

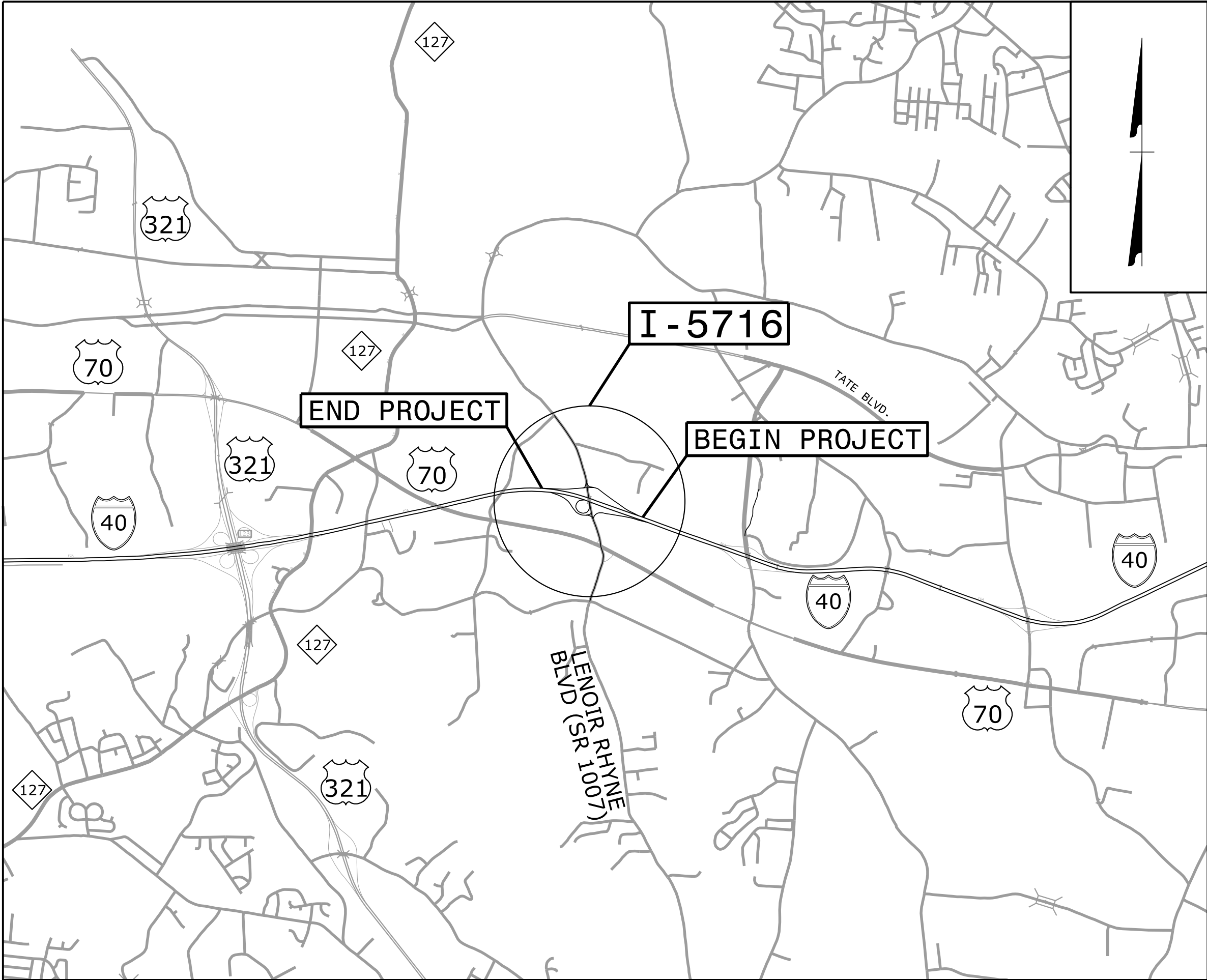
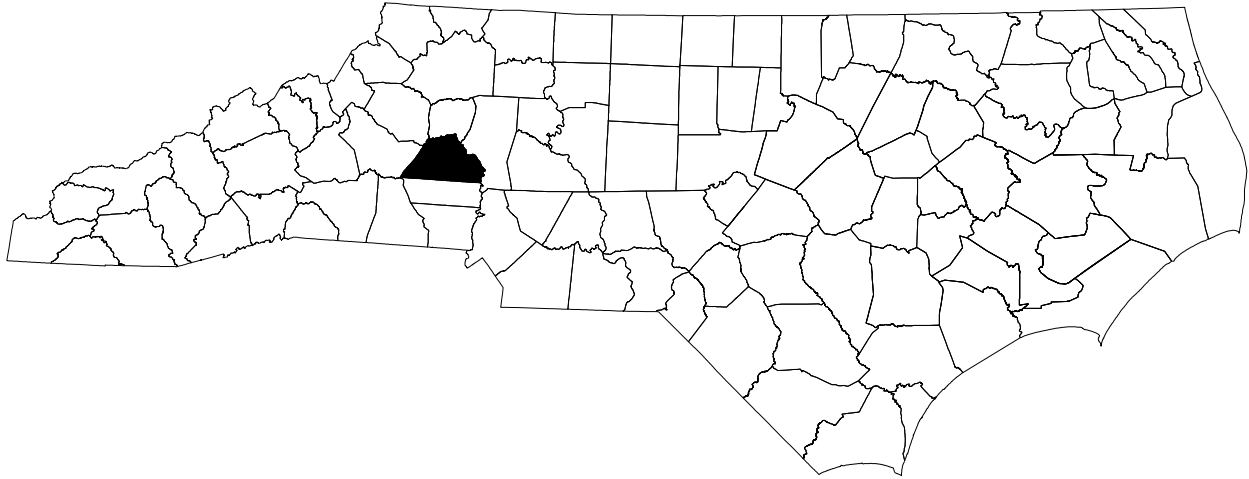
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CATAWBA COUNTY

LOCATION: I-40 AND SR 1007 (LENOIR RHYNE BOULEVARD) INTERCHANGE

TYPE OF WORK: DRAINAGE, SIGNALS, PAVEMENT MARKINGS, GRADING, & PAVING



INDEX OF SHEETS

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APPROVED: _____
DATE: _____

Signed by:
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5/20/2026
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WORK ZONE SAFETY & MOBILITY
"from the MOUNTAINS to the COAST"

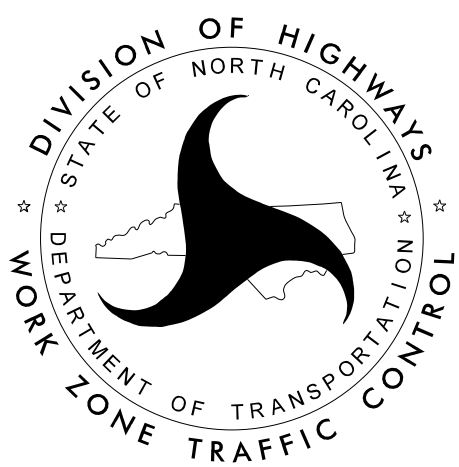
PLANS PREPARED BY:

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PROJECT ENGINEER



TIP PROJECT: I-5716

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 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	DRUM
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	POSITIVE PROTECTION
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPs
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - REDUCED CONFLICT INTERSECTIONS
1205.16	BICYCLE FACILITIES
1205.17	PAVEMENT MARKINGS - SIDE-BY-SIDE/ADJACENT ON/OFF RAMPs
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
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
1266.01	RAISED PAVEMENT MARKERS - TUBULAR MARKERS
1267.01	FLEXIBLE DELINEATORS - INSTALLATION
1267.02	FLEXIBLE DELINEATORS - SPACING TABLES
1267.03	FLEXIBLE DELINEATORS - INTERCHANGE PLACEMENT

** SEE PROJECT SPECIAL PROVISIONS FOR PEDESTRIAN TRANSPORT SERVICE, HIGH VISIBILITY DEVICES, PERFORMANCE MARKINGS, AND WZ PRESENCE LIGHTING

PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 1A

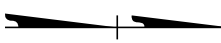
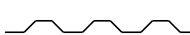
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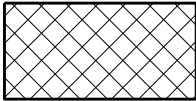
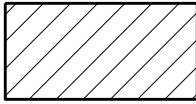
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LEGEND

GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  EXISTING DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.
-  TEMP. SHORING (LOCATION PURPOSES ONLY)

-  WORK AREA
-  PAVEMENT REMOVAL
-  TEMPORARY WEDGING

SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY

PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

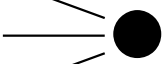
TEMPORARY PAVEMENT MARKING

SYMBOL	DESCRIPTION
<u>PAINT PAVEMENT MARKINGS</u>	
P20	WHITE EDGELINE (6")
P21	WHITE SOLID LANE LINE (6")
P22	10FT WHITE SKIP (6")
P23	3FT-9FT/SP WHITE MINISKIP (6")
P24	2FT-6FT/SP WHITE MINISKIP (6")
P30	YELLOW EDGELINE (6")
P33	YELLOW DOUBLE CENTER (6")
P46	WHITE CROSSWALK LINE (8")
P61	WHITE STOPBAR (24")

<u>TEMPORARY PERFORMANCE PAVEMENT MARKINGS</u>	
<u>USE APPROVED PERFORMANCE MARKING MATERIAL ONLY</u>	
F20	WHITE EDGELINE (6")
F21	WHITE SOLID LANE LINE (6")
F22	10FT WHITE SKIP (6")
F23	3FT-9FT/SP WHITE MINISKIP (6")
F30	YELLOW EDGELINE (6")
F50	WHITE GORELINE (12")

<u>TEMPORARY RAISED PAVEMENT MARKERS</u>	
MA	YELLOW & YELLOW
MB	CRYSTAL & RED

TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  CONE
-  DRUM
-  SKINNY DRUM
-  TUBULAR MARKER
-  TEMPORARY CRASH CUSHION
-  FLASHING ARROW BOARD
-  FLAGGER
-  LAW ENFORCEMENT
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  CHANGEABLE MESSAGE SIGN
-  TEMPORARY CONCRETE BARRIER

TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

-  PAVEMENT MARKING SYMBOLS

ROADWAY STANDARD
DRAWINGS & LEGEND

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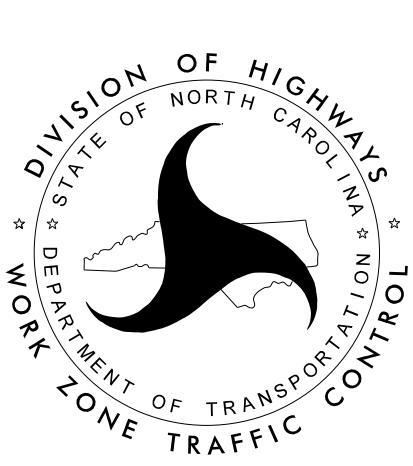
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Signed by:
Jacob H. Duke
29530C8054E94D09



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GENERAL NOTES

PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 1B



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
I-40, I-40 RAMPS AND LOOPS	MONDAY THRU SUNDAY 6:00 AM TO 9:00 PM
LENOIR RHYNE BLVD	MONDAY THRU SUNDAY 6:00 AM TO 9:00 PM

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

ROAD NAME
I-40, I-40 RAMPS AND LOOPS
LENOIR RHYNE BLVD

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 9:00 P.M. JANUARY 2ND. IF NEW YEAR’S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9:00 P.M. THE FOLLOWING TUESDAY.
3.

FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 9:00 P.M. MONDAY.
4.

FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 9:00 P.M. TUESDAY.
5.

FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 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 9:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
6.

FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 9:00 P.M. TUESDAY.
7.

FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 9:00 P.M. MONDAY.
8.

FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
I-40 RAMPS AND LOOPS	MONDAY THRU SUNDAY 6:00 AM TO 9:00 PM	30 MINUTES, OVERHEAD SIGNAL WORK
LENOIR RHYNE BLVD	MONDAY THRU SUNDAY 6:00 AM TO 9:00 PM	30 MINUTES, OVERHEAD SIGNAL WORK
I-40 RAMPS AND LOOPS	MON. 12:00 PM THRU SUN. 6:00 AM SUN. 12:00 PM THRU MON. 12:00 PM	15 MINUTES, BLASTING
LENOIR RHYNE BLVD	MON. 12:00 PM THRU SUN. 6:00 AM SUN. 12:00 PM THRU MON. 12:00 PM	15 MINUTES, BLASTING

D) ROAD AND RAMP CLOSURES SHALL OCCUR AS DIRECTED BY THE ENGINEER AND SHALL OCCUR ONLY BETWEEN THE HOURS OF 9:00 PM AND 6:00 AM, MONDAY THRU SUNDAY. CLOSURES ARE ALLOWED ONLY FOR THOSE FACILITIES THAT AN OFFSITE DETOUR IS PROVIDED FOR IN THE TMP. NOTIFY THE ENGINEER IN WRITING AT LEAST 30 DAYS IN ADVANCE OF ANY PLANNED CLOSURE. DO NOT CLOSE ROAD OR RAMPS ON DAYS LISTED FOR HOLIDAYS INDICATED IN GENERAL NOTE B. THE ENGINEER MAY RESTRICT CLOSURES FROM OCCURRING DURING OTHER TIMES AT NO ADDITIONAL COST TO THE DEPARTMENT.

E) 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.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- F)

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.
- G)

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.
- H)

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

- I)

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- J)

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.
- K)

USE SEQUENTIAL FLASHING WARNING LIGHTS ON DRUMS USED FOR THE MERGING TAPERS OF NIGHTTIME LANE CLOSURES IN ACCORDANCE WITH SECTION 1140 IN THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
- L)

NOTIFY THE NCDOT STATEWIDE TRANSPORTATION OPERATIONS CENTER (STOC) AT 877-627-7862 APPROXIMATELY 30 MINUTES PRIOR TO INSTALLING AND IMMEDIATELY AFTER REMOVING LANE CLOSURES ON INTERSTATES, FREEWAYS, CONTROLLED ACCESS FACILITIES, AND US ROUTES.

PAVEMENT EDGE DROP OFF REQUIREMENTS

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

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

N) 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 EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

P) 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.

Q) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

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

R) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

S) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

T) 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 BARRIER

U) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRANSPORTATION MANAGEMENT PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

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

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

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

APPROVED: _____

DATE: 5/20/2026

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Signed by:
Jacob H. Duke
29530C8054E94D09

GENERAL NOTES
(1 OF 2)

GENERAL NOTES (CONT.)

TRAFFIC BARRIER (CONT.)

- V) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS: (SEE ALSO 1101.05)

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

TRAFFIC CONTROL DEVICES

- W) 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 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.
- X) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- Y) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
I-40, I-40 RAMPS AND LOOPS	PERFORMANCE	RAISED
LENOIR RHYNE BLVD	PAINT	RAISED

- AA) 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.
- BB) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- CC) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- DD) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE TUBULAR MARKERS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION
- EE) INSTALL TEMPORARY RAISED MARKERS AT REDUCED SPACING (15FT) IN LANE SHIFTS AND 100 FT BEYOND EACH SHIFT.

MISCELLANEOUS

- FF) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- GG) CONTRACTOR SHALL CLOSE THE SIDEWALKS THROUGHOUT THE WORK ZONE FOR THE LIFE OF THE PROJECT AND USE THE PROJECT SPECIAL PROVISION FOR TRANSPORTING PEDESTRIANS THROUGH THE WORK ZONE.
- HH) CONTRACTOR IS RESPONSIBLE FOR REMOVING/COVERING ANY EXISTING SIGNAGE THAT CONFLICTS WITH ANY TRAFFIC PATTERN DURING THE ACTIVE WORKING PHASE OF CONSTRUCTION.
- II) USE STEEL PLATE TO COVER ALL DRAINAGE STRUCTURES AS NEEDED.
- JJ) ALL TEMPORARY CRASH CUSHIONS LABELED ON THE PLANS ARE TO BE NON-GATING.
- KK) ALL PROPOSED 5" CONCRETE MONOLITHIC ISLANDS ARE TO BE HIGH EARLY STRENGTH CONCRETE.

MANAGEMENT STRATEGIES

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

RECOMMENDED STRATEGIES:

TRAFFIC MANAGEMENT STRATEGIES:

- FULL ROADWAY CLOSURES
- LANE SHIFTS OR CLOSURES
- SHOULDER CLOSURES
- RAMP CLOSURES / RELOCATION
- NIGHT WORK
- WEEKEND WORK
- WORK HOUR RESTRICTIONS FOR PEAK TRAVEL
- PEDESTRIAN / BICYCLE ACCOMMODATIONS
- OFF-SITE DETOURS / USE OF ALTERNATIVE ROUTES

WORK ZONE SAFETY & MOBILITY STRATEGIES:

- TEMPORARY TRAFFIC SIGNALS
- SEQUENTIAL LIGHTING
- PRESENCE LIGHTING

CORRIDOR / NETWORK MANAGEMENT STRATEGIES:

- SHUTTLE SERVICES

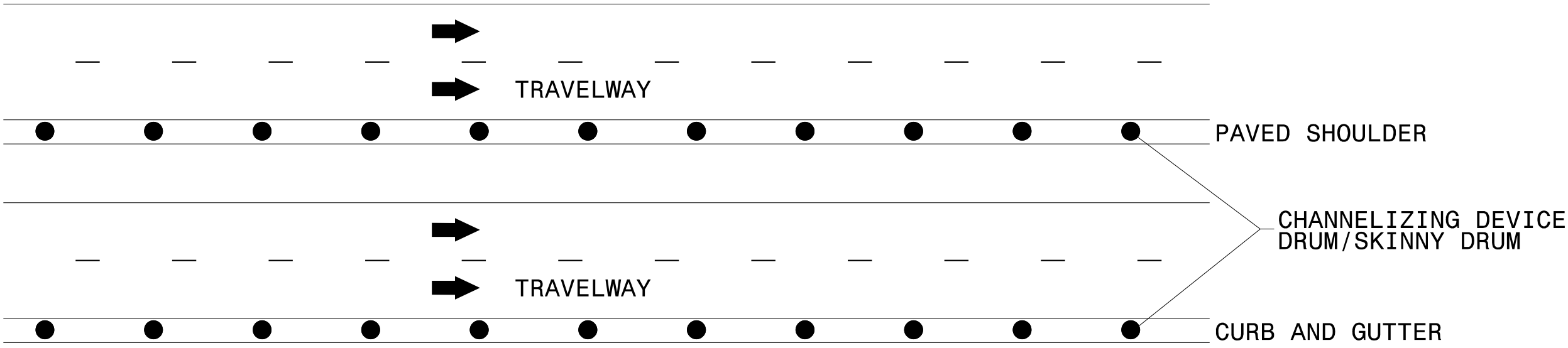
TRAFFIC / INCIDENT MANAGEMENT & SPEED ENFORCEMENT STRATEGIES:

- COORDINATION WITH MEDIA
- LOCAL DETOUR ROUTES
- DEDICATED (PAID) LAW ENFORCEMENT

CONTRACTING & INNOVATIVE CONTRUCTION STRATEGIES:

- INTERMEDIATE CONTRACT TIMES / LIQUIDATED DAMAGES

DAYTIME DEVICE DETAIL



NOTES:

1. DEVICES TO BE PLACED A MINIMUM OF 3 FEET OFF THE EXISTING TRAVELWAY. WHEN DEVICES ARE PLACED TO THE SIDE OF THE ROADWAY AND CURB AND GUTTER IS PRESENT, PLACE DEVICES IN THE GUTTER TO NOT ENCROACH THE EXISTING TRAVELWAY.

APPROVED: _____

DATE: 5/20/2026

SEAL

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UNLESS ALL SIGNATURES COMPLETED

Signed by:
Jacob H. Duke
29830C8054E94D9

NO. 14 CAROLINA
PROFESSIONAL
043777
ENGINEER
JACOB H. DUKE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

GENERAL NOTES
(2 OF 2)

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-1D



ALL OF THE PROPOSED WORK MUST BE COMPLETED DURING ALLOWABLE LANE CLOSURE TIMES (SEE GENERAL NOTES FOR ALLOWABLE CLOSURE TIMES). ALL DEVICES MUST BE REMOVED OR LOCATED ON THE SIDE OF THE ROADWAY AFTER EACH WORK PERIOD. TRAFFIC MUST BE RETURNED TO ORIGINAL TRAFFIC PATTERNS OUTSIDE OF ALLOWABLE LANE CLOSURE TIMES.

DETOUR PROCEDURE: PLACE AND COVER ALL DETOUR SIGNS AND DEVICES ON ALL ROADWAYS LISTED IN THE PLANS, PROVISIONS, OR IN THE PHASING NOTES PRIOR TO ANY CLOSURES. ONCE ALL SIGNS AND DEVICES ARE IN PLACE AND FUNCTIONING, UNCOVER ALL SIGNS AND CLOSE THE ROADWAY TO TRAFFIC AS SHOWN ON THE PLANS AND LISTED HEREIN.

SEE TMP SHEETS OR PHASING NOTES FOR ADDITIONAL ROADWAY STANDARD DRAWINGS NEEDED TO COMPLETE EACH PHASE OR STEP.

CONTRACTOR MAY WORK ON MULTIPLE LOCATIONS SIMULTANEOUSLY IF APPROVED BY THE ENGINEER.

PRIOR TO BEGINNING WORK, INSTALL ADVANCED WARNING SIGNS ON THE PROJECT AS SHOWN IN THE ROADWAY STANDARD DRAWINGS, RSD 1101.01 SHEETS 1 THRU 3. INSTALL SIDEWALK CLOSED PEDESTRIAN BARRICADES AND UTILIZE THE SPECIAL PROVISION FOR A PEDESTRIAN TRANSPORT SERVICE.

PHASE 1:
PHASE 1A:

STEP 1: USE RSD 1101.02 SHEET 3 OF 19 TO INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 1A ACTIVE WORK ZONE LIMITS. USE TMP-4 TO DENOTE WORK AREA. CLOSE EXISTING WB I-40 OFF-RAMP AND DETOUR TRAFFIC PER DETOUR 1 (TMP-3). PLACE SIGNS AND DEVICES TO CLOSE THE OUTSIDE NORTHBOUND LANE OF LENOIR RHYNE BLVD. (SR 1007). REMOVE THE EXISTING CONCRETE ISLAND AT THE TOP OF THE EXISTING RAMP A. INSTALL TEMPORARY ASPHALT PAVEMENT WITHIN THE LIMITS OF THE REMOVED ISLAND. MATCH THE GRADE OF THE EXISTING ADJACENT PAVEMENT. INSTALL TUBULAR MARKERS TO DELINEATE THE REMOVED ISLAND.

PHASE 1B:

STEP 1: USE RSD 1101.02 SHEET 7 OF 19 TO INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 1B ACTIVE WORK ZONE LIMITS. CLOSE EXISTING WB I-40 ON-RAMP (RAMP B) AND DETOUR RAMP B TRAFFIC PER OFFSITE DETOUR 2 (TMP-3A). USE TMP-5 TO DENOTE WORK AREA. USE TMP-5, TMP-6, AND RSD 1101.02 SHEET 7 OF 19 TO PLACE SIGNS AND DEVICES TO CLOSE BOTH INSIDE NORTHBOUND AND SOUTHBOUND LANES OF LENOIR RHYNE BLVD (SR 1007). REMOVE THE EXISTING CONCRETE ISLAND. INSTALL TEMPORARY ASPHALT PAVEMENT WITHIN THE FOOTPRINT OF THE REMOVED ISLAND. MATCH THE GRADE OF THE EXISTING ADJACENT PAVEMENT. INSTALL TUBULAR MARKERS TO DELINEATE THE REMOVED ISLAND.

PHASE 1C:

STEP 1: USE RSD 1101.02 SHEET 3 OF 19 TO INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 1C ACTIVE WORK ZONE LIMITS. CLOSE THE EXISTING EB I-40 OFF-RAMP (RAMP C) AND DETOUR RAMP C TRAFFIC PER OFFSITE DETOUR 3 (TMP-3B). PLACE SIGNS AND DEVICES TO CLOSE THE OUTSIDE SOUTHBOUND LANE OF LENOIR RHYNE BLVD (SR 1007). REMOVE THE EXISTING CONCRETE ISLAND AT THE TOP OF THE EXISTING RAMP C. INSTALL TEMPORARY ASPHALT PAVEMENT WITHIN THE FOOTPRINT OF THE REMOVED ISLAND. MATCH THE GRADE OF THE EXISTING ADJACENT PAVEMENT. INSTALL TUBULAR MARKERS TO DELINEATE THE REMOVED ISLAND. INSTALL DRAINAGE STRUCTURES 0650, 0651, AND 0652 AND ASSOCIATED PIPE. UNDER FULL RAMP C CLOSURE. USE RSD 1101.04 SHEET 1 OF 2 TO CLOSE THE OUTSIDE SHOULDER ON LOOP C AS NEEDED TO PROTECT THE WORK AREA.

PHASE 1D:

STEP 1: USE RSD 1101.02 SHEET 7 OF 19 TO INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 1D ACTIVE WORK ZONE LIMITS. CLOSE EXISTING EB I-40 OFF-RAMP (RAMP C) AND DETOUR RAMP C TRAFFIC PER OFFSITE DETOUR 3 (TMP-3B). USE TMP-8 TO DENOTE WORK AREA. USE TMP-8, TMP-9 AND RSD 1101.02 SHEET 7 OF 9 TO PLACE SIGNS AND DEVICES TO CLOSE BOTH INSIDE NORTHBOUND AND SOUTHBOUND LANES OF LENOIR RHYNE BLVD (SR 1007). REMOVE THE EXISTING CONCRETE ISLAND. INSTALL TEMPORARY ASPHALT PAVEMENT WITHIN THE FOOTPRINT OF THE REMOVED ISLAND. MATCH THE EXISTING ADJACENT PAVEMENT. INSTALL TUBULAR MARKERS TO DELINEATE THE REMOVED ISLAND.

PHASE 2:

ICT:
COMPLETE ALL WORK REQUIRING A ROAD CLOSURE DESCRIBED IN PHASE 2 STEP 1 BETWEEN THE HOURS OF 9:00 PM FRIDAY AND 6:00 AM MONDAY. SEE ICT FOR LIQUIDATED DAMAGES.

STEP 1: INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 2 ACTIVE WORK ZONE LIMITS. CLOSE EXISTING WB I-40 OFF-RAMP (RAMP A) AND DETOUR RAMP A TRAFFIC PER OFFSITE DETOUR 1 (TMP-3), USE TMP-12 TO DENOTE WORK AREA. COMPLETE ALL BLASTING WORK DURING ALLOWABLE BLASTING HOURS PER PLANS USING RSD 1101.03 SHEET 9 OF 9. INSTALL DRAINAGE STRUCTURES 0623, 0629, 0630, 0631, AND ASSOCIATED PIPES. RESTRIPE EXISTING RAMP A AND INSTALL PCB. CONSTRUCT TEMPORARY WEDGING ON THE EXISTING RAMP A INSIDE SHOULDER PER TMP PLANS. INSTALL ANCHORED PCB ON -RPA- BEGINNING AT STA. 14+66± TO -RPA- STA. 32+30±. ONCE ALL WORK IS COMPLETE REMOVE DETOUR SIGNS AND DEVICES AND REOPEN RAMP A TO TRAFFIC.

STEP 2: INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 2 ACTIVE WORK ZONE LIMITS. USE TMP-12 TO DENOTE WORK AREA. USE TMP-12 TO PLACE SIGNS AND DEVICES. PERFORM ALL WORK ON -RPA- PER ROADWAY PLANS OUTSIDE OF THE EXISTING EDGE OF PAVEMENT OF THE EXISTING QUADRANT A RAMP. PERFORM ALL WORK ON -LPA- FROM THE EXISTING EDGE OF PAVEMENT OF THE EXISTING QUADRANT A RAMP TO APPROXIMATELY -LPA- STATION 20+60. DO NOT INSTALL ANY PROPOSED CONCRETE MONOLITHIC ISLANDS IN THIS PHASE. REPEAT STEP 2 UNTIL ALL WORK IS COMPLETE.

STEP 3: PRIOR TO ANY WORK ADJACENT TO LENOIR RHYNE BLVD (SR 1007) USE A LANE CLOSURE AND TMP-12 TO SHIFT THE NORTHBOUND LANES OF LENOIR RHYNE BLVD (SR 1007). INSTALL TEMPORARY PAINT PAVEMENT MARKINGS PER TMP-12. WHILE MAINTAINING NB TRAFFIC ON LENOIR RHYNE BLVD (SR 1007) PER TMP-12, INSTALL DRAINAGE STRUCTURES 0802, 0613, AND 0614 AND ASSOCIATED PIPES IN ONE CONSECUTIVE WORK PERIOD. INSTALL CURB AND GUTTER. CONSTRUCT SIDEWALK, AND PERFORM ALL GRADING WORK PER PLANS. INSTALL SIGNAL POLE PER SIGNAL PLANS IN THE NORTHEAST QUADRANT OF THE INTERSECTION. ONCE ALL WORK IS COMPLETE REMOVE ALL DEVICES TO SHIFT TRAFFIC BACK TO ORIGINAL PATTERN.

PHASE 3:

STEP 1: USE RSD 1101.02 SHEET 4 OF 19 AND TMP-14 THRU TMP-15 TO CLOSE THE INSIDE LANE OF I-40 WESTBOUND. INSTALL TEMPORARY PAVEMENT PER PLANS. RESTRIPE I-40 AS SHOWN IN PHASE 3 TMP WHILE MAINTAINING TRAFFIC PER RSD 1101.02 SHEET 4 OF 19. INSTALL PCB ON -L- FROM STA. 33+94± TO -L- STA. 53+76±.

STEP 2: USE TMP-14 THRU TMP-15 TO DENOTE WORK AREA. INSTALL SIGNS AND DEVICES PER PLANS, SHIFT TRAFFIC ONTO THE NEWLY BUILT TEMPORARY PAVEMENT ON I-40. COMPLETE ALL WORK PER PLANS. DO NOT INSTALL DRAINAGE STRUCTURES AND CURB AND GUTTER ALONG LENOIR RHYNE BLVD (SR 1007) IN PHASE 3 STEP 2. THIS WORK OCCURS IN SUBSEQUENT PHASES. INSTALL SIGNAL POLE PER SIGNAL PLANS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION.

PHASE 3A:

ICT:
COMPLETE ALL WORK REQUIRING A LANE CLOSURE DESCRIBED IN PHASE 3A STEP 1 BETWEEN THE HOURS OF 9:00 PM FRIDAY AND 6:00 AM MONDAY. SEE ICT FOR LIQUIDATED DAMAGES.

STEP 1: USE TMP-15A TO DENOTE WORK AREA. USE TMP-15A AND RSD 1101.02 SHEET 3 OF 19 TO PLACE SIGNS AND DEVICES. INSTALL PCB ON -Y1- FROM STA. 25+50± TO 22+28±. IN A SINGLE CONSECUTIVE WORK PERIOD INSTALL DRAINAGE STRUCTURE 0646, CURB AND GUTTER. CONSTRUCT SIDEWALK AND PERFORM ALL GRADING WORK ALONG LENOIR RHYNE BLVD (SR 1007). ONCE ALL WORK IS COMPLETE REMOVE SIGNS AND DEVICES AND REOPEN THE LANE TO TRAFFIC.

PHASE 3B:

ICT:
COMPLETE ALL WORK REQUIRING A LANE CLOSURE DESCRIBED IN PHASE 3B STEP 1 BETWEEN THE HOURS OF 9:00 PM FRIDAY AND 6:00 AM MONDAY. SEE ICT FOR LIQUIDATED DAMAGES.

STEP 1: USE TMP-15B TO DENOTE WORK AREA. USE TMP-15B AND RSD 1101.02 SHEET 3 OF 19 TO PLACE SIGNS AND DEVICES ON LENOIR RHYNE BLVD (SR 1007). INSTALL PCB ON -Y1- FROM STA. 22+92± TO 25+17±. IN A SINGLE CONSECUTIVE WORK PERIOD INSTALL DRAINAGE STRUCTURE 0645 AND ASSOCIATED PIPE. ONCE ALL WORK IS COMPLETE REMOVE SIGNS AND DEVICES AND REOPEN THE ROADWAY TO TRAFFIC.

PHASE 4:

STEP 1: USING TMP-20 AND RSD 1101.02 SHEET 7 OF 19 TO PLACE SIGNS AND DEVICES TO STRIPE THE EXISTING MEDIAN ON LENOIR RHYNE BLVD (SR 1007) PER TMP-20 FOR A LEFT TURN LANE ONTO THE NEWLY BUILT LOOP RAMP IN QUADRANT A. PLACE TUBULAR MARKERS TO CLOSE OFF UNTIL LEFT TURN IS READY TO USE.

STEP 2: INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 4 ACTIVE WORK ZONE LIMITS. USING TMP-18 THRU TMP-20 TO DENOTE WORK AREA. USE TMP-18 THRU TMP-20, RSD 1101.02 SHEET 10 AND 12 OF 19 TO PLACE SIGNS AND DEVICES. RESTRIPE WB I-40 AND INSTALL DEVICES AS SHOWN IN THE PHASE 4 TMP. INSTALL PCB FROM -L- STA. 15+00± TO -L- STA. 37+70±. REMOVE DEVICES FROM THE LEFT TURN LANE ON LENOIR RHYNE BLVD (SR 1007) TO OPEN THE LEFT TURN LANE ONTO LOOP A. CLOSE EXISTING RAMP B AND DETOUR RAMP B TRAFFIC PER OFFSITE DETOUR 4 SHOWN ON TMP-3C. PERFORM ALL WORK PER THE PHASE 4 TMP. INSTALL SIGNAL POLE PER SIGNAL PLANS IN THE WEST SIDE OF THE INTERSECTION.

STEP 3: USING THE PAVEMENT MARKING PLANS RESTRIPE LEFT TURN LANE USING TEMPORARY PAINT MARKINGS. REMOVE THE LEFT TURN LANE. INSTALL TUBULAR DELINEATORS TO TRACE FUTURE CONCRETE SEPARATOR ISLAND. ONCE ALL WORK IS COMPLETE, REMOVE ALL DEVICES TO OPEN -RPB- TO TRAFFIC AND SHIFT TRAFFIC ON I-40 BACK TO ORIGINAL LANES.

APPROVED: _____
DATE: 5/20/2026

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Signed by:
Jacob H. Duke
298300C8054E94D09

PHASING NOTES

5/20/2026
I-5716_1C_TMP-PHASING NOTES.dgn
User:idebone

PHASE 4 CONT.:

- STEP 4: INSTALL THE PROPOSED SIGNALS AT THE -Y1-, -RPA-, -LPA-, AND -RPB- INTERSECTION. MAINTAIN TRAFFIC PER RSD 1101.02 SHEET 1 OF 19 FOR LANE CLOSURES AND PER RSD 1101.03 SHEET 8 OF 9 DURING OVERHEAD WORK. ENERGIZE THE SIGNALS AND OPEN TO TRAFFIC.
- STEP 5: USING RSD 1101.02 SHEET 4 OF 19 TO PLACE SIGNS AND DEVICES. REMOVE ALL TEMPORARY PAVEMENT ALONG I-40 AND REGRADE SLOPE BACK TO ORIGNIAL CONDITIONS.

PHASE 5:

PHASE 5A:

- STEP 1: INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 5A ACTIVE WORK ZONE LIMITS. INSTALL ANCHORED PCB FROM -RPC- STA. 20+37± TO STA. 28+46±. USE TMP-22 TO DENOTE WORK AREA. USE TMP-22 TO PLACE SIGNS AND DEVICES TO CLOSE THE INSIDE SHOULDER OF -RPC- AND THE GORE AREA OF -LPC- WITH LENOIR RHYNE BLVD (SR 1007) DURING ALLOWABLE LANE CLOSURE TIMES. CONSTRUCT PORTION OF -RPC- SHOWN IN THE PHASE 5A PLANS. INSTALL SIGNAL POLE PER SIGNAL PLANS IN THE NORTHWEST QUANDRANT OF THE INTERSECTION.
- STEP 2: USE TMP-22 TO DENOTE WORK AREA. USE TMP-22 TO PLACE SIGNS AND DEVICES TO CLOSE THE INSIDE SHOULDER OF -LPC- . CONSTRUCT PORTION OF SIDEWALK PER PHASE 5A PLANS.

PHASE 5B:

- STEP 1: INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 5B ACTIVE WORK ZONE LIMITS. USE TMP-23 TO DENOTE WORK AREA AND PLACE SIGNS AND DEVICES. USING A FLAGGING OPERATION, CONSTRUCT PORTION OF -RPC- SHOWN IN THE PHASE 5B PLANS. CONTRACTOR MAY USE TMP-3B (DETOUR 3) AS AN OPTION TO COMPLETE THIS WORK. INSTALL SIGNAL POLE PER SIGNAL PLANS IN THE SOUTHWEST QUANDRANT OF THE INTERSECTION.

PHASE 6:

ICT:
COMPLETE ALL WORK REQUIRING A LANE CLOSURE DESCRIBED IN PHASE 6 STEP 1 BETWEEN THE HOURS OF 9:00 PM FRIDAY AND 6:00 AM MONDAY. SEE ICT FOR LIQUIDATED DAMAGES.

- STEP 1: INSTALL CHANNELIZING DEVICES ON THE ROADSIDE WITHIN THE PHASE 6 ACTIVE WORK ZONE LIMITS. USE TMP-25 THRU TMP-26 TO DENOTE WORK AREA AND PLACE SIGNS AND DEVICES. INSTALL ANCHORED PCB FROM STA. -Y1- 25+70± TO -Y1- STA. 31+20± WHILE MAINTAINING TRAFFIC PER RSD 1101.02 SHEET 3 OF 19. INSTALL DRAINAGE STRUCTURES 0642, 0641, 0640, 0639, 0644, 0638 AND ASSOCIATED PIPES. DO NOT INSTALL CROSS PIPE UNDER -RPD- AT THIS TIME. INSTALL CURB AND GUTTER, SIDEWALK, GUARDRAIL AND PERFORM GRADING. INSTALL SIGNAL POLES PER SIGNAL PLANS ON THE EAST SIDE OF THE INTERSECTION. REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE. ONCE ALL WORK IS COMPLETE USING A LANE CLOSURE REMOVE ALL PCB, SIGNS, AND DEVICES TO REOPEN THE LANE TO TRAFFIC.

ICT:
COMPLETE ALL WORK REQUIRING A LANE CLOSURE DESCRIBED IN PHASE 6 STEP 2 AND PHASE 6 STEP 4 IN THREE (3) CONSECUTIVE WORK PERIODS DURING ALLOWABLE CLOSURE TIMES.
SEE ICT FOR LIQUIDATED DAMAGES.

- STEP 2: USE TMP-25 THRU TMP-26 TO DENOTE WORK AREA. USE TMP-3H -RPD- OFFSITE DETOUR TO CLOSE -RPD- . INSTALL CROSS PIPE BETWEEN DRAINAGE STRUCTURES 0638 AND 0635. ONCE ALL WORK IS COMPLETE, REMOVE SIGNS AND DEVICES AND REOPEN -RPD- TO TRAFFIC.

PHASING NOTES

PHASE 6 CONT.:

- STEP 3: USE TMP-25 THRU TMP-26 TO DENOTE WORK AREA. CLOSE THE NORTHBOUND LANES OF LENOIR RHYNE BLVD (SR 1007) AND DETOUR TRAFFIC PER OFFSITE DETOUR 5 (TMP-3D) AND OFFSITE DETOUR 6 (TMP-3E). CONSTRUCT CROSS PIPE BETWEEN DRAINAGE STRUCTURES 0637 AND 0638.
- STEP 4: USE TMP-25 THRU TMP-26 TO DENOTE WORK AREA. USING RSD 1101.02 SHEET 3 OF 19 CLOSE THE INSIDE LANE SOUTHBOUND LANE OF LENOIR RHYNE BLVD (SR 1007) WHILE DETOURING -RPC- TRAFFIC PER OFFSITE DETOUR 6 AND 7 (TMP-3E AND TMP-3F). CONSTRUCT DRAINAGE STRUCTURE 0637 AND 0636 AND ASSOCIATED PIPE AND COVER WITH STEEL PLATE.
- STEP 5: USING LANE CLOSURES INSTALL THE PROPOSED SIGNALS AT THE -Y1-, -RPC-, AND -RPD- INTERSECTION. MAINTAIN TRAFFIC PER RSD 1101.02 SHEET 1 OF 19 FOR LANE CLOSURES AND PER RSD 1101.03 SHEET 8 OF 9 DURING OVERHEAD WORK. ENERGIZE THE SIGNALS AND OPEN TO TRAFFIC.

PHASE 7:

PHASE 7A:

- STEP 1: USE TMP-29 TO DENOTE WORK AREA. USE TMP-28,TMP-29, AND RSD 1101.02 SHEET 7 OF 19 TO PLACE SIGNS AND DEVICES TO CLOSE THE INSIDE LANES OF LENOIR RHYNE BLVD (SR 1007) IN BOTH NORTHBOUND AND SOUTHBOUND DIRECTIONS. USE TMP-3I TO PLACE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND LANES OF LENOIR RHYNE BLVD (SR 1007). INSTALL DRAINAGE STRUCTURE 0612 AND ASSOCIATED PIPE.
- STEP 2: USE TMP-29 TO DENOTE WORK AREA. USE TMP-28, TMP-29 AND RSD 1101.02 SHEET 7 OF 19 TO PLACE SIGNS AND DEVICES TO CLOSE THE INSIDE LANES OF LENOIR RHYNE BLVD (SR 1007) IN BOTH NORTHBOUND AND SOUTHBOUND DIRECTIONS. CONSTRUCT THE PROPOSED MEDIAN CONCRETE ISLAND. REPEAT STEP 2 UNTIL ALL WORK IS COMPLETE.

PHASE 7B:

- STEP 1: USE TMP-30 TO DENOTE WORK AREA. USE TMP-30 AND RSD 1101.02 SHEET 3 OF 19 TO PLACE SIGNS AND DEVICES TO CLOSE THE MIDDLE LANE OF LENOIR RHYNE BLVD (SR 1007). CONSTRUCT THE PROPOSED CONCRETE ISLAND AT THE TOP OF -RPA- AND BETWEEN -RPA- AND -LPA-. REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

PHASE 7 CONT.:

PHASE 7C:

- STEP 1: USE TMP-33 TO DENOTE WORK AREA. USE TMP-32, TMP-33, TMP-34 AND RSD 1101.02 SHEET 3 OF 19 TO PLACE SIGNS AND DEVICES TO CLOSE THE INSIDE LANES OF LENOIR RHYNE BLVD (SR 1007) IN BOTH NORTHBOUND AND SOUTHBOUND DIRECTIONS. CONSTRUCT THE PROSED MEDIAN CONCRETE ISLAND.

PHASE 7D:

- STEP 1: USE TMP-35 TO DENOTE WORK AREA. USE TMP-35, TMP-36, AND RSD 1101.02 SHEET 3 OF 19 TO PLACE SIGNS AND DEVICES TO CLOSE THE INSIDE LANES OF LENOIR RHYNE BLVD (SR 1007) IN BOTH NORTHBOUND AND SOUTHBOUND DIRECTIONS. CONSTRUCT THE PROPOSED MEDIAN CONCRETE ISLAND.

PHASE 8:

- STEP 1: USING THE PAVEMENT MARKING PLANS AND ROADWAY STANDARD DRAWINGS, USE SINGLE LANE CLOSURES AS NEEDED TO PLACE THE FINAL SURFACE LAYER AND PAVEMENT MARKINGS PER ROADWAY AND PAVEMENT MARKING PLANS.

PROJ. REFERENCE NO.

I-5716

SHEET NO.

