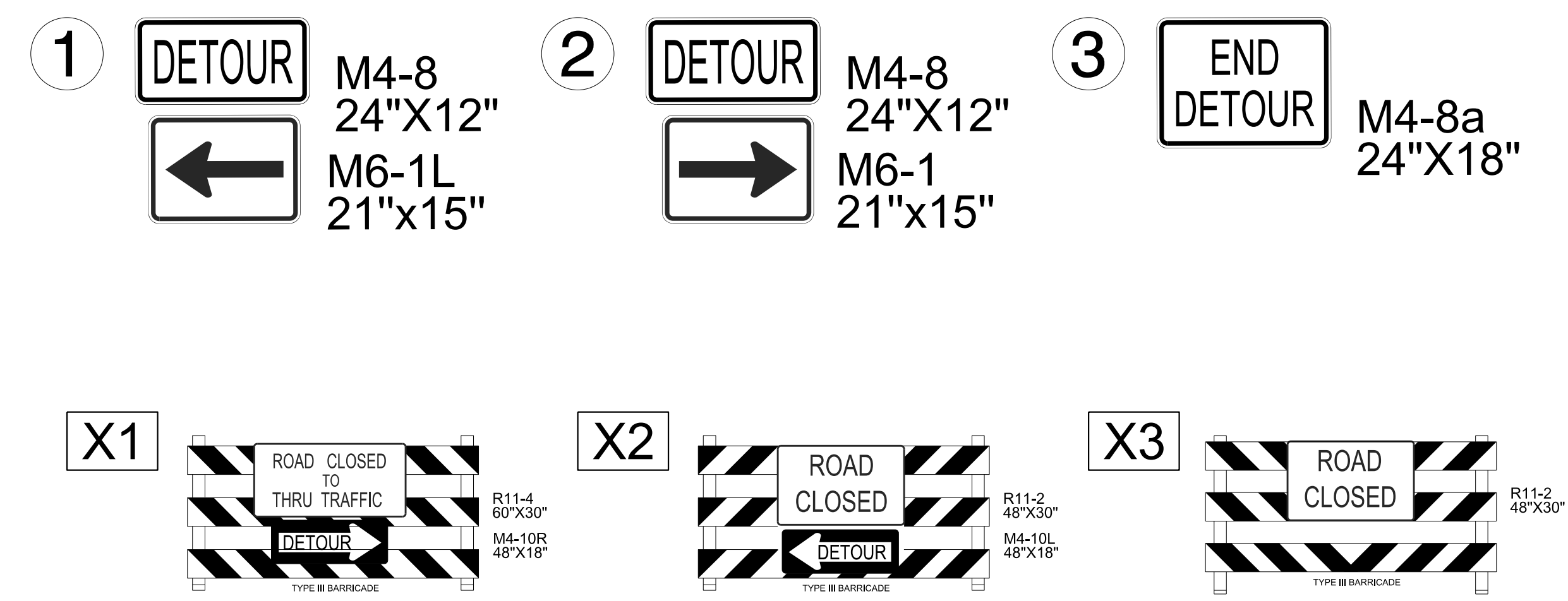
CONSTRUCT DRAINAGE WORK FOR -Y1- WATER TANK RD, -Y2- DEW OIL PLANT RD, AND -Y3- KAISER RD UNDER WEEKEND CLOSURE.

*COORDINATE MEDIAN CONSTRUCTION WITH -Y- LINE CLOSURES AS NECESSARY.



