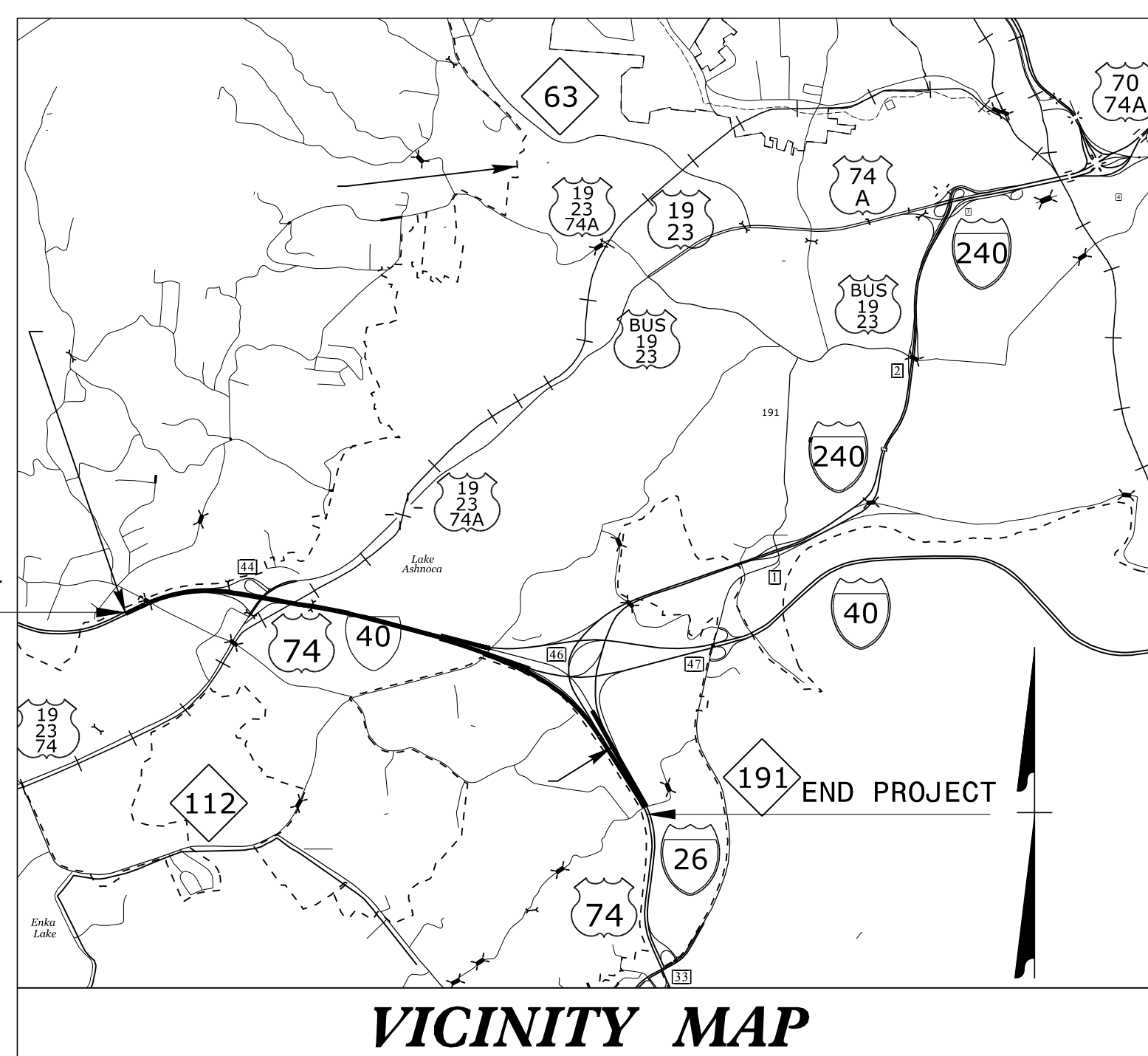
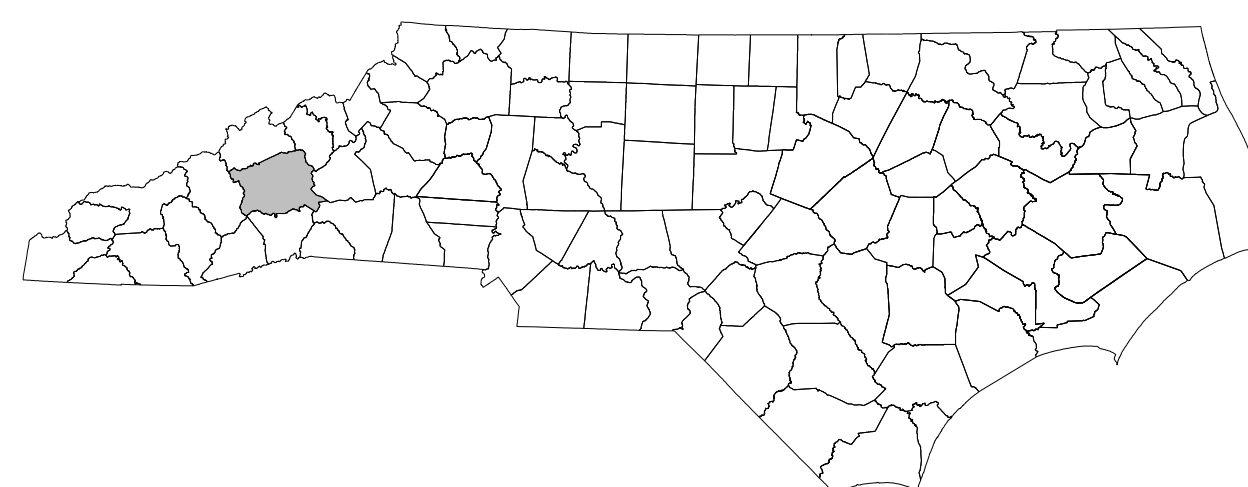


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

BUNCOMBE COUNTY



LOCATION: I-40 FROM EAST OF SR 1224 (MONTE VISTA RD) TO WEST OF SR 3412 (SAND HILL RD) AND I-40 AT I-26 AND US 1923 INTERCHANGES

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, RETAINING WALLS, SOUND WALLS, AND ITS

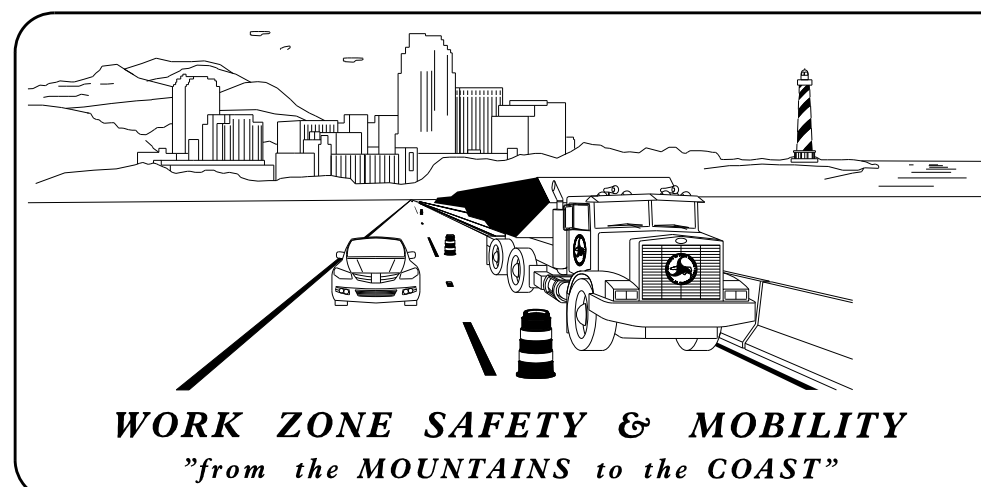
INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B TO 1C	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
TMP-2	WORK ZONE VARIABLE SPEED LIMIT REDUCTION
TMP-2A TO 2F	TEMPORARY SIGN DESIGNS
TMP-3 TO TMP-3B	TEMPORARY TRAFFIC CONTROL PHASING
AREA 1	
TMP-04 TO TMP-07	TEMPORARY TRAFFIC CONTROL PHASE I DETAILS
TMP-08 TO TMP-15A	TEMPORARY TRAFFIC CONTROL PHASE II DETAILS
TMP-16 TO TMP-17	TEMPORARY TRAFFIC CONTROL PHASE II X-VIEWS
TMP-18 TO TMP-24	TEMPORARY TRAFFIC CONTROL PHASE III DETAILS
TMP-25 TO TMP-26	TEMPORARY TRAFFIC CONTROL PHASE III X-VIEWS
TMP-27 TO TMP-30	TEMPORARY TRAFFIC CONTROL PHASE IIIA DETAILS
TMP-31	TEMPORARY TRAFFIC CONTROL PHASE IIIA X-VIEWS
TMP-32 TO TMP-38	TEMPORARY TRAFFIC CONTROL PHASE IV DETAILS
TMP-39 TO TMP-40	TEMPORARY TRAFFIC CONTROL PHASE IV X-VIEWS
TMP-41 TO TMP-47	TEMPORARY TRAFFIC CONTROL PHASE V DETAILS
TMP-48 TO TMP-49	TEMPORARY TRAFFIC CONTROL PHASE V X-VIEWS
TMP-50 TO TMP-56	TEMPORARY TRAFFIC CONTROL PHASE VI DETAILS
AREA 2	
TMP-57 TO TMP-60	TEMPORARY TRAFFIC CONTROL PHASE I DETAILS
TMP-61	TEMPORARY TRAFFIC CONTROL PHASE I X-VIEWS
TMP-62 TO TMP-65	TEMPORARY TRAFFIC CONTROL PHASE II DETAILS
TMP-66	TEMPORARY TRAFFIC CONTROL PHASE II X-VIEWS
TMP-67 TO TMP-70	TEMPORARY TRAFFIC CONTROL PHASE III DETAILS
TMP-71 TO TMP-74	TEMPORARY TRAFFIC CONTROL PHASE IV DETAILS