TMP-1E

KCA

KISINGER CAMPO

+ ASSOCIATES

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SUITE 1500

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NC FIRM LICENSE: C-1506

APPROVED:

Signed by:

Jacob H. Duke

29830C8054E94D9

DATE: 5/20/2026

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DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

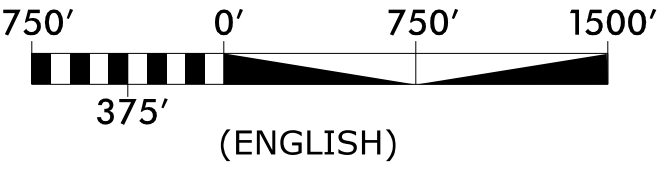
WORK ZONE TRAFFIC CONTROL

PHASING NOTES

KCA
KISINGER CAMPO
+ ASSOCIATES

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NC FIRM LICENSE: C-1506

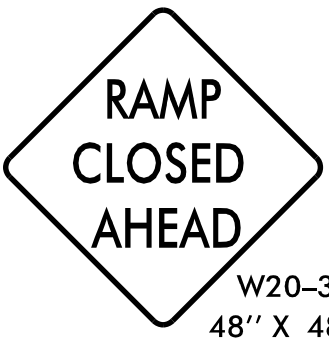
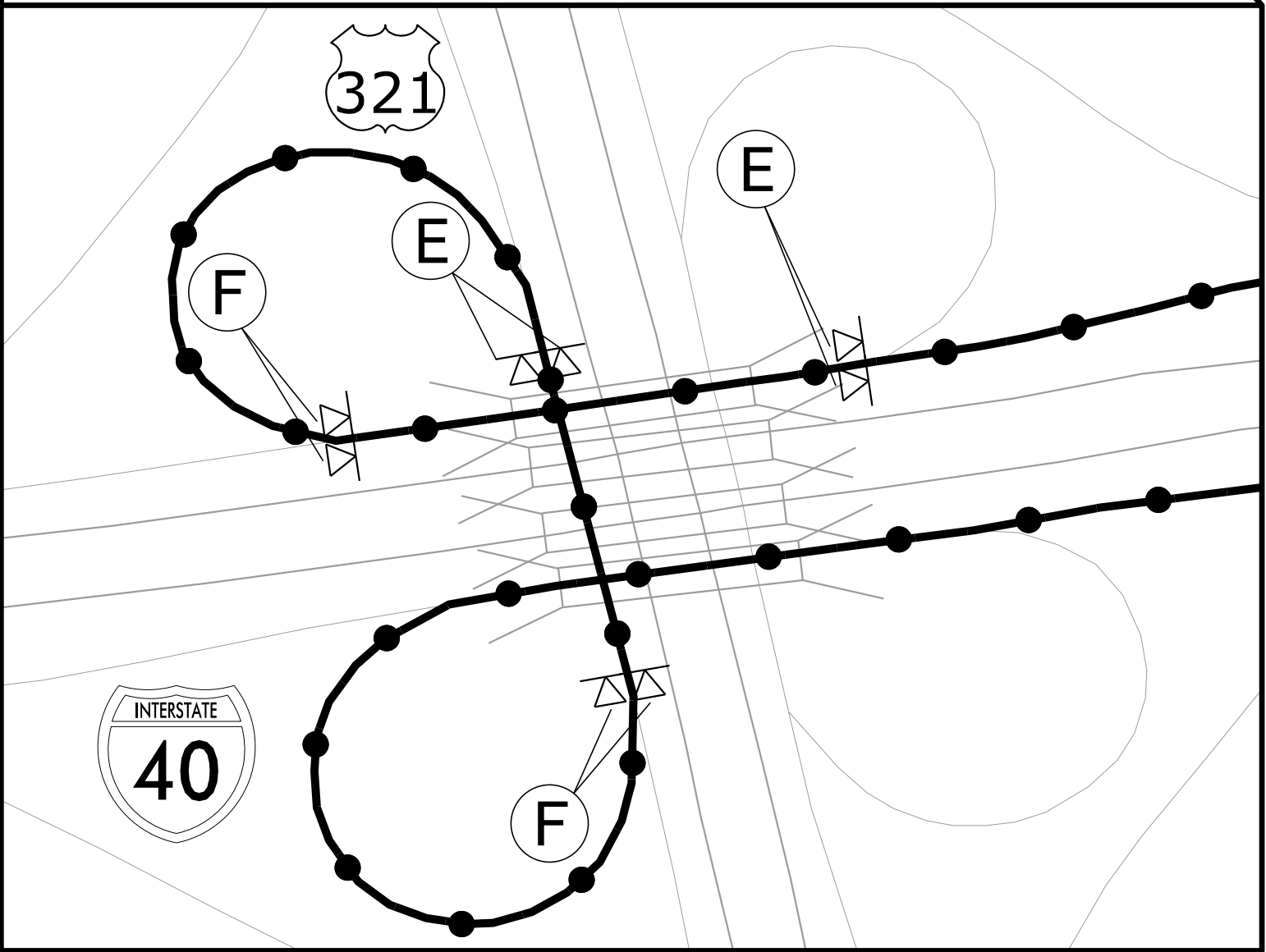
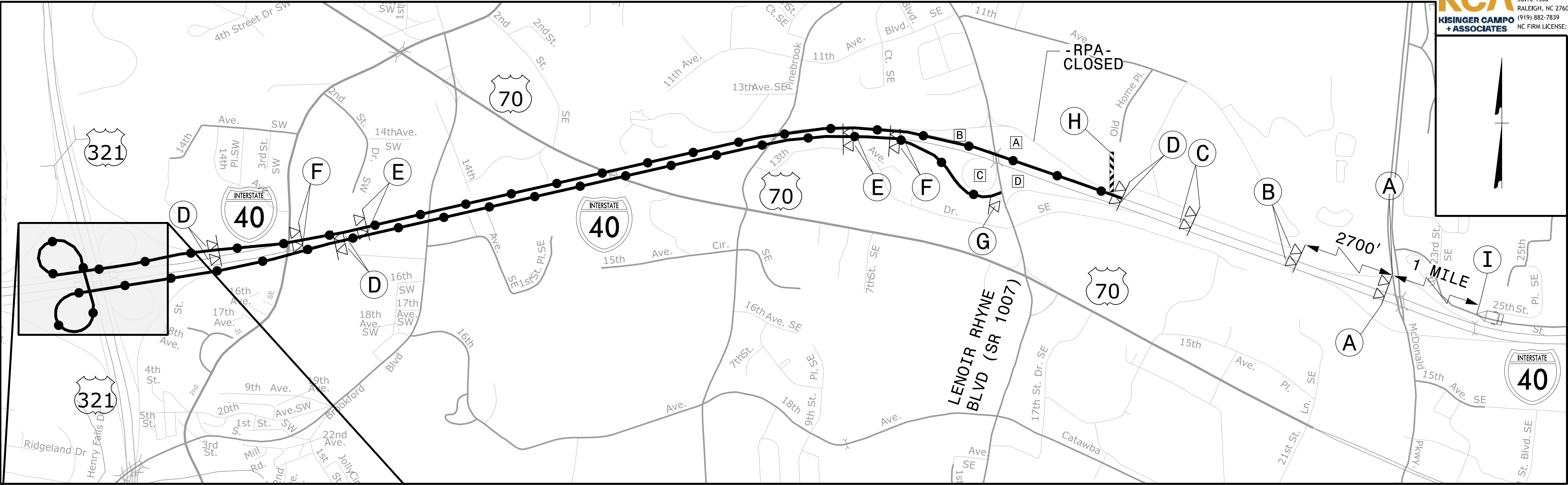
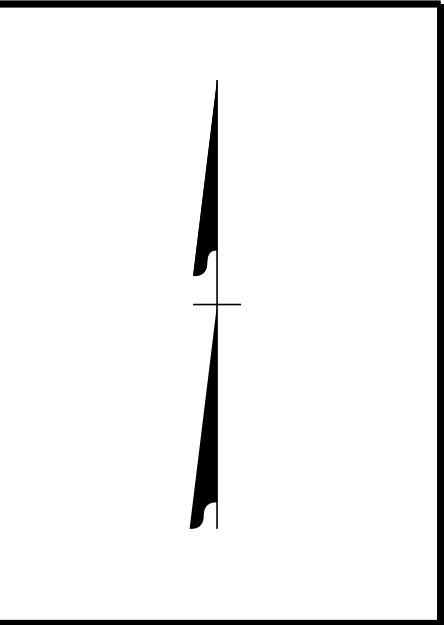
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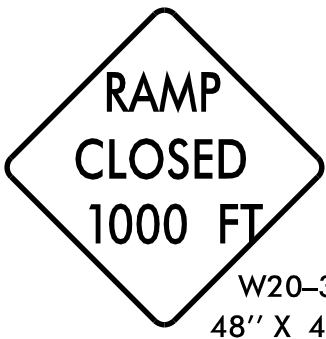
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KCA
KISINGER CAMPO
+ ASSOCIATES

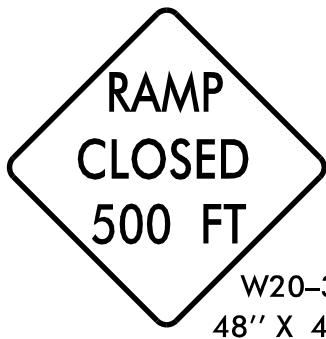
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NC FIRM LICENSE: C-1506



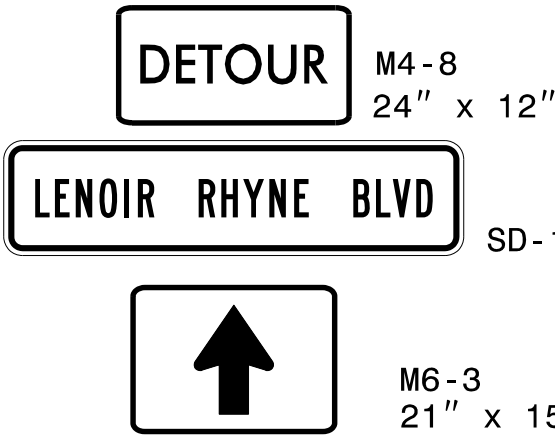
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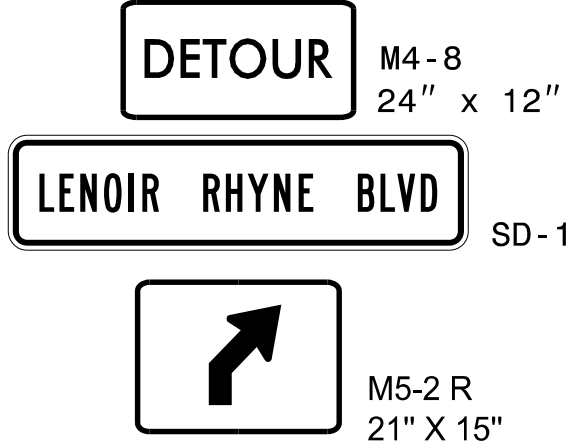
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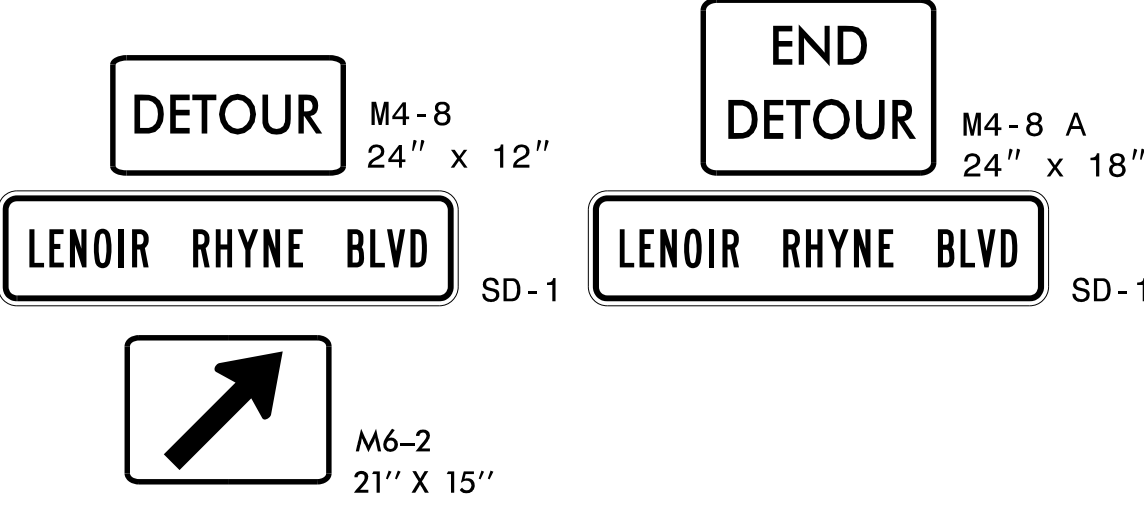
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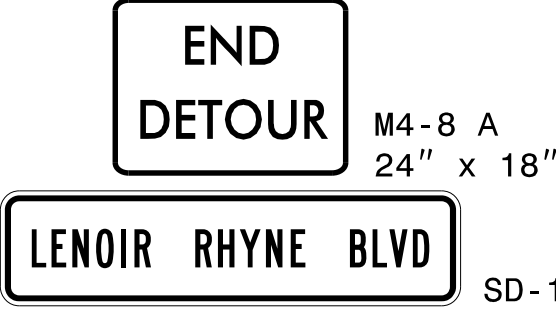
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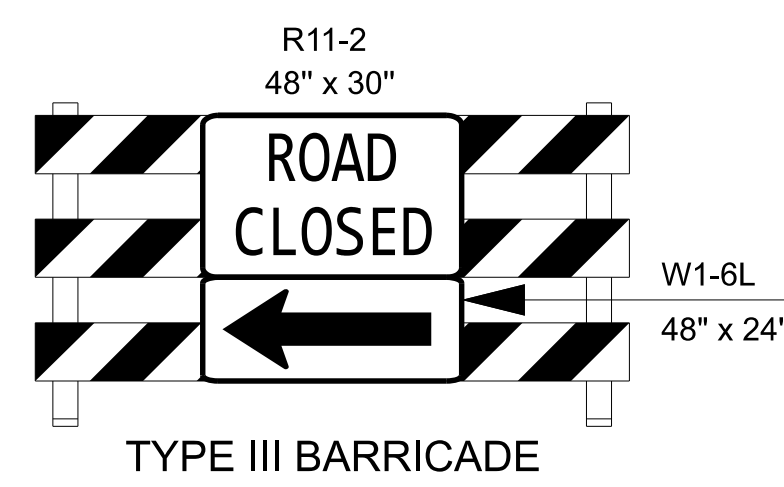
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F



G



H

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 125 CLOSED AHEAD	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

I

CLOSED ROADWAY:

EXISTING RAMP A (WB I-40 OFF-RAMP)

DETOUR DESCRIPTION:

I-40 WEST TO HWY 321 SOUTH RAMP (EXIT 123A) TO
I-40 EAST RAMP (EXIT 43A) TO LENOIR RHYNE BLVD (SR 1007) (EXIT 125)

NOTES:

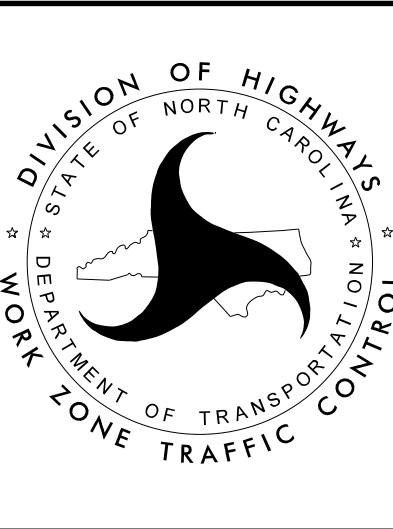
- TRAFFIC CONTROL DEVICES (A) THRU (I) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.

APPROVED: _____

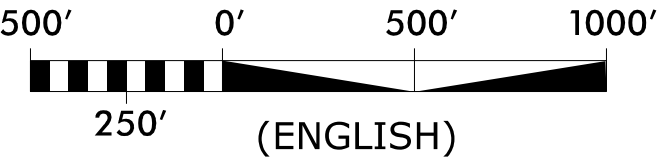
DATE: 5/20/2026

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UNLESS ALL SIGNATURES COMPLETED



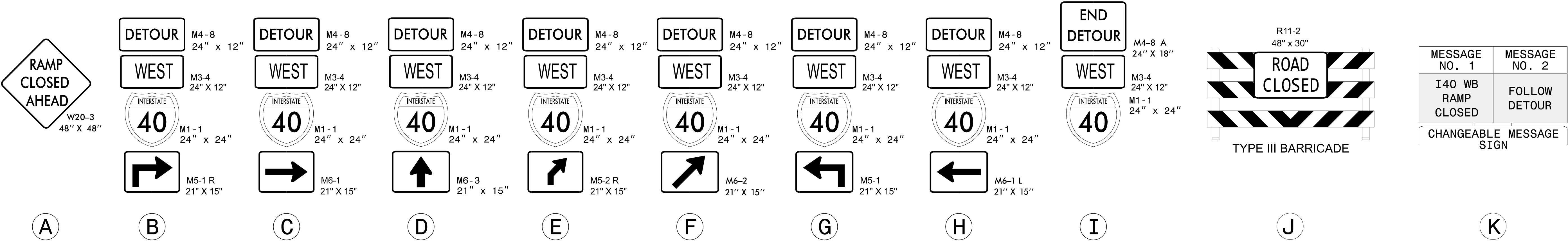
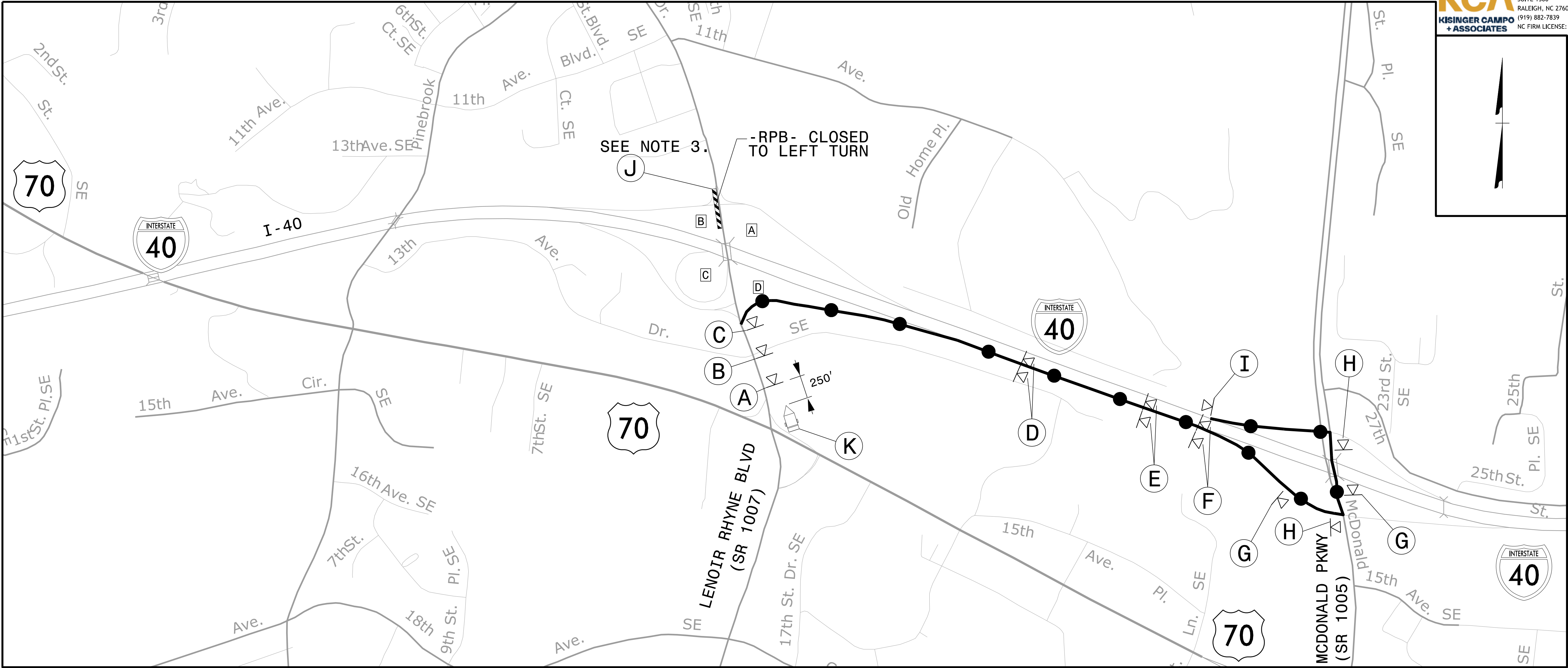
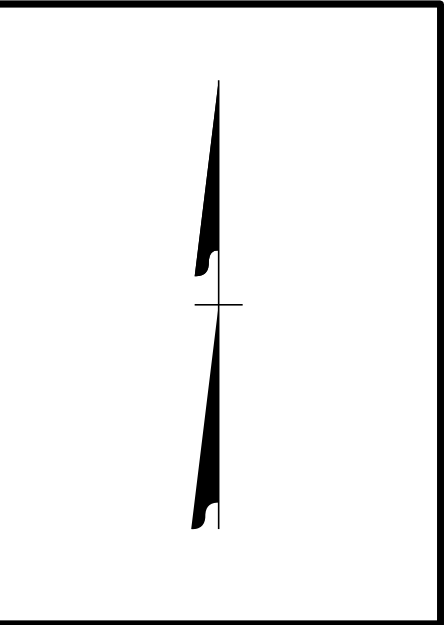
OFFSITE DETOUR 1
OFF - RAMP A



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3A

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



CLOSED ROADWAY:

EXISTING RAMP B (WB I-40 ON-RAMP)
(SEE NOTE 3)

DETOUR DESCRIPTION:

LENOIR RHYNE BLVD (SR 1007) TO I-40 EAST TO MCDONALD PKWY (SR 1005)
RAMP (EXIT 126) TO MCDONALD PKWY (SR 1005) TO I-40 WEST

NOTES:

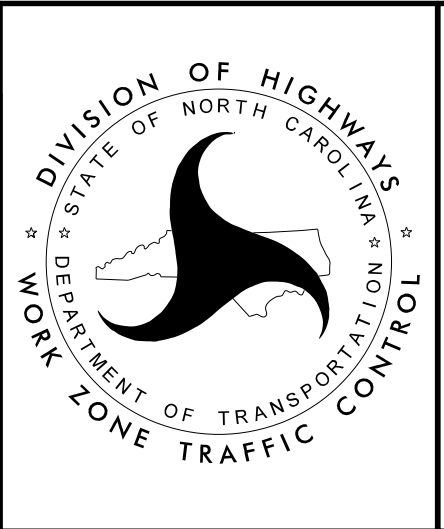
- TRAFFIC CONTROL DEVICES (A) THRU (K) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- RIGHT TURN ON RAMP TO REMAIN OPEN FOR SOUTHBOUND TRAFFIC ON LENOIR RHYNE BLVD.

APPROVED: _____

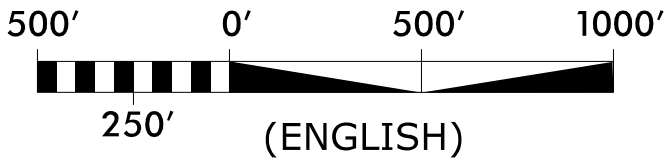
DATE: 5/20/2026

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



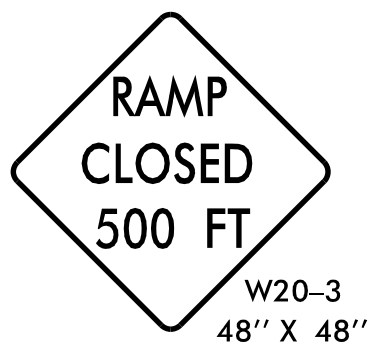
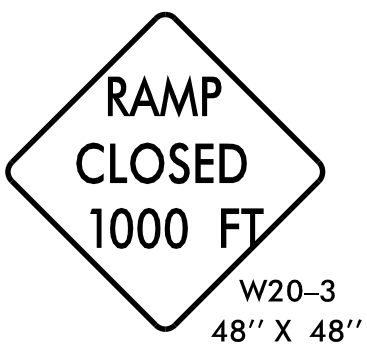
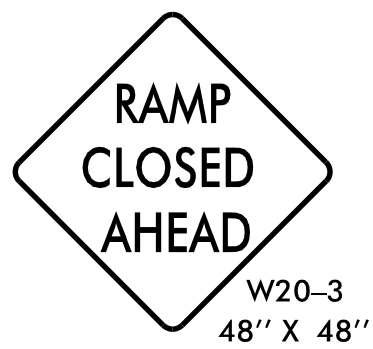
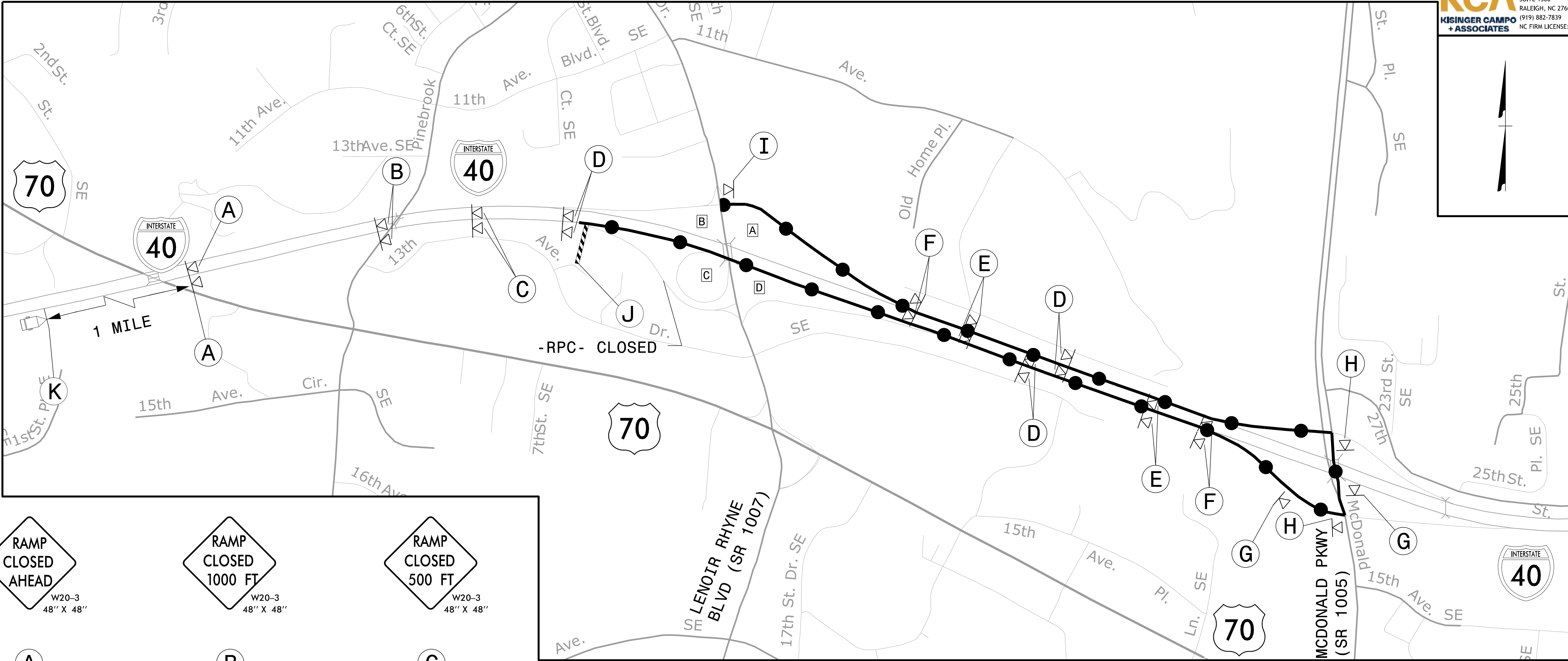
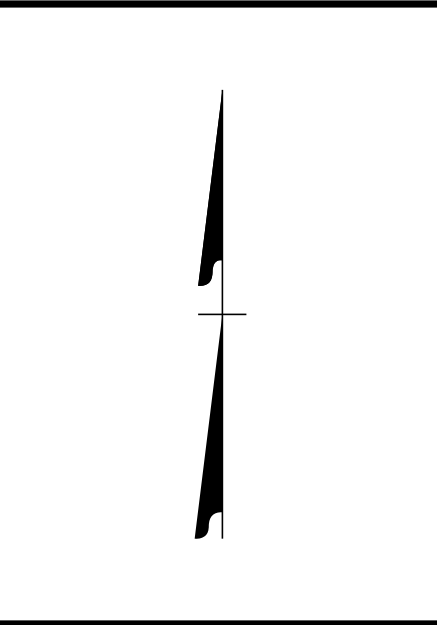
OFFSITE DETOUR 2
ON-RAMP B



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3B

KCA
KISINGER CAMPO
+ ASSOCIATES

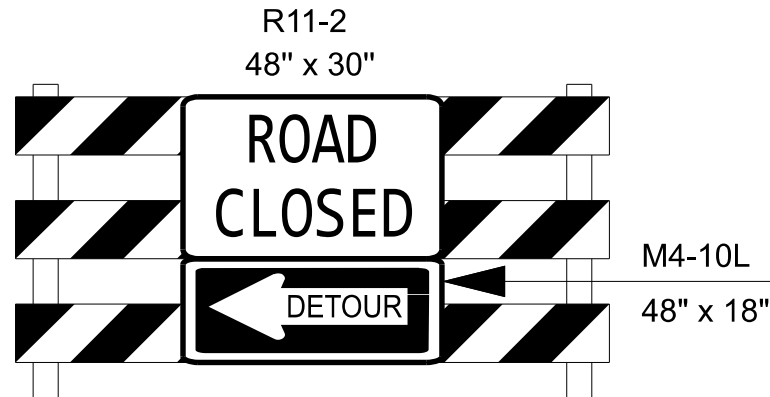
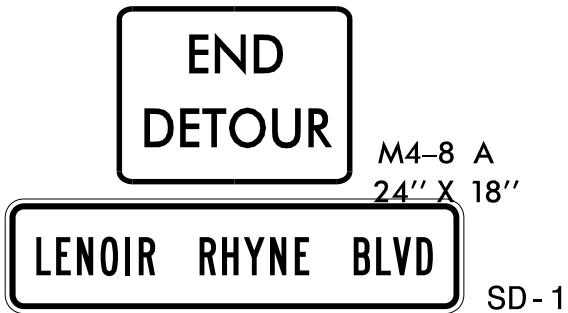
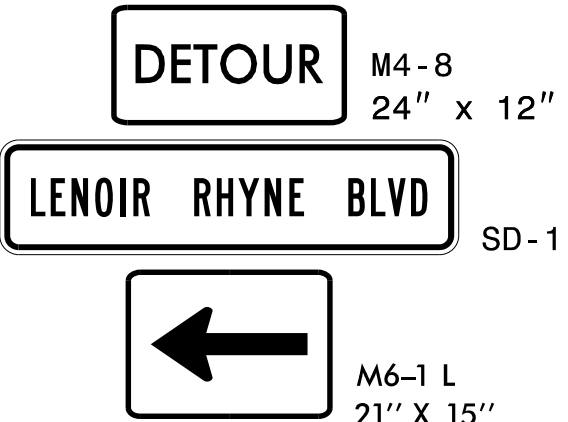
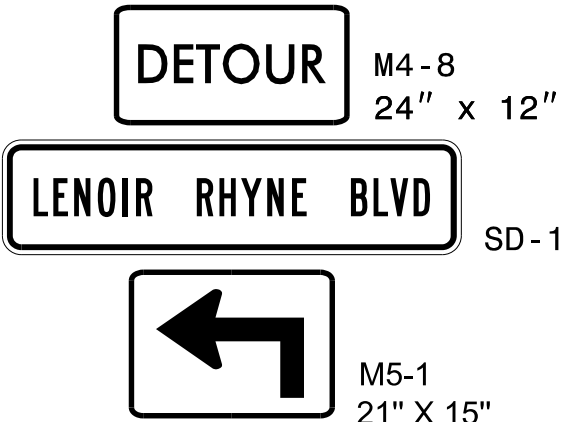
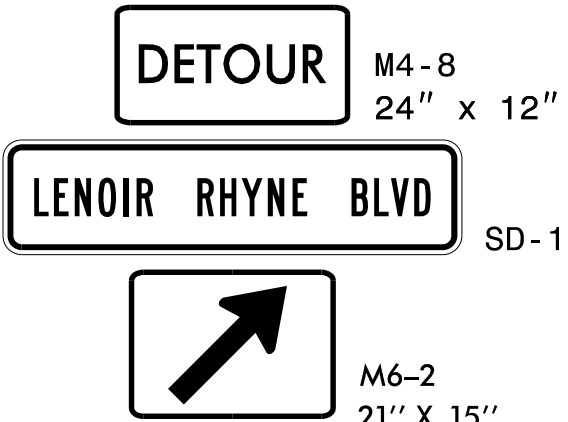
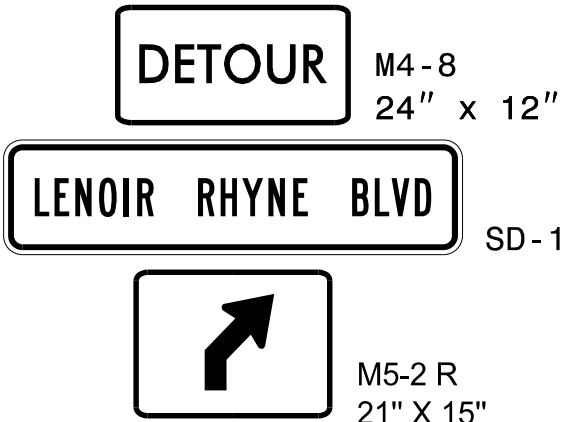
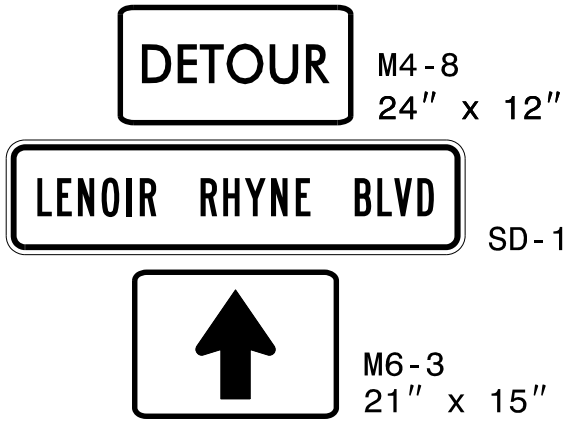
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



A

B

C



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 125 CLOSED AHEAD	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

D

E

F

G

H

I

J

K

CLOSED ROADWAY:

EXISTING RAMP C (EB I-40 OFF-RAMP)

DETOUR DESCRIPTION:

I-40 EAST TO MCDONALD PKWY (SR 1005) RAMP (EXIT 126) TO
MCDONALD PKWY (SR 1005) TO I-40 WEST TO LENOIR RHYNE BLVD
(SR 1007) (EXIT 125)

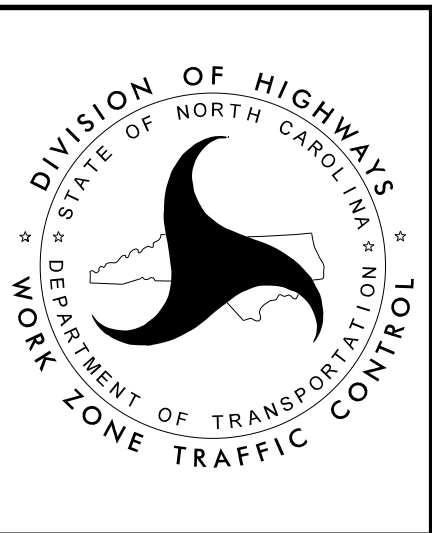
NOTES:

- TRAFFIC CONTROL DEVICES (A) THRU (K) SHALL BE
INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03
SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS
OTHERWISE NOTED ON THIS SHEET.

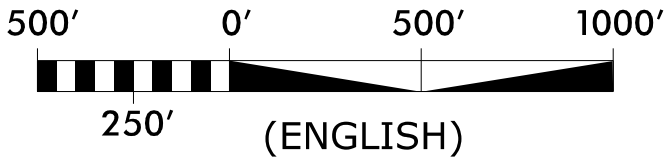
APPROVED: _____
DATE: 5/20/2026

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



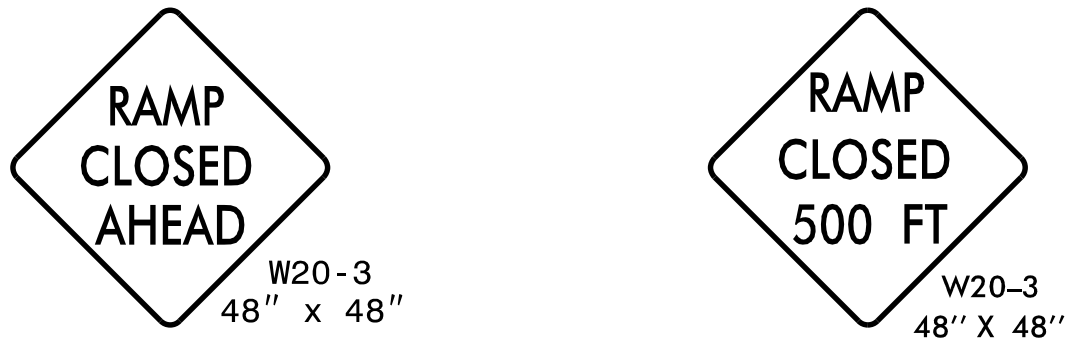
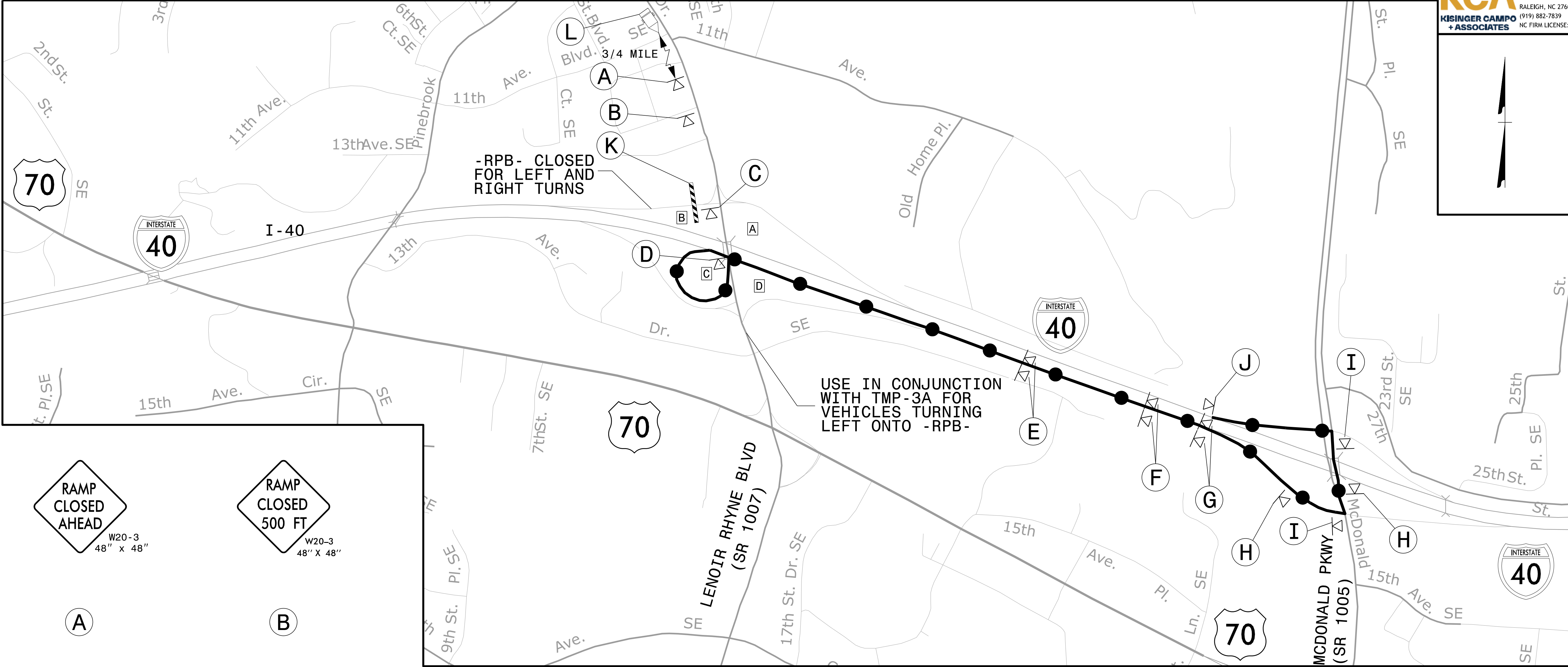
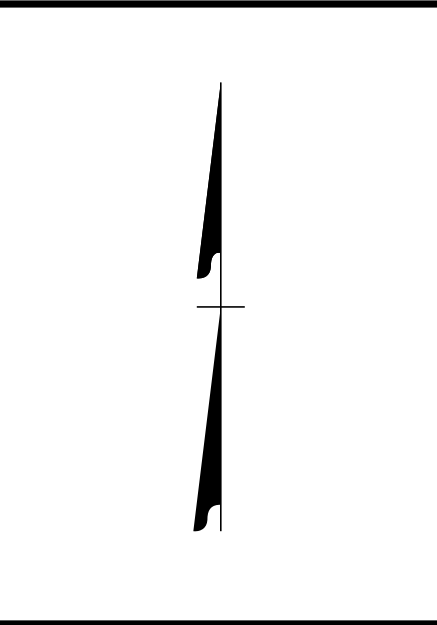
OFFSITE DETOUR 3
OFF-RAMP C



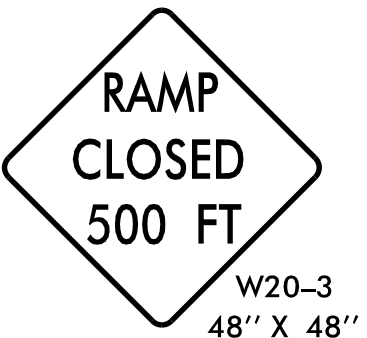
PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3C

KCA
KISINGER CAMPO
+ ASSOCIATES

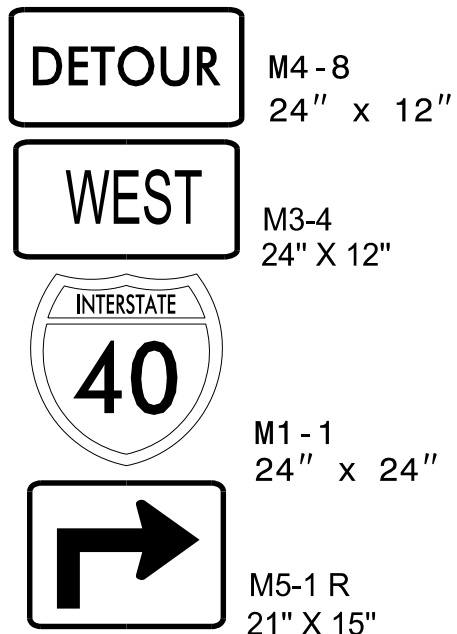
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



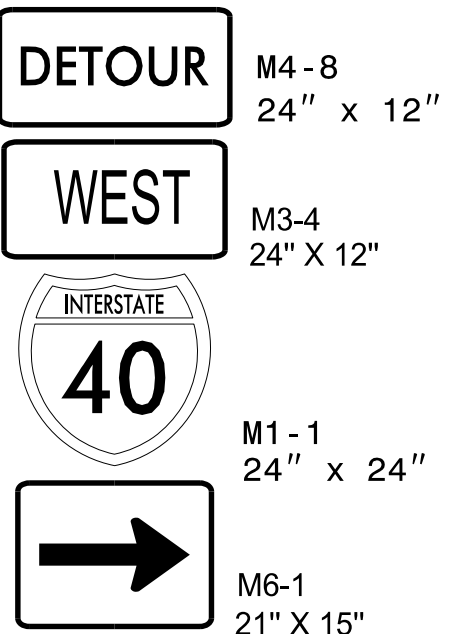
A



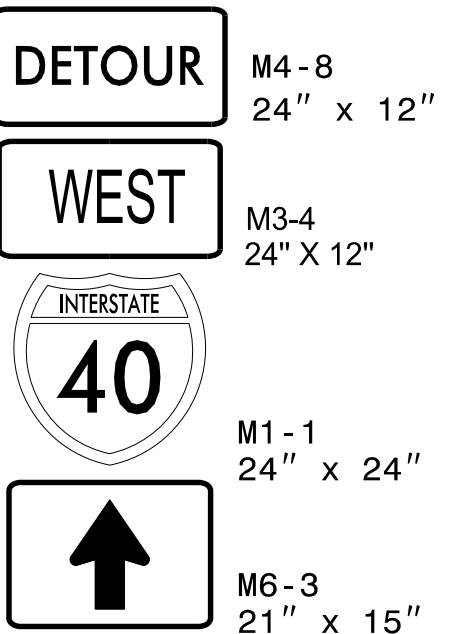
B



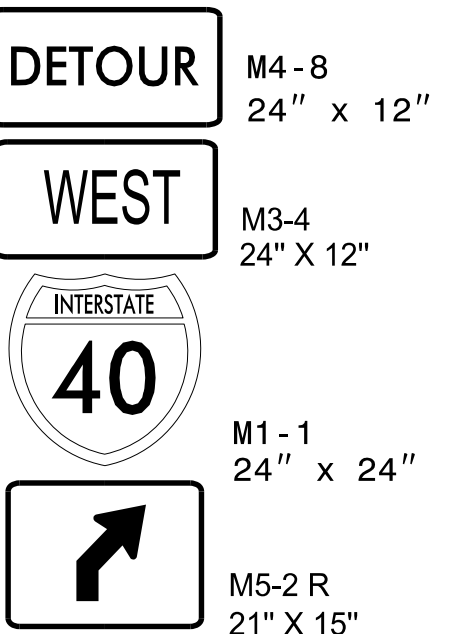
C



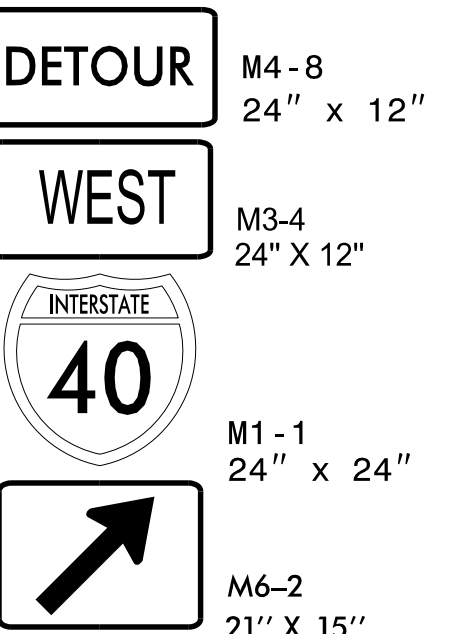
D



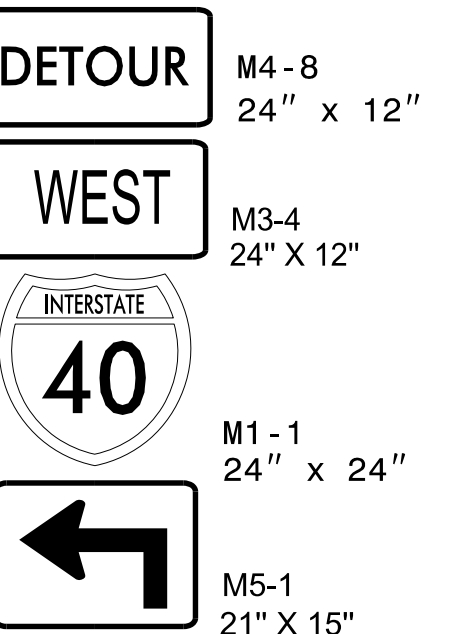
E



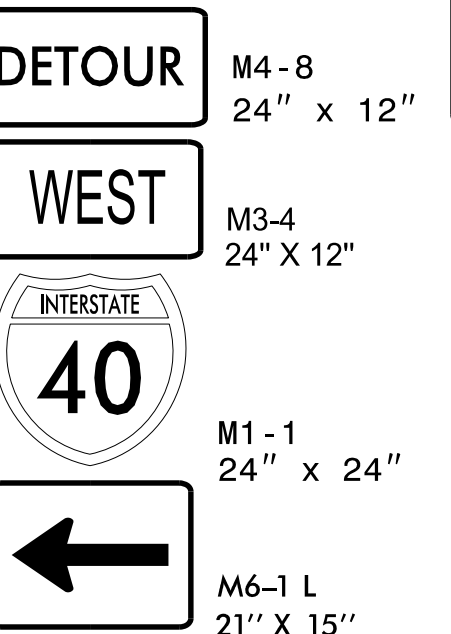
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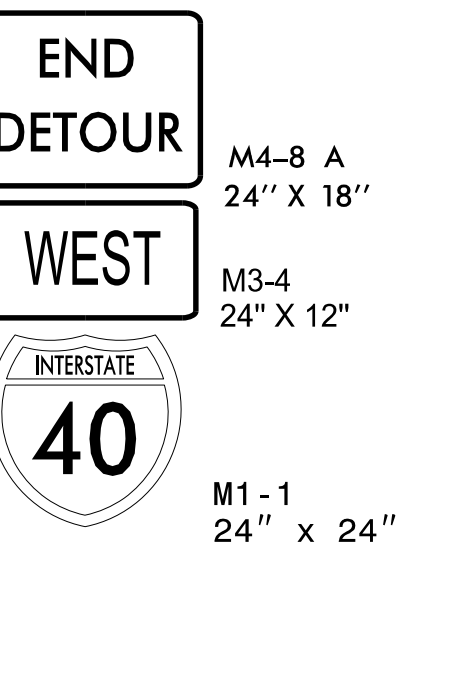
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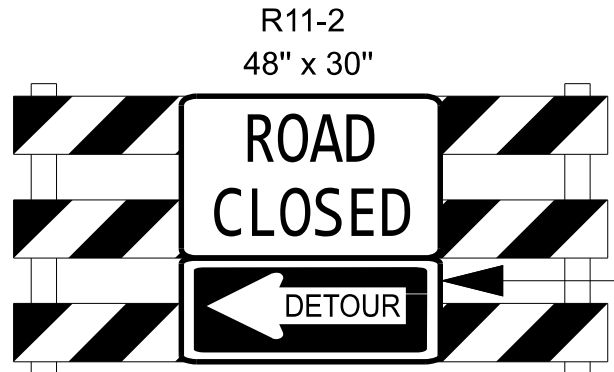
H



I



J



K

M4-10L
48" x 18"

MESSAGE NO. 1	MESSAGE NO. 2
I40 WB RAMP CLOSED	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

L

CLOSED ROADWAY: _____

EXISTING RAMP B (WB I-40 ON-RAMP)

DETOUR DESCRIPTION: _____

LENOIR RHYNE BLVD (SR 1007) TO I-40 EAST TO
MCDONALD PKWY (SR 1005) RAMP (EXIT 126) TO
MCDONALD PKWY (SR 1005) TO I-40 WEST

NOTES: _____

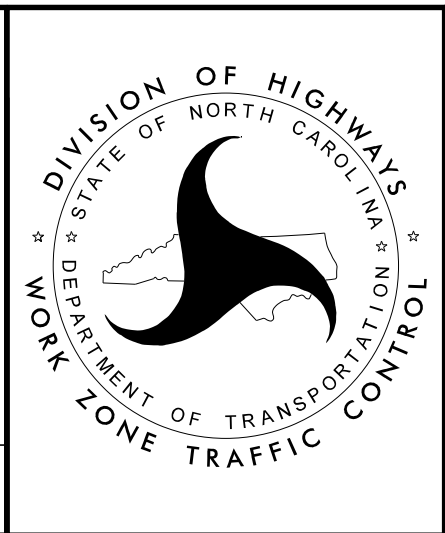
- TRAFFIC CONTROL DEVICES (A) THRU (L) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.