**NOTE: BARRICADES AND DETOUR SIGNS SHOWN ARE FOR -Y1- CLOSURE ONLY.

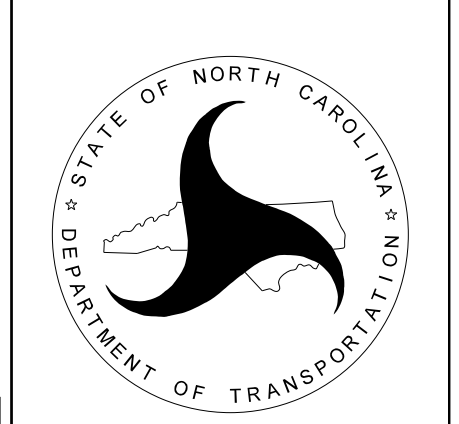
FOR -Y2- AND -Y3- CLOSURES, REVISE SIGNAGE, BARRICADES, AND LOCATIONS ACCORDINGLY FOR EACH CLOSURE.



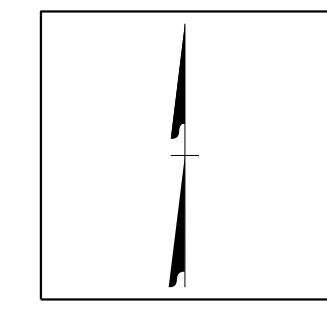
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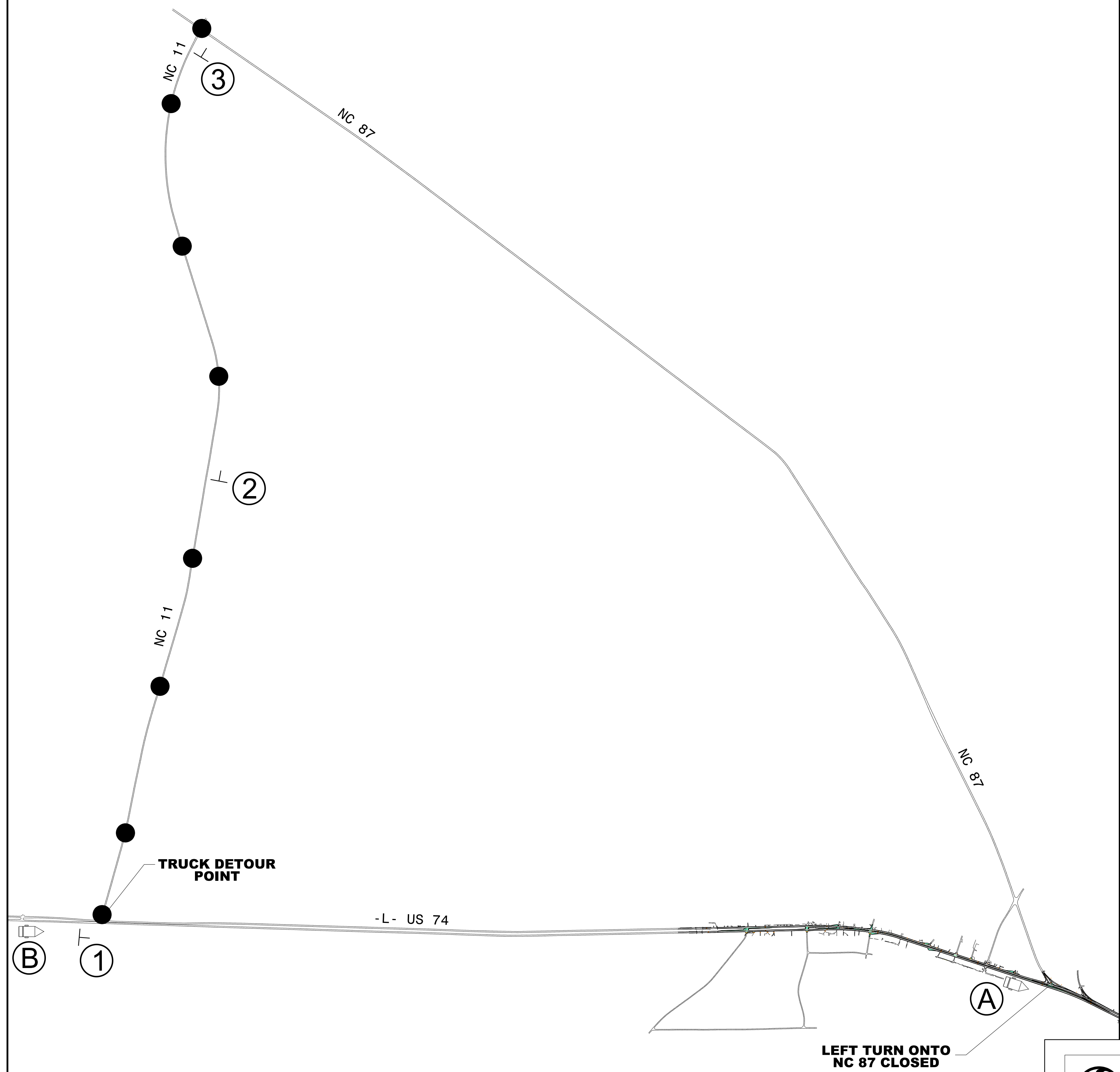