SHEET NO.
TMP-1

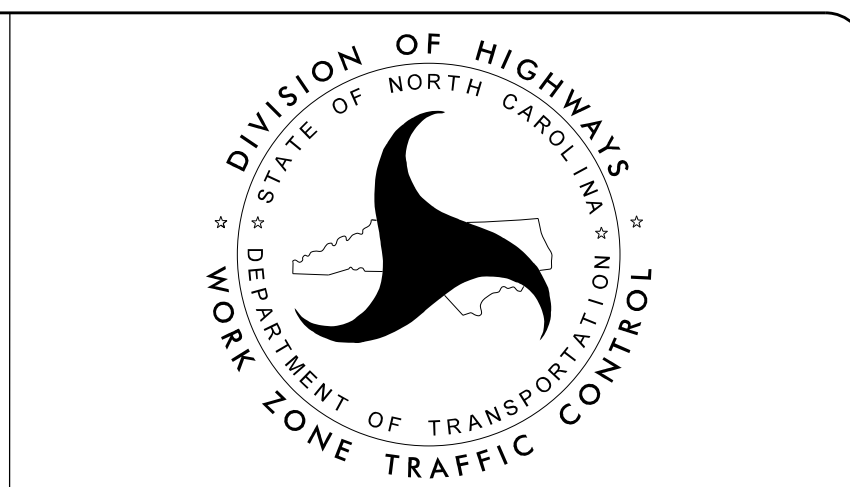
TIP PROJECT: I-25I3A/AAB

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



PLANS PREPARED BY:
 J. S. BOURNE, PE
 CORBIN JACKSON, PE
 ZACHARIAH RIZK

NCDOT CONTACTS:
 ZACHARY CLARK, PE
 PROJECT ENGINEER
 SHEENA GREEN
 PROJECT DESIGN ENGINEER



ICE of Carolinas, PLLC
 ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: *J. Stuart Bourne*
 DATE: 1/9/2024
 SEAL

6:45:02 PM N:\Projects\21-08.01-I-25I3A Work Zone Traffic Control\Traffic\TrafficControl\TCP\ProjectWise\TITLE & LEGEND\I-25I3AA-TMP-1.dgn

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:

<u>STD. NO.</u>	<u>TITLE</u>
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE 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
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
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

LEGEND

GENERAL

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

- NEW CONSTRUCTION AREAS
- TEMPORARY PAVEMENT
- ON-GOING CONSTRUCTION
- MILLING/WEDGING/OVERLAY
- USER DEFINED (IF NEEDED)

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY
- PORTABLE

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

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 SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

<u>TEMPORARY PAVEMENT MARKING</u>	
<u>6" WORK ZONE PERFORMANCE</u>	<u>12" WORK ZONE PERFORMANCE</u>
Z20 WHITE EDGELINE	Z50 WHITE GORELINE
Z21 WHITE SOLID LANE LINE	Z51 WHITE DIAGONAL LINE
Z22 10' WHITE SKIP	
Z23 3FT. -9FT. /WHITE MINI-SKIP	<u>24" WORK ZONE PERFORMANCE</u>
Z30 YELLOW EDGELINE	Z61 WHITE STOP BAR

03 JAN 2024 2:26 PM Projects\2024\01-2513A Work Zone Traffic Control\Traffic Control\CP\ProjectWise\TITLE & LEGEND\I-2513AA_TMP-1A.dgn AT C:\P133

APPROVED: DATE: 1/4/2024			<h2>ROADWAY STANDARD DRAWINGS & LEGEND</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

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 UNDESIRE 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:

SINGLE LANE CLOSURE

ROAD NAME	DAY AND TIME RESTRICTIONS
I-40	MONDAY THROUGH FRIDAY FROM 6:00 AM TO 9:00 PM
I-26	SATURDAY AND SUNDAY FROM 9:00 AM TO 9:00 PM
US 23/74 AND ALL RAMPS/LOOPS	

DOUBLE LANE CLOSURE

ROAD NAME	DAY AND TIME RESTRICTIONS
I-40	MONDAY THROUGH FRIDAY FROM 6:00 AM TO 11:00 PM
I-26	SATURDAY AND SUNDAY FROM 8:00 AM TO 11:00 PM
US 23/74 AND ALL RAMPS/LOOPS	

NOTIFY THE STATEWIDE TRANSPORTATION OPERATIONS CENTER (STOC) WHEN INSTALLING AND REMOVING A LANE ON I-40, I-26, I-240, AND US 23/74.

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

ROAD NAME

I-40 AND I-40 RAMPS
I-26 AND I-26 RAMPS
US 23 AND US 74

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 AM DECEMBER 31st TO 9:00 PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9:00 PM THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 AM THURSDAY AND 9:00 PM MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY TO 9:00 PM TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 AM THE DAY BEFORE INDEPENDENCE DAY AND 9:00 PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY AND 9:00 PM TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 AM TUESDAY TO 9:00 PM MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 PM 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 AND I-40 RAMPS I-26 AND I-26 RAMPS US 23 AND US 74	MONDAY - SUNDAY 6:00 AM - 9:00 PM	30 MINUTES FOR OVERHEAD SIGN STRUCTURE INSTALLATION, SIGNAL INSTALLATION, AND TRAFFIC SHIFT

D) DO NOT CONDUCT SINGLE VEHICLE HAULING AS FOLLOWS; INGRESS AND EGRESS FROM RAMPS WILL BE ALLOWED:

ROAD NAME	DAY AND TIME RESTRICTIONS
I-40	MONDAY - FRIDAY
I-26	6:00 AM - 9:00 AM 4:00 PM - 7:00 PM

E) DO NOT CONDUCT MULTI-VEHICLE HAULING AS FOLLOWS; INGRESS AND EGRESS FROM RAMPS WILL BE ALLOWED:

ROAD NAME	DAY AND TIME RESTRICTIONS
I-40 AND I-26	MONDAY - FRIDAY 6:00 AM - 9:00 PM SATURDAY - SUNDAY 8:00 AM - 9:00 PM

F) 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

- 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.
- 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.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- 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.
- 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.

L) DO NOT INSTALL MORE THAN TWO MILES OF LANE CLOSURE IN ANY ONE DIRECTION ON I-40, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.

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) 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) NOTIFY THE STATEWIDE TRANSPORTATION OPERATIONS CENTER (STOC) PRIOR TO INSTALLING AND REMOVING A LANE CLOSURE ON I-40, I-26, US 23/74

SIGNING

Q) 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.

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

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) IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

03-JAN-2024 22:43 R:\Projects\21-08.01-2513A Work Zone Traffic Control\TrafficControl\CP\ProjectWise\GENERAL NOTES\I-2513AA_TMP-01B.dgn zachor\ah-fzk AT CTFE103

ICE of CAROLINAS, PLLC
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



GENERAL NOTES

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.

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 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
CONCRETE PAVEMENT: I-40 AND RAMPS AND ALL BRIDGE DECKS	PAINT	TEMP RAISED
ASPHALT PAVEMENT: I-40 AND RAMPS I-26 AND RAMPS	HIGH PERFORMANCE MARKINGS	TEMP RAISED
ALL -Y- LINES	PAINT	TEMP 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 5 MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO FINAL SURFACE COURSE PLACE PAINT TO DELINEATE MONOLITHIC ISLANDS

MISCELLANEOUS

EE) LAW ENFORCEMENT WILL BE USED DURING NIGHT TIME LANE CLOSURES ON I-40, I-26 AND ALL RAMPS.

FF) LAW ENFORCEMENT WILL BE USED TO MAINTAIN TRAFFIC THROUGH INTERSECTIONS DURING SIGNAL INSTALLATIONS OR INTERSECTION CONSTRUCTION INCLUDING PAVING OPERATIONS.