APPROVED: _____

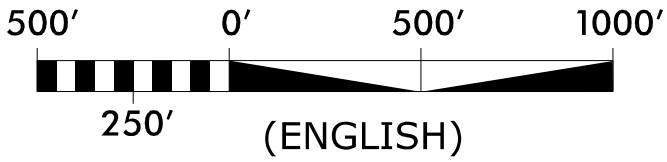
DATE: 5/20/2026

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



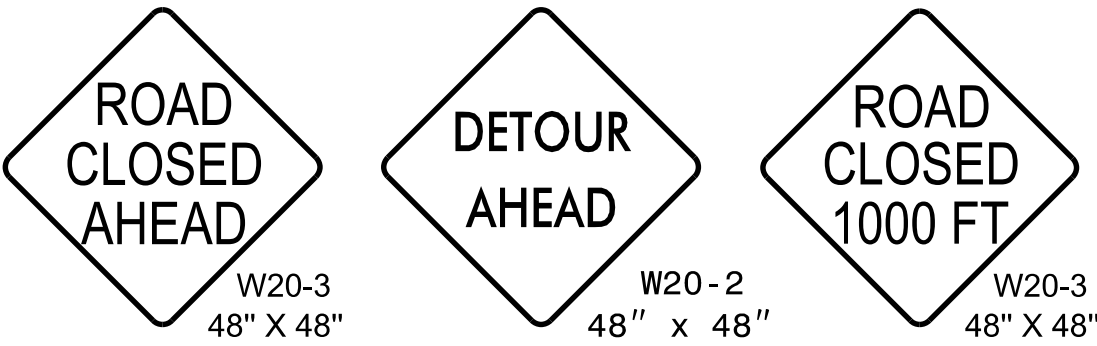
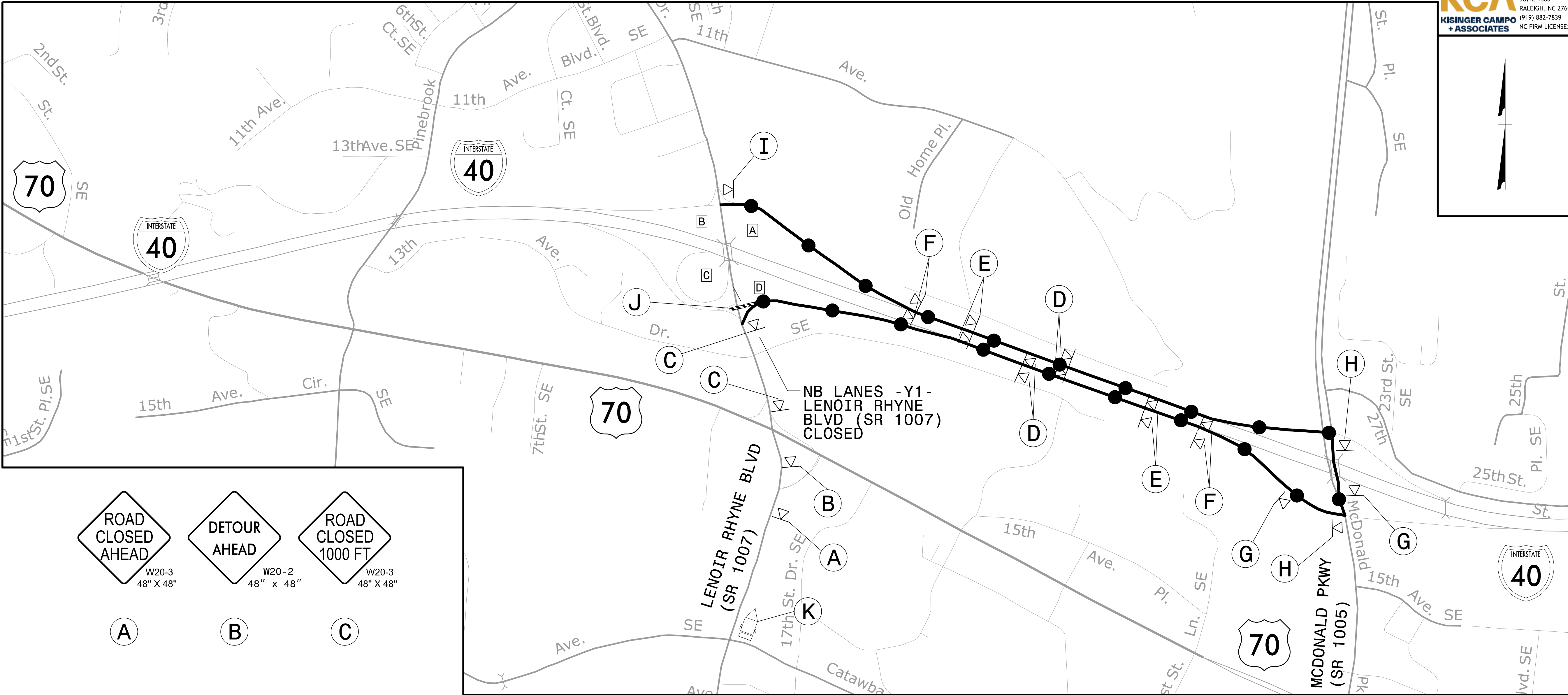
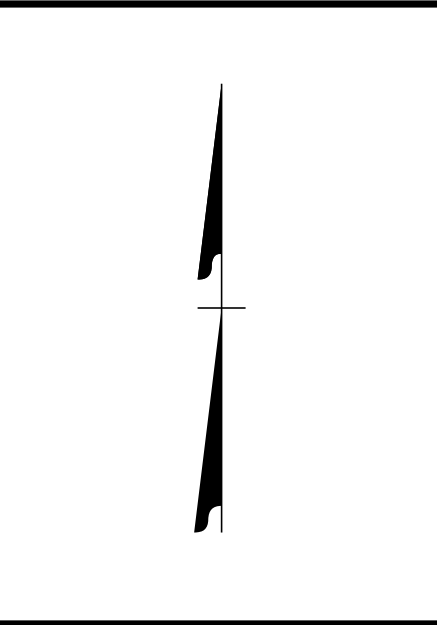
OFFSITE DETOUR 4
ON-RAMP B



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3D

KCA
KISINGER CAMPO
+ ASSOCIATES

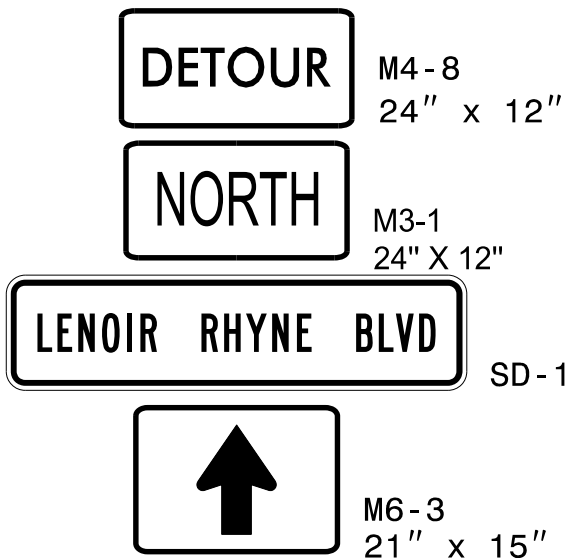
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



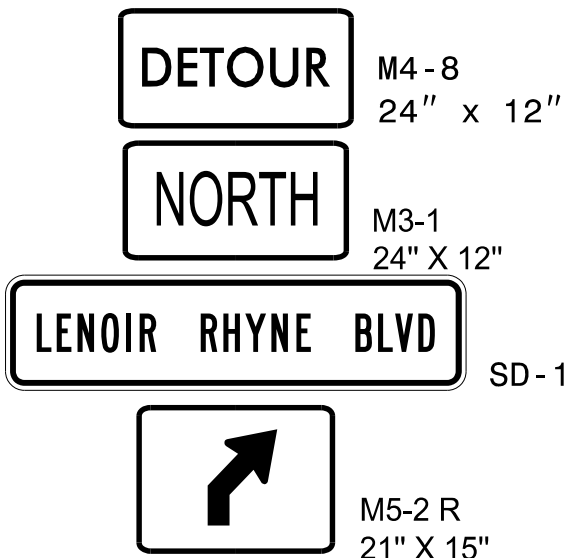
A

B

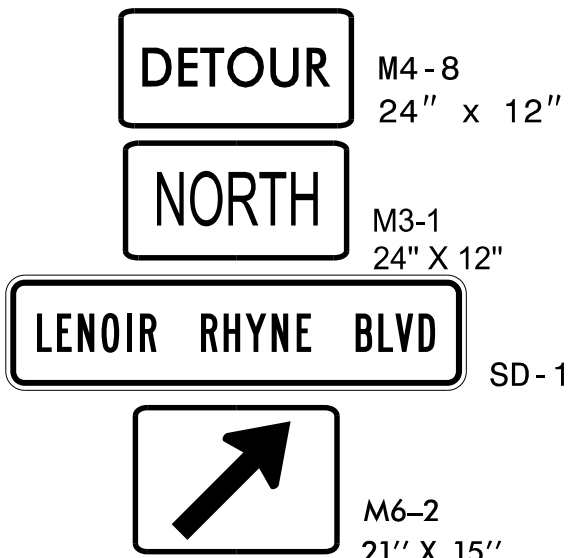
C



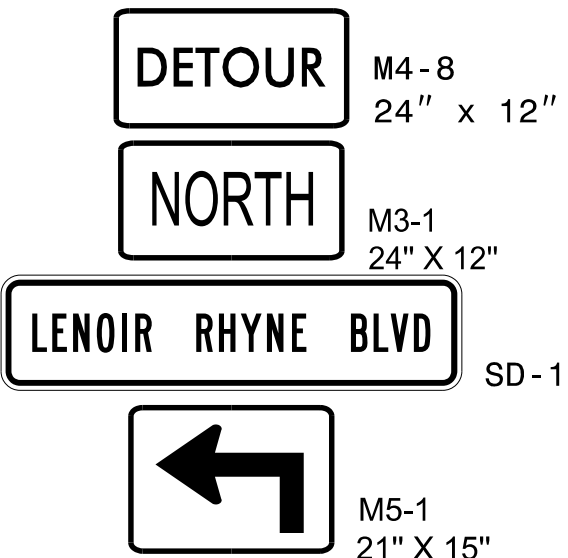
D



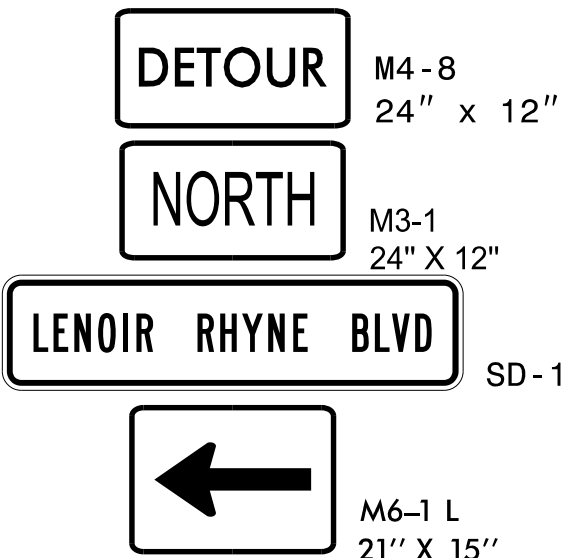
E



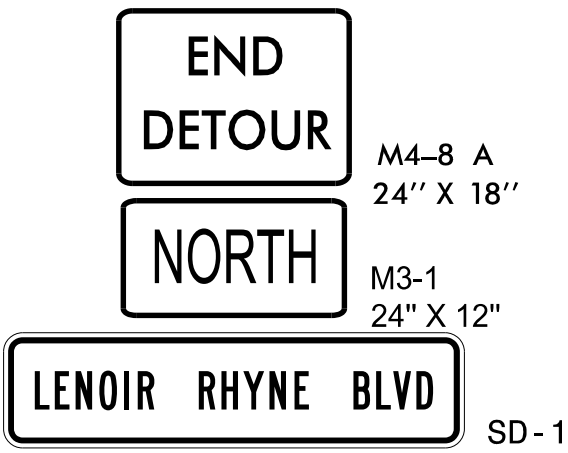
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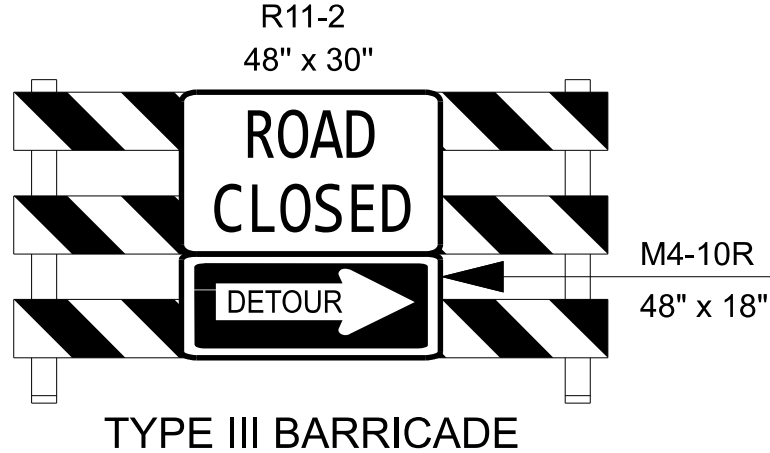
G



H



I



J

MESSAGE NO. 1	MESSAGE NO. 2
ROAD CLOSED AHEAD	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

K

CLOSED ROADWAY:

EXISTING NB LANES OF SR 1007 (LENOIR RHYNE BLVD.)

DETOUR DESCRIPTION:

I-40 EAST TO McDONALD PKWY (SR 1005) RAMP (EXIT 126)
TO McDONALD PKWY (SR 1005) TO I-40 WEST TO LENOIR
RHYNE BLVD (SR 1007) (EXIT 125)

NOTES:

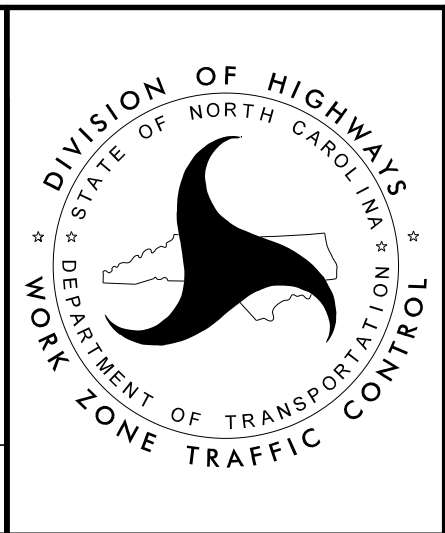
- TRAFFIC CONTROL DEVICES (A) THRU (K) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- USE THIS SHEET IN CONJUNCTION WITH TMP-3E.

APPROVED: _____

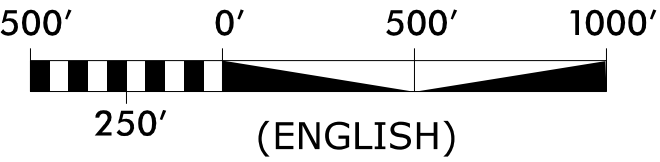
DATE: 5/20/2026

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



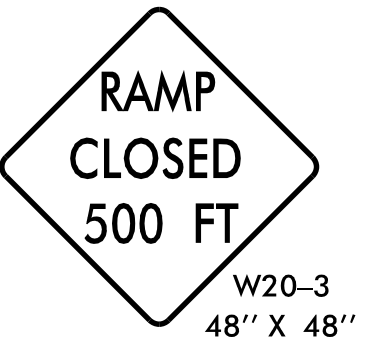
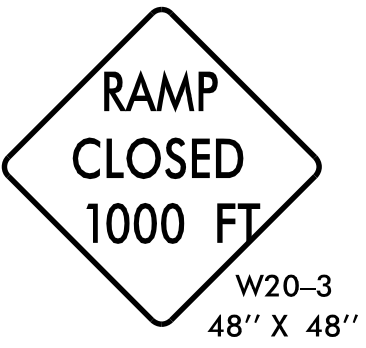
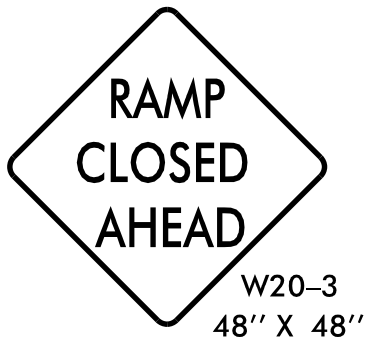
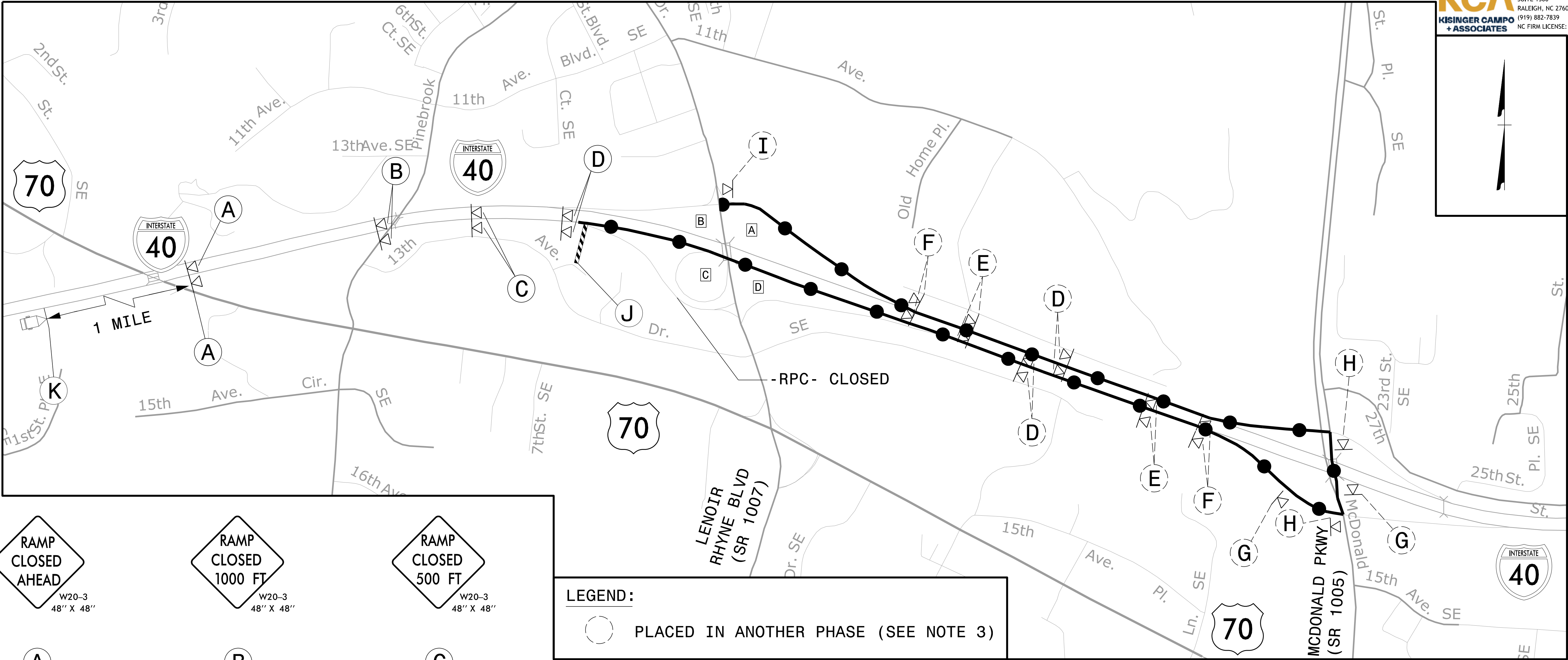
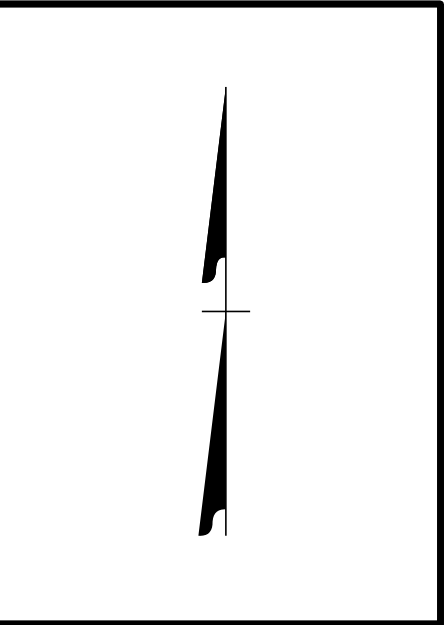
OFFSITE DETOUR 5
LENOIR RHYNE BLVD NB



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3E

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



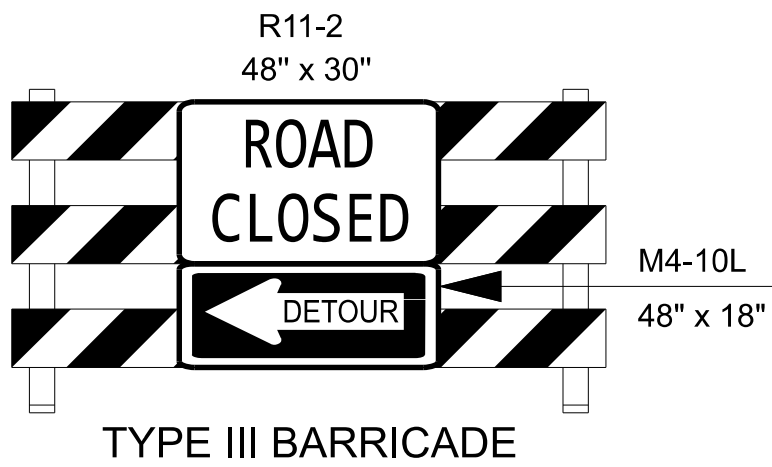
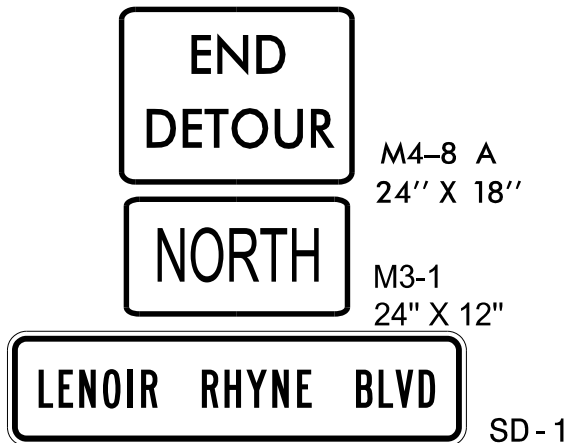
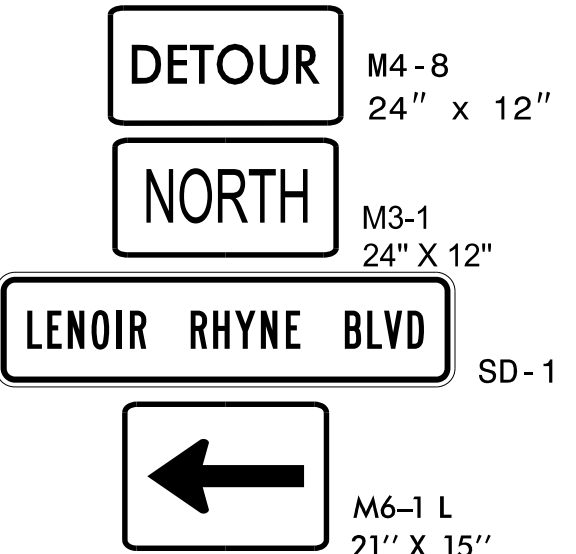
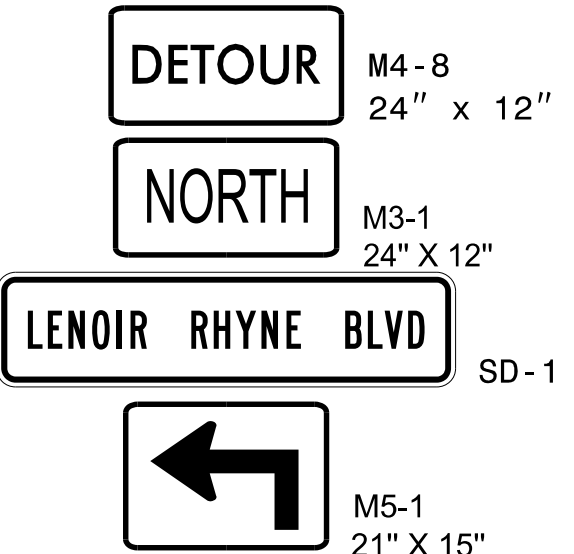
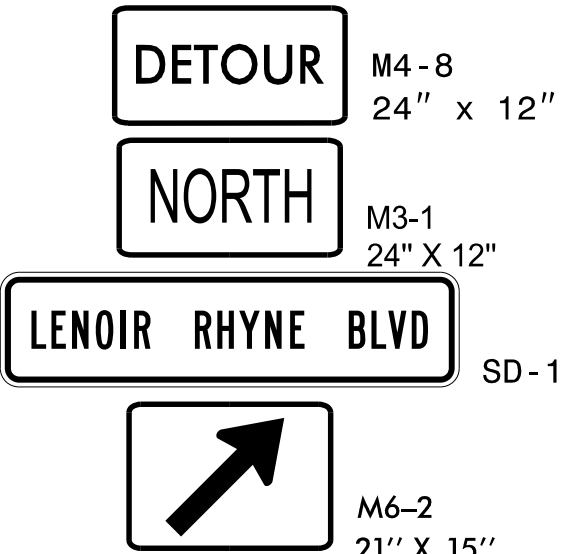
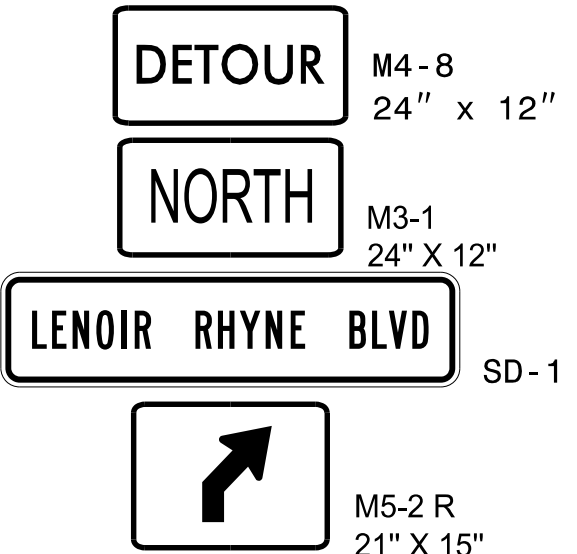
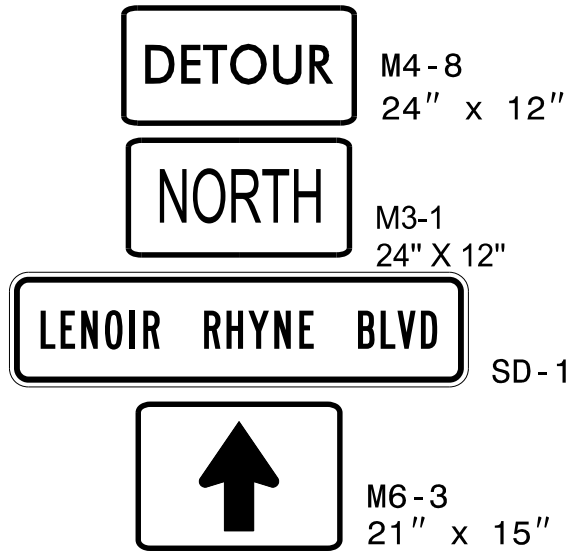
LEGEND:

○ PLACED IN ANOTHER PHASE (SEE NOTE 3)

A

B

C



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 125 CLOSED AHEAD	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

D

E

F

G

H

I

J

K

CLOSED ROADWAY:

EXISTING RAMP C (EB I-40 OFF-RAMP)

DETOUR DESCRIPTION:

I-40 EAST TO MCDONALD PKWY (SR 1005) RAMP (EXIT 126)
TO MCDONALD PKWY (SR 1005) TO I-40 WEST TO LENOIR
RHYNE BLVD (SR 1007) (EXIT 125)

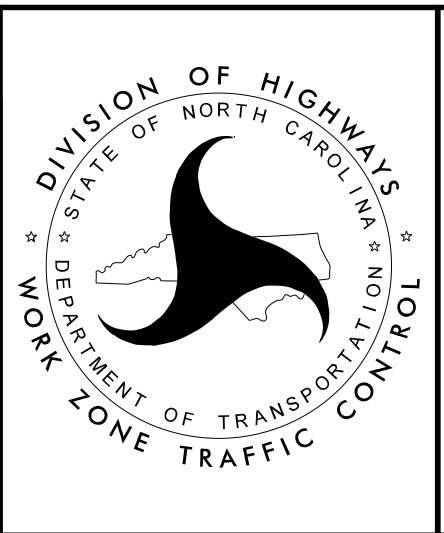
NOTES:

- TRAFFIC CONTROL DEVICES (A) THRU (K) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- USE THIS SHEET IN CONJUNCTION WITH TMP-3D.

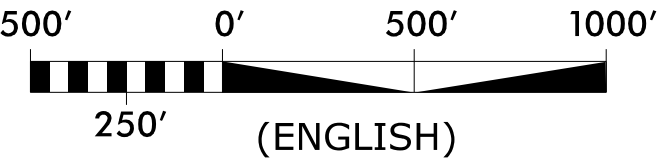
APPROVED: _____
DATE: 5/20/2026

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



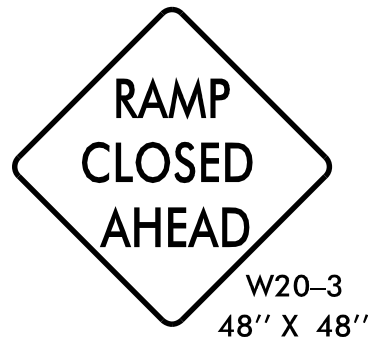
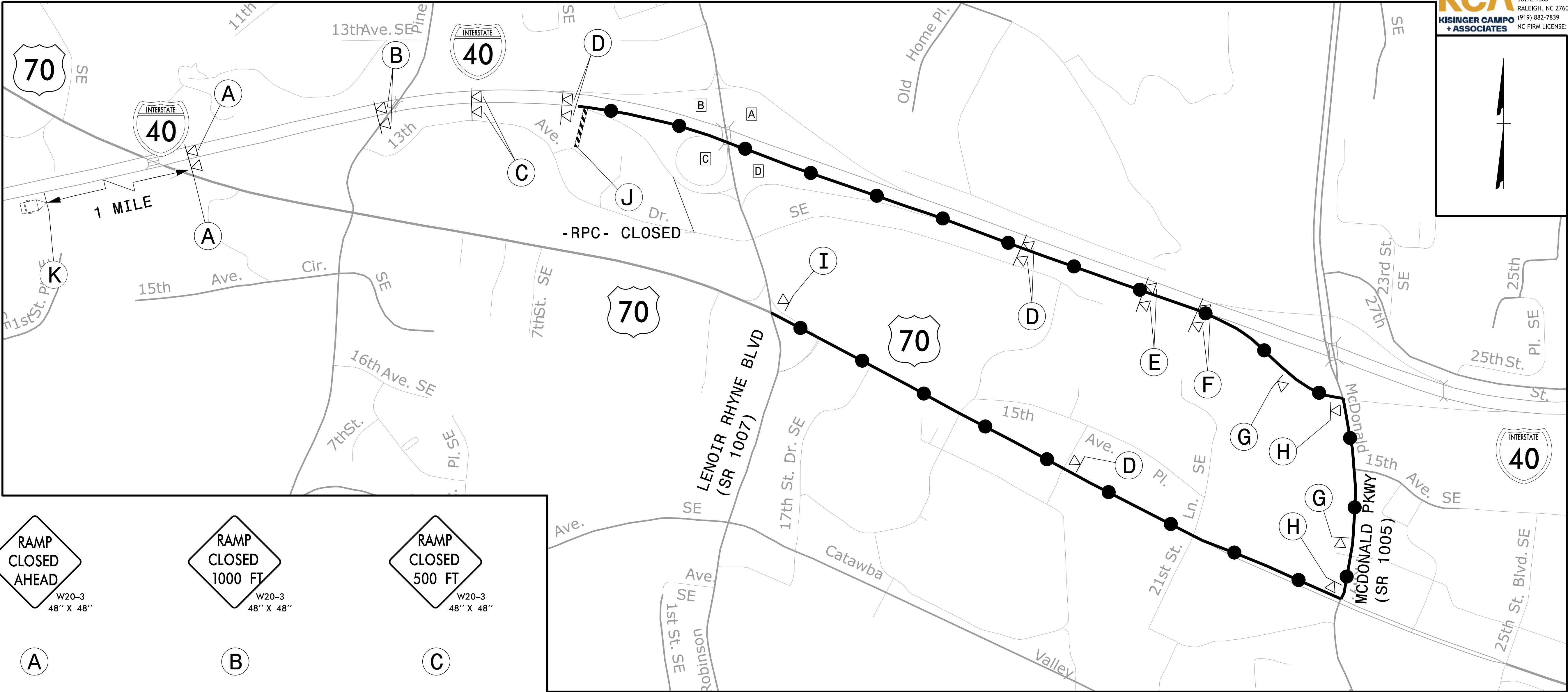
OFFSITE DETOUR 6
OFF-RAMP C



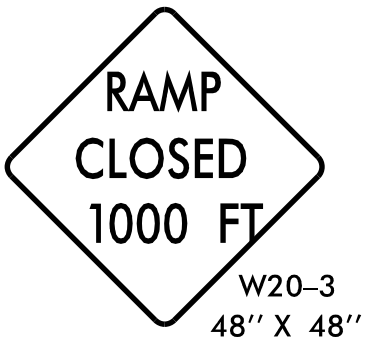
PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3F

KCA
KISINGER CAMPO
+ ASSOCIATES

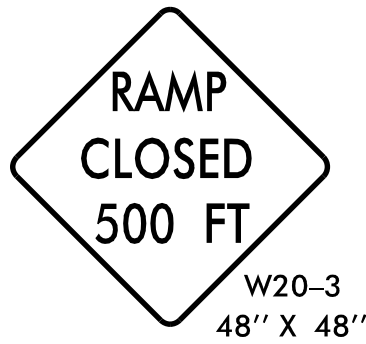
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



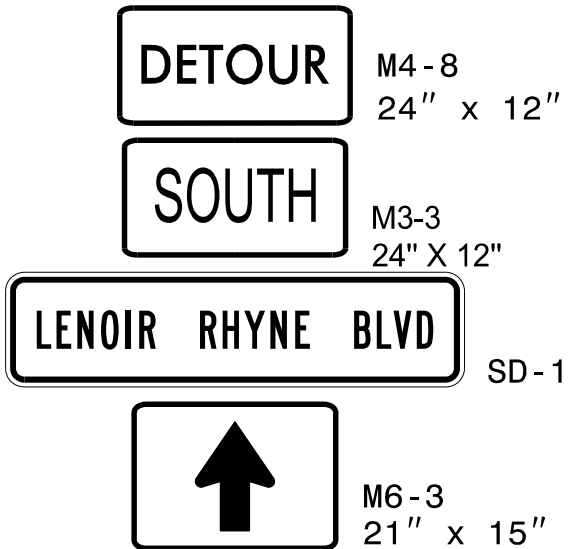
A



B



C



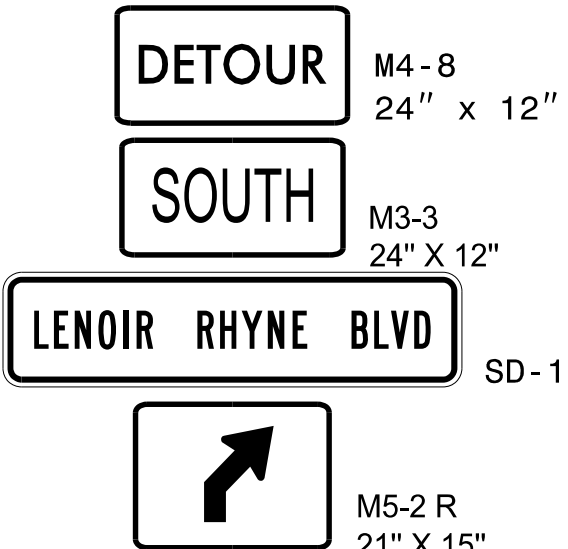
D

CLOSED ROADWAY:

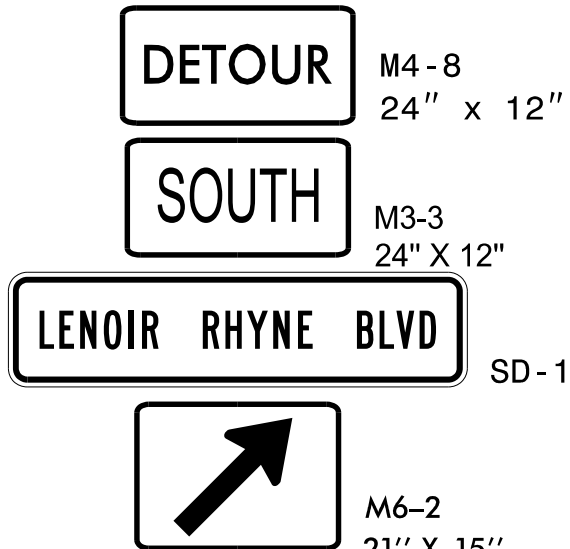
EXISTING RAMP C (EB I-40 OFF-RAMP)

DETOUR DESCRIPTION:

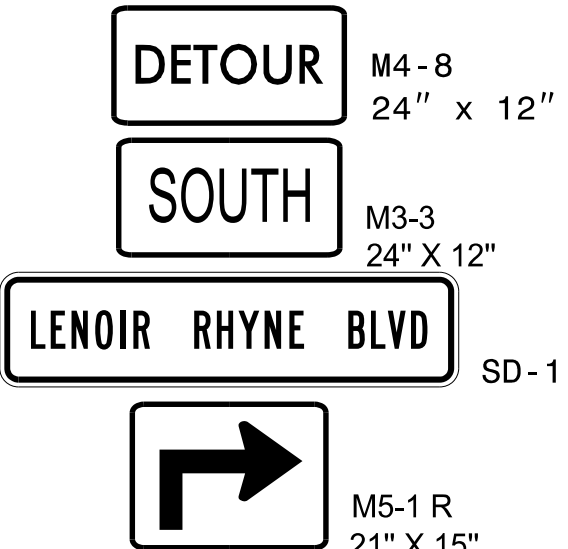
I-40 EAST TO McDONALD PKWY (SR 1005) RAMP (EXIT 126)
TO McDONALD PKWY (SR 1005) TO US 70 WEST TO LENOIR
RHYNE BLVD (SR 1007)



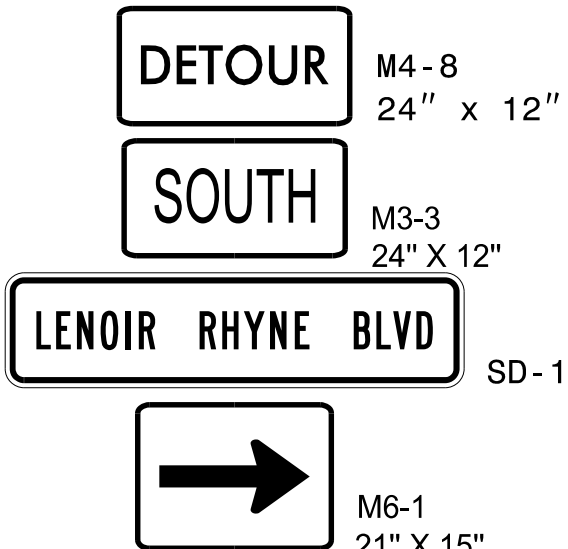
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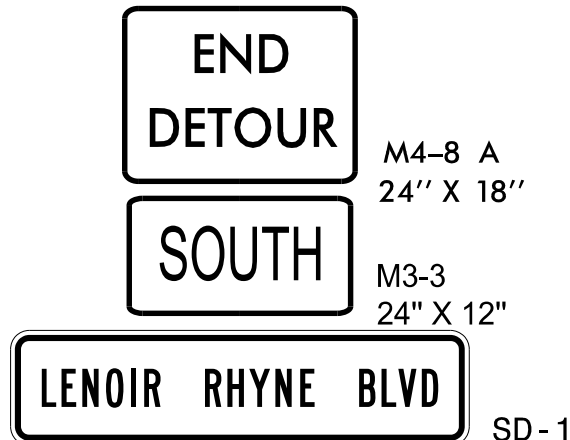
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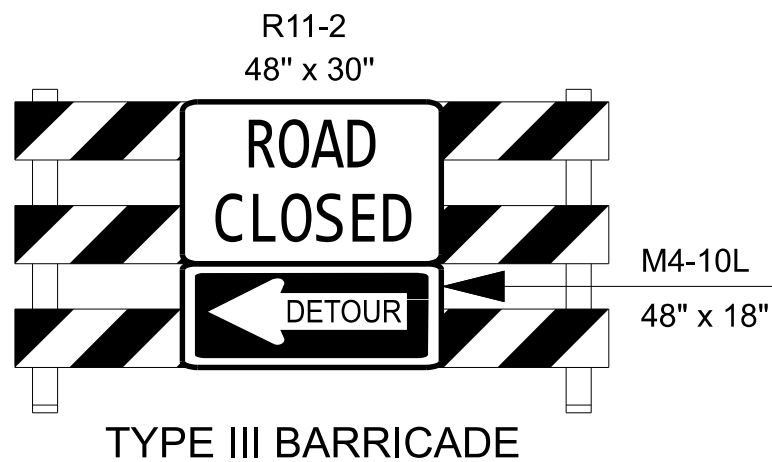
G



H



I



J

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 125 CLOSED AHEAD	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

K

NOTES:

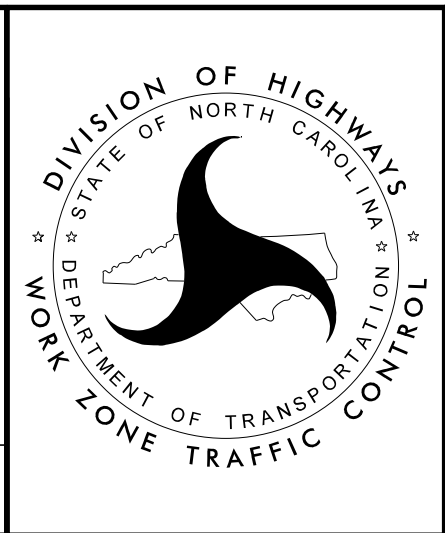
- TRAFFIC CONTROL DEVICES (A) THRU (K) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- USE THIS SHEET IN CONJUNCTION WITH TMP-3E.