-Y1- WATER TANK RD,
-Y2- DEW OIL PLANT RD,
& -Y3- KAISER RD
DETOUR ROUTES



● US 74 EB TRUCK ROUTE DETOUR TO -Y8- NC 87

WHEN US 74 EB LEFT TURN ONTO -Y8- NC 87 CLOSED, DETOUR ALL TRUCK TRAFFIC TO NC 87 USING NC 11, AS DIRECTED BY THE ENGINEER.



- | | | |
|--|---|--|
| <p>1</p> <ul style="list-style-type: none"> TRUCK M4-4 24"X12" DETOUR M4-8 24"X12" 87 M1-5 24"X24" ← M6-1L 21"x15" | <p>2</p> <ul style="list-style-type: none"> TRUCK M4-4 24"X12" DETOUR M4-8 24"X12" 87 M1-5 24"X24" ↑ M6-3 21"x15" | <p>3</p> <ul style="list-style-type: none"> TRUCK M4-4 24"X12" END DETOUR M4-8a 24"X18" 87 M1-5 24"X24" |
|--|---|--|

A MESSAGE 1 WEEK PRIOR TO ROAD CLOSING

CHANGEABLE MESSAGE SIGN	
LT TURN TO NC 87 CLOSING	MM/DD TO MM/DD

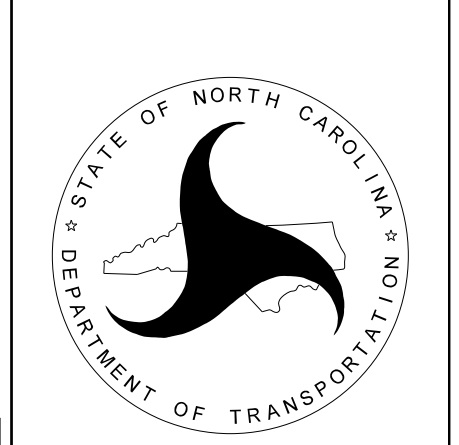
B MESSAGE DURING ROAD CLOSURE

CHANGEABLE MESSAGE SIGN	
LT TURN TO NC 87 CLOSED	TRUCKS USE NC11 TO NC 87

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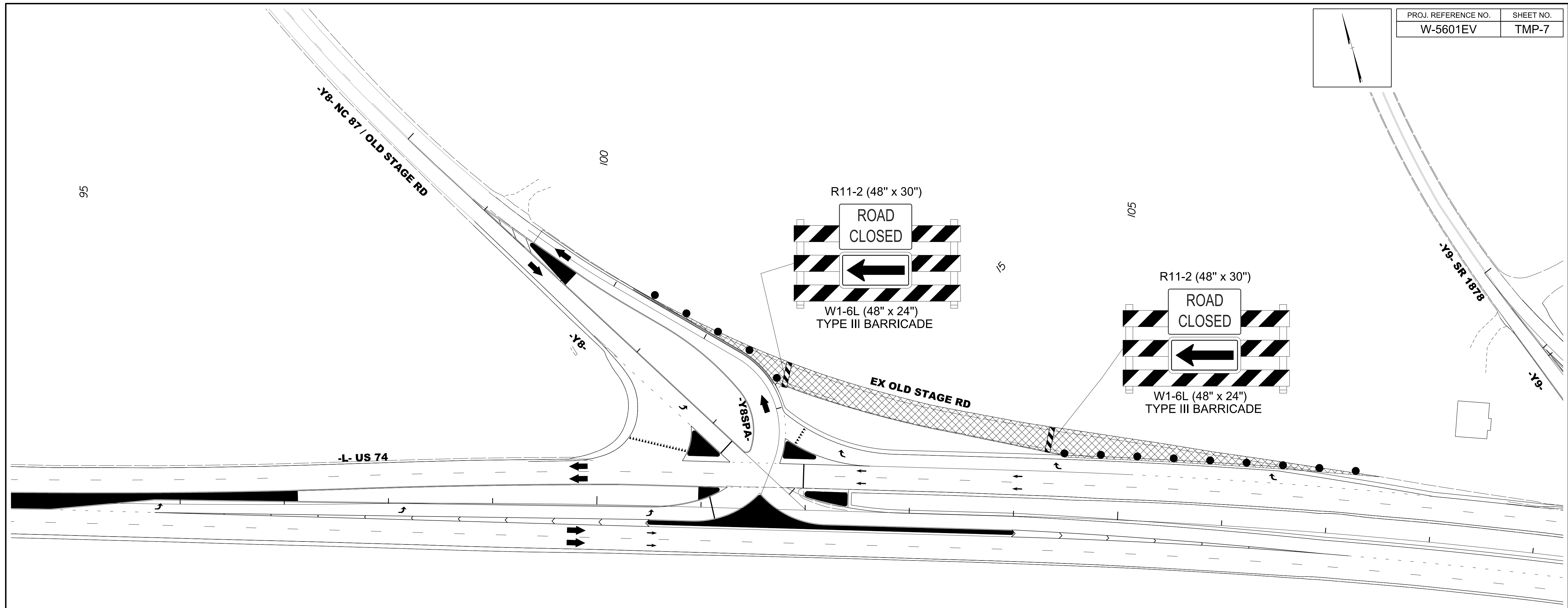
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US 74 EB TRUCK
DETOUR ROUTE TO NC 87

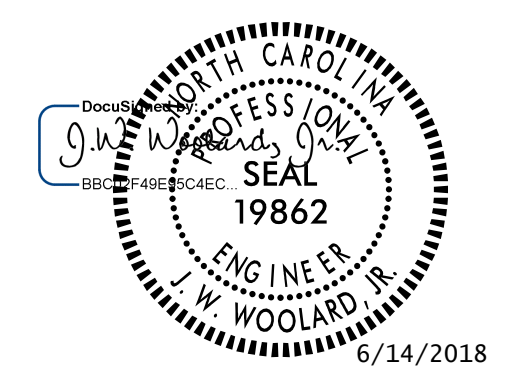
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W-5601EV	TMP-7



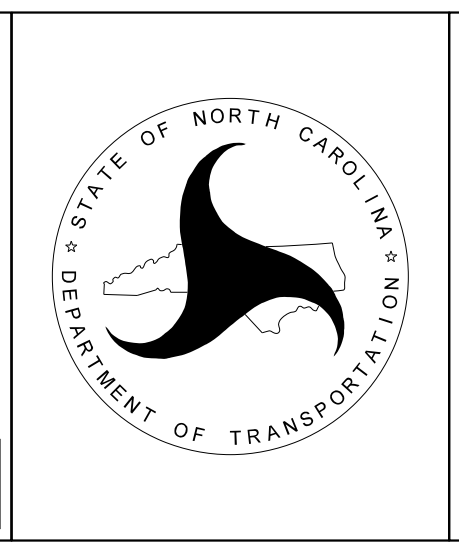
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