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

HH) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

TRAFFIC MANAGEMENT STRATEGIES

THIS PROJECT IS DIVIDED INTO TWO PARTS:

AREA A IS I-40 FROM EAST OF SR 1224 (MONTE VISTA RD) TO PAVEMENT JOINT WEST OF SR 3412 (SAND HILL RD)

AREA B IS I-26 FROM POND ROAD BRIDGE TO I-26/I-40/I-240 INTERCHANGE WHICH INCLUDES INITIAL IMPROVEMENTS AT I-40EB TO I-26EB RAMP AND US 19/23 (SMOKEY PARK HIGHWAY)

THE TRAFFIC MANAGEMENT STRATEGY FOR PART A IS A SERIES OF MULTI-LANE TRAFFIC SHIFTS TO CONSTRUCT THE PROPOSED AND TEMPORARY WESTBOUND WIDENING AND TO REMOVE AND REPLACE THE EXISTING CONCRETE PAVEMENT IN BOTH THE WESTBOUND AND EASTBOUND LANES. IN PHASE III TEMPORARY PAVEMENT IS USED AT RAMPS B, C AND D TO RECONSTRUCT THE GORE AND RAMP PAVEMENT WITHOUT CLOSING THE RAMPS. NO DETOUR IS USED IN THIS TRAFFIC MANAGEMENT PLAN SINCE ALL THE RAMPS ARE MAINTAINED. IN PHASE IV EAST BOUND AND WEST BOUND TRAFFIC ARE SHIFTED TO THE OUTSIDE WIDENING WHERE THE INSIDE LANES ARE RE-CONSTRUCTED. IN PHASE V EASTBOUND TRAFFIC IS CROSSED OVER TO I-40 WESTBOUND SIDE PLACING TRAFFIC IN A 4-LANE 2-WAY TRAFFIC PATTERN WHILE STILL MAINTAINING THE EASTBOUND SMOKEY PARK INTERCHANGE EXIT AND ENTERANCE RAMPS ON THE EASTBOUND SIDE. WHILE IN THIS TRAFFIC PATTERN LANES 2 AND 3 ARE CONSTRUCTED. IN PHASE VI TRAFFIC IS PLACED IN THE PROPOSED TRAFFIC PATTERN, THE OUTSIDE SHOULDERS ARE MILLED, AND THE I-40 CONCRETE PAVEMENT IS MICRO GROOVED WHERE THE FINAL PAVEMENT MARKING IS PLACED.

AREA B BEGINS WITH THE CONSTRUCTION OF THE US 74 RAMP FROM I-40 EASTBOUND TO I-26 EASTBOUND AWAY FROM TRAFFIC. PHASES II AND III ARE A SERIES OF TRAFFIC SHIFTS TO CONSTRUCT THE WIDENING AND FULL DEPTH SHOULDERS OF I-26 WESTBOUND RAMP -RPD- AND RAMP -L1-WB-. IN PHASE IV THE INSIDE SHOULDER OF I-26 WESTBOUND IS COMPLETED AND I-26 AND RAMPS ARE RESURFACED AND THE FINAL PAVEMENT MARKING AND MARKERS ARE PLACED.

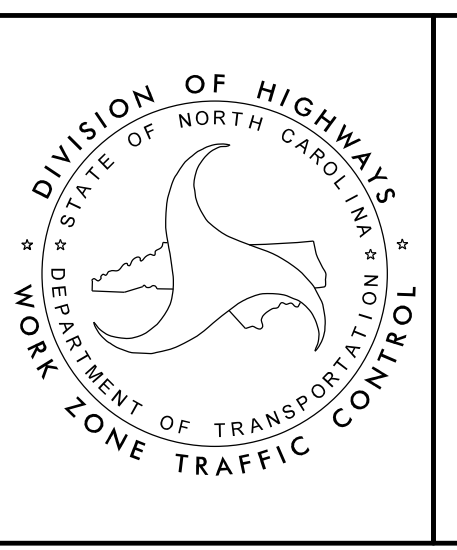
03 JAN 2024 2:40Z
R:\Projects\2024\01-2513A_Work_Zone_Traffic_Control\TrafficControl\CP\ProjectWise\GENERAL NOTES\I-2513AA_TMP-01C.dgn
Z:\gond\m\12k AT CTF5103

ICE of CAROLINAS, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

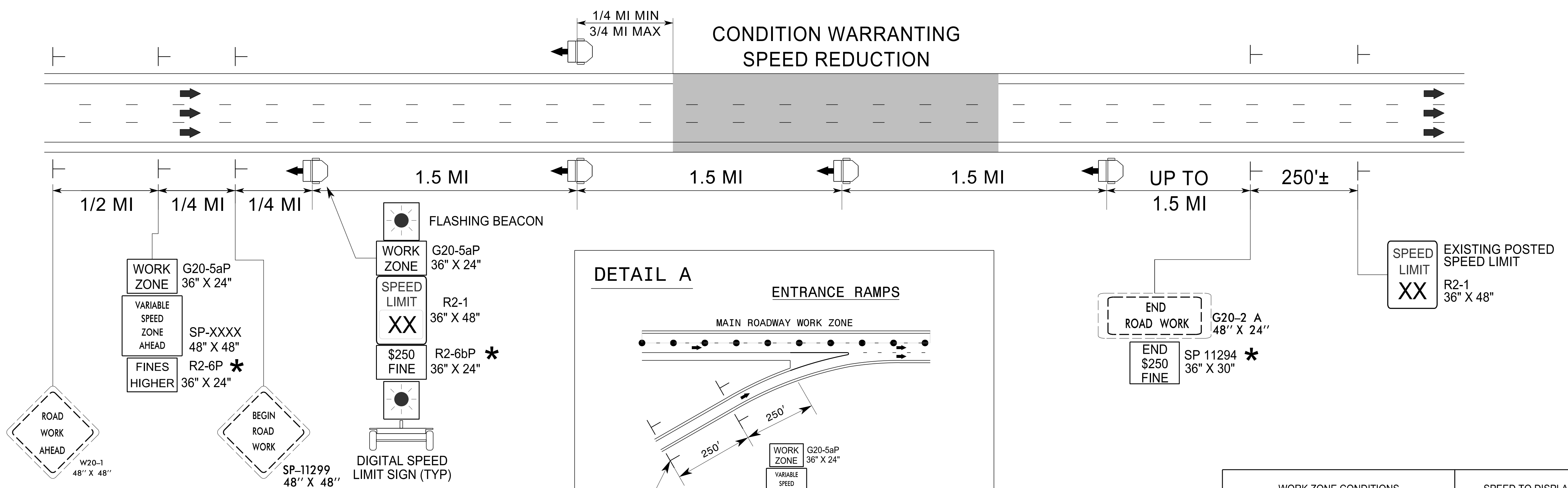
APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



GENERAL NOTES



* USE ONLY IF ORDINANCED. SEE NOTE 5 BELOW.

NOTES

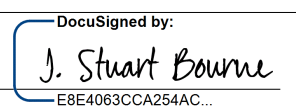
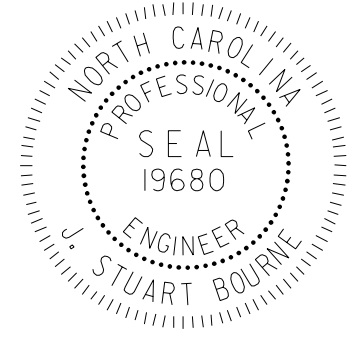
1. THE DIGITAL SPEED LIMITS SIGNS WILL BE INSTALLED (TRAILER MOUNTED OR STATIONARY MOUNTED) IN ADVANCE OF AND SPACED APPROXIMATELY 1.5 MILES THROUGHOUT THE THE PROJECT LIMITS, UNLESS DIRECTED OTHERWISE.
2. WITHIN 1/4 TO 3/4 MILE UPSTREAM OF CONDITION WARRANTING A SPEED REDUCTION, PLACE A DIGITAL SPEED LIMIT SIGN ON BOTH THE INSIDE AND OUTSIDE SHOULDERS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER. AT ALL OTHER LOCATIONS DOWNSTREAM, PLACE A SINGLE DIGITAL SPEED LIMIT SIGN ON THE OUTSIDE SHOULDER.

IF SIGNS ARE NOT HIGHLY VISIBLE TO ALL MOTORISTS, SUPPLEMENTAL DIGITAL SPEED LIMIT SIGNS ARE PERMITTED ON THE MEDIAN SHOULDER.
3. THE DIGITAL SPEED LIMIT SIGNS TAKE PRECEDENCE OVER EXISTING SPEED LIMIT SIGNS AND SHOULD REMAIN UPRIGHT AND VISIBLE AT ALL TIMES. ALL EXISTING SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED FOR DURATION OF THE PROJECT.
4. NCDOT HAS SOLE AUTHORITY OF THE SPEED LIMITS DISPLAYED ON THE DIGITAL SPEED LIMIT SIGNS.
5. THE WORK ZONE VARIABLE SPEED LIMIT AND THE \$250 SPEEDING PENALTY ARE SEPARATE ORDINANCES THAT MUST BE SIGNED BY THE STATE TRAFFIC ENGINEER TO BE VALID AND ENFORCEABLE. WITHOUT SIGNED ORDINANCES, THE SPEED LIMIT ON A FACILITY SHALL REMAIN UNCHANGED AND/OR HIGHER FINES SIGNS SHALL NOT BE USED.
6. THE REDUCED SPEED SHALL BE DISPLAYED A MINIMUM OF 1/4 MILE AND A MAXIMUM OF 3/4 MILE IN ADVANCE OF AND THROUGHOUT THE AREA MEETING CONDITIONS LISTED IN THE CHART. THE EXISTING SPEED LIMIT SHALL BE DISPLAYED ON ALL OTHER DIGITAL SPEED LIMIT SIGNS.
7. THE SPEED DISPLAYED SHALL BE THE LOWER OF THE EXISTING SPEED LIMIT OR THE SPEED IN THE WORK ZONE CONDITION CHART.
8. THE BEACONS ON THE DIGITAL SPEED LIMIT SIGNS SHALL ONLY FLASH DURING TIMES THE SPEED IS REDUCED, AND REMAIN OFF AT ALL OTHER TIMES.