APPROVED: _____

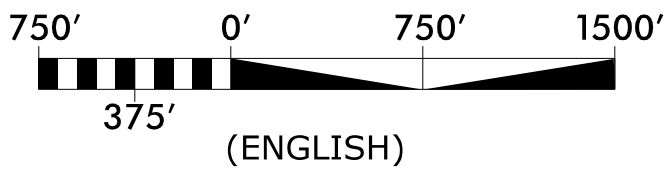
DATE: 5/20/2026

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UNLESS ALL SIGNATURES COMPLETED



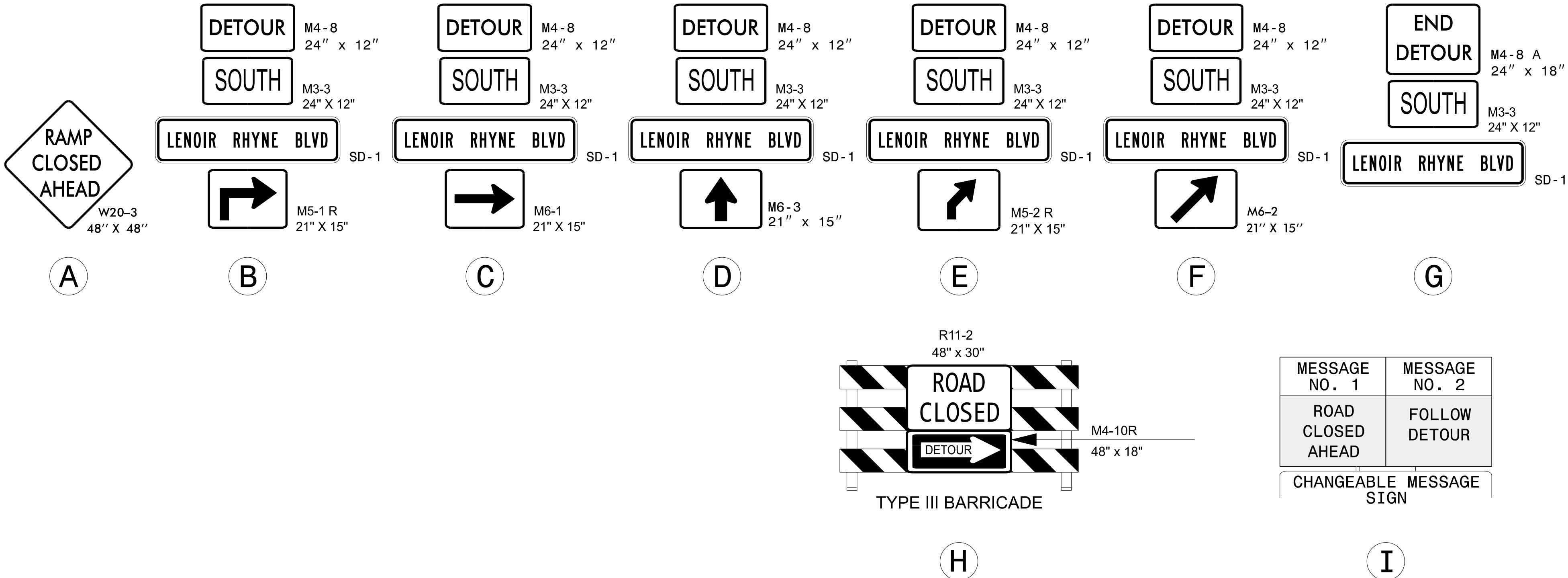
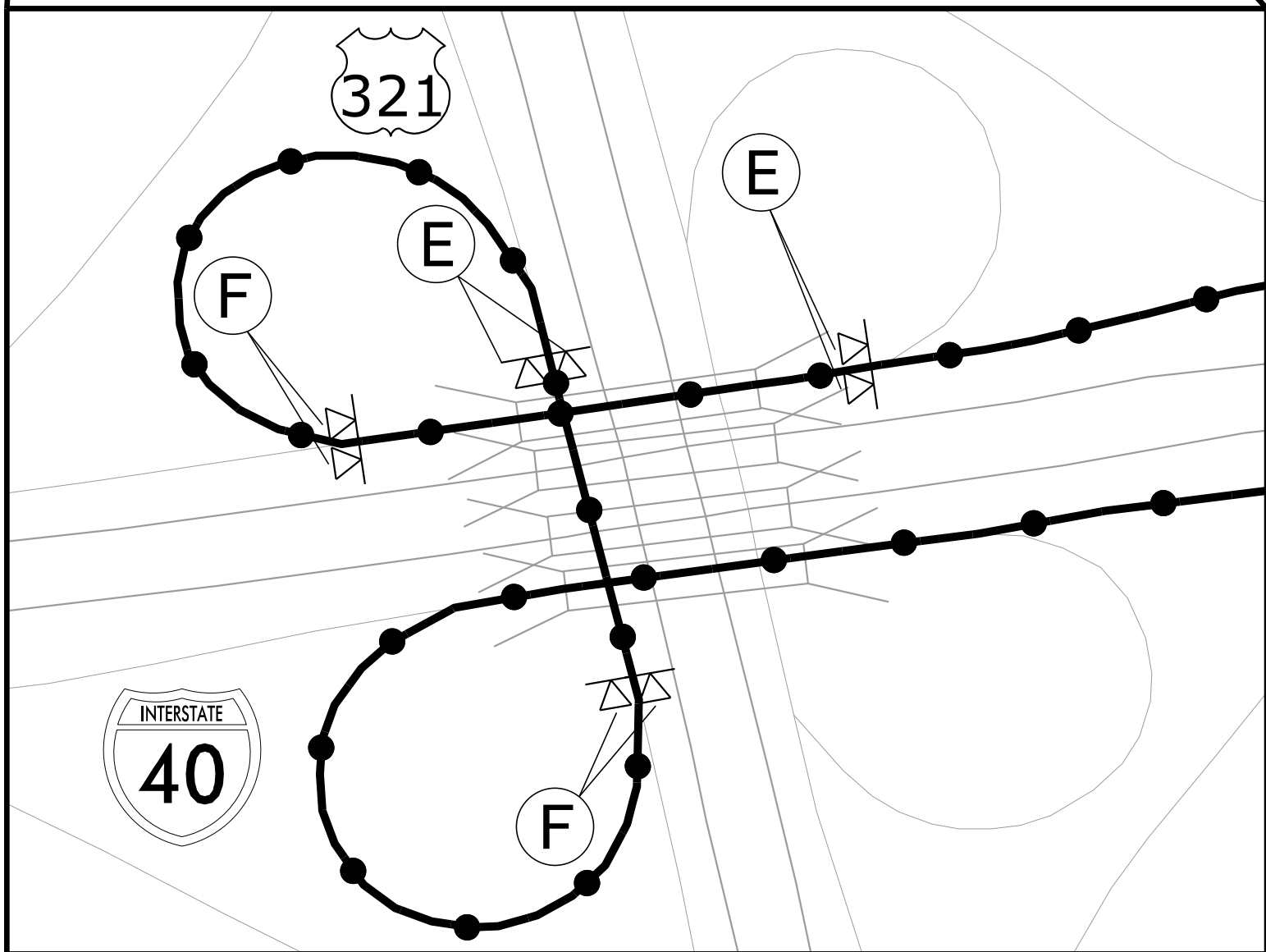
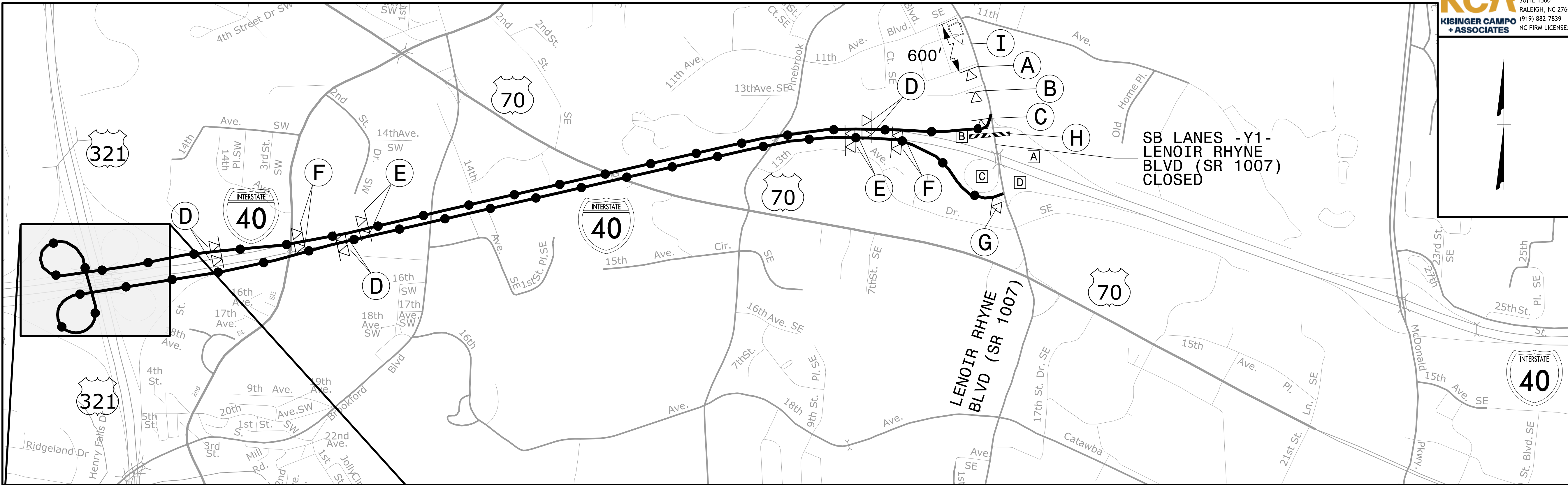
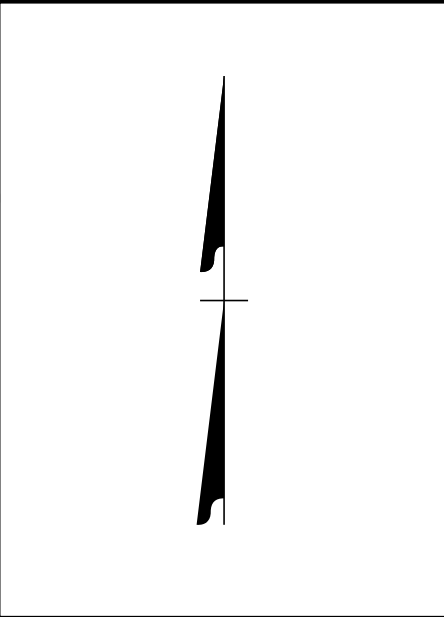
OFFSITE DETOUR 7
OFF-RAMP C



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3G

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



CLOSED ROADWAY:

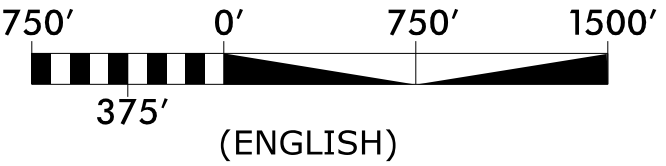
EXISTING SB LANES OF LENOIR RHYNE BLVD (SR 1007)

DETOUR DESCRIPTION:

LENOIR RHYNE BLVD (SR 1007) SOUTHBOUND TO I-40 WEST TO HWY 321 SOUTH RAMP (EXIT 123A) TO I-40 EAST RAMP (EXIT 43A) TO LENOIR RHYNE BLVD (SR 1007) (EXIT 125)

- NOTES:
- TRAFFIC CONTROL DEVICES (A) THRU (I) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
 - FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.

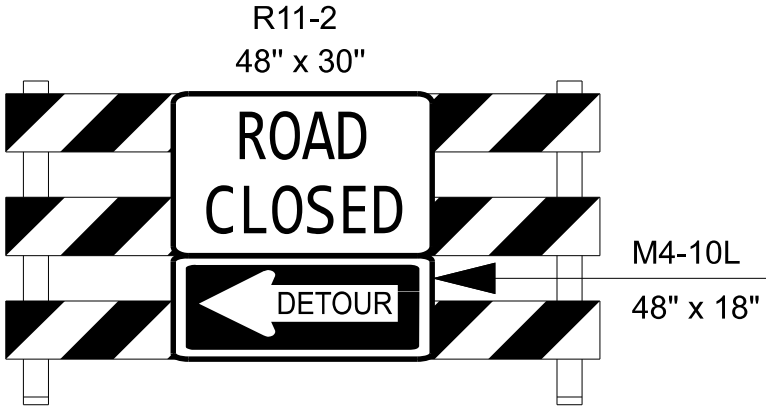
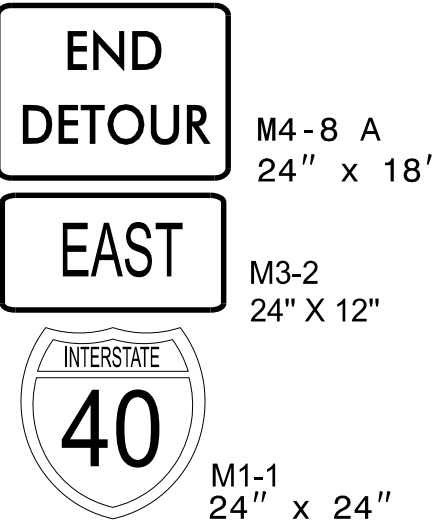
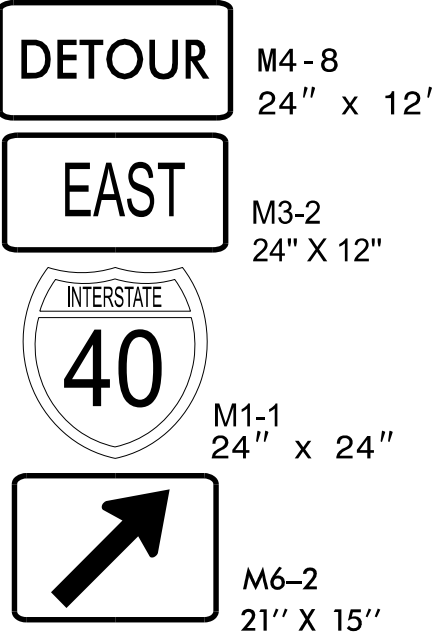
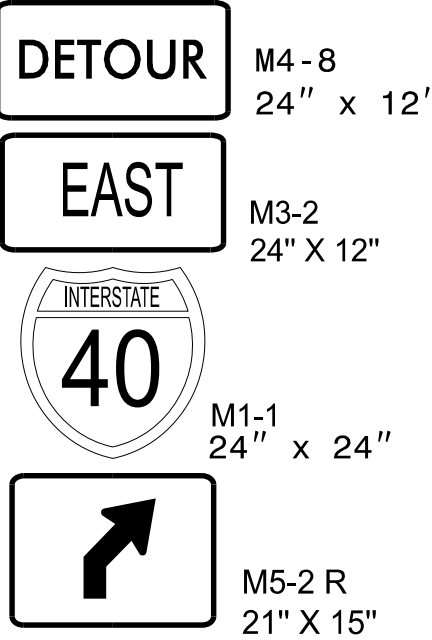
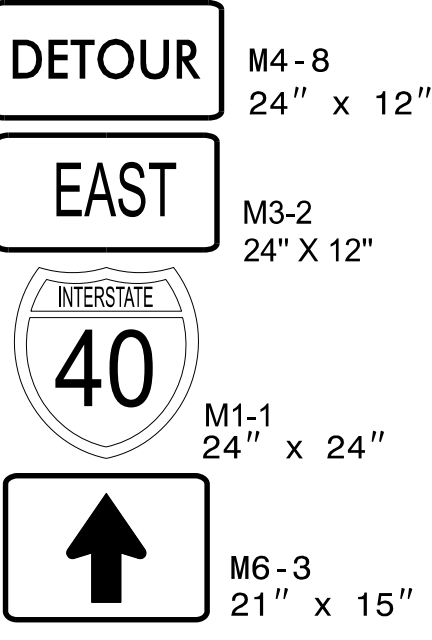
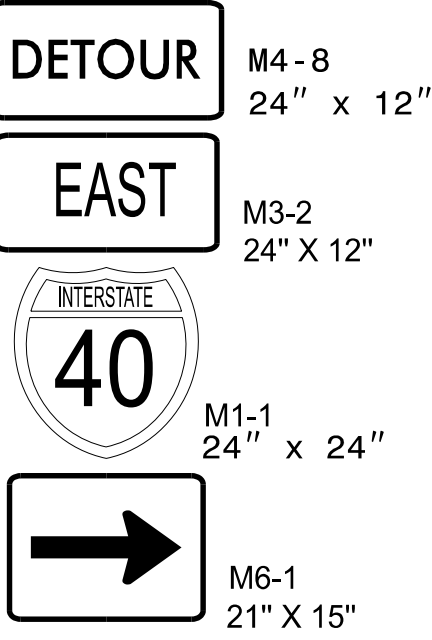
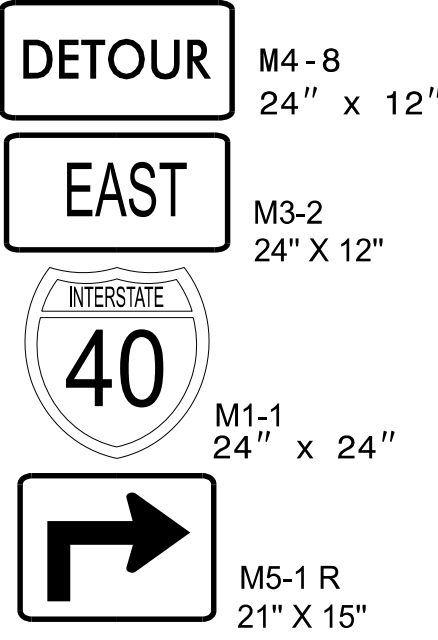
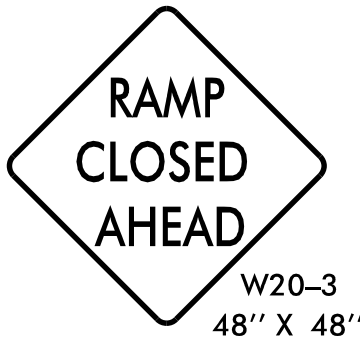
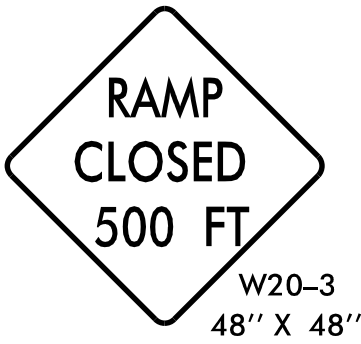
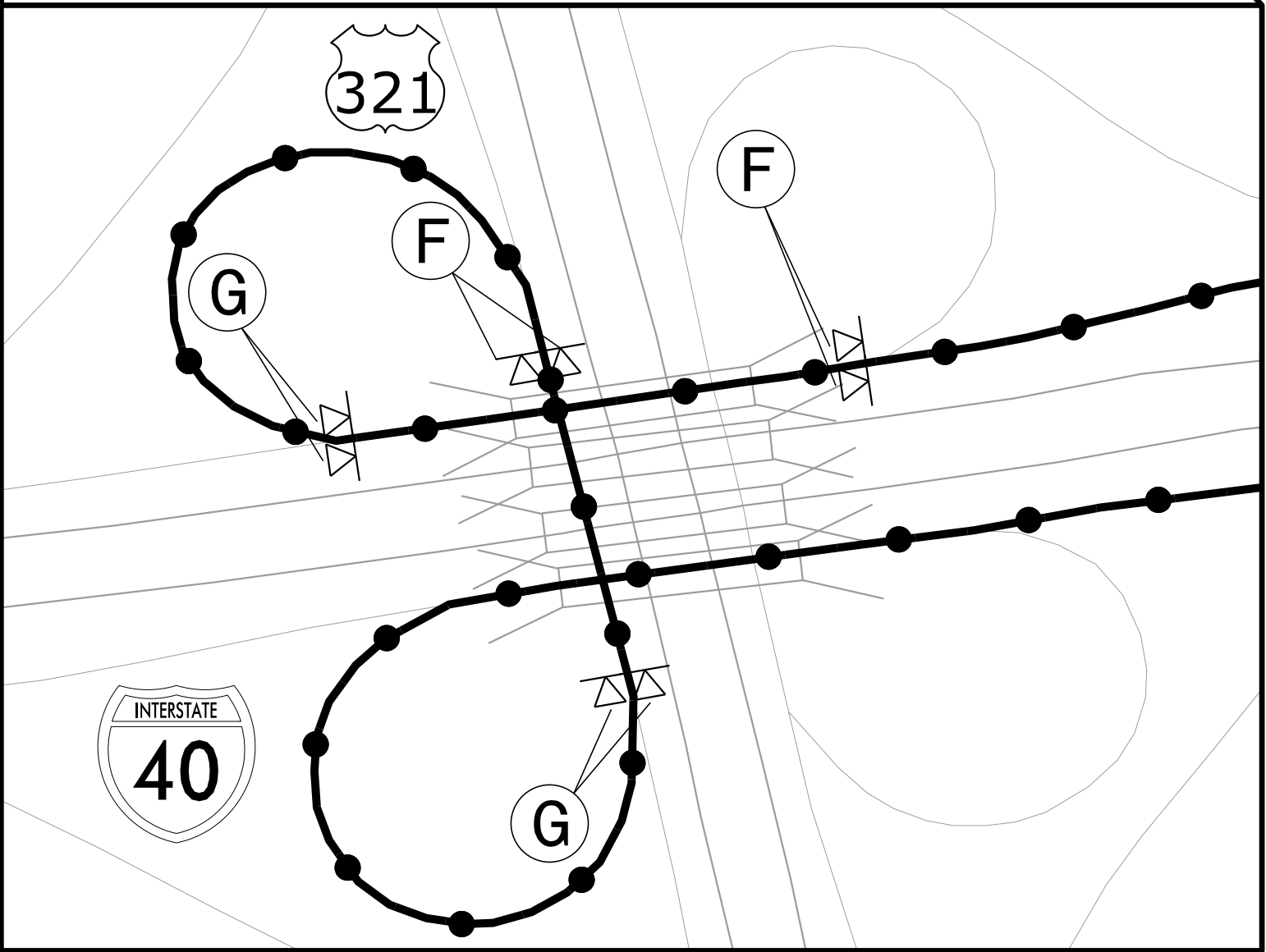
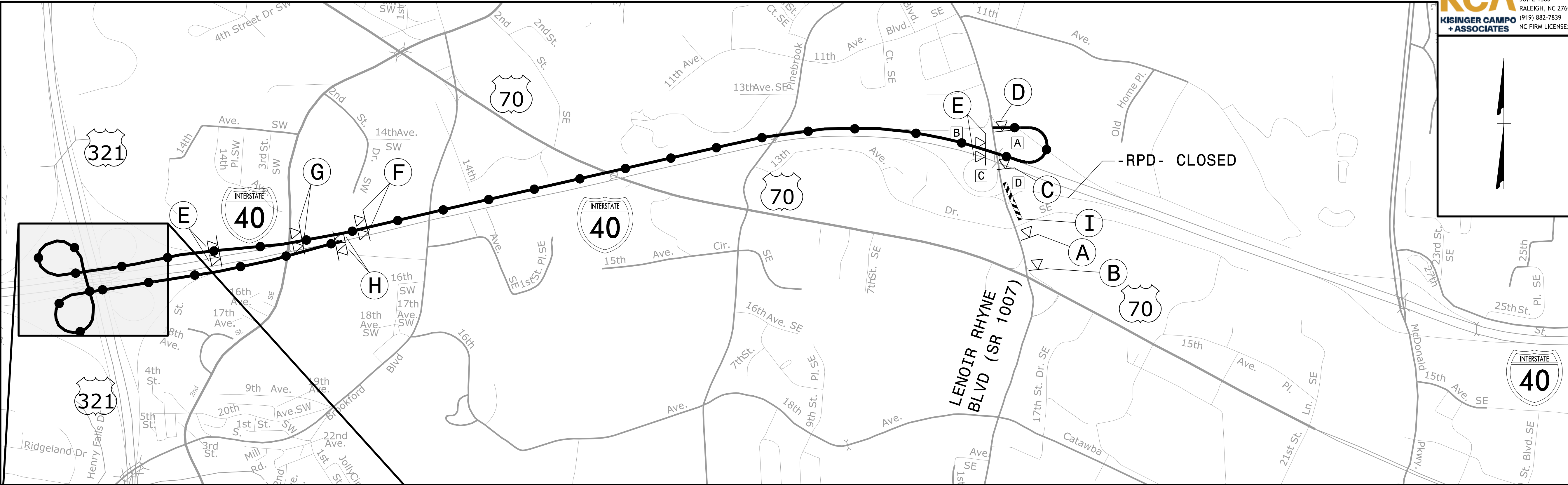
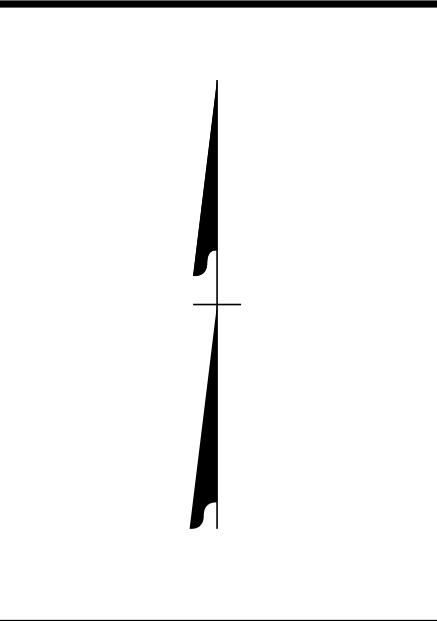
APPROVED: _____ DATE: _____ SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			OFFSITE DETOUR 8 LENOIR RHYNE BLVD SB
--	--	--	--



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3H

KCA
KISINGER CAMPO
+ ASSOCIATES

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SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



CLOSED ROADWAY:

EXISTING RAMP D (EB I-40 ON-RAMP)

DETOUR DESCRIPTION:

LENOIR RHYNE BLVD (SR 1007) NORTHBOUND TO I-40 WEST TO
HWY 321 SOUTH RAMP (EXIT 123A) TO I-40 EAST
RAMP (EXIT 43A) TO I-40 EAST

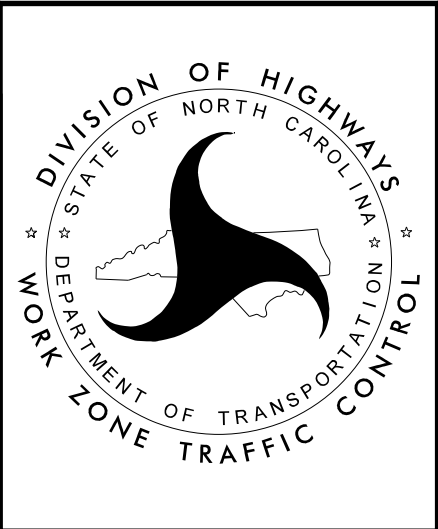
NOTES:

- TRAFFIC CONTROL DEVICES (A) THRU (I) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.

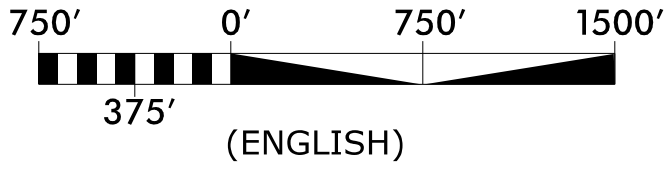
APPROVED: _____
DATE: 5/20/2026

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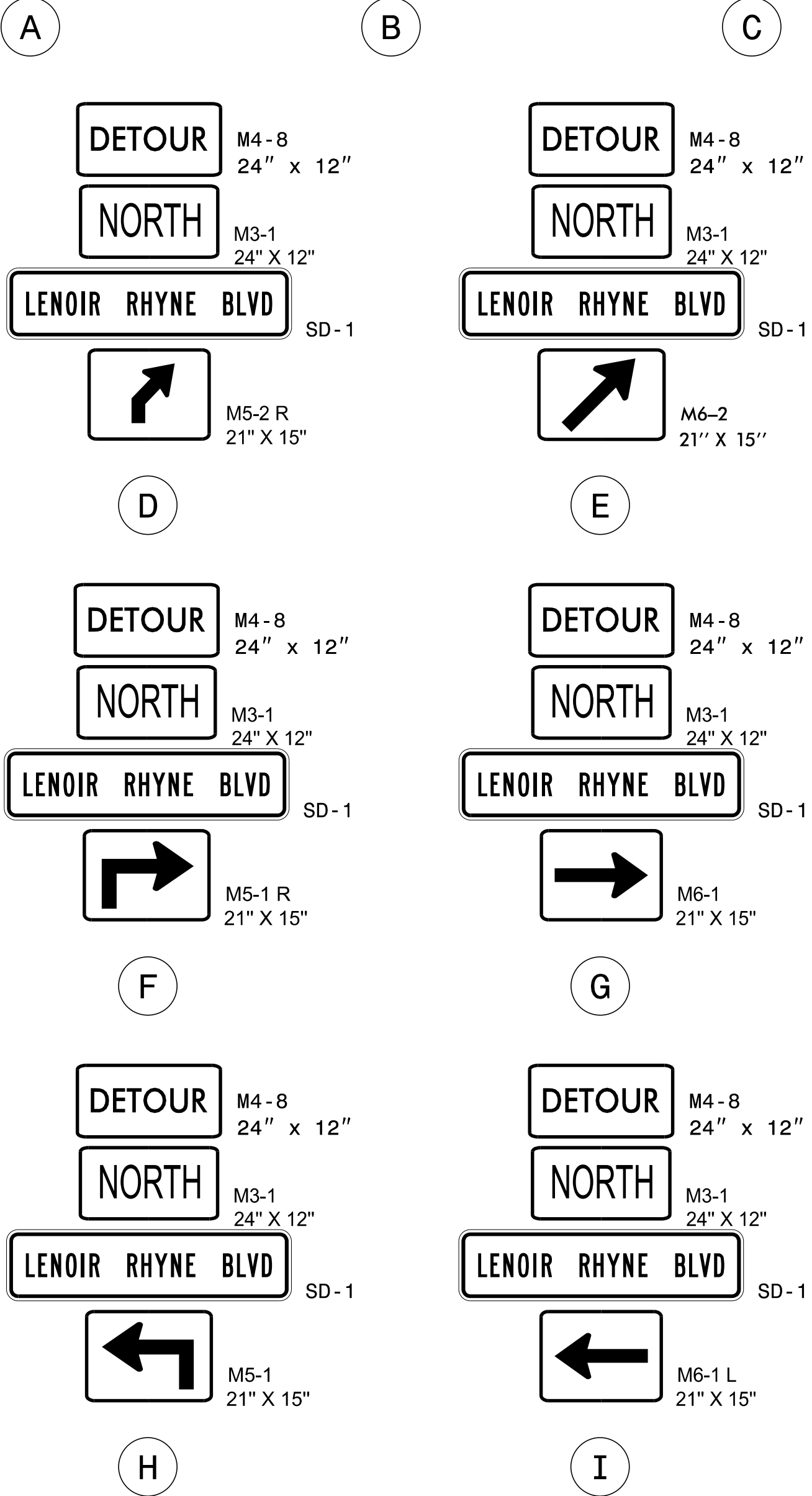
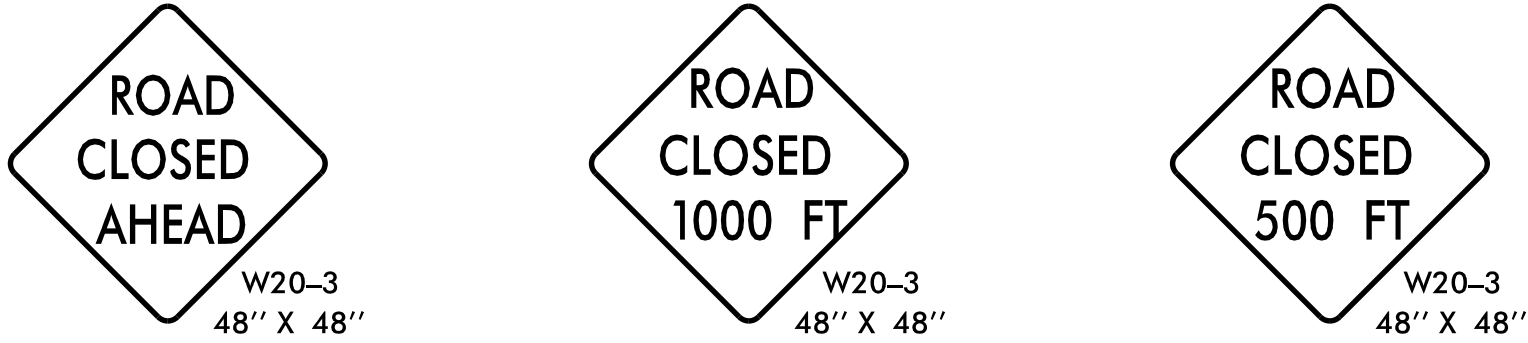
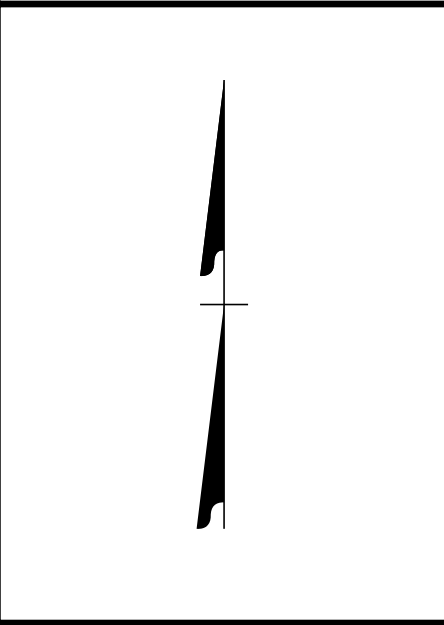
OFFSITE DETOUR 9
ON-RAMP D



PROJ. REFERENCE NO.	SHEET NO.
I - 5716	TMP - 3I

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KISINGER CAMPO
+ ASSOCIATES

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NC FIRM LICENSE: C-1506

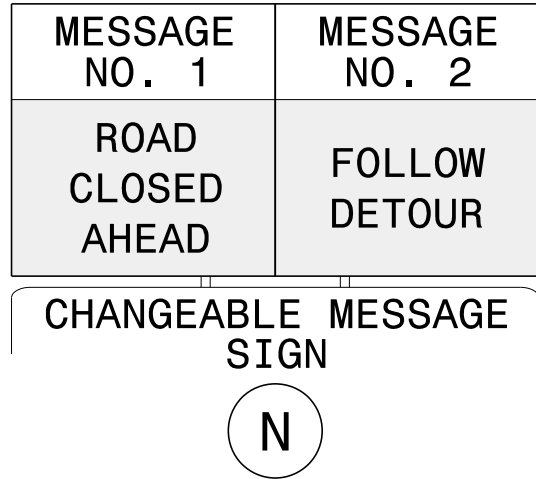
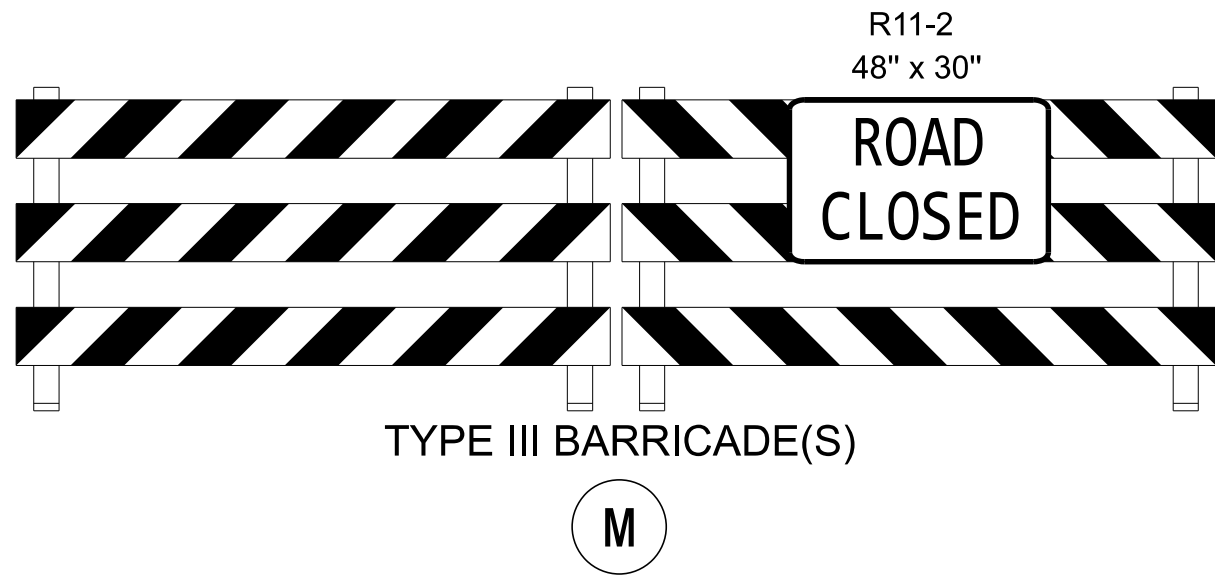
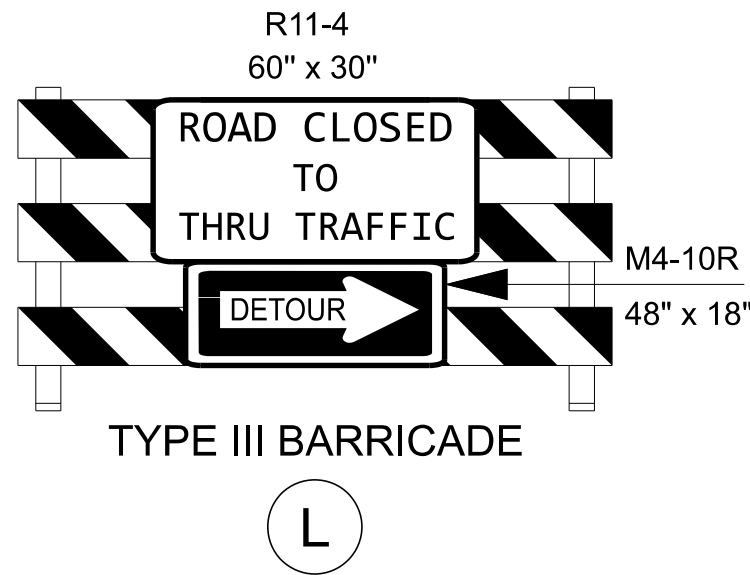
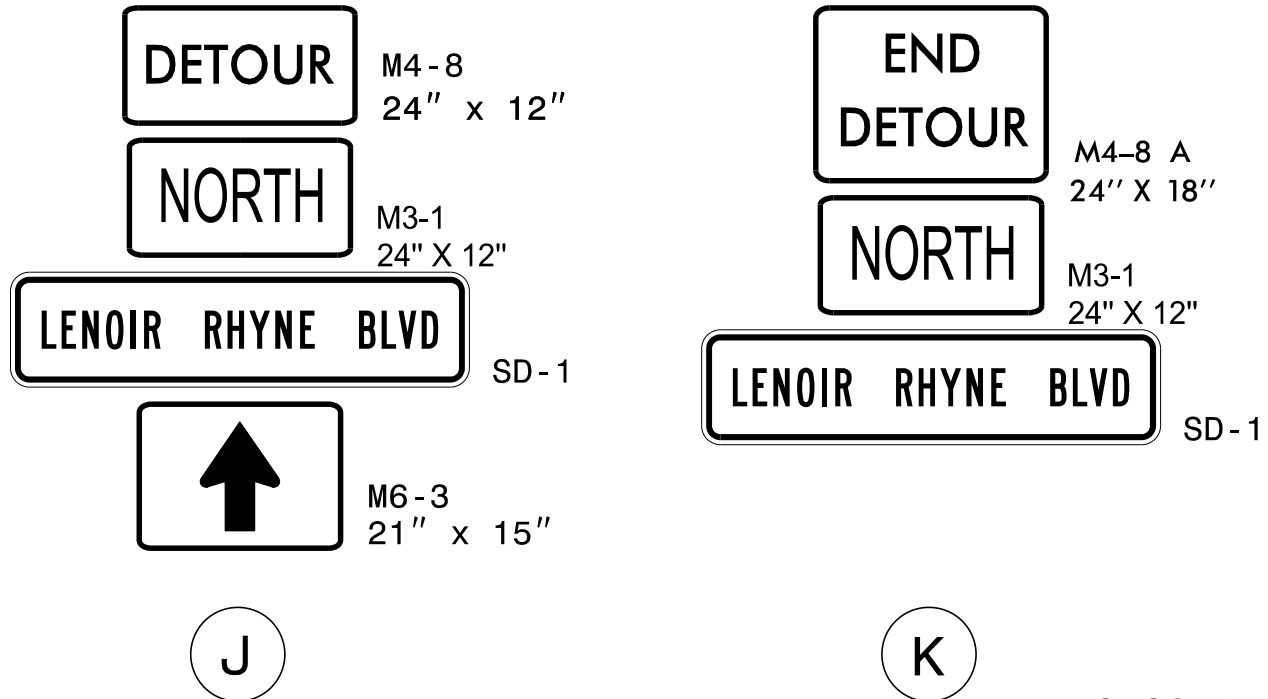
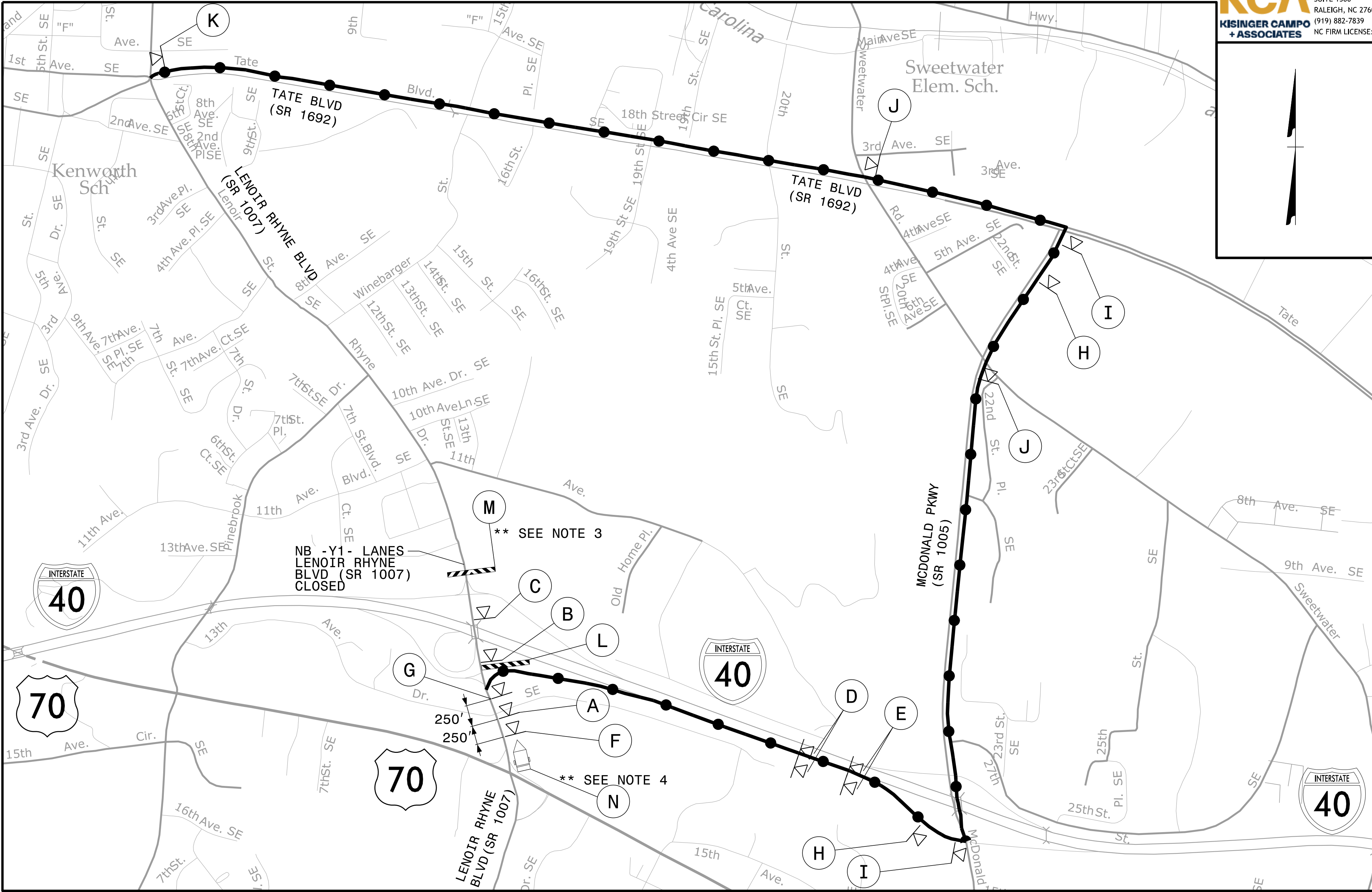


DETOUR DESCRIPTION:

I-40 EAST TO MCDONALD PKWY (SR 1005) RAMP (EXIT 126) TO MCDONALD PKWY (SR 1005) TO TATE BLVD (SR 1692) TO LENOIR RHYNE BLVD (SR 1007)

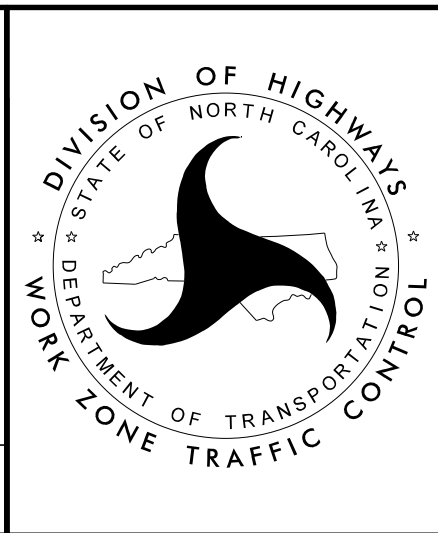
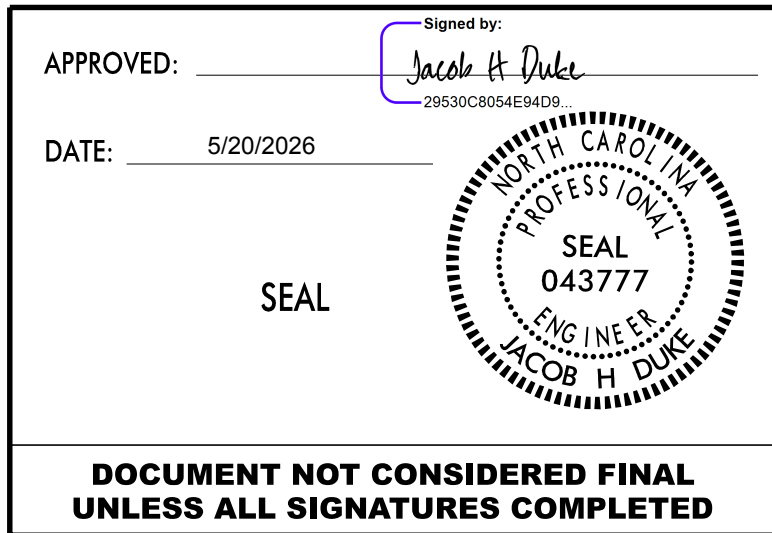
NOTES:

- TRAFFIC CONTROL DEVICES (A) THRU (N) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.03 SHEET 1 OF 9 AND 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- CLOSE ONLY THE NORTHBOUND LANES OF LENOIR RHYNE BLVD (SR 1007) TO INSTALL CROSS PIPE. SEE PHASING NOTES (TMP-1E) AND PHASE 7A (TMP-28 THRU TMP-29)
- PLACE PCMS AT THE INTERSECTION OF LENOIR RHYNE BLVD (SR 1007) AND US 70.



CLOSED ROADWAY:

EXISTING NB LANES LENOIR RHYNE BLVD (SR 1007)



OFFSITE DETOUR 10
LENOIR RHYNE BLVD
NORTHBOUND

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.

I-5716

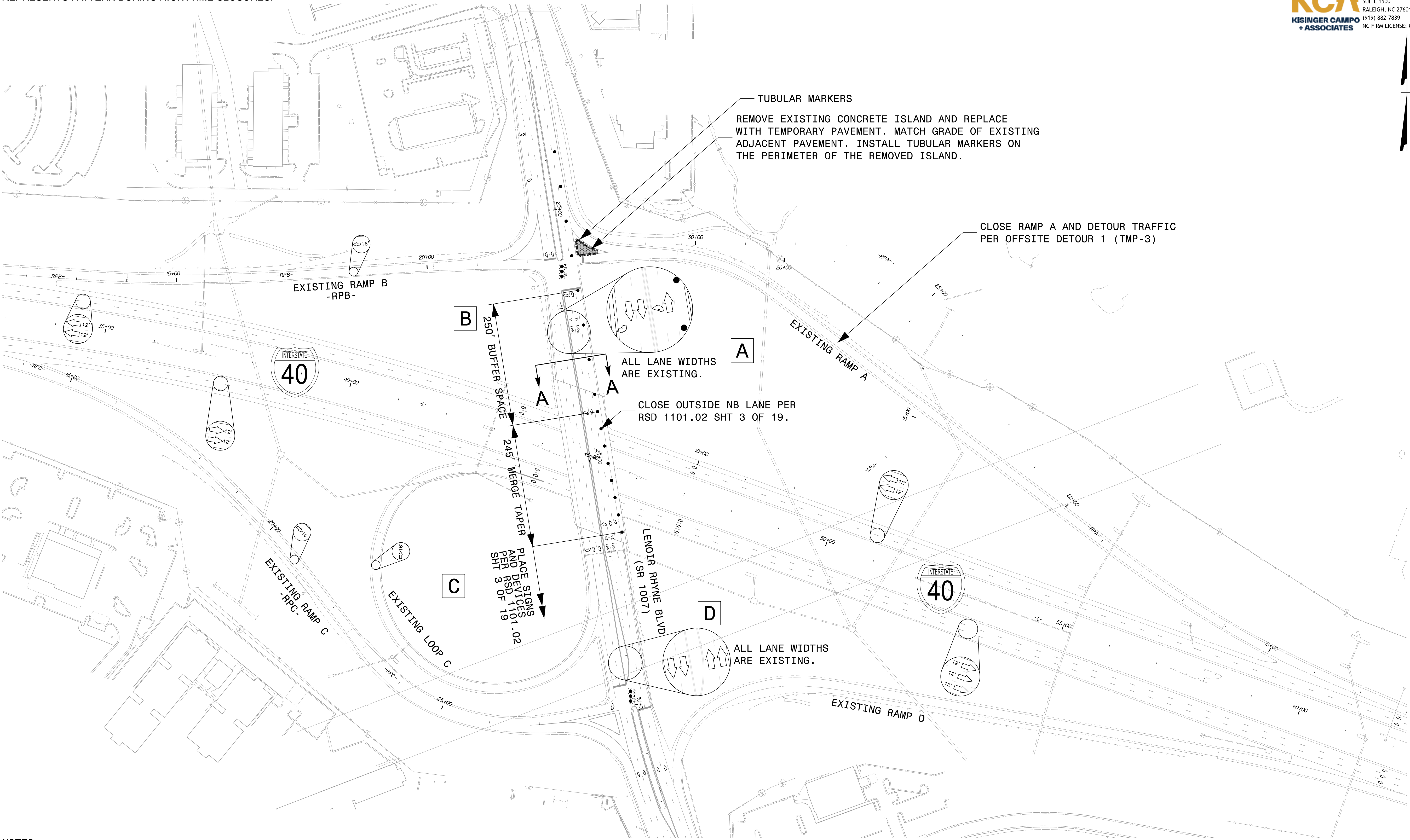
SHEET NO.

TMP-4

KCA

KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-3, AND RSD 1101.02 SHEET 3 OF 19.
- FOR TYPICAL SECTIONS SEE SHEET TMP-10.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.



APPROVED:

Signed by:

Jacob H. Duke

29530C054E94D9

DATE:

5/20/2026

SEAL

2026

NORTH CAROLINA

PROFESSIONAL

SEAL

043777

ENGINEER

JACOB H. DUKE

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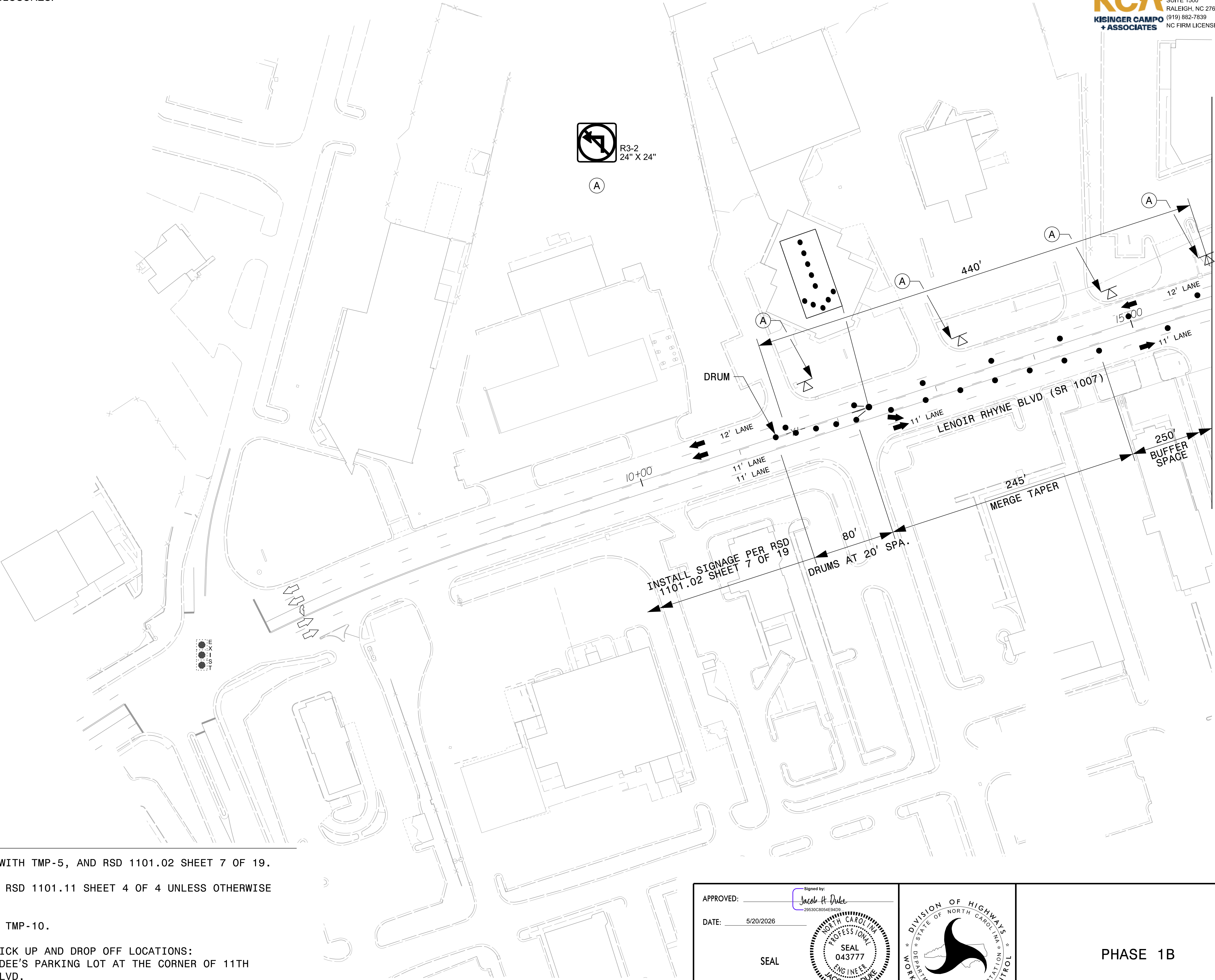
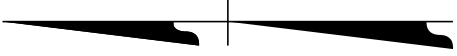
PHASE 1A

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-5

KCA
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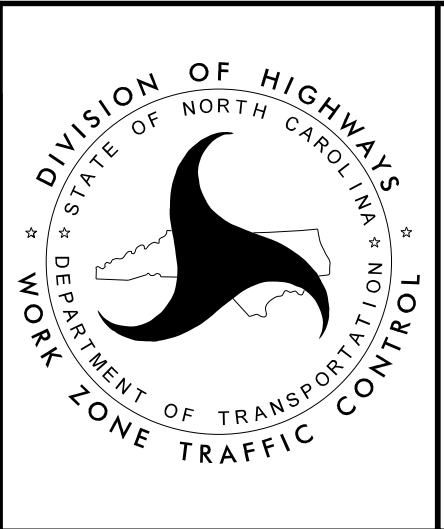
NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-5, AND RSD 1101.02 SHEET 7 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-10.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____
DATE: 5/20/2026
SEAL

Signed by:
Jacob H. Duke
20530C8054E9409

DOCUMENT NOT CONSIDERED FINAL
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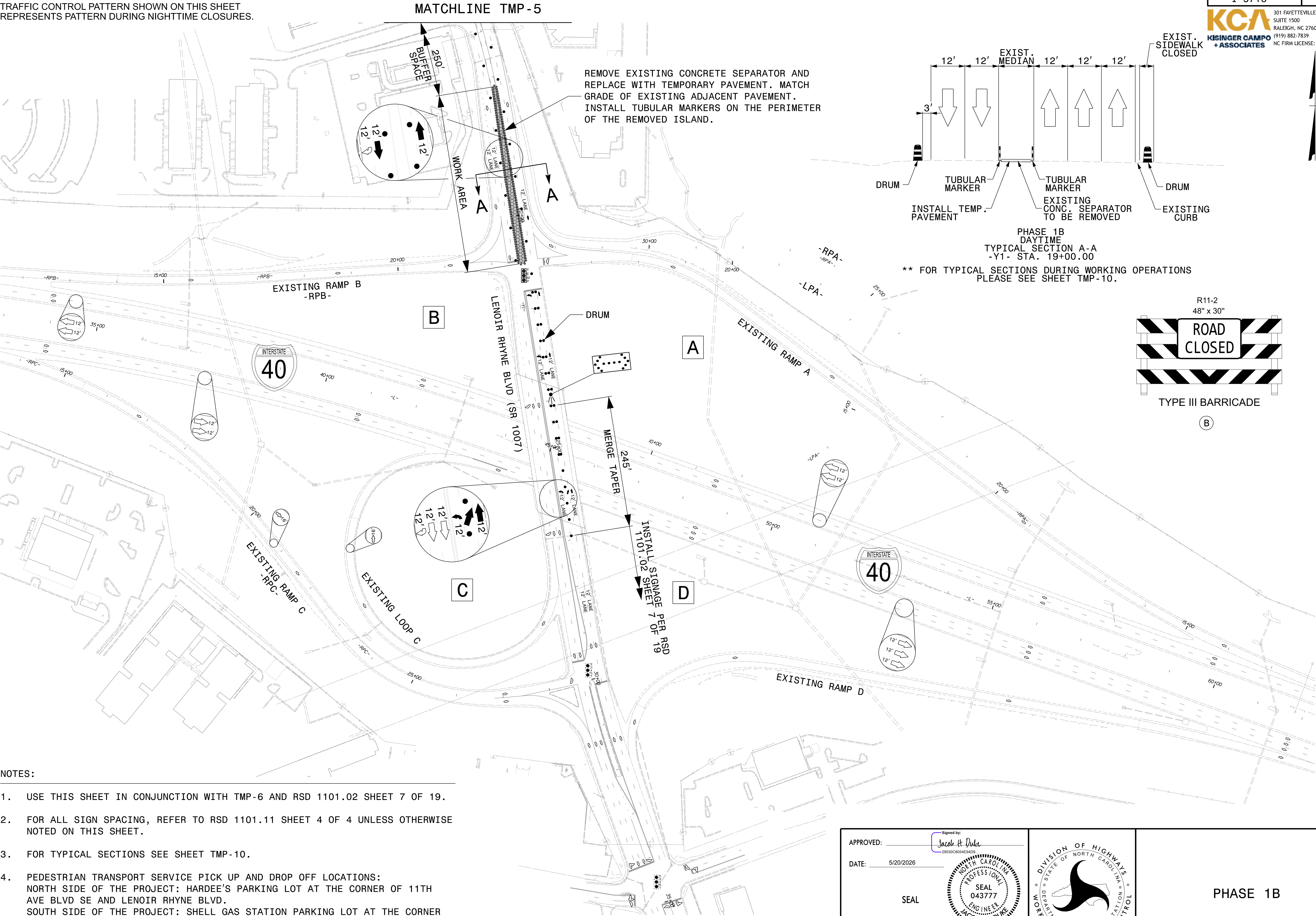
PHASE 1B

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-6

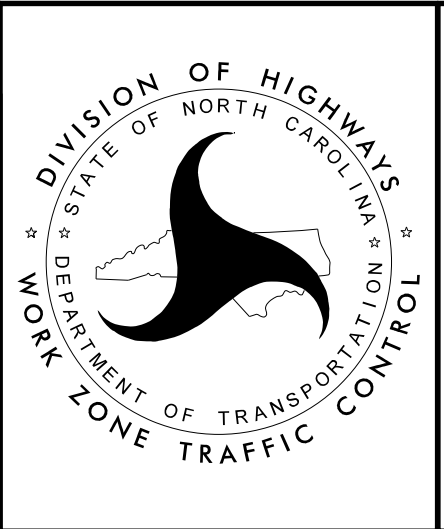
KCA
KISINGER CAMPO
+ ASSOCIATES
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SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-6 AND RSD 1101.02 SHEET 7 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-10.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____	Signed by: <u>Jacob H. Duke</u> 295300C054E94D09
DATE: 5/20/2026	
SEAL	
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PHASE 1B

NOTE:

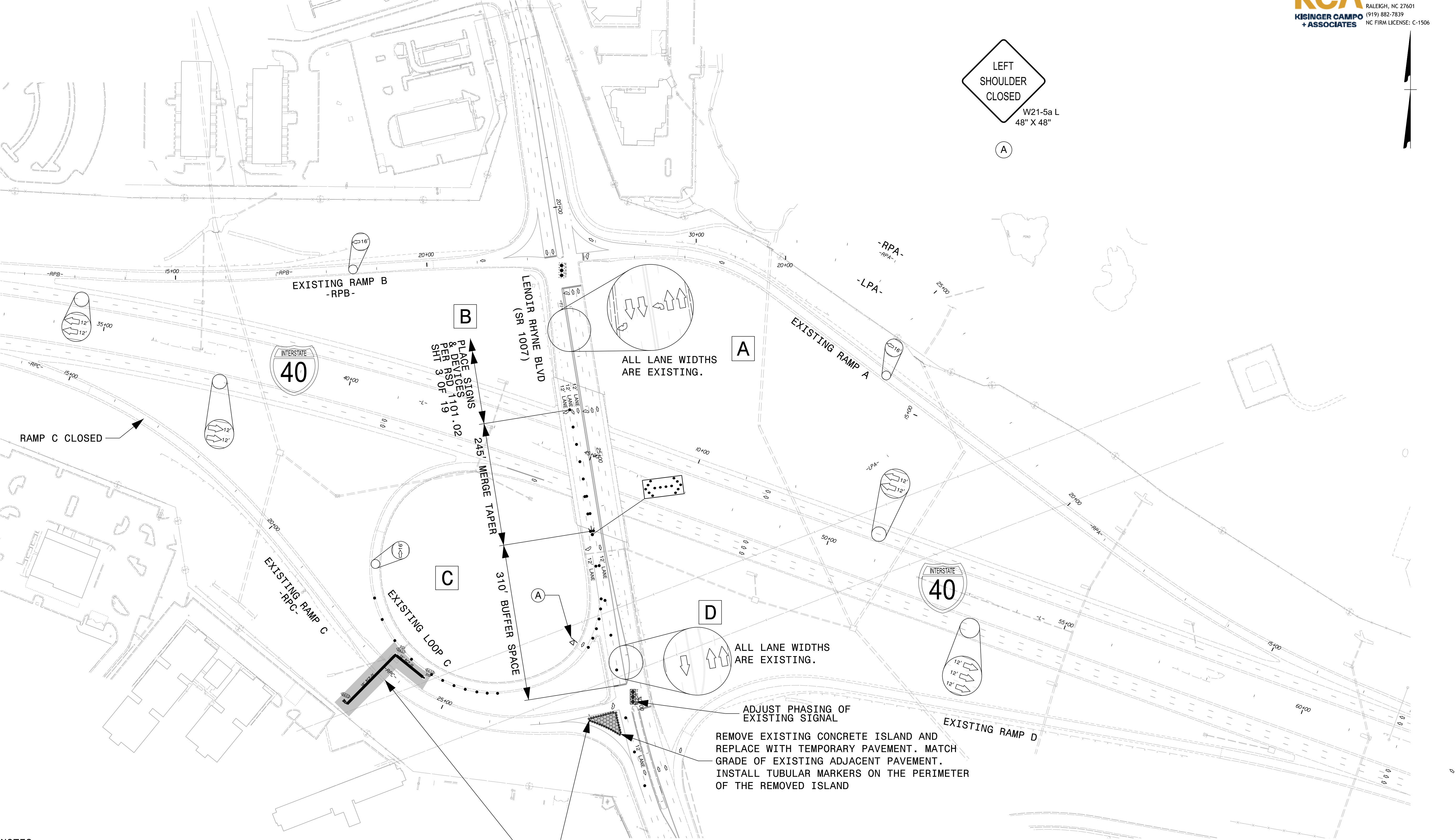
TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-7

KCA

KISINGER CAMPO
+ ASSOCIATES

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SUITE 1500
RALEIGH, NC 27601
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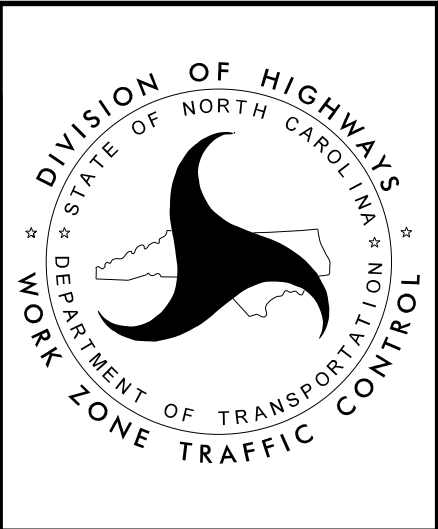
NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-3B, AND RSD 1101.02 SHEET 3 OF 19.
- FOR TYPICAL SECTIONS SEE SHEET TMP-11.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

SEE PHASING NOTES ON TMP-1D FOR TRAFFIC PATTERN DETAILS.
CLOSE OFF-RAMP C USING TMP-3B (OFFSITE DETOUR 3).
USE RSD 1101.02 SHEET 3 OF 19 TO CLOSE OUTSIDE SOUTHBOWN LANE OF LENOIR RHYNE BLVD (SR 1007).
USE RSD 1101.04 SHEET 1 OF 2 TO CLOSE OUTSIDE SHOULDER OF ON-RAMP LOOP C AS NEEDED TO PROTECT THE WORK AREA.



APPROVED: _____	Signed by: <u>Jacob H. Duke</u> 2953008054E94029
DATE: 5/20/2026	
SEAL	
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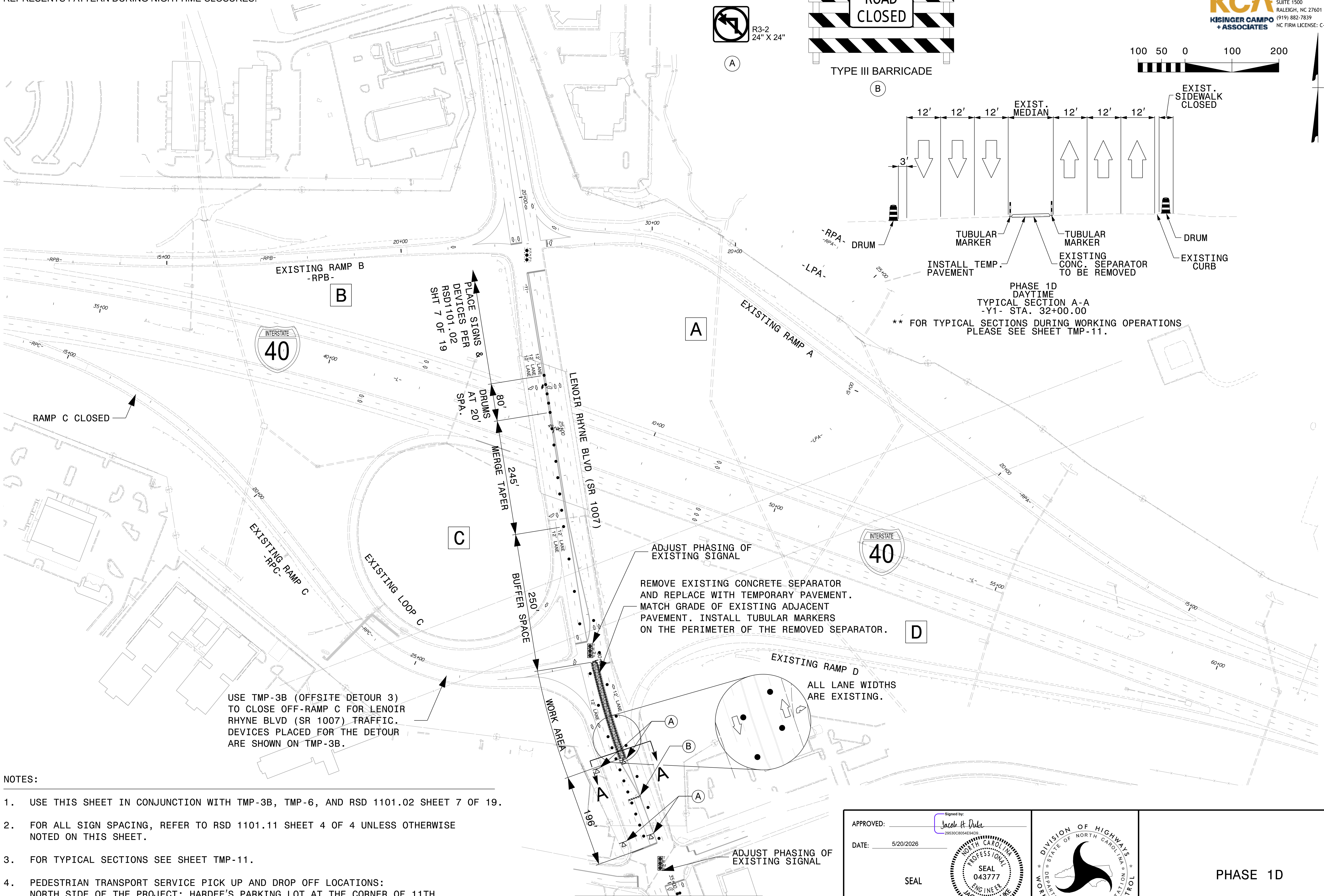
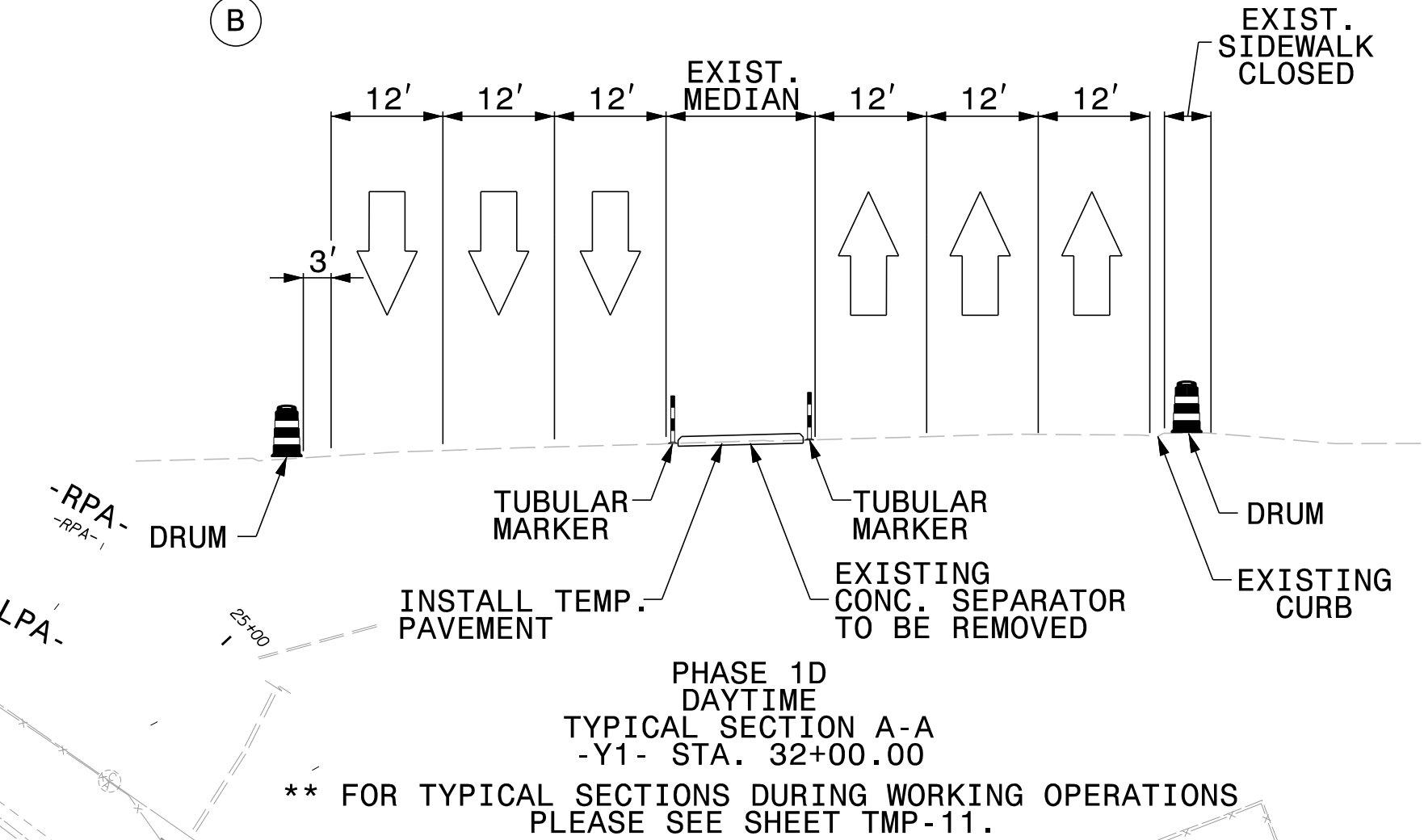
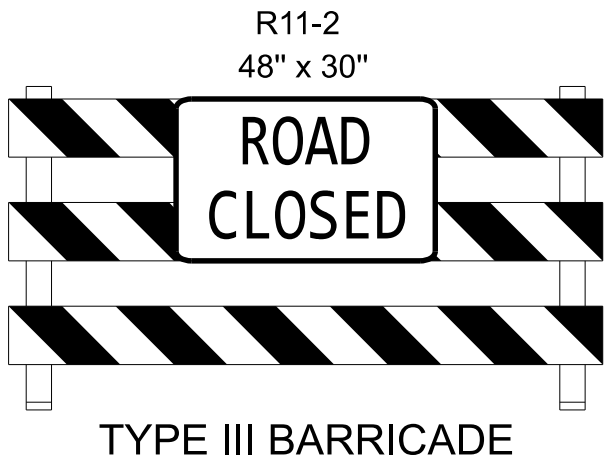


PHASE 1C

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



1. USE THIS SHEET IN CONJUNCTION WITH TMP-3B, TMP-6, AND RSD 1101.02 SHEET 7 OF 19.
2. FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
3. FOR TYPICAL SECTIONS SEE SHEET TMP-11.
4. PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

MATCHLINE TMP-9

Signed by: _____
Jacob H Duke
29837C0B64E9A6D6

APPROVED: _____

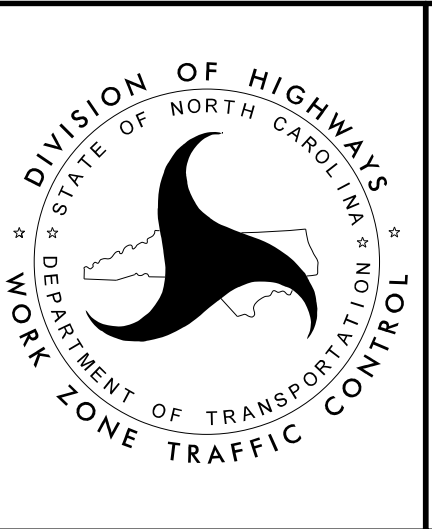
DATE: 5/20/2026 _____

SEAL



**NORTH CAROLINA
PROFESSIONAL ENGINEER
JACOB H DUKES
043777**

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PHASE 1D

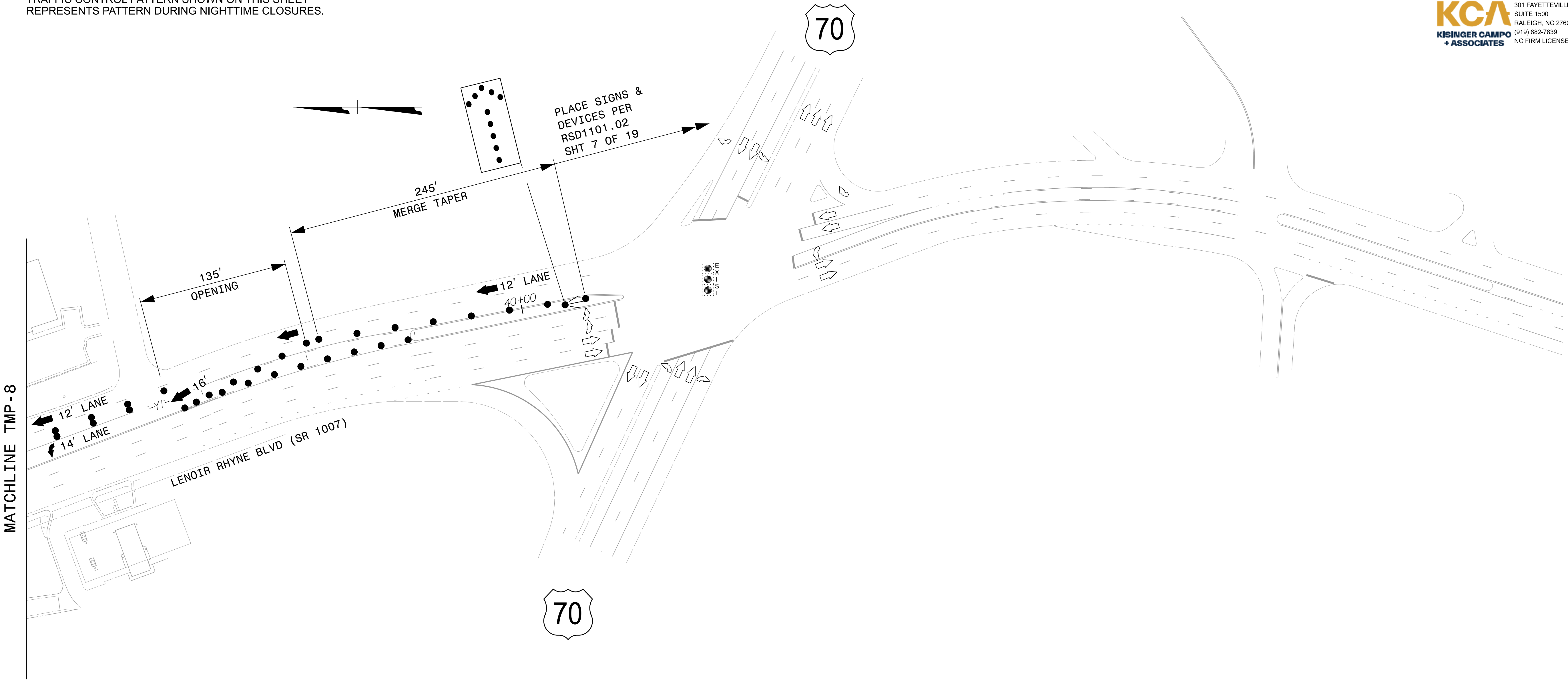
NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-9

KCA
KISINGER CAMPO
+ ASSOCIATES

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SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506

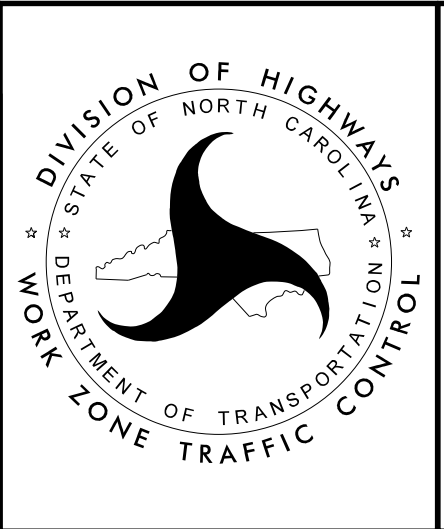


NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-5, AND RSD 1101.02 SHEET 7 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-11.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____
DATE: 5/20/2026
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 043777
JACOB H. DUKE

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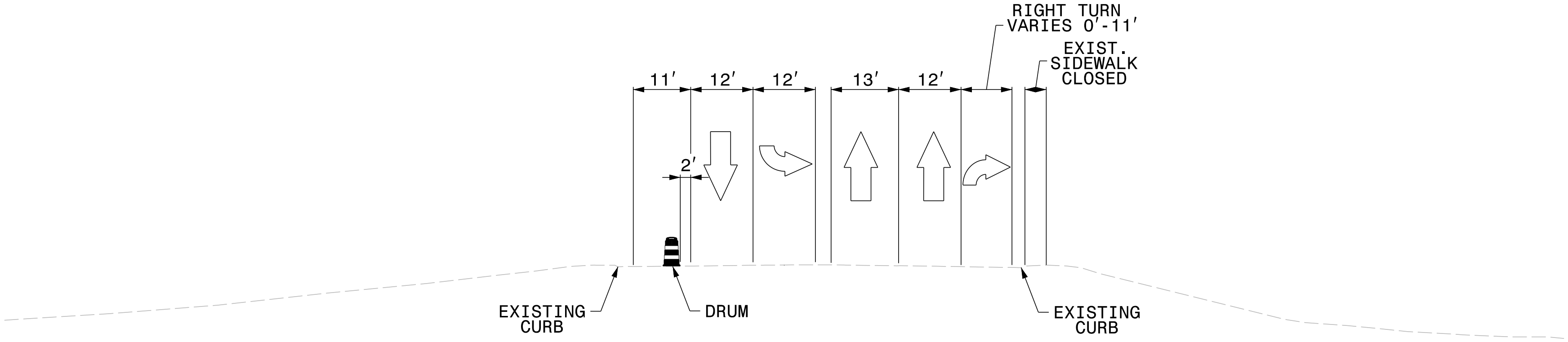


PHASE 1D

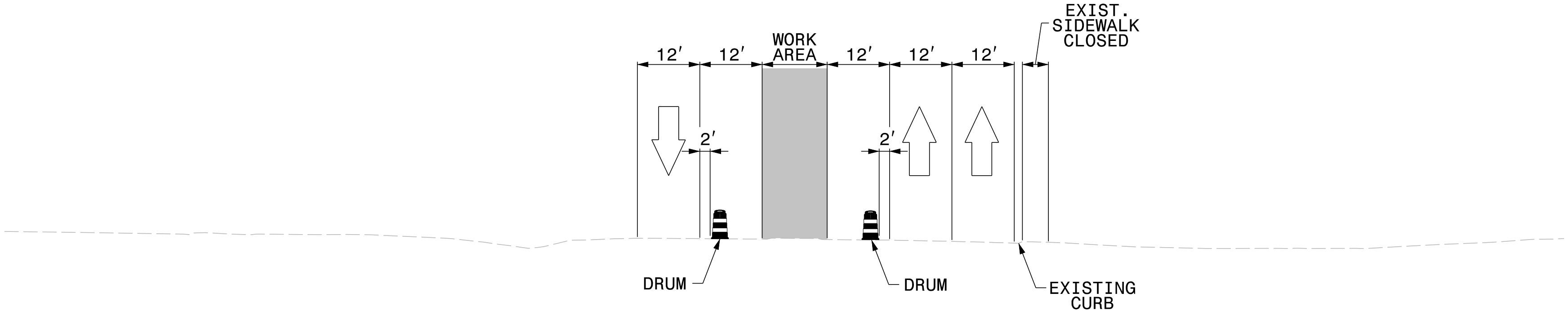
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-10

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 1A
TYPICAL SECTION A-A
-Y1- STA. 23+00.00



PHASE 1B
TYPICAL SECTION A-A
-Y1- STA. 19+00.00

5/20/2026
I-5716_TC_TMP_PHASE_1AB_TYP.dgn
User: jdebone

APPROVED: _____

DATE: 5/20/2026

SEAL

Signed by: *Jacob H. Duke*
205330C8054E9409

SEAL
043777
ENGINEER
JACOB H. DUKE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

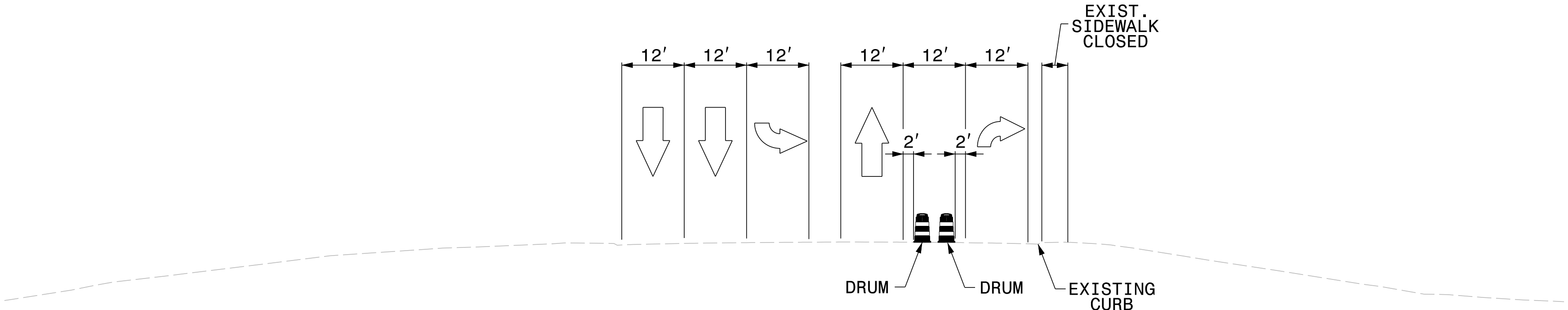
PHASE 1
TYPICAL SECTIONS

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

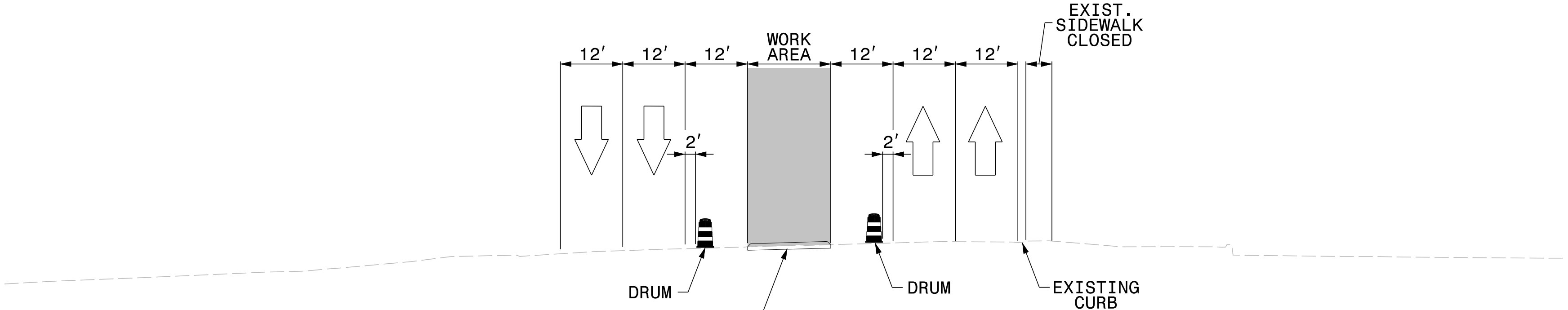
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-11