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

12/13/24 PM 12:13:24 PM R:\PROJECTS\21-08.01I-2513A Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\TITLE & LEGEND\2513AA WZVSLR_DSL.dgn

APPROVED: DATE: 1/4/2024 SEAL 		WORK ZONE VARIABLE SPEED LIMIT REDUCTION
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

TIP NO. I-2513A	SHEET NO. TMP 2A
APPROVED:  <small>DocuSigned by: J. Stuart Borne EBE4063CA284AC</small>	
DATE: 1/9/2024 SEAL: 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**TEMPORARY SIGNING PLAN
BUNCOMBE COUNTY**

LOCATION: I-40 FROM EAST OF SR 1224 (MONTE VISTA RD) TO WEST OF SR 3412 (SAND HILL RD) AND I-40 AT I-26 AND US 1923 INTERCHANGES

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
436000000	SP	CONTRACTOR FURNISHED, TEMPORARY GUIDE SIGN (TYPE A AND B) SYSTEM	10	EA.

GENERAL NOTES

- . CONTRACTOR FURNISHED SIGNS
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . SEE TMP FOR POSITIVE PROTECTION DETAILS

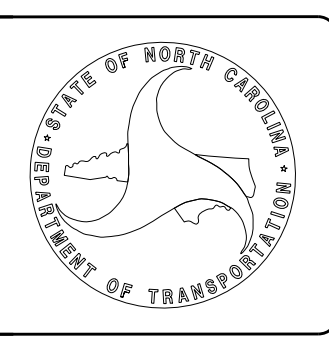
ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" PROJECT SERVICES UNIT - 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
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECOND SIGN MOUNTING

6:24:31 PM R:\Projects\21-08.01 I-2513A Work Zone Traffic Control\Traffic Control\TCP\ProjectWise\TITLE & LEGEND\I2513AA_TMP_SIGN_TITLE.dgn zachary.rizk

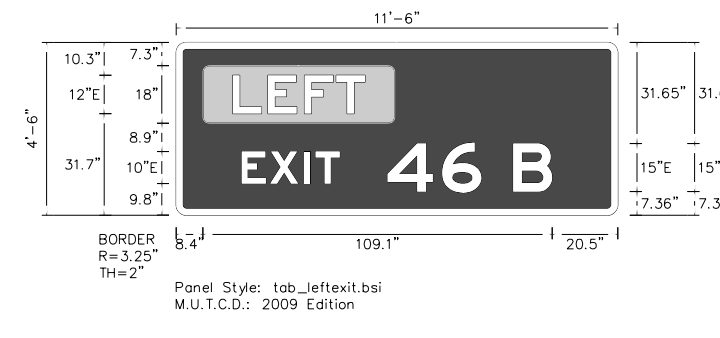
PLANS SUBMITTED TO:
 KELVIN L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
 ERIC WARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLANS PREPARED BY: ICE OF CAROLINAS, PLLC
 STUART BORNE, PE SIGNING PROJECT MANAGER
 CORBIN JACKSON, PE SIGNING PROJECT ENGINEER

ICE of CAROLINAS, PLLC
 ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

SIGN NUMBER: T111, T112 TYPE: B QUANTITY: 2 SIGN WIDTH: 11'-6" HEIGHT: 4'-6" TOTAL AREA: 51.75 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.00" WIDTH: 2" RADII: 3.25" NO. Z BARS: 2 LENGTH: 130	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT LEFT 8.4 28.7 60 18	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
--	---	--

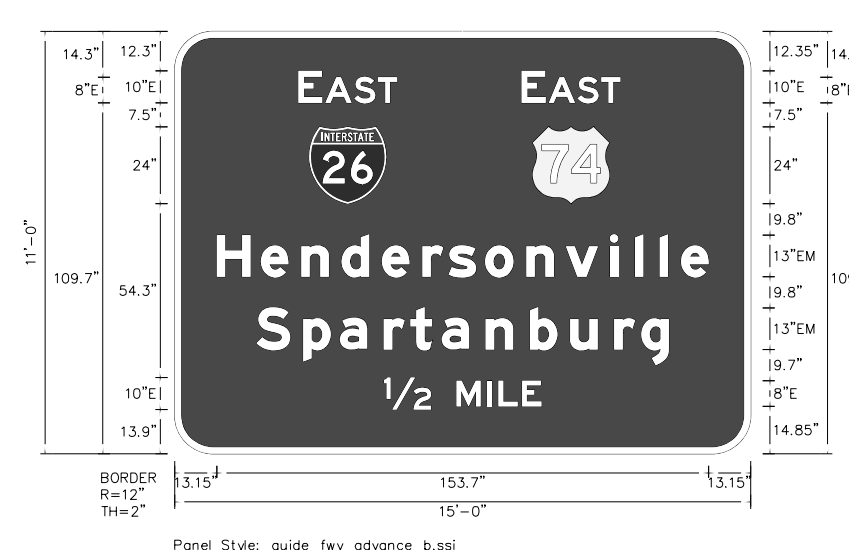


Spacing Factor is 1 unless specified otherwise

Letter positions										
Letter spacings are to start of next letter										
	L	E	F	T						Series/Size Text Length
	17.7	11.0	11.4	10.0	9.0	78.9				E 2000 41.4
		E	X	I	T					E 2000 30.6
	20.5	8.9	10.7	3.5	7.5	86.9				E 2000 51.4
		4	6	B						
	66.1	17.1	12.2	10.0	12.2	20.5				

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: T113 TYPE: A QUANTITY: 1 SIGN WIDTH: 15'-0" HEIGHT: 11'-0" TOTAL AREA: 165 Sq.Ft. BORDER TYPE: FLUSH RECESS: 00.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 4 LENGTH: 172	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_1 42.1 78.2 24 24 M1_4 111.8 78.2 24 24	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
--	---	--




Spacing Factor is 1 unless specified otherwise

Letter positions																	
Letter spacings are to start of next letter																	
	E	A	S	T						Series/Size Text Length							
	38.6	7.5	9.0	7.4	6.0	110.5				E 2000 30.9							
		E	A	S	T					E 2000 30.9							
	108.4	7.5	9.0	7.4	6.0	40.7				E 2000 128.8							
		H	e	n	d	e	r	s	o	n	v	i	l	e		EM 2000 153.7	
	13.2	13.8	12.6	12.6	12.6	8.2	11.4	12.9	12.3	13.8	7.8	7.8	6.6	8.6	13.2		
		S	p	a	r	t	a	n	b	u	r	g					EM 2000 128.8
	25.6	14.6	11.4	13.8	8.3	9.8	13.8	12.6	13.8	8.5	8.6	25.6				E 2000 49.0	
		1/2	M	I	L	E											
	65.5	14.7	8.0	9.6	3.5	7.4	6	65.6									

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: T114 TYPE: A QUANTITY: 1 SIGN WIDTH: 15'-0" HEIGHT: 11'-0" TOTAL AREA: 165 Sq.Ft. BORDER TYPE: FLUSH RECESS: 00.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 4 LENGTH: 172	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_1 42.1 78.2 24 24 M1_4 111.8 78.2 24 24	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
--	---	--




Spacing Factor is 1 unless specified otherwise

Letter positions																	
Letter spacings are to start of next letter																	
	E	A	S	T						Series/Size Text Length							
	38.6	7.5	9.0	7.4	6.0	110.5				B 2000 30.9							
		E	A	S	T					E 2000 30.9							
	108.4	7.5	9.0	7.4	6.0	40.7				E 2000 128.8							
		H	e	n	d	e	r	s	o	n	v	i	l	e		EM 2000 153.7	
	13.2	13.8	12.6	12.6	12.6	8.2	11.4	12.9	12.3	13.8	7.8	7.8	6.6	8.6	13.2		
		S	p	a	r	t	a	n	b	u	r	g					EM 2000 128.8
	25.4	14.6	11.4	13.8	8.3	9.8	13.8	12.6	13.8	8.5	8.6	25.6				E 2000 49.0	
		1	M	I	L	E											
	70.3	3.0	10.0	9.6	3.5	7.4	6	70.3									

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: T115 TYPE: A QUANTITY: 1 SIGN WIDTH: 14'-0" HEIGHT: 13'-0" TOTAL AREA: 182 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 5 LENGTH: 160	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_1 36.4 104.2 24 24 M1_1 101.9 104.2 30 24	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
---	---	--