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KISINGER CAMPO
+ ASSOCIATES

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SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 1C
TYPICAL SECTION A-A
-Y1- STA. 27+50.00



PHASE 1D
TYPICAL SECTION A-A
-Y1- STA. 32+00.00

5/20/2026
I-5716_TC_TMP_PHASE_1CD_TYP.dgn
User: jdebone

APPROVED: _____
DATE: 5/20/2026

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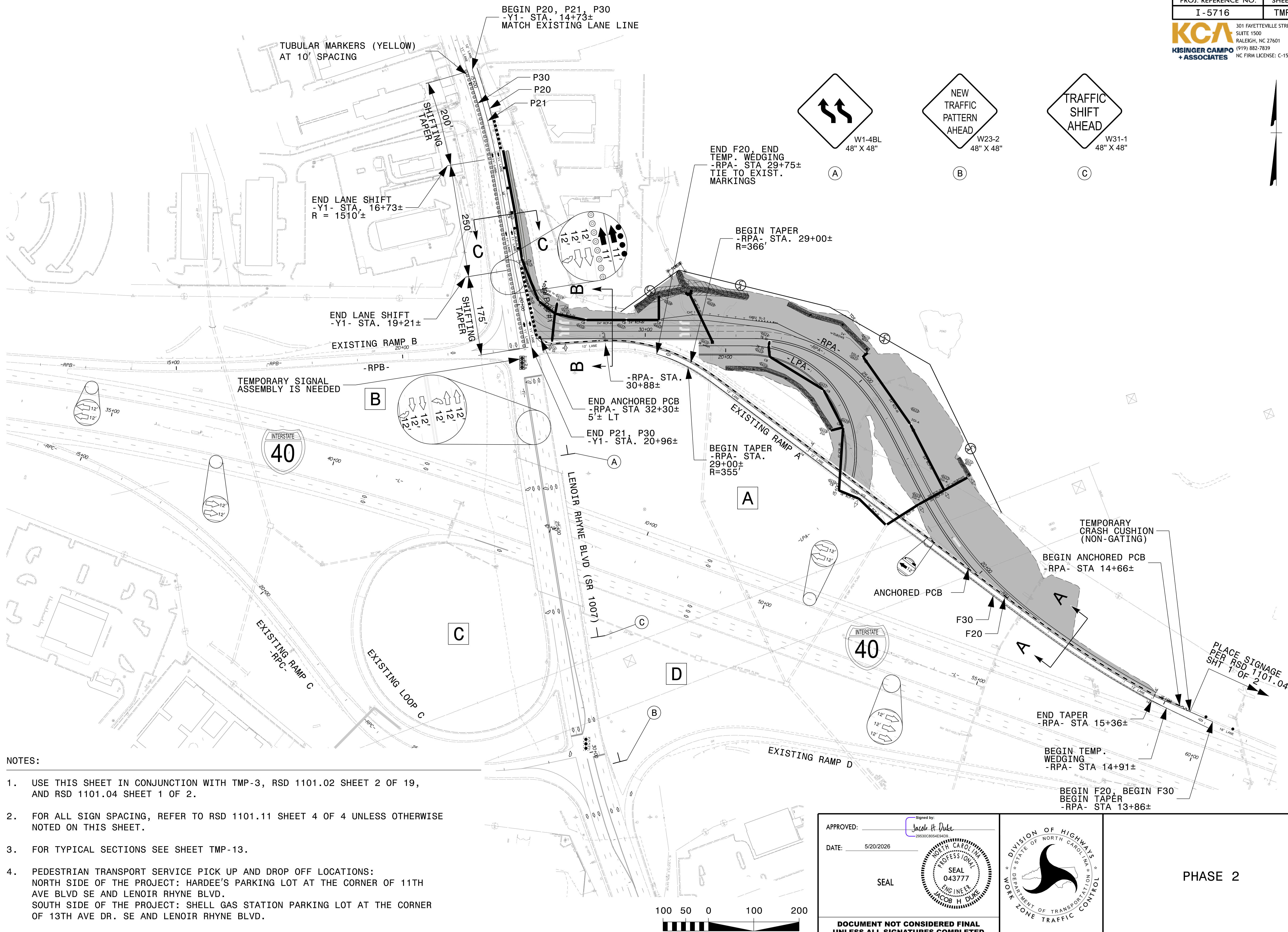
Signed by:
Jacob H. Duke
20530C8054E94D9

SEAL
043777
ENGINEER
JACOB H. DUKE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE 1
TYPICAL SECTIONS

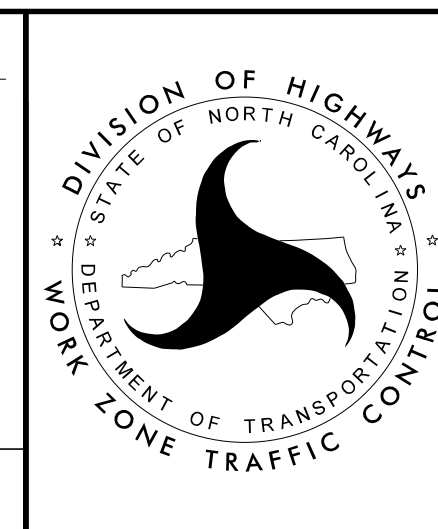
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-3, RSD 1101.02 SHEET 2 OF 19, AND RSD 1101.04 SHEET 1 OF 2.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-13.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____	Signed by: <u>Jacob H. Duke</u> 29530C8054E94D09
DATE: 5/20/2026	
SEAL	
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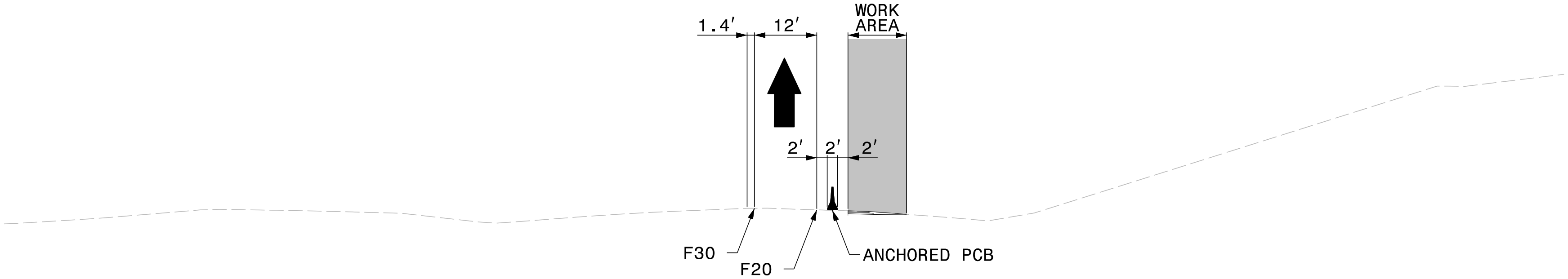


PHASE 2

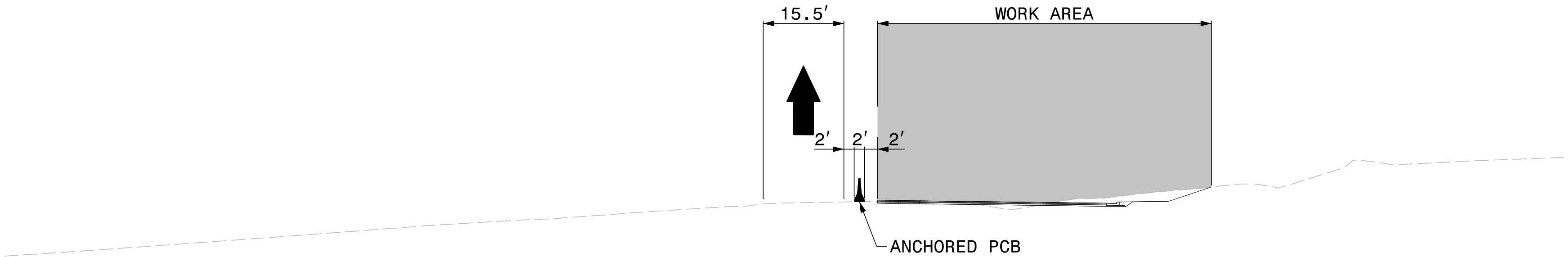
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-13

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KISINGER CAMPO
+ ASSOCIATES

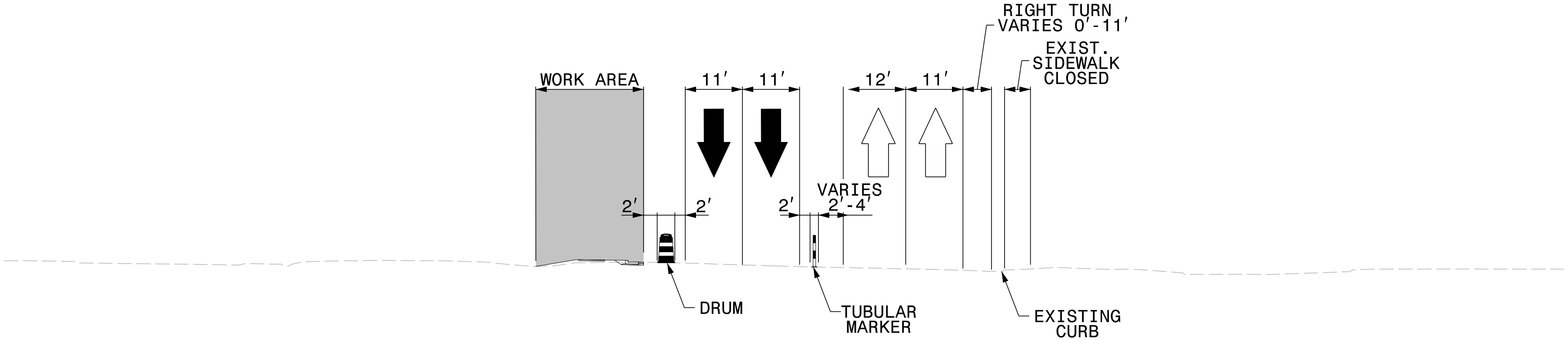
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 2
TYPICAL SECTION A-A
-RPA- STA. 17+50.00



PHASE 2
TYPICAL SECTION B-B
-LPA- STA. 22+50.00



PHASE 2
TYPICAL SECTION C-C
-Y1- STA. 18+00.00

5/20/2026
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User:idebone

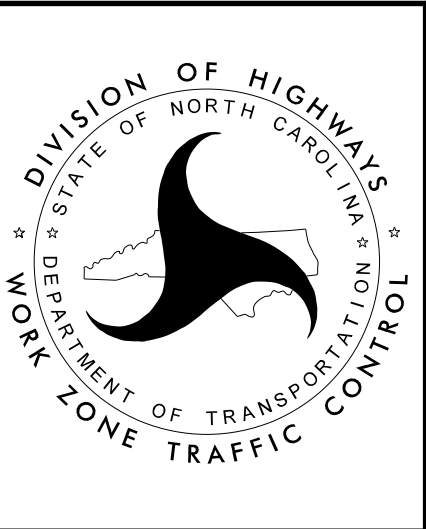
APPROVED: _____
DATE: 5/20/2026

Signed by:
Jacob H. Duke
20530C8054E94D9

SEAL

20530C8054E94D9
NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
043777
JACOB H. DUKE

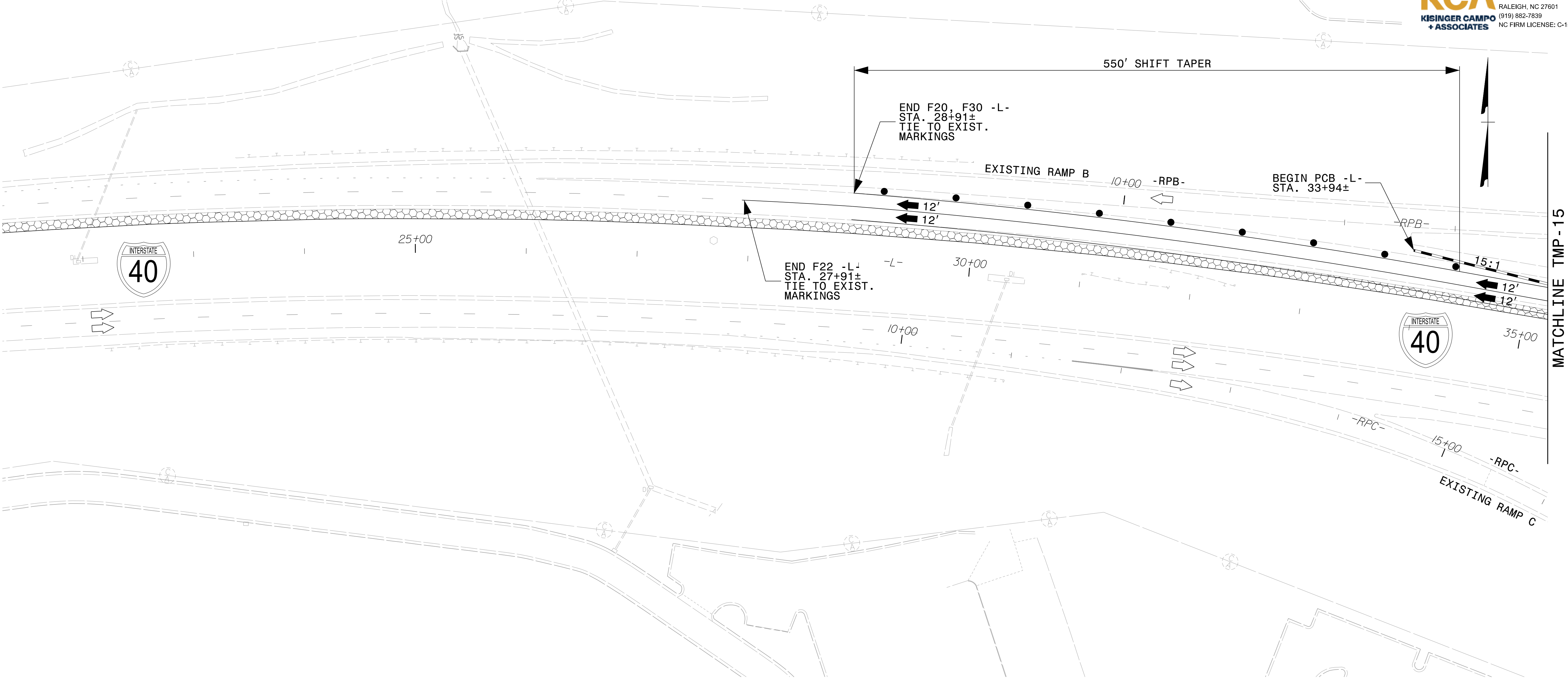
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PHASE 2
TYPICAL SECTIONS

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-14

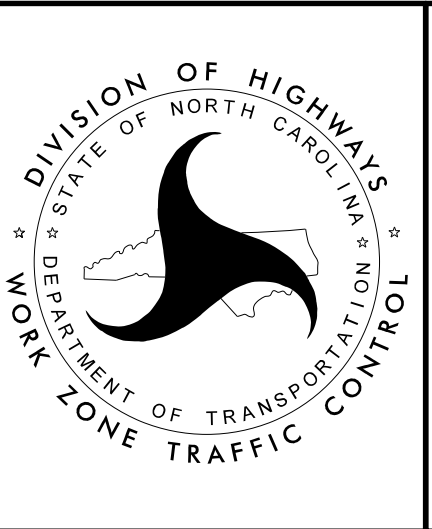
KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-15 AND RSD 1101.02 SHEET 10 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEETS TMP-16 THRU TMP-17.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____	Signed by: <i>Jacob H. Duke</i> 205330C8054E9409
DATE: 5/20/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

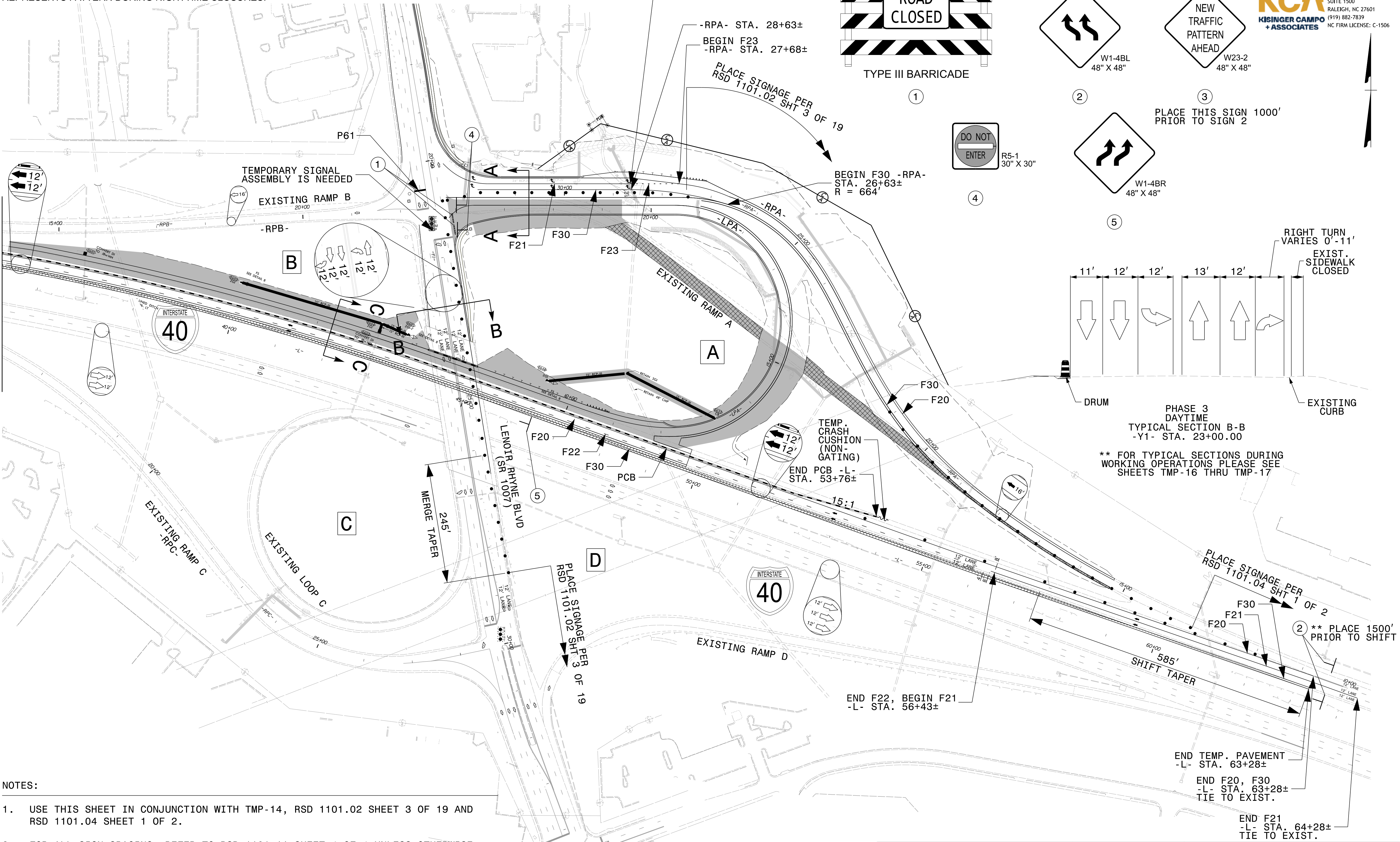


PHASE 3

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON LENOIR RHYNE BLVD.
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

MATCHLINE TMP-14

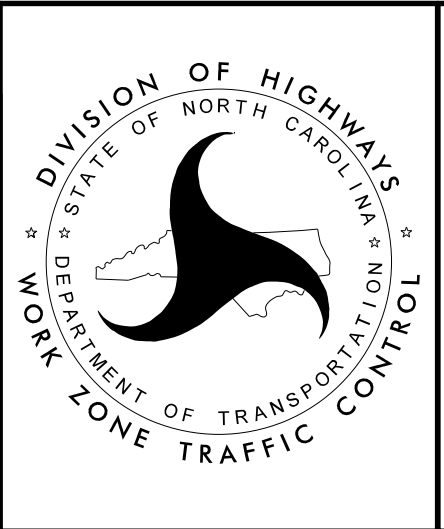


NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-14, RSD 1101.02 SHEET 3 OF 19 AND RSD 1101.04 SHEET 1 OF 2.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEETS TMP-16 THRU TMP-17.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.



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DATE: 5/20/2026
SEAL
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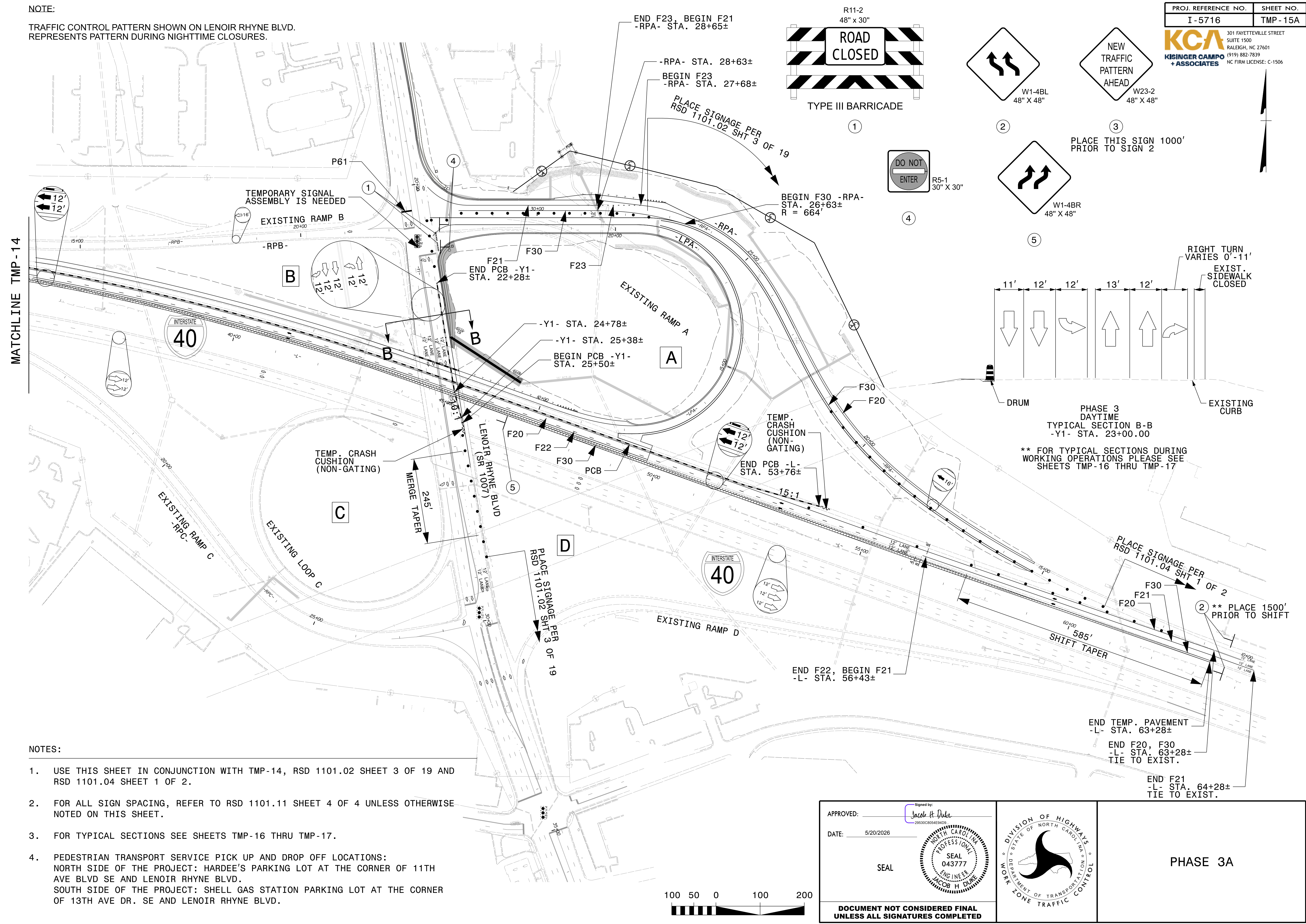


PHASE 3

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-15

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+ ASSOCIATES
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SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506

TRAFFIC CONTROL PATTERN SHOWN ON LENOIR RHYNE BLVD.
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.



1. USE THIS SHEET IN CONJUNCTION WITH TMP-14, RSD 1101.02 SHEET 3 OF 19 AND RSD 1101.04 SHEET 1 OF 2.
2. FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
3. FOR TYPICAL SECTIONS SEE SHEETS TMP-16 THRU TMP-17.
4. PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

Signed by: Jacob H Duke
29530C005AE4EAD09

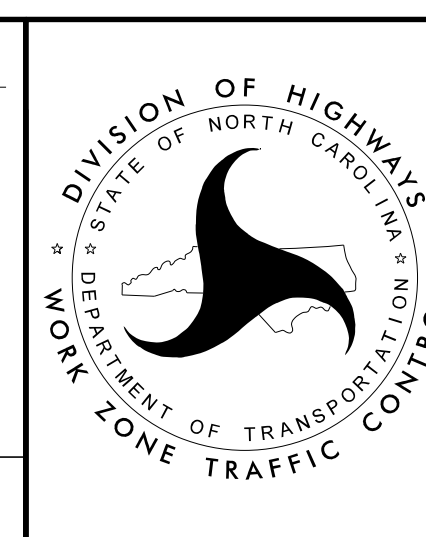
APPROVED: _____

DATE: _____ 5/20/2026

SEAL

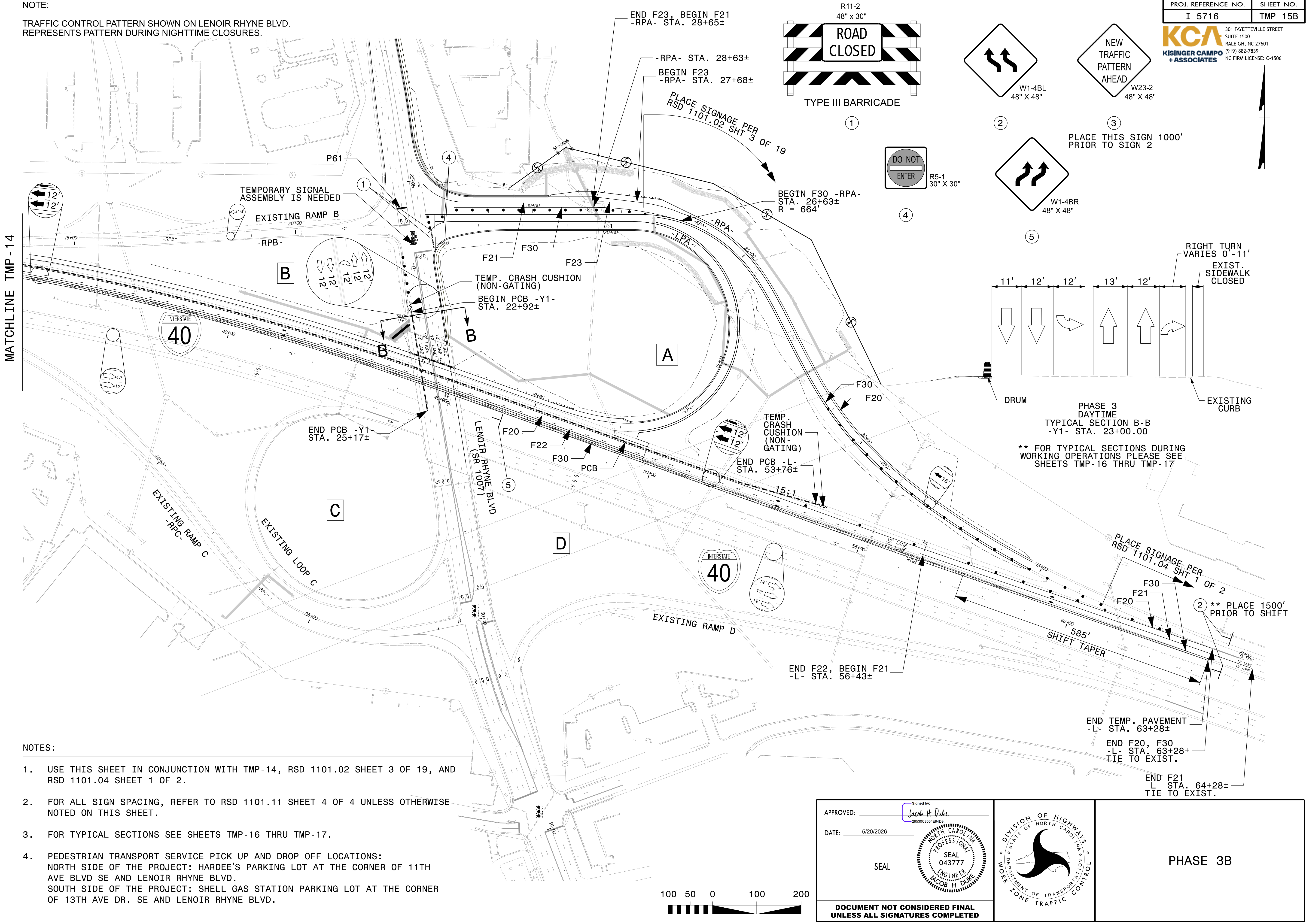
NO. 14 CAROLINA
PROFESSIONAL
SEAL
043777
ENGINEER
JACOB H DUKE

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PHASE 3A

TRAFFIC CONTROL PATTERN SHOWN ON LENOIR RHYNE BLVD.
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.



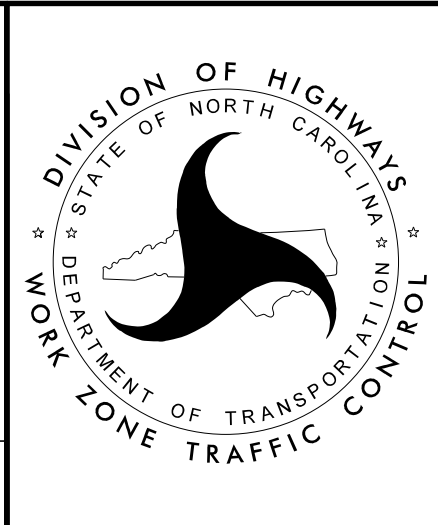
5/20/2026
I-5716-TC_TMP_PHASE_3B.dgn
User:jdebone

APPROVED: _____

DATE: _____ 5/20/2026 _____

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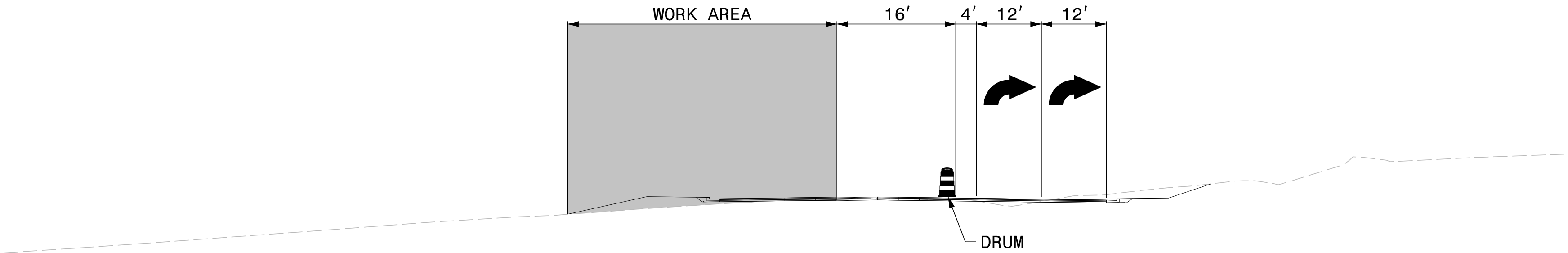
PHASE 3B

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-16

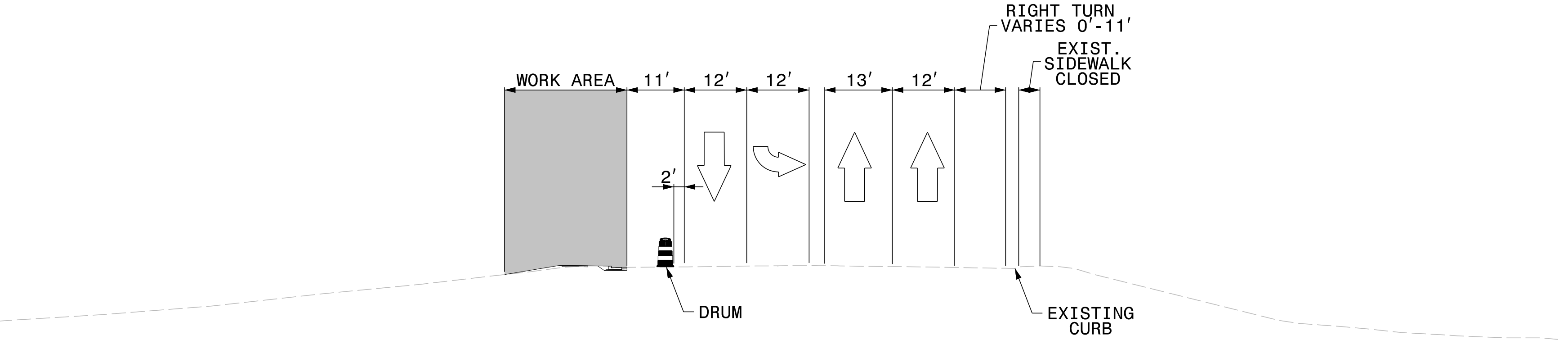
KCA

KISINGER CAMPO
+ ASSOCIATES

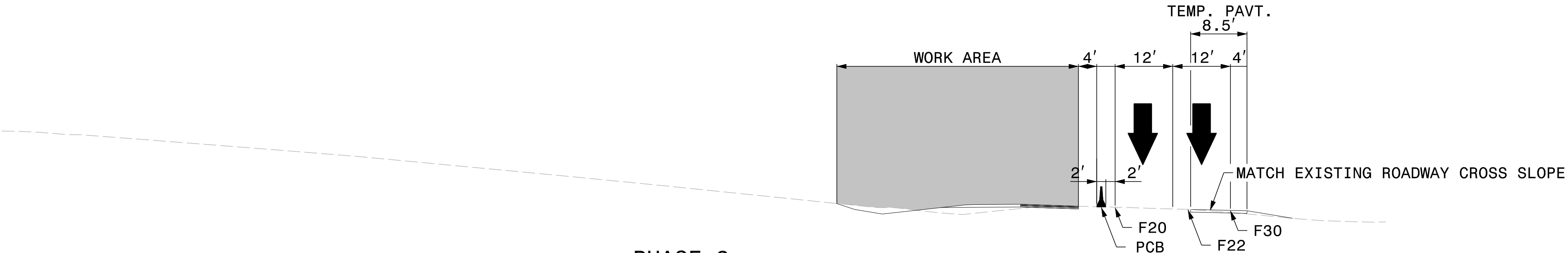
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 3
TYPICAL SECTION A-A
-LPA- STA. 22+50.00



PHASE 3
TYPICAL SECTION B-B
-Y1- STA. 23+00.00



PHASE 3
TYPICAL SECTION C-C
-L- STA. 42+00.00

5/20/2026
I-5716_TC_TMP_PHASE_3_TYP.dgn
User:idebone

APPROVED: _____
DATE: 5/20/2026

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NORTH CAROLINA
PROFESSIONAL
ENGINEER
JACOB H. DUKE
043777

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Signed by:
Jacob H. Duke

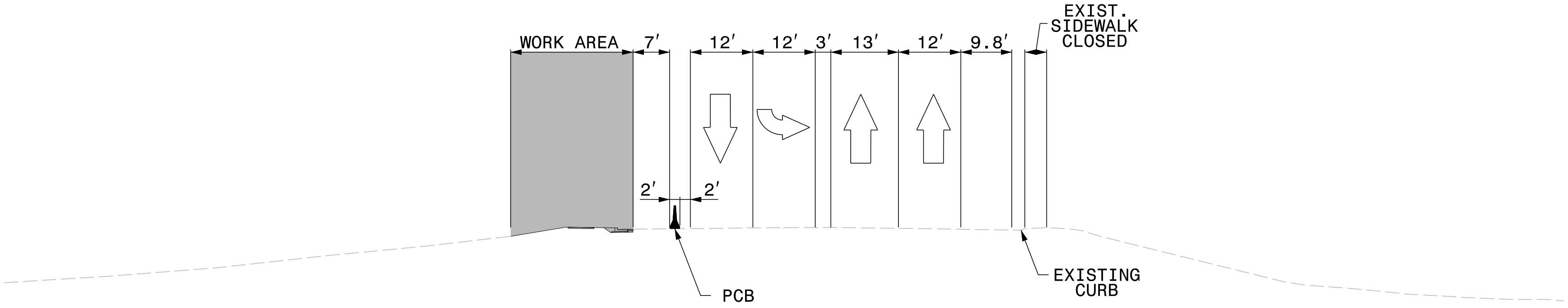
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE 3
TYPICAL SECTIONS

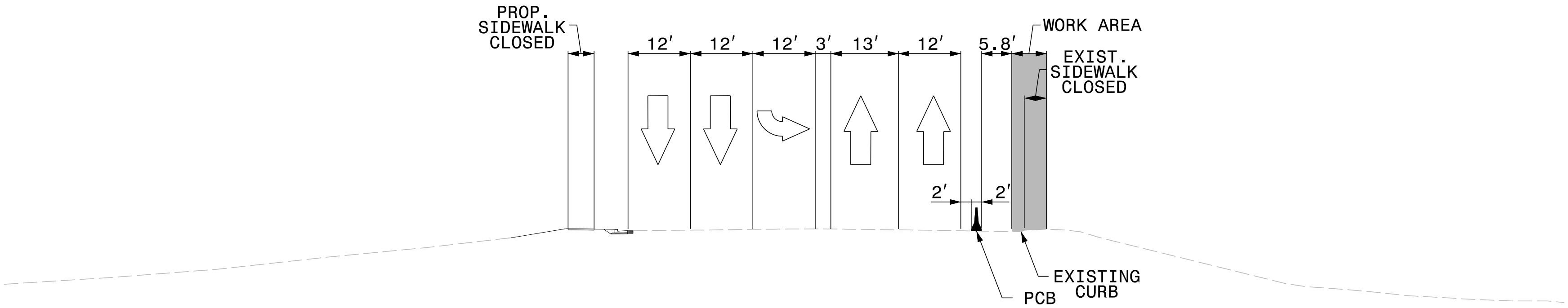
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-17

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+ ASSOCIATES

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NC FIRM LICENSE: C-1506



PHASE 3A
TYPICAL SECTION B-B
-Y1- STA. 23+00.00



PHASE 3B
TYPICAL SECTION B-B
-Y1- STA. 23+00.00

5/20/2026
I-5716_TC_TMP_PHASE_3AB_TYP.dgn
User:idebone

APPROVED: _____
DATE: 5/20/2026
SEAL

Signed by:
Jacob H. Duke
20530C8054E9409

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043777
ENGINEER
JACOB H. DUKE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

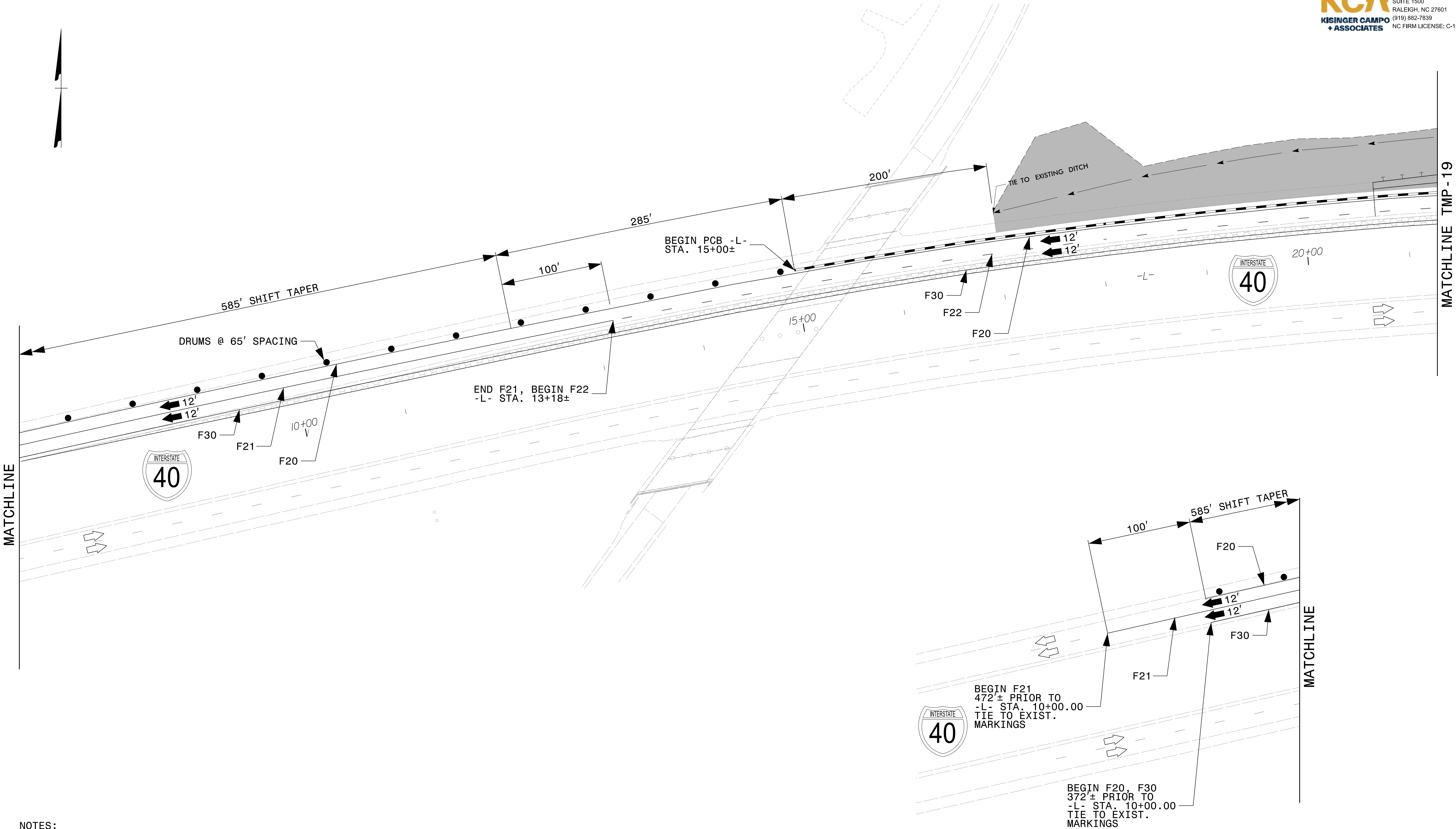
PHASE 3A &
PHASE 3B
TYPICAL SECTIONS

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PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-18

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RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-19, TMP-20, AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-21.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

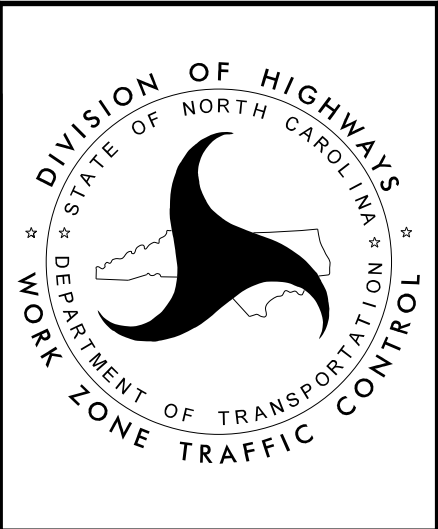
APPROVED: _____
DATE: 5/20/2026

Signed by:
Jacob H. Duke
20530CB054E9409

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20530CB054E9409
NORTH CAROLINA
PROFESSIONAL
SEAL
043777
ENGINEER
JACOB H. DUKE