Spacing Factor is 1 unless specified otherwise

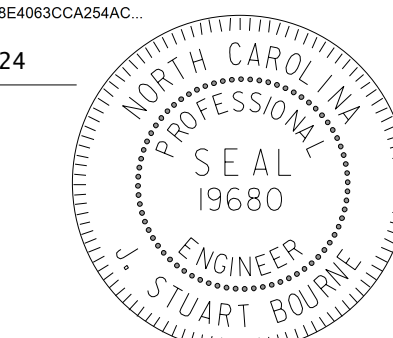

Letter positions																
Letter spacings are to start of next letter																
	W	E	S	T						Series/Size Text Length						
	31.8	10.6	7.1	7.4	6.0	103.6				E 2000 32.5						
		A	s	h	e	v	i	l	e		EM 2000 95.8					
	36.1	14.8	12.6	12.6	11.2	13.8	7.8	7.8	6.6	8.6	36.1					
		J	o	h	n	s	o	n	C	i	t	y				EM 2000 139.2
	14.4	13.1	12.9	13.8	12.3	11.4	12.9	8.6	13	14.2	6.5	9.5	111.1	14.4		
		3/4	M	I	L	E										E 2000 51.0
	51.6	16.6	8.0	9.6	3.5	7.4	6	65.2								E 2000 159.4
		L	E	F	T	L	A	N	E	O	N	L	Y			
	4.3	11.0	11.4	10.0	9.0	12.0	10.0	14.3	12.8	9.0	12.0	12.8	12.8	10.0	12.2	4.3

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

5:05:34 PM R:\Projects\21-08-01-2513A Work Zone Traffic Control\TrafficControl\TDCP\ProjectWise\TITLE & LEGEND\I2513AA_TMP-2 (signs).dgn Corbin, Jackson

APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

SEAL

TEMPORARY SIGNS

SIGN NUMBER: T116 TYPE: A QUANTITY: 1 SIGN WIDTH: 14'-0" HEIGHT: 13'-0" TOTAL AREA: 182 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 5 LENGTH: 160	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_1 36.1 103.4 24 24 M1_1 101.9 103.4 30 24 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
---	--	--

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	32.5
EM 2000	95.8
EM 2000	139.2
E 2000	64.7
E 2000	159.4

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: T117 TYPE: A QUANTITY: 1 SIGN WIDTH: 14'-6" HEIGHT: 12'-0" TOTAL AREA: 181.25 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 5 LENGTH: 166	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_4 53.0 116.5 24 24 M1_4 97.0 116.5 24 24 AR_Type A 75.3 37.5 23.5 23.5 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
--	--	--

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	122.6
EM 2000	146.4
E 2000	168.2

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: T118 TYPE: A QUANTITY: 1 SIGN WIDTH: 14' HEIGHT: 9' TOTAL AREA: 126 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 3 LENGTH: 160	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_4 46.5 72 24 24 M1_4 97.5 72 24 24 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
--	---	--

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	122.6
EM 2000	146.4
E 2000	49.0

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: T119 TYPE: A QUANTITY: 1 SIGN WIDTH: 14' HEIGHT: 10' TOTAL AREA: 140 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.00" WIDTH: 2.00" RADII: 12.00" NO. Z BARS: 4 LENGTH: 160	BACKG COLOR: GREEN COPY COLOR: WHITE SYMBOL X Y WID HT M1_4 45.2 85.2 24 24 M1_4 96.3 85.2 24 24 AR_Type A 72.2 6.3 23.5 23.5 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: CCJ PROJECT ID: I2513AA CHECKED BY: DIV: 14 DATE: Aug 23, 2023
---	---	--

Spacing Factor is 1 unless specified otherwise

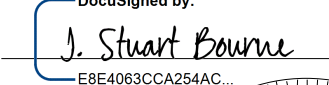
LETTER POSITIONS

Letter spacings are to start of next letter

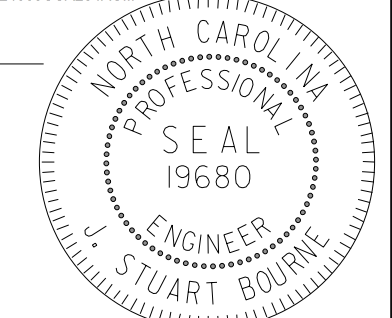

Series/Size	Text Length
EM 2000	122.6
EM 2000	146.4

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

5:05:35 PM R:\Projects\21-08-01-2513A Work Zone Traffic Control\TrafficControl\TDCP\ProjectWise\TITLE & LEGEND\I2513AA_TMP-2 (signs).dgn Corbin, Jackson

APPROVED: 
DATE: 1/4/2024

SEAL

TEMPORARY SIGNS

SIGN NUMBER: T120 BACKG COLOR: GREEN
 TYPE: A COPY COLOR: WHITE
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_4	46.5	72	24	24
M1_4	97.5	72	24	24

SIGN WIDTH: 14'
 HEIGHT: 9'
 TOTAL AREA: 126 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0.00"
 WIDTH: 2.00"
 RADII: 12.00"

NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 160

DESIGN BY: CCJ CHECKED BY:
 PROJECT ID: I2513AA DIV: 14 DATE: Aug 23, 2023

Panel Style: guide_key_advance_b.ssi
 MULTICID: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	Series/Size	Text Length
W	EM 2000	12.6
A	EM 2000	12.6
s	EM 2000	11.2
h	EM 2000	13.8
e	EM 2000	7.8
v	EM 2000	6.6
i	EM 2000	8.6
l	EM 2000	22.7
l	EM 2000	22.7
e	EM 2000	12.6
E	EM 2000	10.8
n	EM 2000	13.1
k	EM 2000	11.4
a	EM 2000	4.5
-	EM 2000	13
C	EM 2000	13.8
a	EM 2000	12.6
n	EM 2000	13.8
d	EM 2000	6.6
l	EM 2000	12.6
e	EM 2000	6.5
r	EM 2000	10.8
M	E 2000	64.3
I	E 2000	3.0
L	E 2000	10.0
E	E 2000	9.6
E	E 2000	3.5
L	E 2000	7.4
E	E 2000	6
E	E 2000	64.4

FILENAME: BEGIN ROAD WORK2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP11294 BACKG COLOR: White
 TYPE: E COPY COLOR: Black
 QUANTITY: SEE PLANS

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 7.5 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.5"
 WIDTH: 0.75"
 RADII: 1.88"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

DESIGN BY: cwj CHECKED BY: C. Howard
 PROJECT ID: ALL DIV: ALL DATE: Jul 26, 2011

BORDER
 R=1.88"
 TH=0.75"
 IN=0.5"

1. Legend and border shall be black.
 2. Background shall be Grade C white reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	Series/Size	Text Length
E	D 2000	10.8
N	D 2000	4.7
D	D 2000	5.5
\$	D 2000	4.1
2	D 2000	10.8
5	D 2000	8.1
0	D 2000	5.3
F	D 2000	8.1
I	D 2000	5.3
N	D 2000	4.3
E	D 2000	8.1
F	D 2000	9.9
I	D 2000	4.6
N	D 2000	2.4
E	D 2000	5.5
F	D 2000	3.7
I	D 2000	9.9

FILENAME: END \$250 FINE NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 11299 BACKG COLOR: Fluorescent Orange
 TYPE: B COPY COLOR: Black
 QUANTITY: SEE PLANS

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 5'-6"
 HEIGHT: 5'-6"
 TOTAL AREA: 30.5 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.59"
 WIDTH: 0.75"
 RADII: 1.38"

NO. Z BARS: N/A MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: N/A

DESIGN BY: WJ CHECKED BY:
 PROJECT ID: ALL DIV: ALL DATE: Jun 22, 2011

BORDER
 R=1.38"
 TH=0.75"
 IN=0.59"

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	Series/Size	Text Length
B	D 2000	20.5
E	D 2000	6
G	D 2000	5.4
I	D 2000	6.3
N	D 2000	2.8
R	D 2000	4.8
R	D 2000	20.5
O	D 2000	21.4
A	D 2000	5.8
D	D 2000	5.9
W	D 2000	7
O	D 2000	4.8
R	D 2000	21.4
W	D 2000	20.9
O	D 2000	7.1
R	D 2000	6.5
K	D 2000	5.9
K	D 2000	4.9
W	D 2000	20.9

FILENAME: SP11299.PDF NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: WZTC BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: Black
 QUANTITY: SEE PLANS

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 4'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 16.0 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.47"
 WIDTH: 0.63"
 RADII: 1.5"

NO. Z BARS: 2 MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH: 40.0

DESIGN BY: J.Navarrete CHECKED BY:
 PROJECT ID: LOCATION: May 13, 2019
 DIV: DIV

BORDER
 R=1.5"
 TH=0.63"
 IN=0.47"

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	Series/Size	Text Length
V	D 2000	5.4
A	D 2000	4.9
R	D 2000	6
I	D 2000	5.1
A	D 2000	1.9
B	D 2000	6
L	D 2000	5.1
E	D 2000	4.6
S	D 2000	3.7
P	D 2000	5.3
E	D 2000	12.2
E	D 2000	5.1
D	D 2000	5
Z	D 2000	4.7
O	D 2000	4.7
N	D 2000	4.1
E	D 2000	12.1
Z	D 2000	14.2
O	D 2000	5
N	D 2000	5.6
E	D 2000	5.5
A	D 2000	3.7
A	D 2000	14
A	D 2000	11.2
H	D 2000	6
E	D 2000	5.5
A	D 2000	4.2
D	D 2000	6
A	D 2000	4.1
D	D 2000	11

FILENAME: Special Signs 7 NORTH CAROLINA D.O.T. SIGN DETAIL

5:05:37 PM R:\Projects\21-08-01-2513A Work Zone Traffic Control\TrafficControl\TCP\ProjectWise\TITLE & LEGEND\I2513AA_TMP-2 (signs).dgn Corbin, Jackson

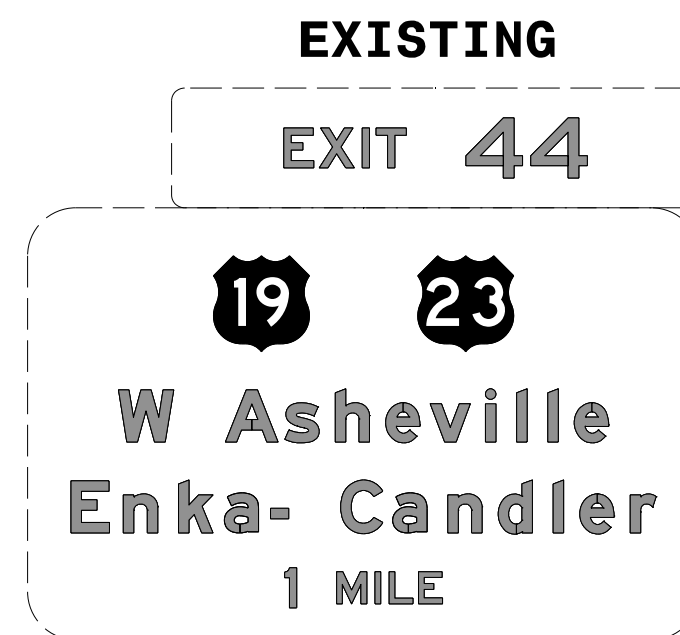
APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

SEAL

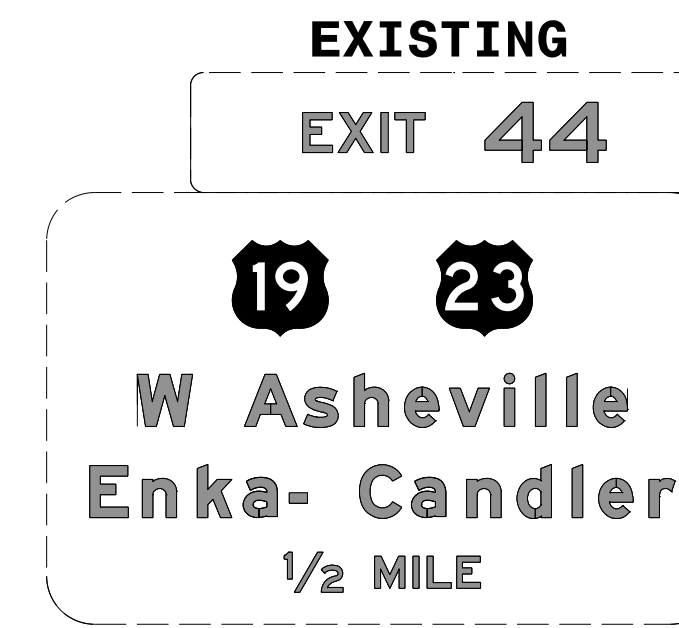
TEMPORARY SIGNS

I-40 WB EXIT 44 SIGN PHASING

PROJ. REFERENCE NO.	SHEET NO.
I-2513AA/AB	TMP 2F

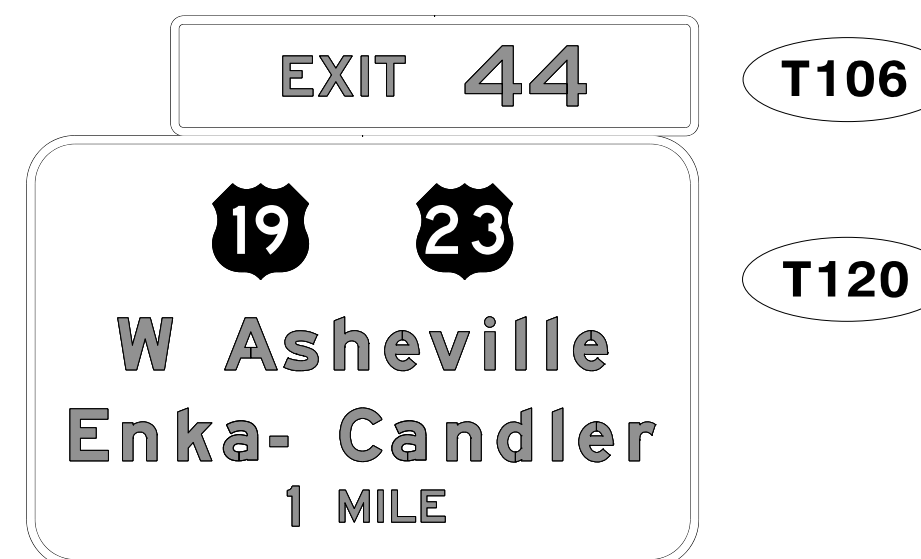


NOTES:
 PHASE III COVER SIGN
 PHASE IIIA REMAIN COVERED
 PHASE IV UNCOVER
 PHASE V COVER SIGN
 PHASE VI UNCOVER SIGN



NOTES:
 PHASE III COVER SIGN
 PHASE IIIA REMAIN COVERED
 PHAVE IV UNCOVER
 PHASE V COVER
 PHASE VI UNCOVER

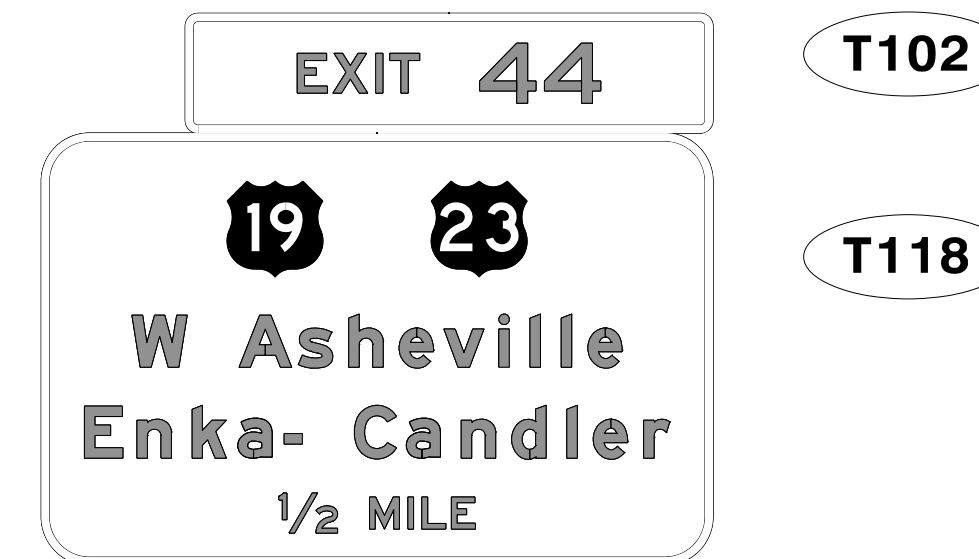
TEMPORARY GUIDE SIGN



**LOCATION: 1/2 MILE AHEAD OF
 TEMP GUIDE SIGN T118
 USE POSITIVE PROTECTION FOR SIGN**

NOTES:
 PHASE II INSTALL & COVER SIGN
 PHASE III UNCOVER SIGN
 PHASE IIIA REMAIN IN USE
 PHASE IV COVER
 PHASE V UNCOVER
 PHASE VI REMOVE SIGN

TEMPORARY GUIDE SIGN



**LOCATION: 1/2 MILE AHEAD OF
 TEMP GUIDE SIGN T119
 USE POSITIVE PROTECTION FOR SIGN**

NOTES:
 PHASE II INSTALL & COVER SIGN
 PHASE III UNCOVER SIGN
 PHASE IIIA REMAIN IN USE
 PHASE IV COVER
 PHASE V UNCOVER
 PHASE VI REMOVE SIGN

5:06:24 PM R:\Projects\21-08-01-2513A Work Zone Traffic Control\TrafficControl\TCP\ProjectWise\Signing\I-2513AA-TMP-Undecided.dgn

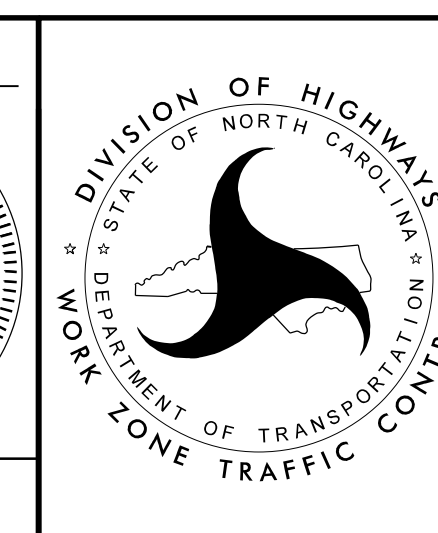


ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: J. Stuart Bourne
DocuSigned by: J. Stuart Bourne
 DATE: 1/4/2024

SEAL

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



**SIGN
 PHASING**

THIS PROJECT IS DIVIDED INTO 2 AREAS. AREA 1 IS THE PORTION OF I-40 FROM THE BEGINNING OF THE PROJECT TO THE RAMP ACCESSING I-26 EB.