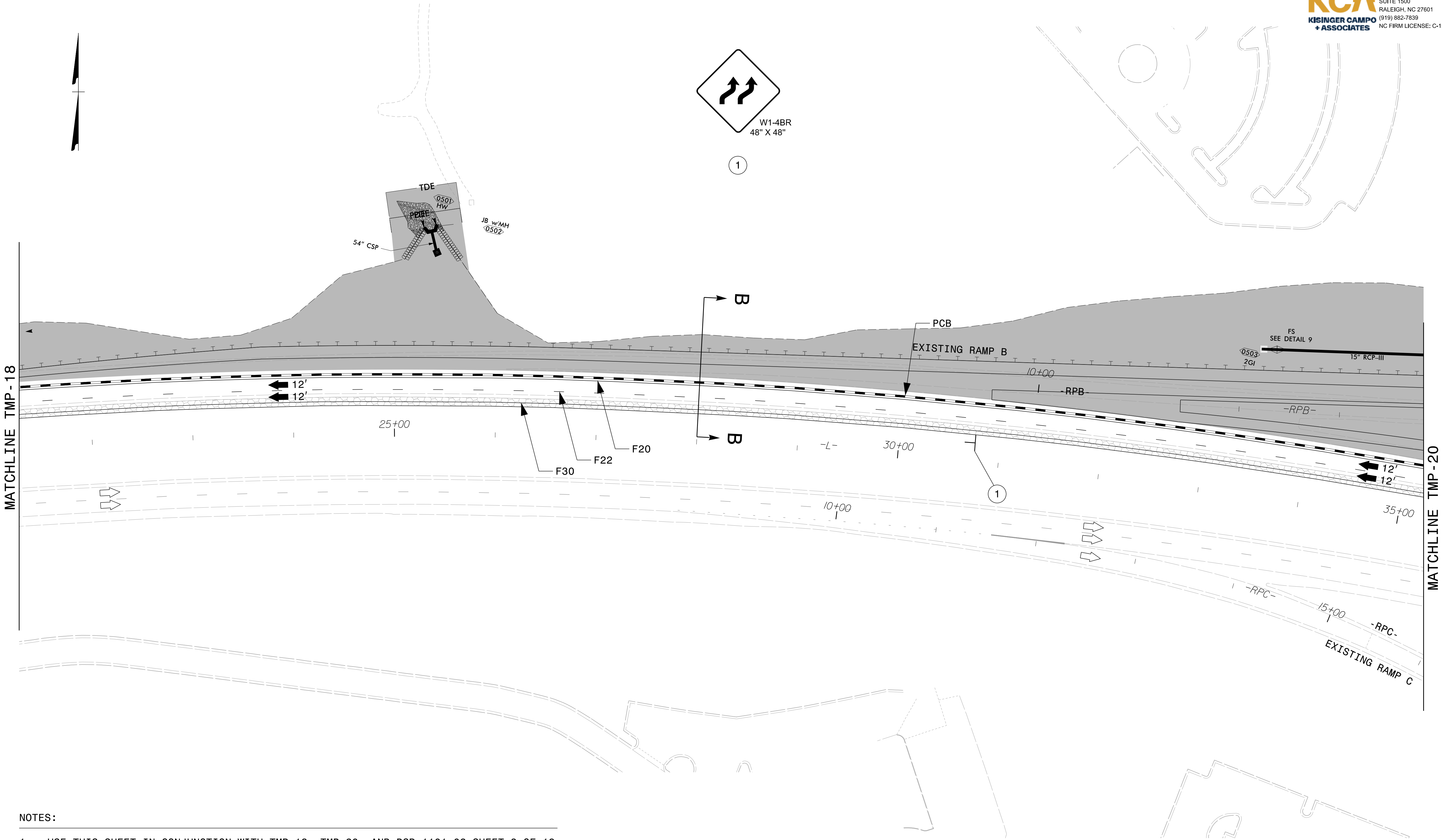
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PHASE 4

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-19

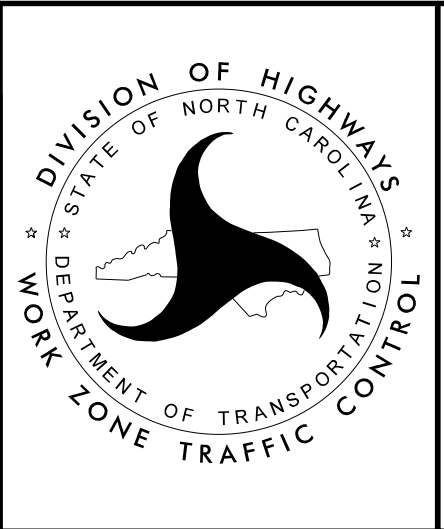
KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



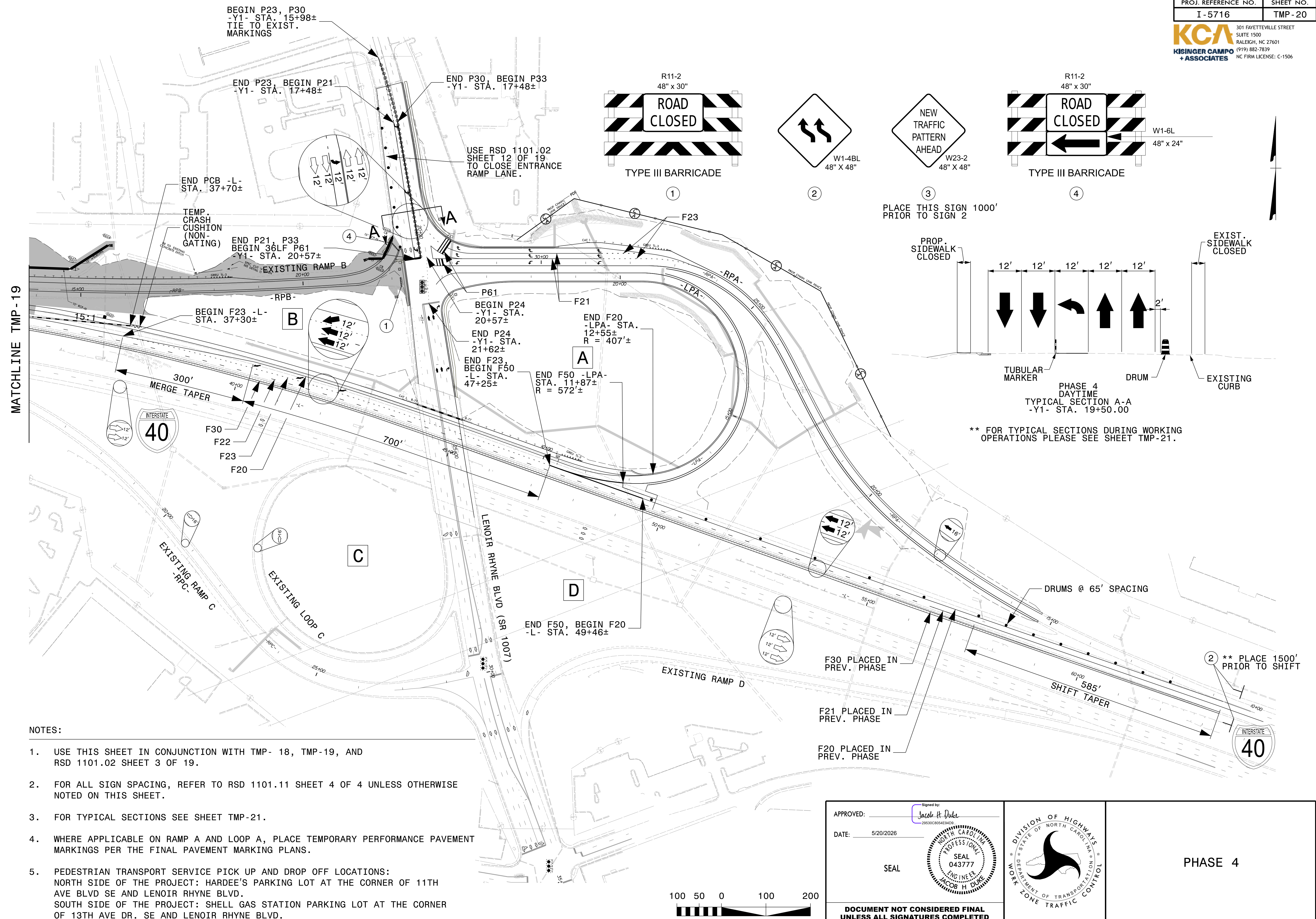
NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-18, TMP-20, AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-21.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____	Signed by: <i>Jacob H. Duke</i> 20530C8054E9409
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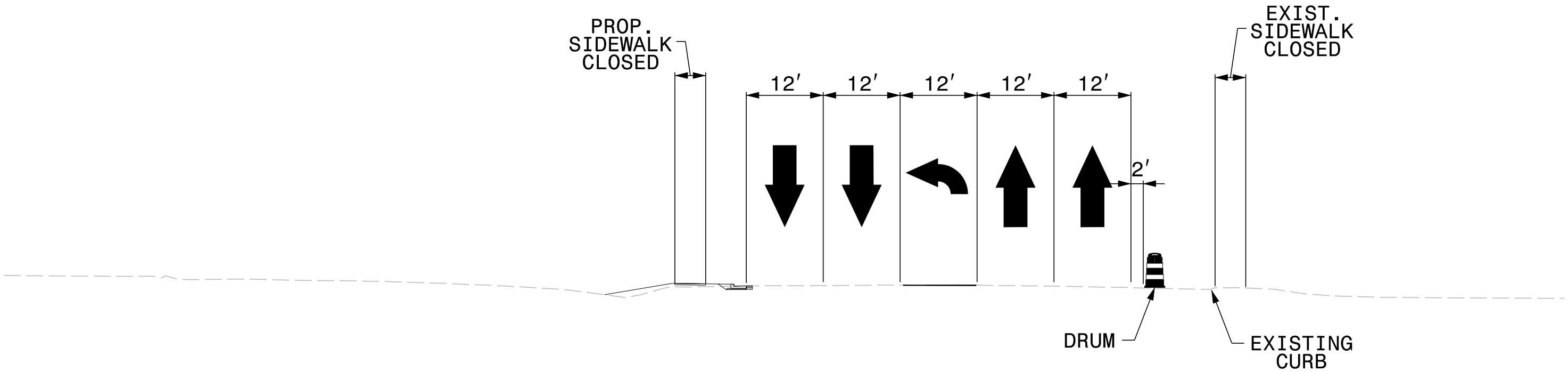
PHASE 4



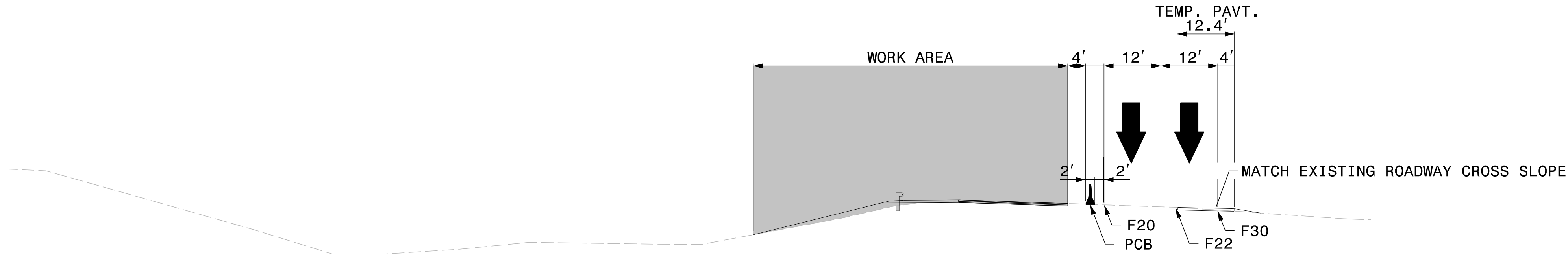
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-21

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KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 4
TYPICAL SECTION A-A
-Y1- STA. 19+50.00



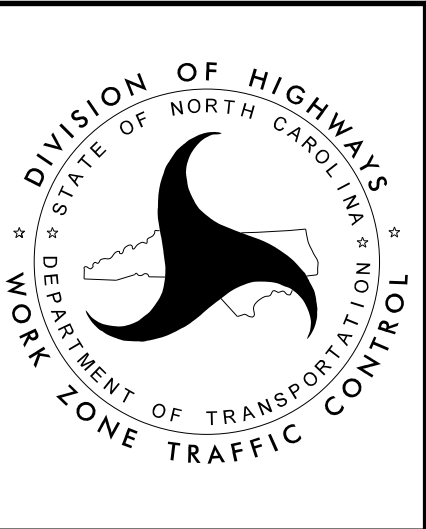
PHASE 4
TYPICAL SECTION B-B
-L- STA. 28+00.00

APPROVED: _____
DATE: 5/20/2026

Signed by:
Jacob H. Duke
20530C8054E94D9

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
043777
JACOB H. DUKE

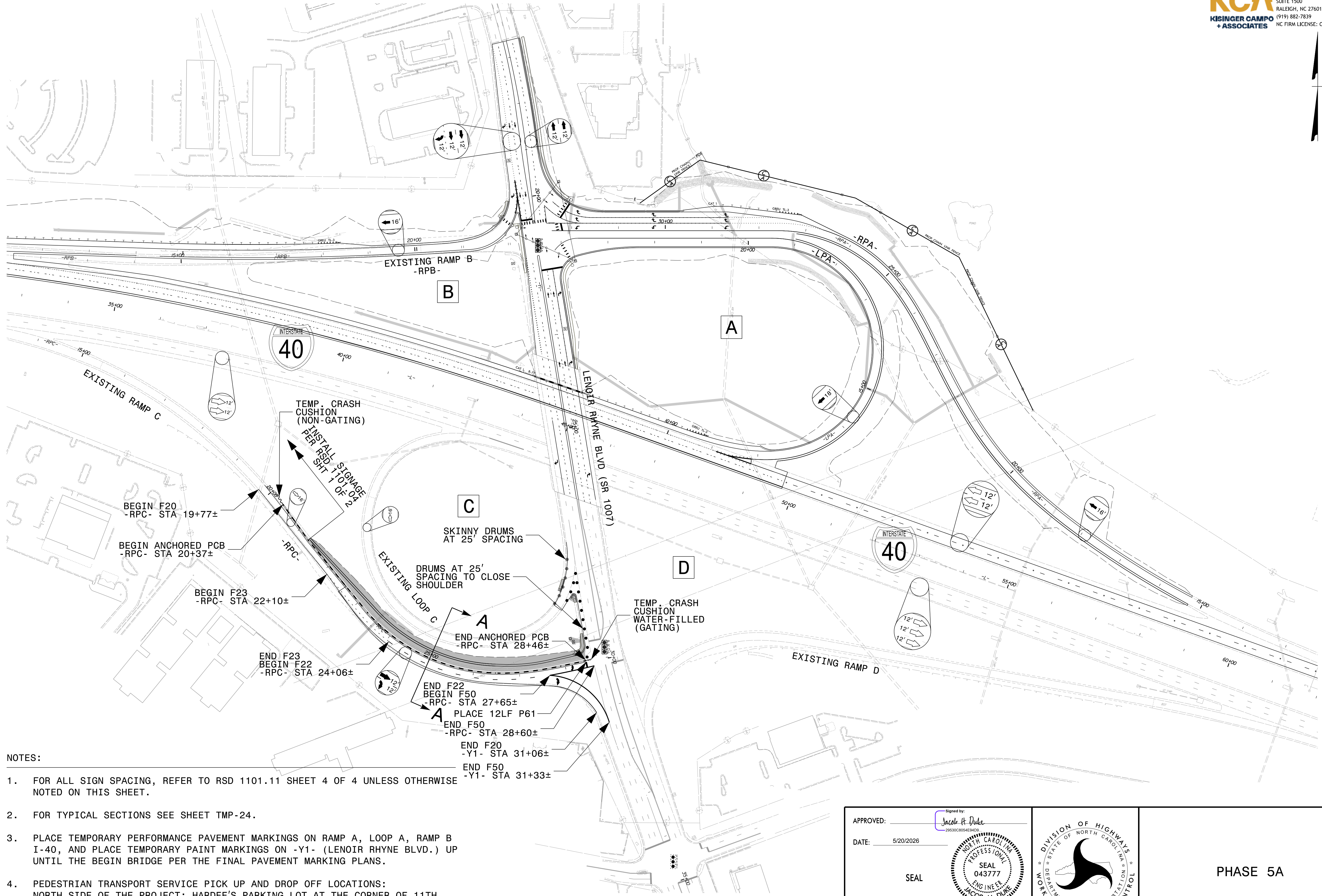
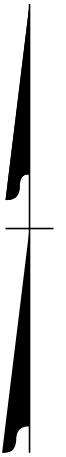
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PHASE 4
TYPICAL SECTIONS

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-22

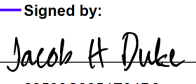
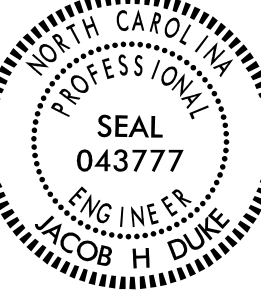
KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506

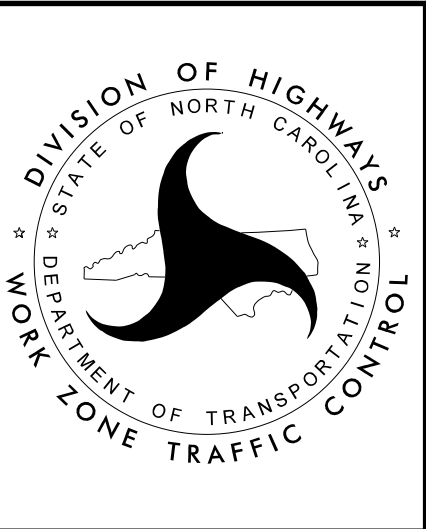


NOTES:

- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-24.
- PLACE TEMPORARY PERFORMANCE PAVEMENT MARKINGS ON RAMP A, LOOP A, RAMP B I-40, AND PLACE TEMPORARY PAINT MARKINGS ON -Y1- (LENOIR RHYNE BLVD.) UP UNTIL THE BEGIN BRIDGE PER THE FINAL PAVEMENT MARKING PLANS.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.



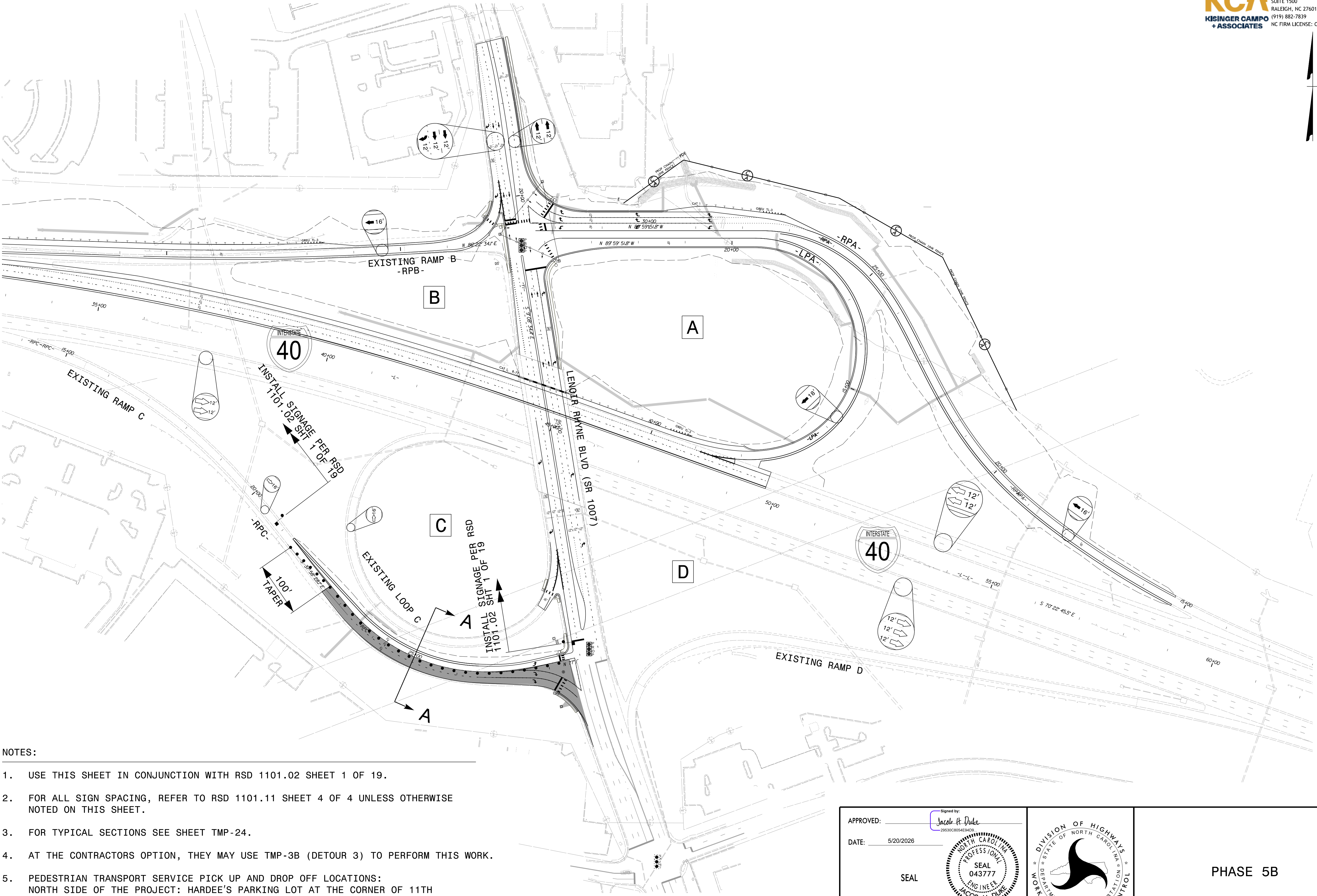
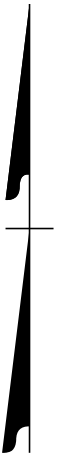
APPROVED: 
DATE: 5/20/2026
SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE 5A

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-23

KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
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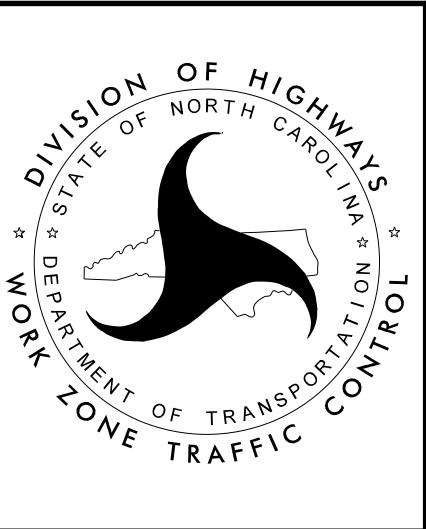
NOTES:

- USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 1 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-24.
- AT THE CONTRACTORS OPTION, THEY MAY USE TMP-3B (DETOUR 3) TO PERFORM THIS WORK.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.



APPROVED: _____
DATE: 5/20/2026
SEAL
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Signed by:
Jacob H. Duke
29530C8054E94D9
NORTH CAROLINA
PROFESSIONAL
SEAL
043777
ENGINEER
JACOB H. DUKE

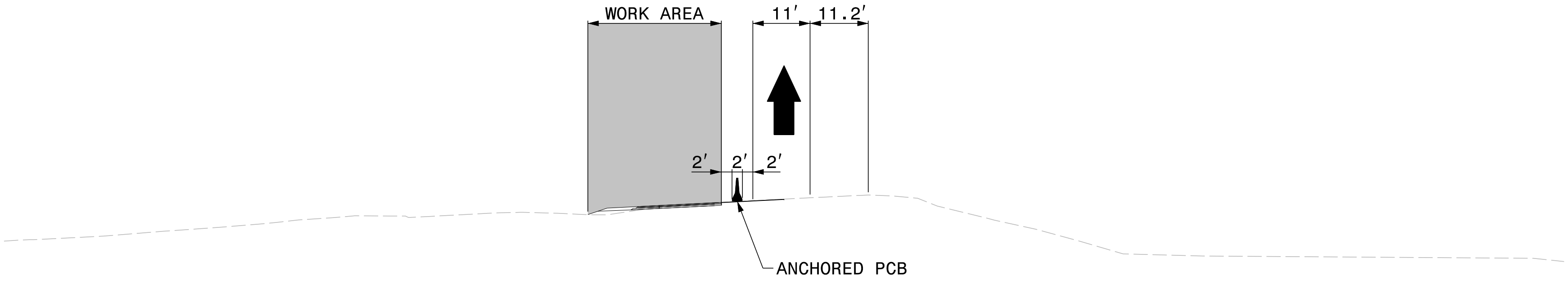


PHASE 5B

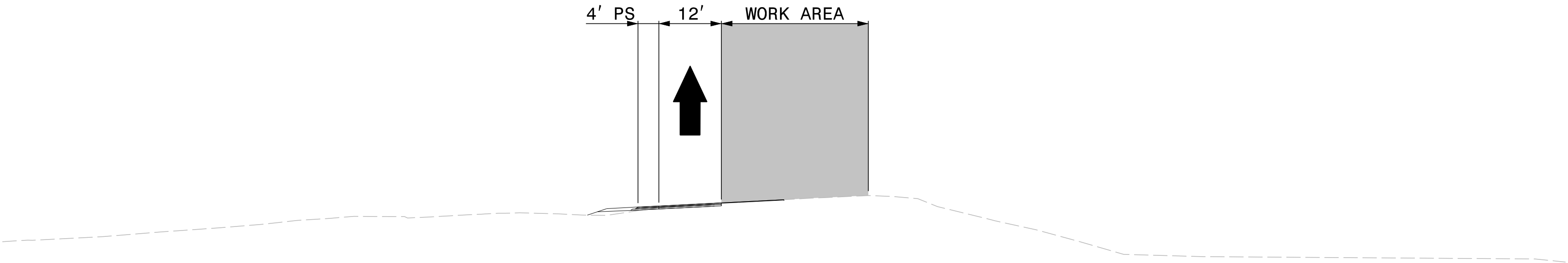
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-24

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



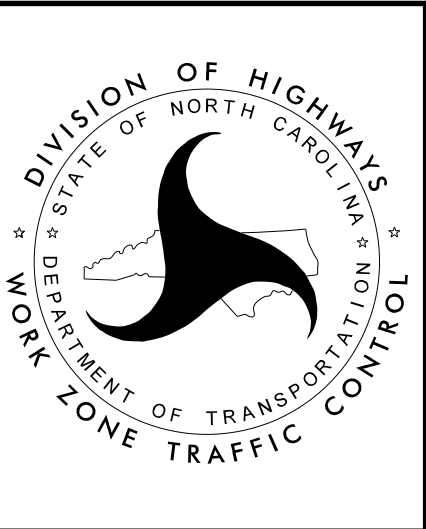
PHASE 5A
TYPICAL SECTION A-A
-RPC- STA. 25+00.00



PHASE 5B
TYPICAL SECTION A-A
-RPC- STA. 25+00.00

5/20/2026
I-5716_TIC_TMP_PHASE_5AB_TYP.dgn
User:idebone

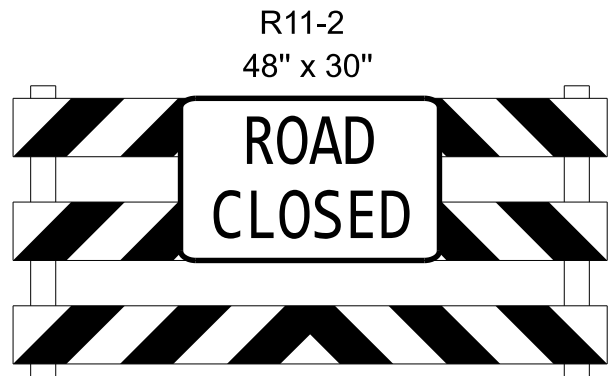
APPROVED: _____	Signed by: <i>Jacob H. Duke</i> 205330C8054E94D9
DATE: 5/20/2026	
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PHASE 5A & 5B
TYPICAL SECTIONS

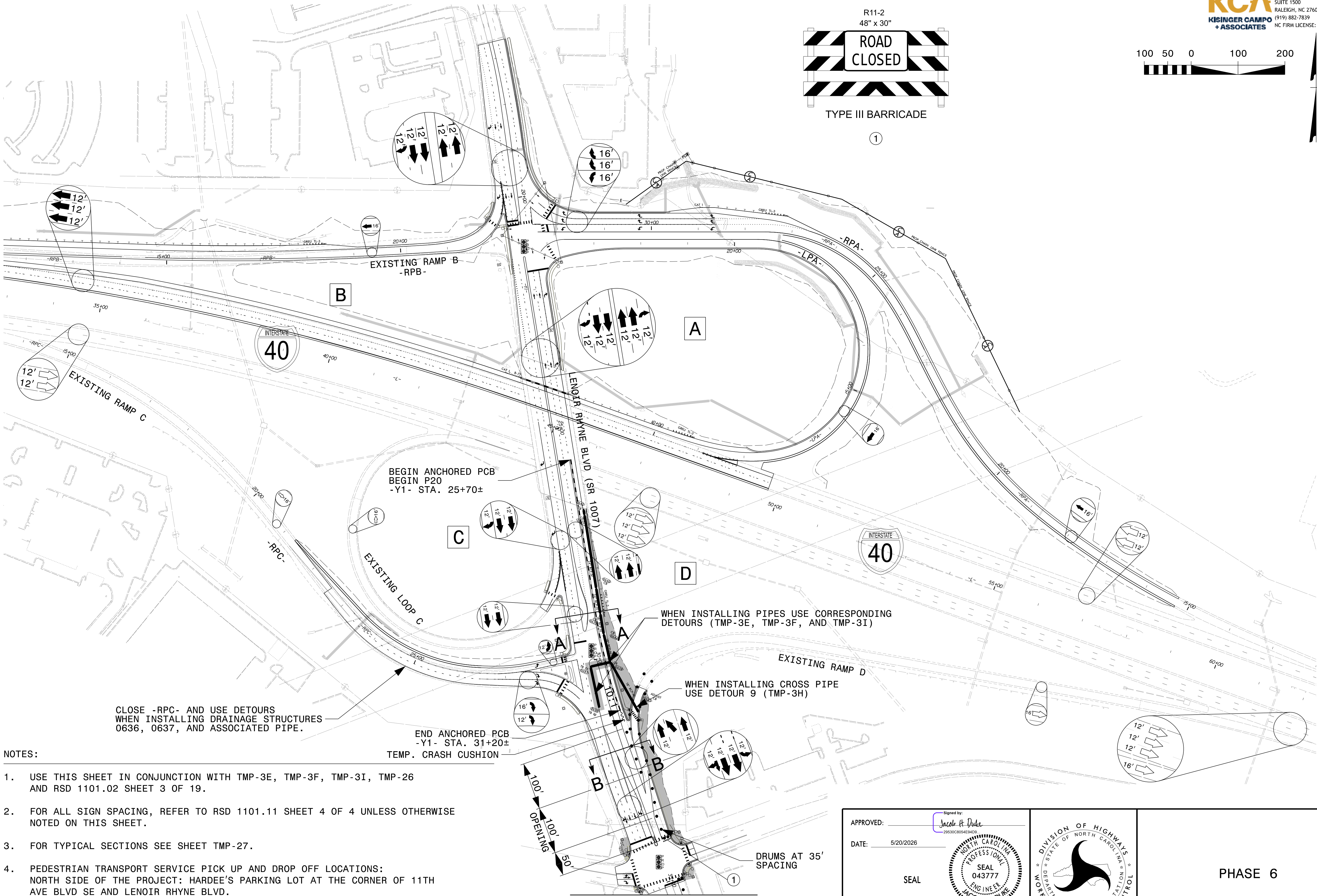
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-25

KCA
KISINGER CAMPO
+ ASSOCIATES
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RALEIGH, NC 27601
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NC FIRM LICENSE: C-1506



TYPE III BARRICADE

①



CLOSE -RPC- AND USE DETOURS
WHEN INSTALLING DRAINAGE STRUCTURES
0636, 0637, AND ASSOCIATED PIPE.

END ANCHORED PCB
-Y1- STA. 31+20±
TEMP. CRASH CUSHION

WHEN INSTALLING PIPES USE CORRESPONDING
DETOURS (TMP-3E, TMP-3F, AND TMP-3I)

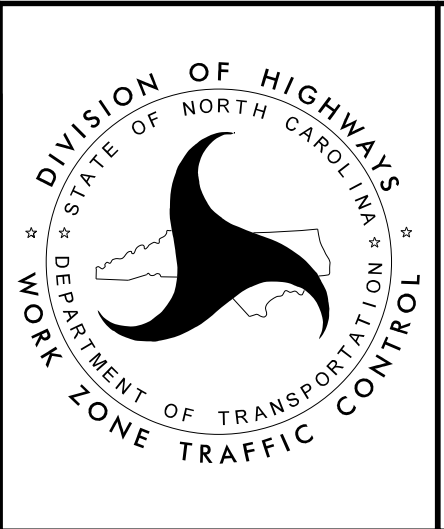
WHEN INSTALLING CROSS PIPE
USE DETOUR 9 (TMP-3H)

NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-3E, TMP-3F, TMP-3I, TMP-26
AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE
NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-27.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH
AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER
OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

MATCHLINE TMP-26

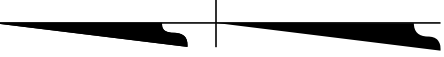
APPROVED: _____	Signed by: <u>Jacob H. Duke</u> 29530C8054E94D09
DATE: 5/20/2026	
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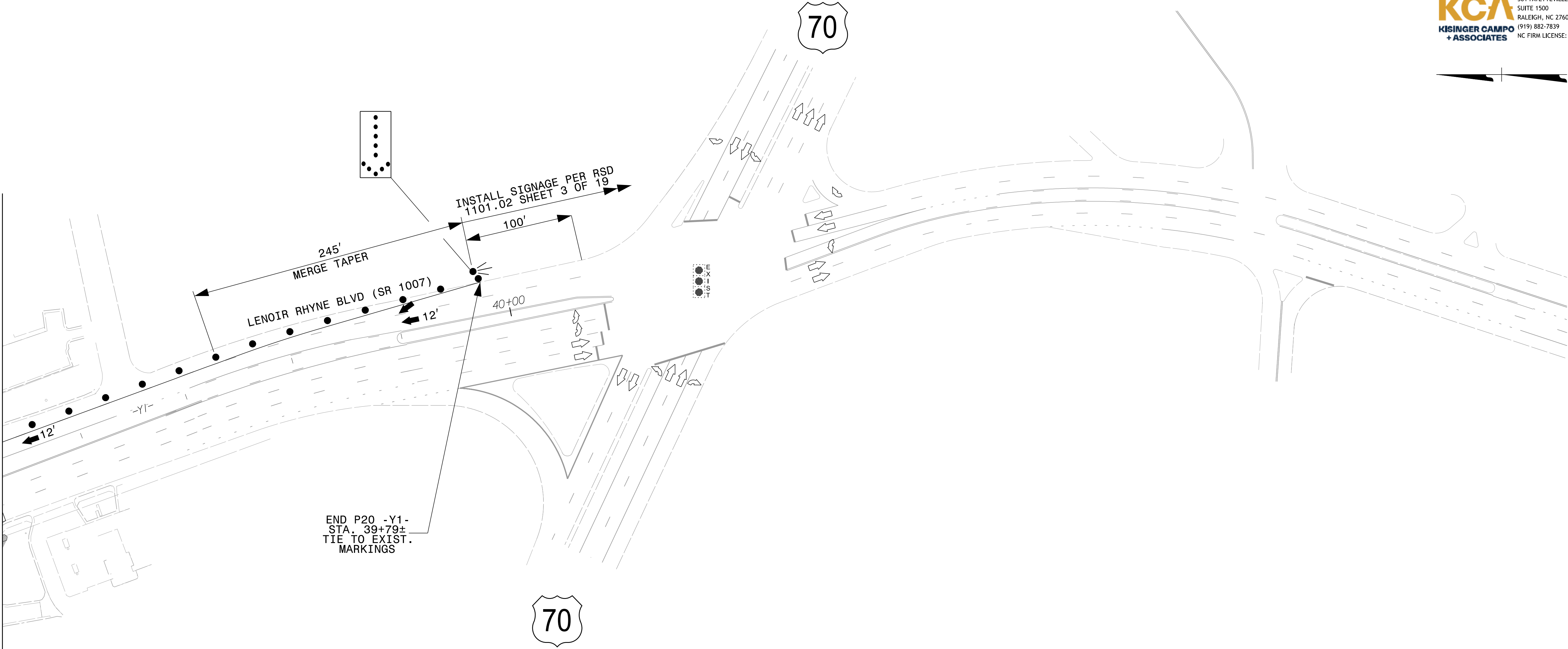
PHASE 6

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-26

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RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



MATCHLINE TMP-25

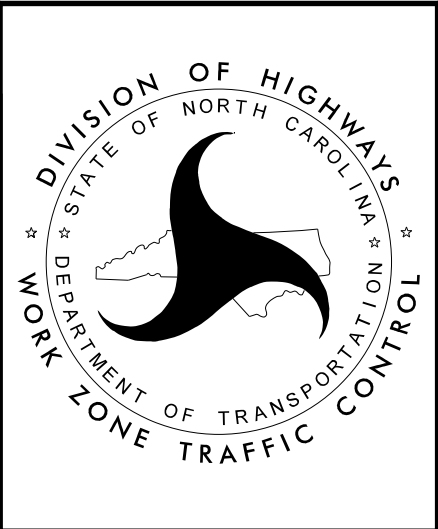


NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-25 AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-27.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____
DATE: 5/20/2026
SEAL
DOCUMENT NOT CONSIDERED FINAL
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Signed by:
Jacob H. Duke
29530C8054E94D9
NORTH CAROLINA
PROFESSIONAL
SEAL
043777
ENGINEER
JACOB H. DUKE

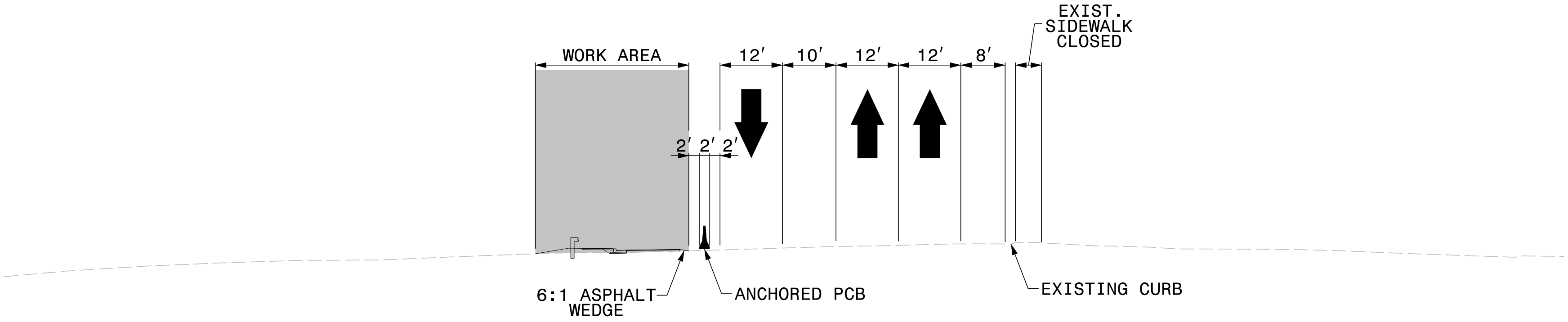


PHASE 6

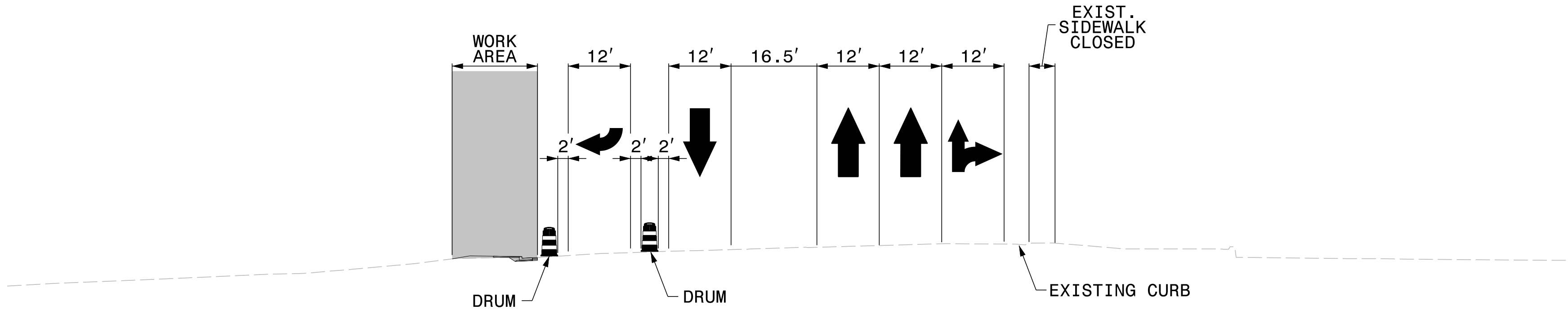
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-27

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KISINGER CAMPO
+ ASSOCIATES

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SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 6
TYPICAL SECTION A-A
-Y1- STA. 29+00.00



PHASE 6
TYPICAL SECTION B-B
-Y1- STA. 32+00.00

5/20/2026
I-5716_TC_TMP_PHASE_6_TYP.dgn
User:idebone

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DATE: 5/20/2026

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20530C8054E94D9

PHASE 6
TYPICAL SECTIONS

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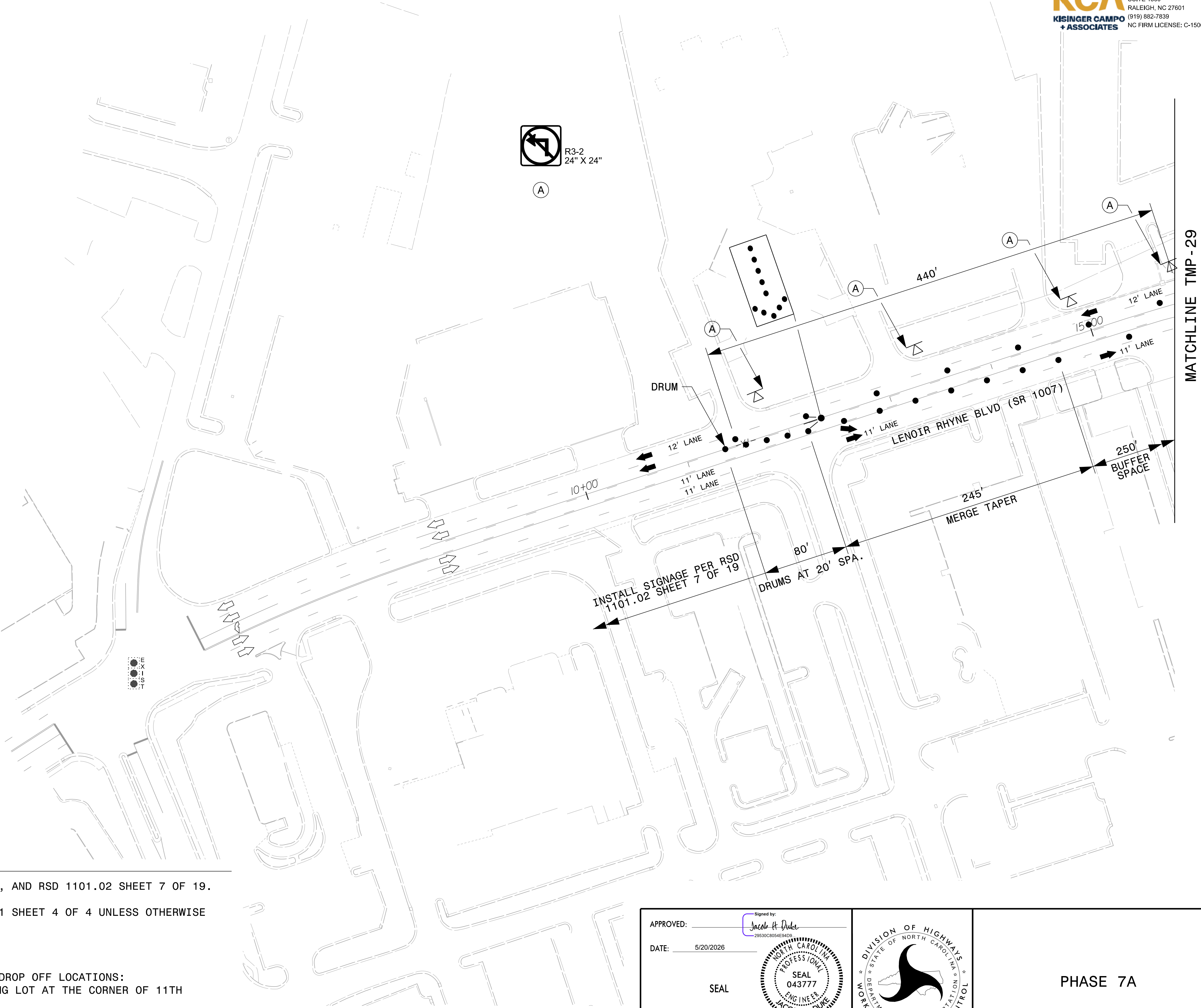
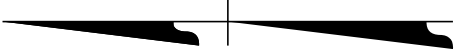
NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-28

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



NOTES:

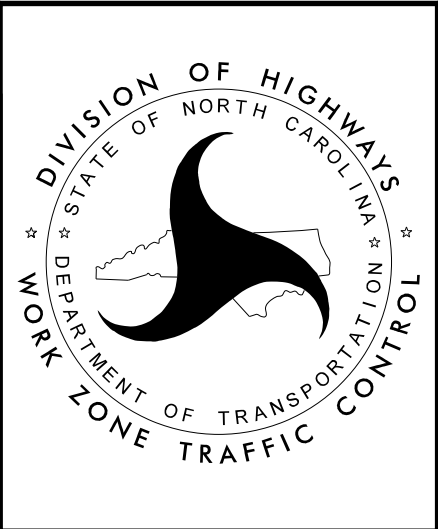
- USE THIS SHEET IN CONJUNCTION WITH TMP-29, AND RSD 1101.02 SHEET 7 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-31.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

5/20/2026
I-5716_TC_TMP_PHASE_7A.dgn
User:idebone

APPROVED: _____
DATE: 5/20/2026
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Signed by:
Jacob H. Duke
20530C8054E9409

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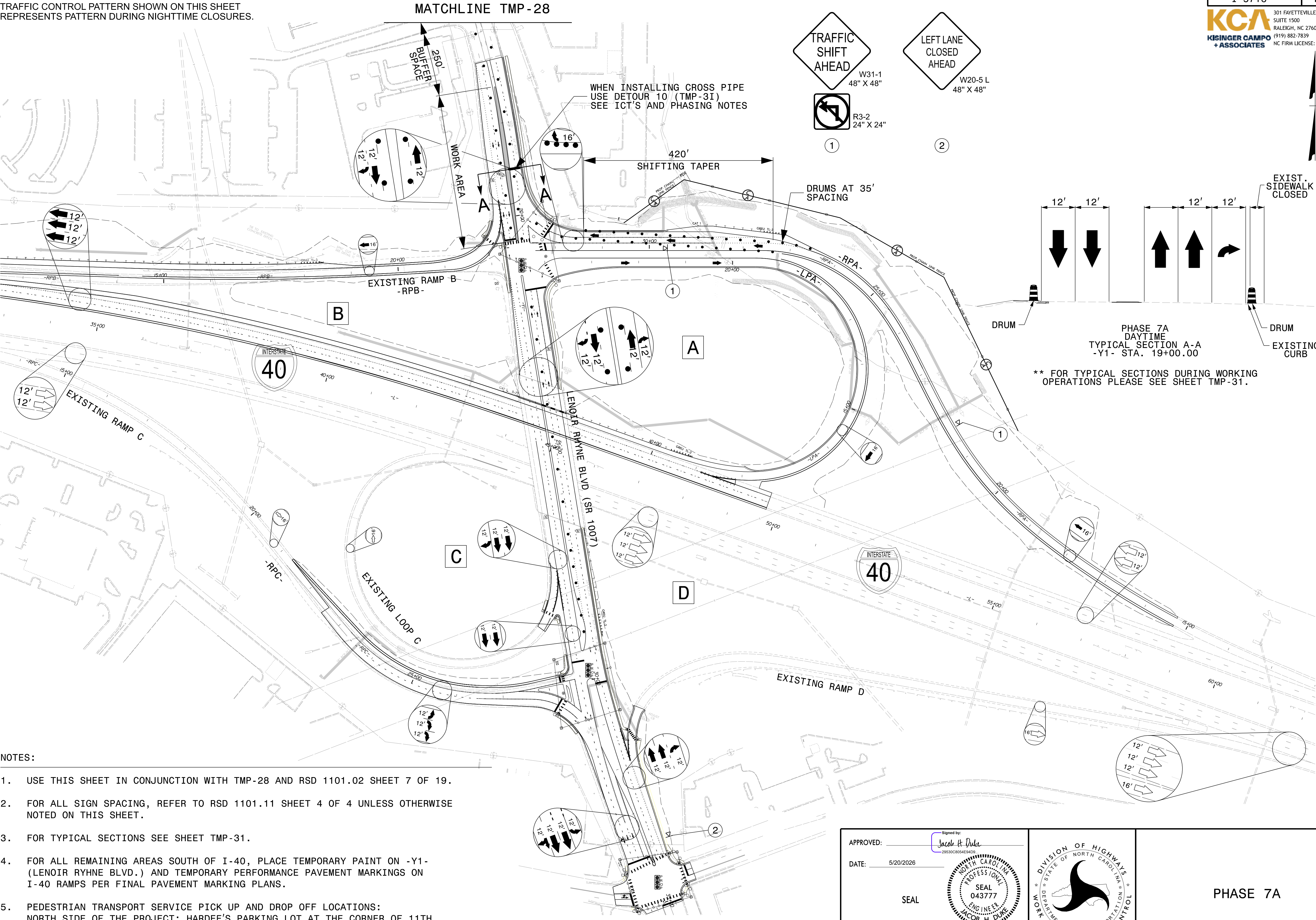
PHASE 7A

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-29

KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



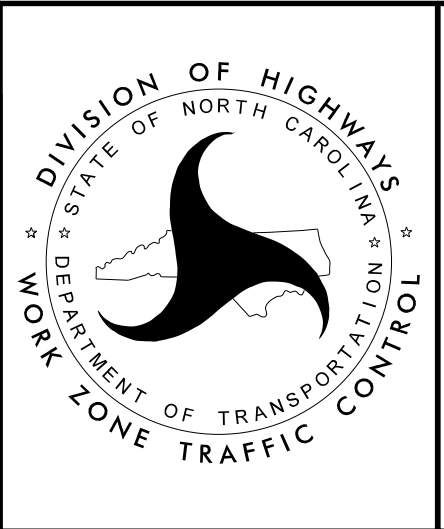
NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-28 AND RSD 1101.02 SHEET 7 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-31.
- FOR ALL REMAINING AREAS SOUTH OF I-40, PLACE TEMPORARY PAINT ON -Y1- (LENOIR RHYNE BLVD.) AND TEMPORARY PERFORMANCE PAVEMENT MARKINGS ON I-40 RAMPS PER FINAL PAVEMENT MARKING PLANS.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

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DATE: 5/20/2026

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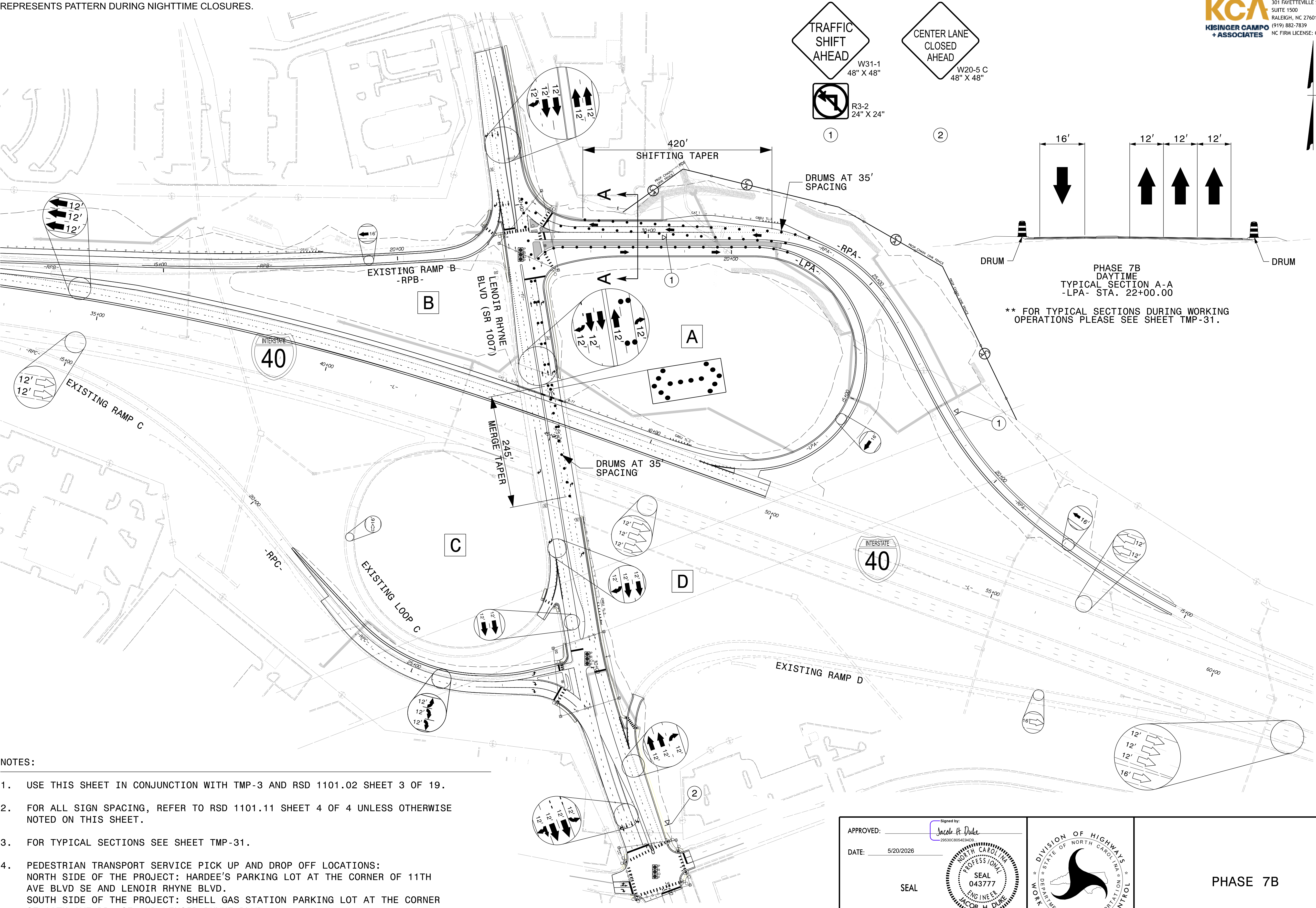
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PHASE 7A

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

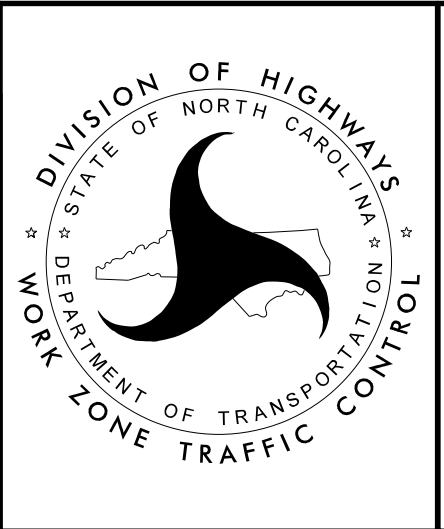


NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-3 AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-31.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.



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PHASE 7B

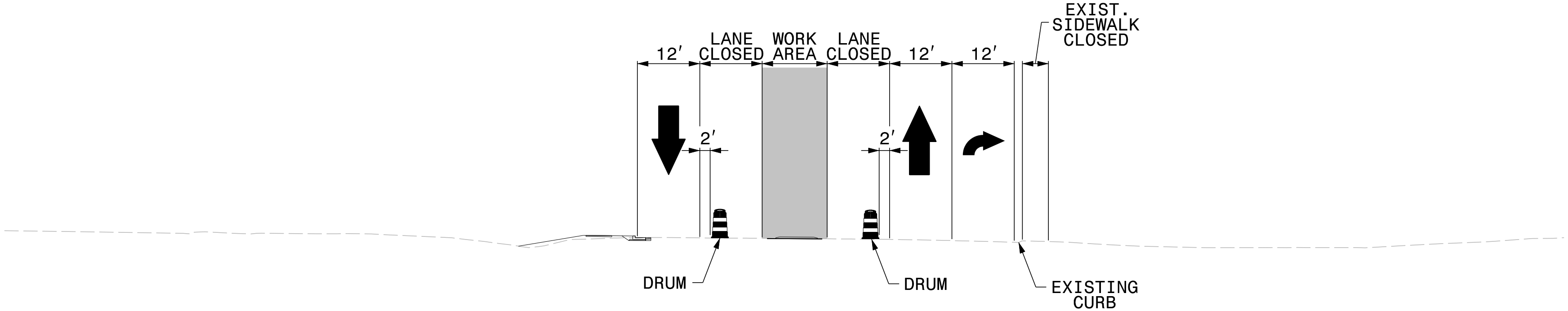
NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

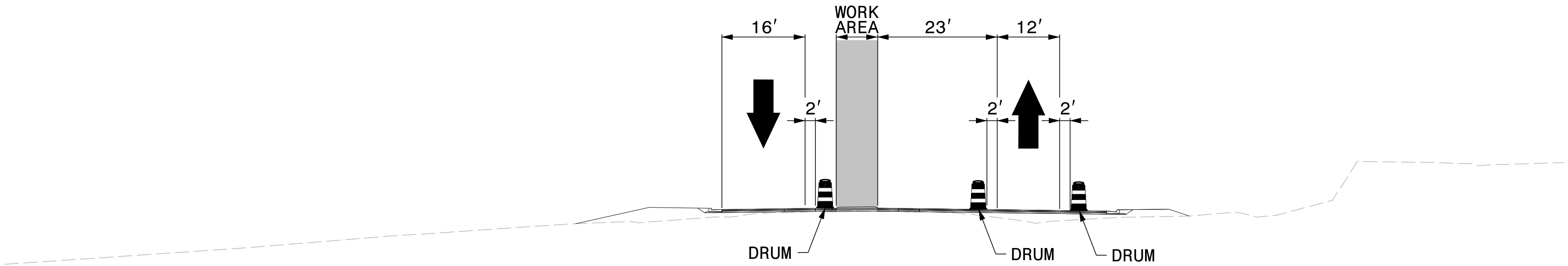
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-31

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 7A
TYPICAL SECTION A-A
-Y1- STA. 19+00.00



PHASE 7B
TYPICAL SECTION A-A
-LPA- STA. 22+00.00

5/20/2026
I-5716_TC_TMP_PHASE_7AB_TYP.dgn
User:idebone

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DATE: 5/20/2026

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Signed by:
Jacob H. Duke
20530C8054E9409

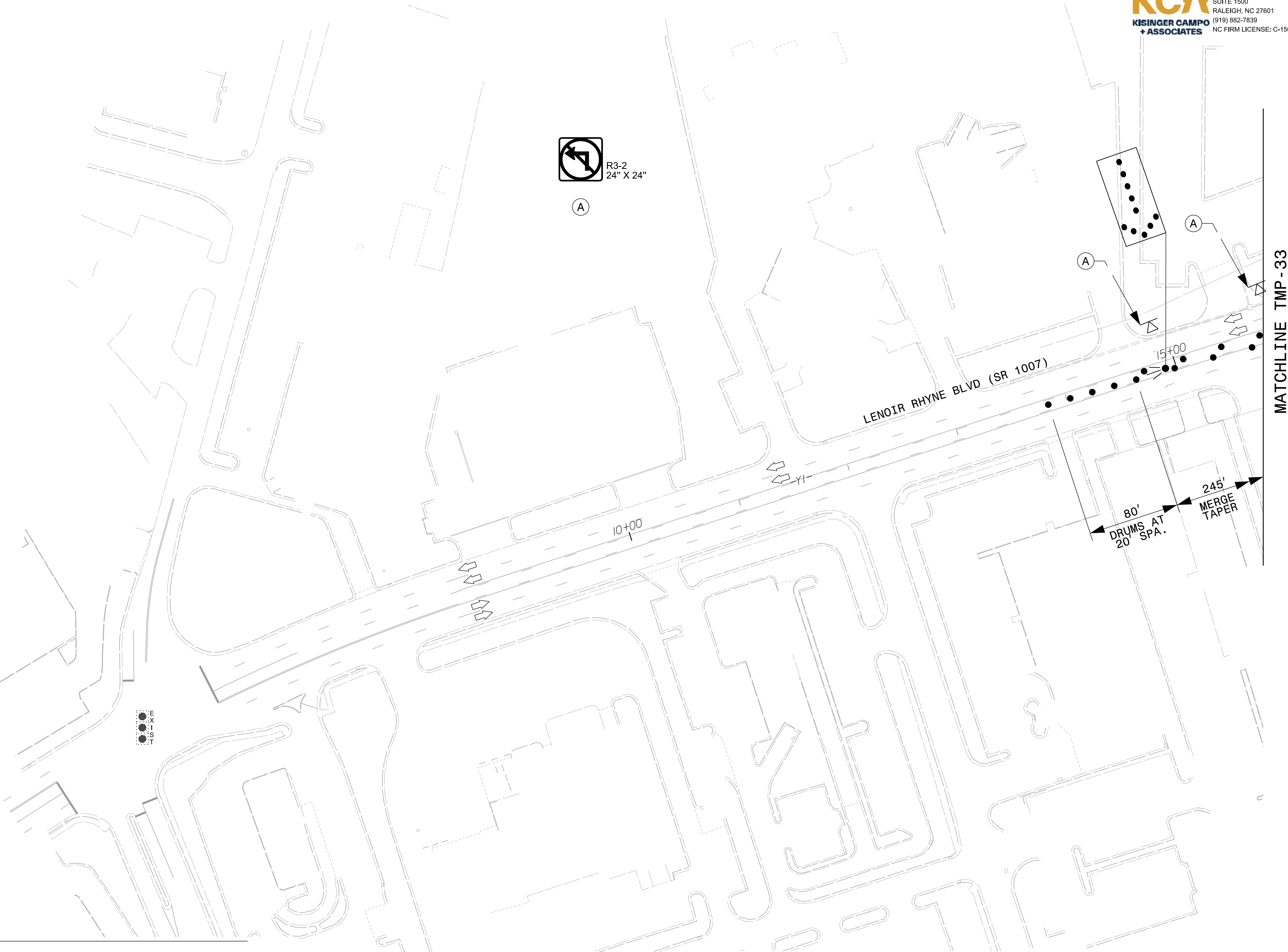
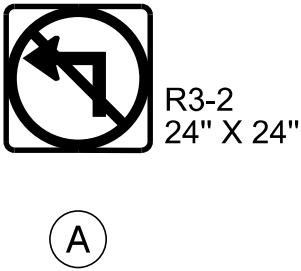
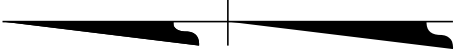
PHASE 7A & 7B
TYPICAL SECTIONS

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

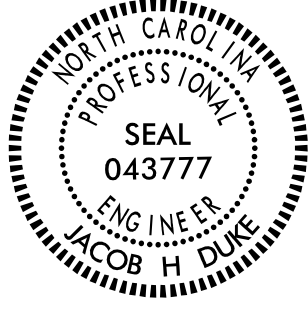
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-32

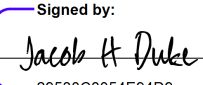
KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



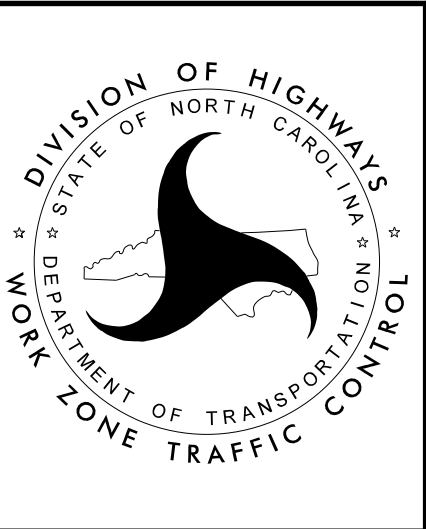
NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-33, TMP-34, AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-37.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____
DATE: 5/20/2026
SEAL


Signed by:

20630CB054E94D9

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PHASE 7C

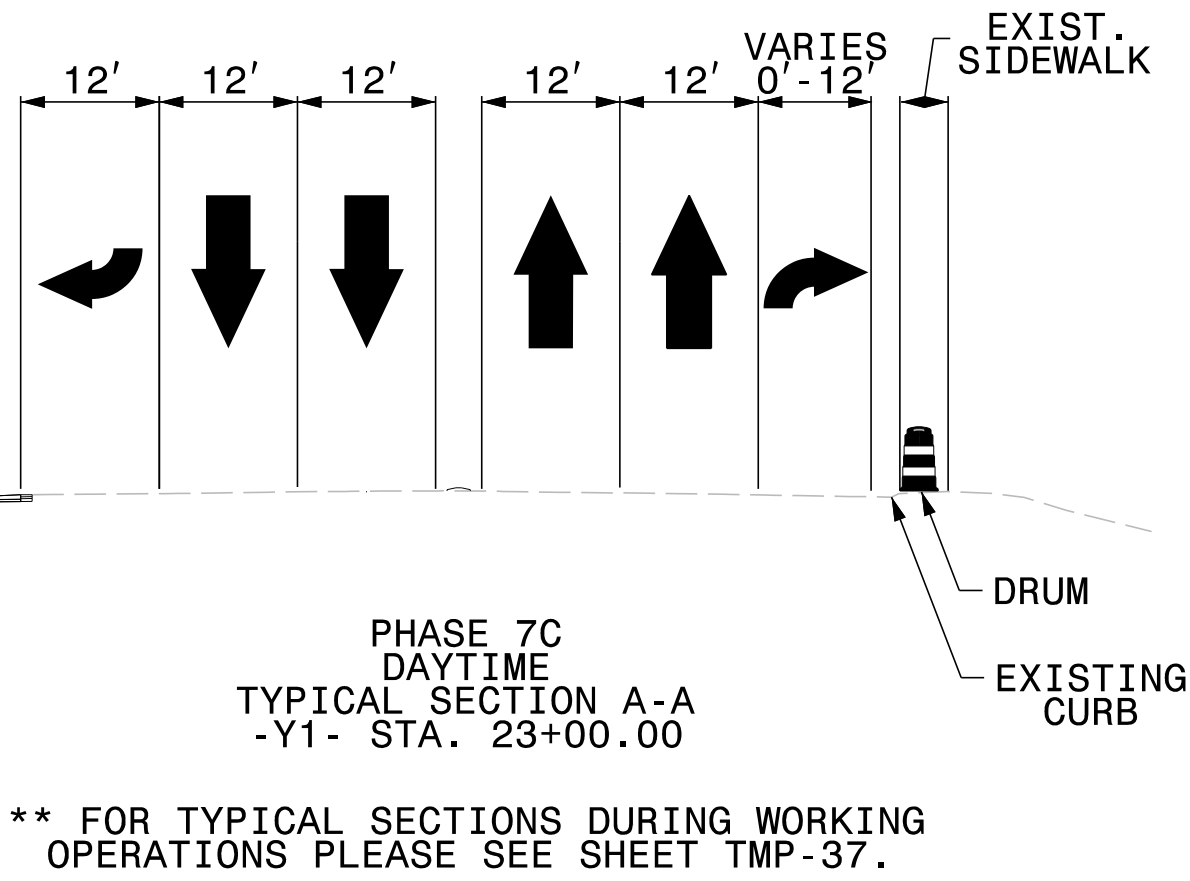
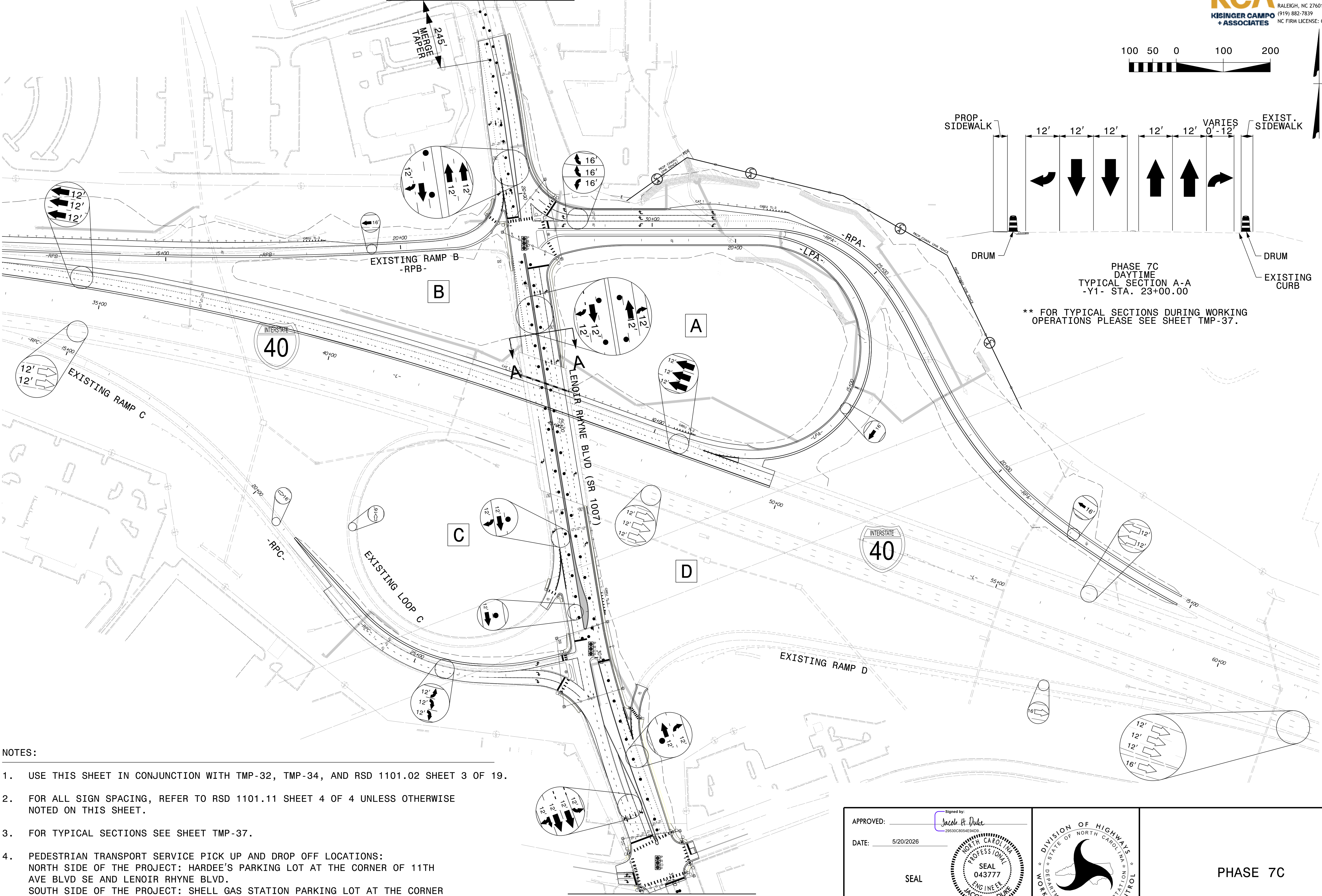
NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

MATCHLINE TMP-32

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-33

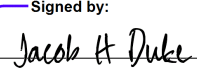
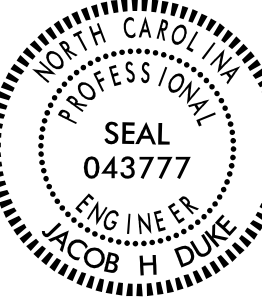
KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506

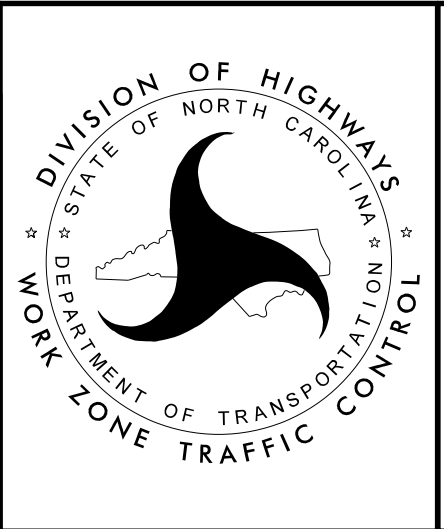


NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-32, TMP-34, AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-37.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

MATCHLINE TMP-34

APPROVED: 
DATE: 5/20/2026
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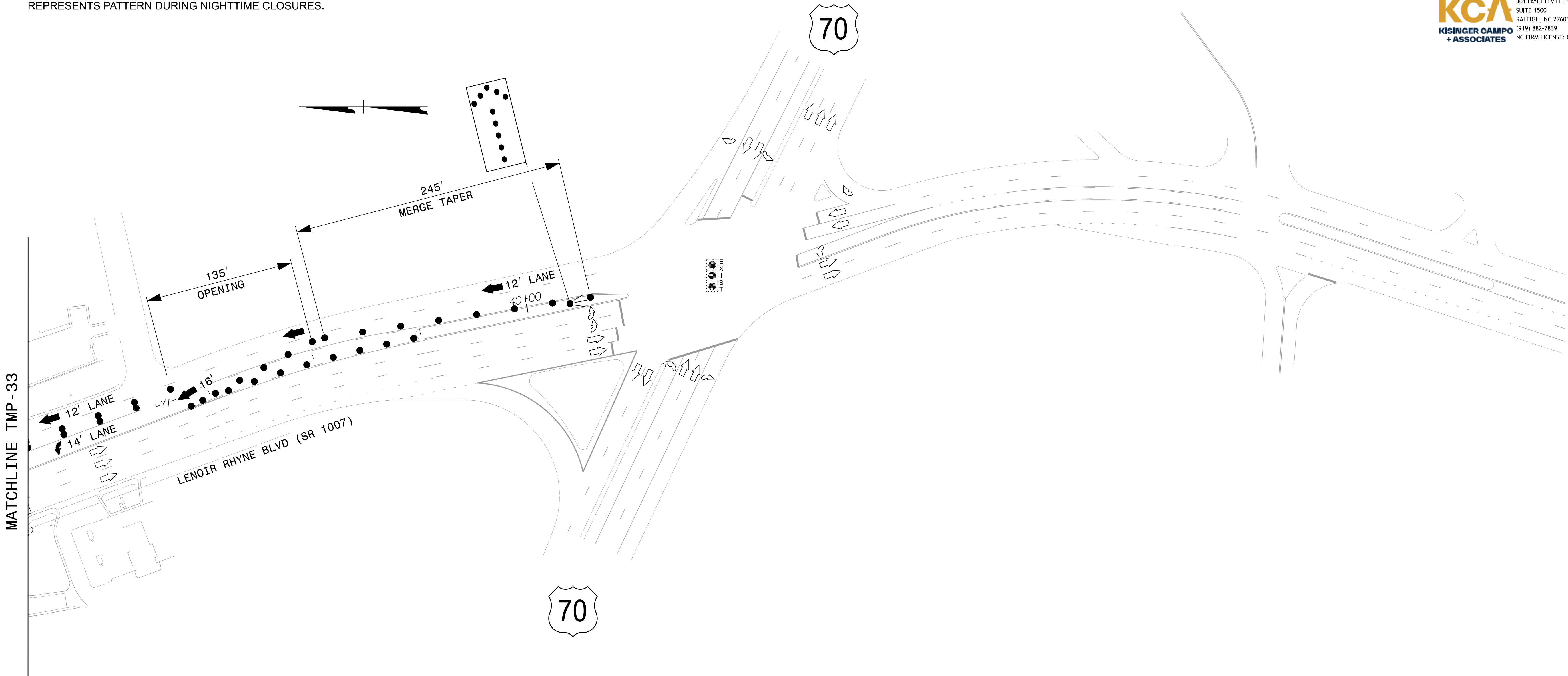


PHASE 7C

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

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+ ASSOCIATES

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1. USE THIS SHEET IN CONJUNCTION WITH TMP-32, TMP-33, AND RSD 1101.02 SHEET 3 OF 19.
2. FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
3. FOR TYPICAL SECTIONS SEE SHEET TMP-37.
4. PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
NORTH SIDE OF THE PROJECT: HARDEE'S PARKING LOT AT THE CORNER OF 11TH AVE BLVD SE AND LENOIR RHYNE BLVD.
SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

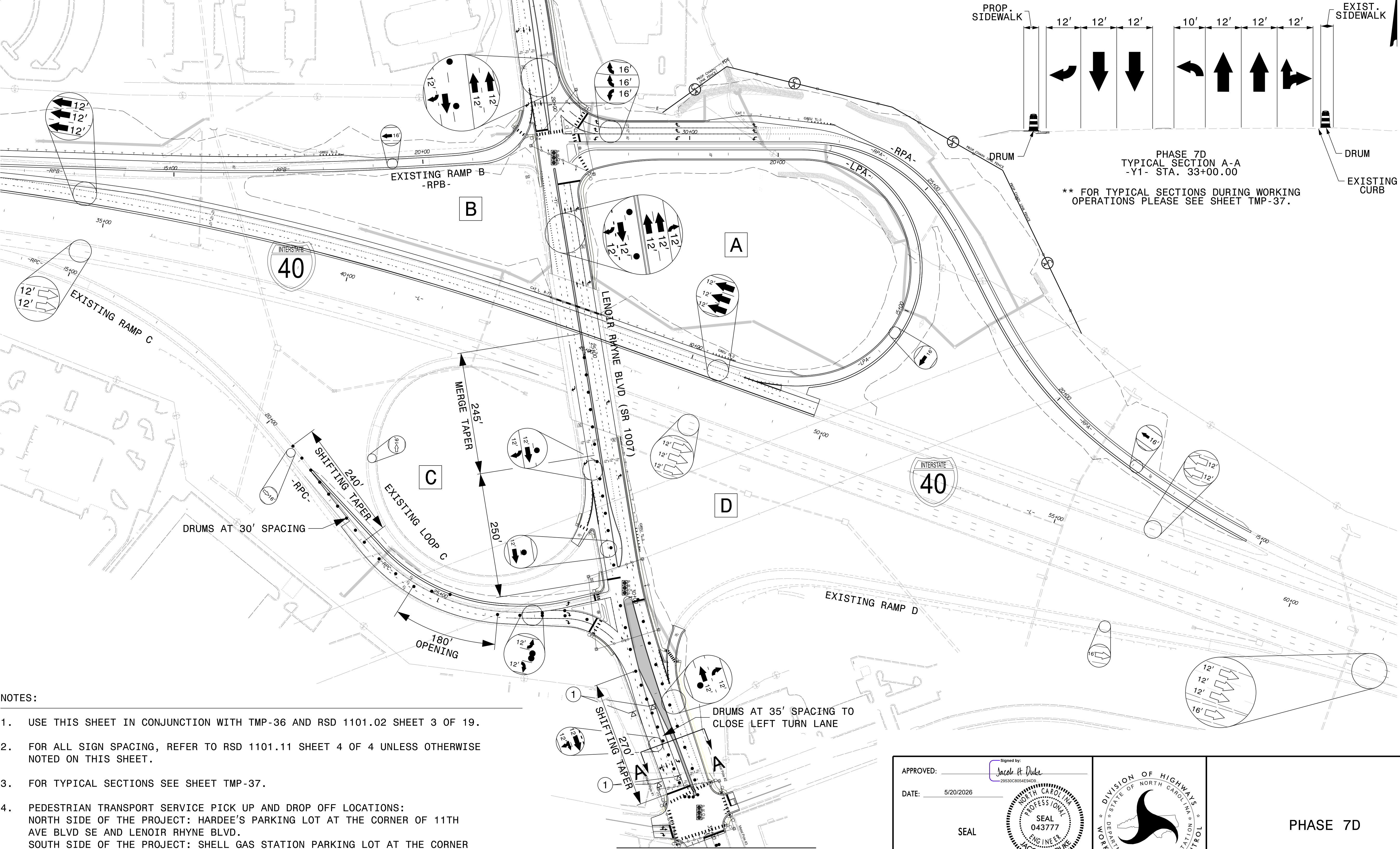
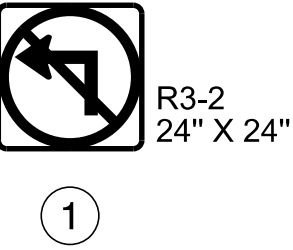
APPROVED: _____ Signed by: <u>Jacob H. Duke</u> 29530C0004544D08 DATE: 5/20/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		PHASE 7C
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NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-35

KCA
KISINGER CAMPO
+ ASSOCIATES
301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
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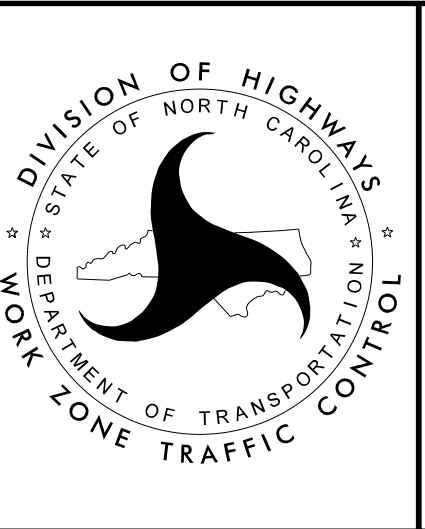


NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-36 AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
- FOR TYPICAL SECTIONS SEE SHEET TMP-37.
- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
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SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

MATCHLINE TMP-36

APPROVED: _____ DATE: 5/20/2026 SEAL	Signed by: <i>Jacob H. Duke</i> 29530C8054E94D9
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PHASE 7D

NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

PROJ. REFERENCE NO.

I-5716

SHEET NO.

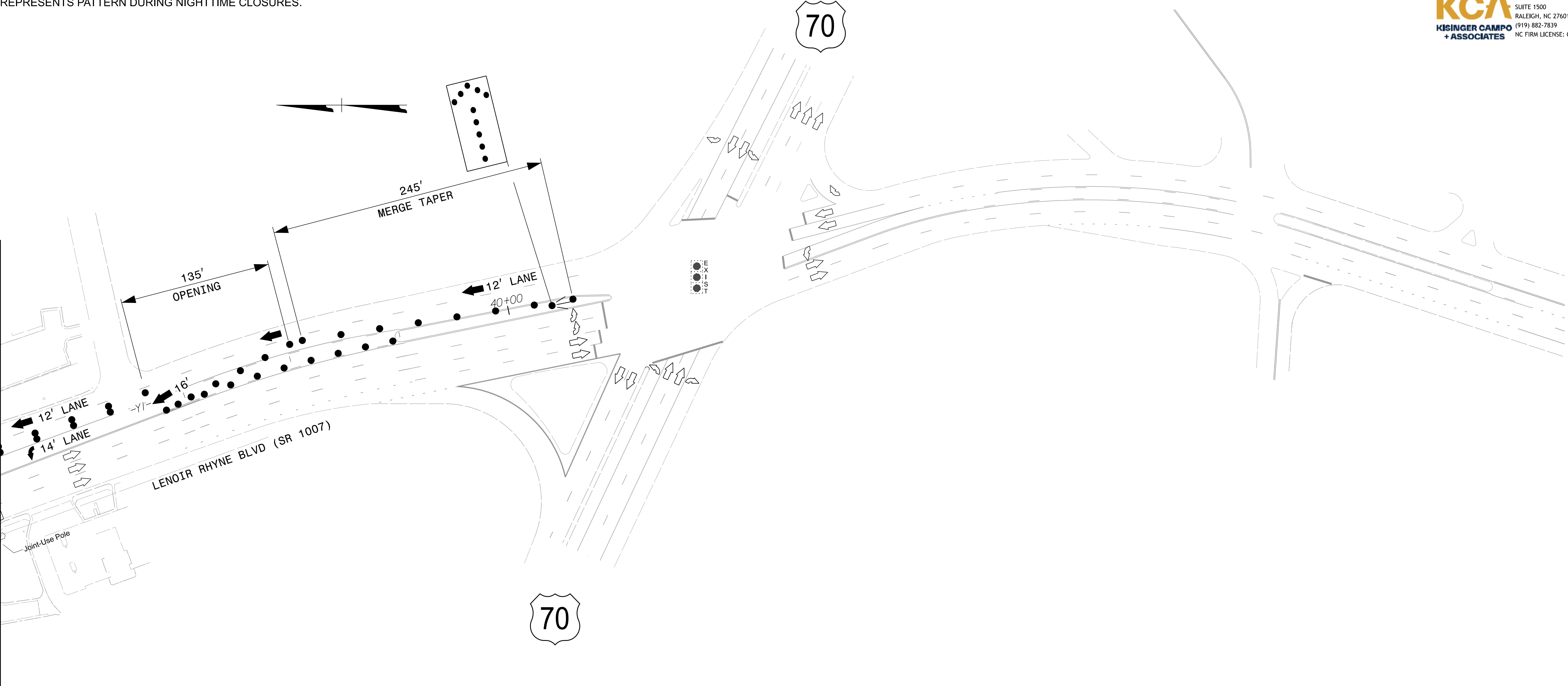
TMP-36

KCA

KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506

MATCHLINE TMP-35



NOTES:

- USE THIS SHEET IN CONJUNCTION WITH TMP-35 AND RSD 1101.02 SHEET 3 OF 19.
- FOR ALL SIGN SPACING, REFER TO RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED ON THIS SHEET.
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- PEDESTRIAN TRANSPORT SERVICE PICK UP AND DROP OFF LOCATIONS:
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SOUTH SIDE OF THE PROJECT: SHELL GAS STATION PARKING LOT AT THE CORNER OF 13TH AVE DR. SE AND LENOIR RHYNE BLVD.

APPROVED: _____

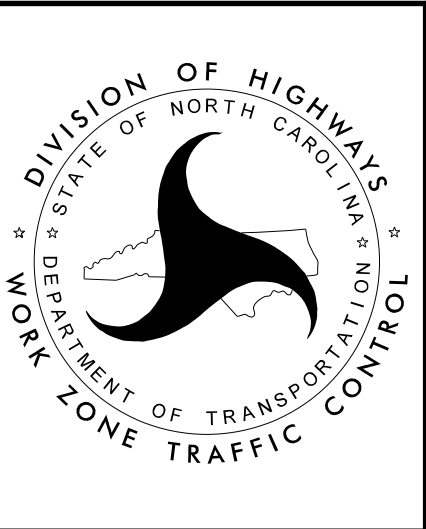
DATE: 5/20/2026

Signed by: *Jacob H. Duke*
29530C8054E94D9

SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER
JACOB H. DUKE
043777

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE 7D

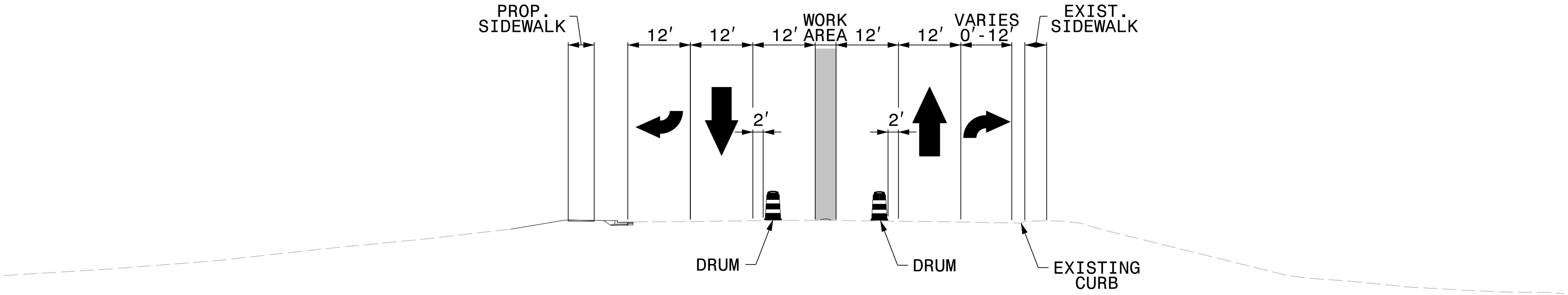
NOTE:

TRAFFIC CONTROL PATTERN SHOWN ON THIS SHEET
REPRESENTS PATTERN DURING NIGHTTIME CLOSURES.

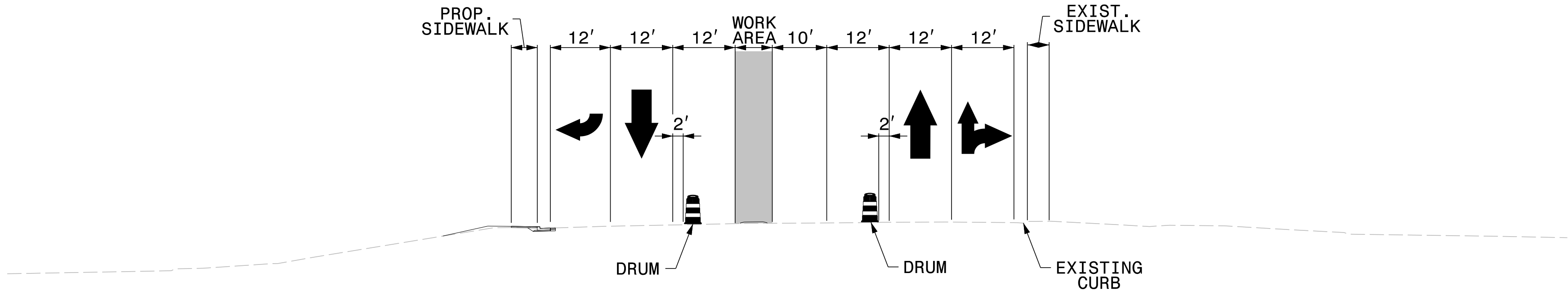
PROJ. REFERENCE NO.	SHEET NO.
I-5716	TMP-37

KCA
KISINGER CAMPO
+ ASSOCIATES

301 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
(919) 882-7839
NC FIRM LICENSE: C-1506



PHASE 7C
TYPICAL SECTION A-A
-Y1- STA. 23+00.00



PHASE 7D
TYPICAL SECTION A-A
-Y1- STA. 33+00.00

5/20/2026
I-5716_TC_TMP_PHASE_7CD_TYP.dgn
User:idebone

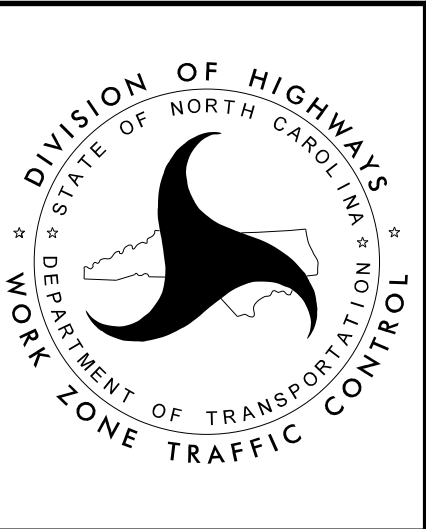
APPROVED: _____

DATE: 5/20/2026

SEAL

Signed by:
Jacob H. Duke
20530CB054E94D9

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UNLESS ALL SIGNATURES COMPLETED**



PHASE 7C & 7D
TYPICAL SECTIONS