AREA 2 IS THE I-26 RAMP CONSTRUCTION /IMPROVEMENTS FOR ACCESSING I-40 EB/I-26 WB AND I-26 EB AS SHOWN IN THE TMP. BEGINNING AT STA 24+25 +/- AND ENDING AT STA 42+25 +/- (SEE TMP-57 & 60)

THESE AREAS CAN BE WORKED CONCURRENTLY OR INDEPENDENTLY AS PHASED BELOW AND AS SHOWN IN THE TMP DETAIL SHEETS.

AREA 1- PHASE I

STEP 1

INSTALL STATIONARY ADVANCE WORK ZONE WARNING SIGNS PER RDWY STANDARD DRAWING NO. 1101.01, SHEET 1. (SEE SPECIAL PROVISIONS FOR HIGH VISIBILITY DEVICES)

STEP 2

USING RDWY STANDARD 1101.02, SHEET 4, INSTALL PCB ON EXISTING I-40 WB SHOULDER FROM -Y- STA 56+20+/- TO -Y- WB- STA 17+50+/- . (SEE TMP- 04 THRU TMP-07 & SPECIAL PROVISIONS FOR HIGH VISIBILITY DEVICES AND LANE CLOSURE DEVICES FOR ALL LANE CLOSURES)

STEP 3

BEHIND PCB, BEGIN CONSTRUCTION ON THE PROPOSED BRIDGE OVER RAILROAD AND -Y5RPA- FROM STA 10+00+/- TO 27+49+/- AND I-40 WIDENING TO -Y- WB- STA 16+45+/- AS SHOWN ON SHEETS TMP-04 THRU TMP-07.

AREA 1- PHASE II

STEP 1

USING RDWY STD 1101.02, SHEET 4, MILL/REMOVE THE EXISTING I-40 WB/EB MEDIAN RUMBLE STRIPS AND PAVE TO THE EXISTING SHOULDER ELEVATION FROM -Y- STA 18+75+/- TO 92+00+/- . AT THE END OF EACH WORK PERIOD, RETURN TRAFFIC TO THEIR EXISTING PATTERNS.

STEP 2

THE CONTRACTOR SHALL SELECT A DIRECTION OF I-40 TRAFFIC TO SHIFT AND WORK IN A CONTINUOUS MANNER TO COMPLETE THE TRAFFIC SHIFT INTO THE MEDIAN. IN THE EVENT THE ENTIRE SHIFT CAN NOT BE MADE IN ONE WORK PERIOD, THE CONTRACTOR SHALL TIE BACK TO THE EXISTING MARKINGS AND REOPEN TO TRAFFIC.

USING RDWY STANDARD DRAWING 1101.02 SHEETS 8 & 9 AND LAW ENFORCEMENT ASSISTANCE, REMOVE CONFLICTING PAVEMENT MARKINGS AND INSTALL THE REVISED PAVEMENT MARKINGS AS SHOWN ON TMP-8 THRU 17 AND SHIFT I-40 EB AND WB TRAFFIC 6' TO THE MEDIAN (SEE TMP-8 THRU 17)

USING RDWY STANDARD DRAWING 1101.02, SHEETS 10 & 11 INSTALL REVISED PAVEMENT MARKING ON LOOP *B* AND RAMPS *B*,*C* AND *D* AS SHOWN ON TMP-9 THRU 11.

STEP 3

USING ROADWAY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ALONG THE OUTSIDE TRAVEL LANES ON EB AND WB I-40 AS SHOWN ON TMP-8 THRU TMP-17.

STEP 4

COMPLETE WIDENING, RAMP -Y5- RAMP A* AND PROPOSED BRIDGE TO SMOKEY PARK HIGHWAY. (SEE TMP-11 THRU 14)

CONSTRUCT I-40 (-Y-) WB AND EB TO INCLUDE THE 10' WB TEMPORARY PAVEMENT, EXISTING OUTSIDE CONCRETE LANE AND SHOULDER. (SEE SHEETS TMP-8 THRU TMP-17)

I-2513AA/AB PHASING

AREA 1-PHASE III

STEP 1

INSTALL AND COVER TEMPORARY GUIDE SIGNS FOR PROPOSED RAMP *A*

INSTALL TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF PROPOSED RAMP *A* AND SMOKEY PARK HIGHWAY

STEP 2

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE PCB ALONG PROPOSED RAMP *A* FROM -Y- STA 18+75 +/- TO STA 23+53 +/- AND FROM STA 63+50 +/- TO -Y_WB- STA 19+77 AND REPLACE WITH DRUMS. INSTALL PAVEMENT MARKINGS AS SHOWN ON TMP-21 & 22 FOR THE OPENING OF PROPOSED RAMP *A*.

STEP 3

UNCOVER THE TEMPORARY GUIDE SIGNS, ACTIVATE THE TEMPORARY TRAFFIC SIGNALS AND USING LAW ENFORCEMENT ASSISTANCE, OPEN PROPOSED RAMP *A* TO TRAFFIC AS SHOWN ON TMP-21 & 22.

STEP 4

USING TYPE 3 BARRICADES, CLOSE EXISTING LOOP *B* TO TRAFFIC. (SEE TMP-20) COVER OR REMOVE THE EXISTNG GUIDE SIGN FOR THE LOOP *B* EXIT

NOTE: THE WORK DESCRIBED BELOW INVOLVING THE RAMP / GORE CONSTRUCTION OF RAMPS *B*, *C*, AND *D* CAN BE DONE INDEPENDENTLY OR CONCURRENTLY AND IN ANY ORDER.

RAMP B CONSTRUCTION

STEP 5: SHALL BE COMPLETED IN 1 WORK PERIOD

USING LAW ENFORCEMENT AT RAMP *B* TERMINAL TO CLOSE RAMP **B TO TRAFFIC, INSTALL PAVEMENT MARKINGS AND PCB AS SHOWN ON TMP-18 THRU 20. REOPEN RAMP *B* TO REVISED TRAFFIC PATTERN AS SHOWN ON TMP-18 THRU 20.

STEP 6

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL / RESET PCB ON WB I-40 FROM STA 23+53 +/- TO STA 63+50 +/- AS SHOWN ON TMP-19 THRU TMP-22.

STEP 7

BEHIND PCB, CONSTRUCT RAMP B GORE AND OUTSIDE WB 12' CONCRETE LANE FROM -Y- STA 23+53+/- TO STA 35+50+/- AND FROM STA 42+50 +/- TO STA 54+00 +/- (SEE SHEET TMP-19 AND TMP-20)

RAMP *C* CONSTRUCTION

STEP 8

USING RDWY STANDARD DRAWNG 1101.02, SHEET 4, ON I-40 EB, REMOVE PCB FROM STA 17+75 +/- TO STA 38+40 +/-

STEP 9

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL RAMP *C* PAVEMENT MARKINGS AS SHOWN ON TMP-18 & 19 AND SHIFT RAMP *C* TRAFFIC INTO THE PATTERN AS SHOWN ON TMP-18 & 19

STEP 10

USING RDWY STANDARD DWG 1101.02, SHEET 12, CLOSE RAMP *C* AND INSTALL PCB FROM STA 18+15 +/- TO STA 38+40 +/-

USING RDWY STANDARD DWG 1101.02, SHEET 4, INSTALL PCB ON I-40 EB FROM STA 24+35 +/- TO STA 36+00.

STEP 11

BEHIND PCB, CONSTRUCT RAMP *C* GORE AND OUTSIDE EB 12' CONCRETE LANE FROM -Y- STA 26+15+/- TO STA 35+80+/- . SEE SHEET TMP-19 AND TMP-20.

RAMP *D* CONSTRUCTION

STEP 12:

USING RDWY STANDARD DRAWING 1101.02 SHEET 4, REMOVE PCB ON I-40 EB FROM -Y- STA 65+00 TO 73+75 +/- AS SHOWN ON SHEET TMP-22

STEP 13: SHALL BE COMPLETED IN 1 WORK PERIOD

USING LAW ENFORCEMENT AT RAMP D TERMINAL TO CLOSE RAMP *D* TO TRAFFIC, INSTALL REVISED PAVEMENT MARKINGS AND PCB AS SHOWN ON TMP-21 & 22. REOPEN RAMP *D* TO REVISED TRAFFIC PATTERN AS SHOWN ON TMP-21 & 22.

STEP 14

USING RDWY STANDARD DRAWING 1101.02 SHEET 4, INSTALL PCB ON I-40 EB FROM STA 49+50+/- TO STA 65+00+/- AS SHOWN ON SHEET TMP-21 & TMP-22.

STEP 15

BEHIND PCB, CONSTRUCT RAMP *D* GORE AND OUTSIDE EB 12' CONCRETE LANE FROM STA 49+50+/- TO STA 65+00+/- . SEE SHEET TMP-21 & TMP-22.

AREA 1-PHASE IIIA

RAMP *D* CONSTRUCTION

STEP 1

USING RDWY STANDARD DRAWING 1101.02, REMOVE PCB ON I-40 EB FROM -Y- STA 49+50+/- TO -Y_EB- STA 15+15+/- AND FROM I-40 EB STA 55+65+/- TO STA 65+00. (SEE SHEET TCP-27)

STEP 2: SHALL BE COMPLETED IN 1 WORK PERIOD

USE LAW ENFORCEMENT AT RAMP *D* TERMINAL, CLOSE RAMP *D* TO TRAFFIC, INSTALL REVISED PAVEMENT MARKINGS AND PCB AS SHOWN ON TMP-27 & 28. REOPEN RAMP *D* TO REVISED TRAFFIC PATTERN AS SHOWN ON TMP-27 & 28.

STEP 3

COMPLETE CONSTRUCTION OF RAMP *D* GORE AND OUTSIDE I-40 EB LANE AND BEHIND DRUMS, COMPLETE THE REMAINING PORTION OF RAMP *D* AS SHOWN ON TMP-27.

RAMP *A* TRAFFIC SHIFT

NOTE: ALL WORK RELATED TO RAMP *A* FROM PHASE III IS TO BE COMPLETED BEFORE BEGINNING STEP 4 BELOW

STEP 4

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE PCB ON I-40 WB FROM STA 85+75 +/- TO STA 19+25+/- AND REPLACE WITH DRUMS. RESET CRASH CUSHION ON I-40 WB IN PREPARATION OF UPCOMING TRAFFIC SHIFT FOR RAMP *A*. (SEE TMP-29 & 30).

03-JAN-2024 2:33:38 R:\Projects\21-08-01-I-2513A Work Zone Traffic Control\TrafficControl\CPA\ProjectWise\Phasing\I-2513AA_TMP-3.dgn zachor\ah-rfk AT CTFEST03



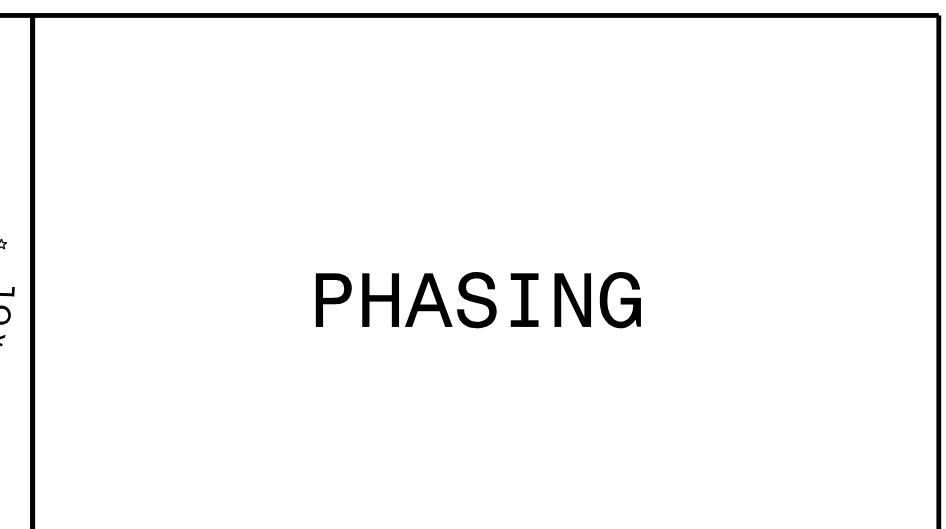
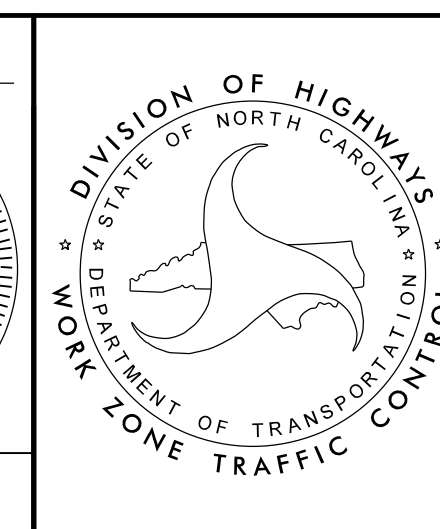
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
E8E4063CCAA254AC

DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PHASING

PHASING CONTINUED

PROJ. REFERENCE NO.	SHEET NO.
I-2513AA/AB	TMP-3A

AREA 1 - PHASE IIIA CONTINUED

CONTRACTOR SHALL COMPLETE THE WORK OF PHASE IIIA, STEP 5 & STEP 6 IN A SINGLE WORK PERIOD.

STEP 5

USING RDWY STANDARD DRAWING 1101.02 SHEET 4, INSTALL REVISED PAVEMENT MARKINGS FROM RAMP A -Y5RPA- STA 18+00 +/- TO I-40 -Y_WB- STA 19+40 +/- ON I-40 WB (SEE TMP-27 THRU TMP-31)

INSTALL DRUMS ALONG REVISED RAMP *A* ALIGNMENT AS SHOWN ON TMP-27 THRU 30.

STEP 6

USING LAW ENFORCEMENT, SLOW/DIRECT RAMP *A* TRAFFIC INTO THE REVISED EXIT LOCATION AND SIMULTANEOUSLY CLOSE PREVIOUS RAMP *A* EXIT LOCATION.

RELOCATE TEMPORARY GUIDE SIGNS FOR REVISED RAMP *A* LOCATION

STEP 7

USING ROADWAY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ON WB I-40 FROM STA 63+50 +/- TO STA 85+75 +/- . (SEE TMP-28 & 29).

STEP 8

BEHIND PCB, CONSTRUCT REMAINING PORTION OF I-40 WB LANE FROM STA 57+90 +/- TO STA 85+00 +/- (SEE TMP -27 THRU 29)

AREA 1-PHASE IV

STEP 1

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE PCB AND REPLACE WITH DRUMS ON I-40 WB FROM 57+90 +/- TO STA 85+00 +/-

MAJOR TRAFFIC SHIFT FOR I-40 WB TRAFFIC BELOW. THE CONTRACTOR SHALL COORDINATE WITH NCDOT INCIDENT MANAGEMENT AND LOCAL EMERGENCY SERVICES PRIOR TO THE TRAFFIC SHIFT IN STEPS 2 & 3

THE CONTRACTOR SHALL COMPLETE THE WORK OF PHASE IV, STEP 2 THRU STEP 3 IN ONE (1) WORK PERIOD.

STEP 2

USING LAW ENFORCEMENT AT THE RAMP *A* EXIT AND AT RAMP *B* ENTRANCE RAMP. CLOSE RAMP *A* AND RAMP *B* TO TRAFFIC

STEP 3

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE CONFLICTING PAVEMENT MARKINGS AND INSTALL I-40 WB AND RAMP *A* REVISED PAVEMENT MARKINGS FROM STA 92+45 +/- TO STA 19+40 +/- (SEE TMP-35 THRU 38).

AWAY FROM TRAFFIC INSTALL THE REVISED PAVEMENT MARKINGS FOR RAMP *B* AS SHOWN ON TMP-33 & 34.

INSTALL CMS*S FOR UPCOMING I-40 WB TRAFFIC SHIFT

STEP 4

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AND LAW ENFORCEMENT, SLOW/DIRECT I-40 WB TRAFFIC INTO THE REVISED PATTERN AND OPEN RAMP *A* IN THEIR REVISED PATTERN AS SHOWN ON TMP-35 THRU 38.

REOPEN RAMP *B* TO TRAFFIC
RELOCATE TEMPORARY GUIDE SIGN FOR RAMP *A*

STEP 5

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ON I-40 WB FROM -Y- STA 18+70 +/- TO -Y_WB- STA 17+90 +/- (SEE TMP-32 THRU 38)

STEP 6

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 REMOVE THE PCB ON I-40 EB FROM -Y- STA 18+70 +/- TO -Y- STA 49+50 +/- AND REPLACE WITH DRUMS.

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE PCB FROM RAMP *C* AND REPLACE WITH DRUMS

MAJOR TRAFFIC SHIFT FOR I-40 EB TRAFFIC BELOW. THE CONTRACTOR SHALL COORDINATE WITH NCDOT INCIDENT MANAGEMENT AND LOCAL EMERGENCY SERVICES PRIOR TO THE TRAFFIC SHIFT IN STEP 9 THRU STEP 11

THE CONTRACTOR SHALL COMPLETE THE WORK OF PHASE IV, STEP 9 THRU STEP 11 IN ONE (1) WORK PERIOD.

STEP 7

USING LAW ENFORCEMENT AT THE RAMP *C* EXIT AND AT RAMP *D* ENTRANCE RAMP, CLOSE RAMP *C* AND RAMP *D* TO TRAFFIC

STEP 8

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE CONFLICTING PAVEMENT MARKINGS AND INSTALL I-40 EB REVISED PAVEMENT MARKINGS AS SHOWN ON TMP-32 THRU 38.

INSTALL REVISED MARKINGS ON PROPOSED RAMP *C* AS SHOWN ON TMP-33 & 34. INSTALL REVISED MARKINGS FOR RAMP *D* AS SHOWN ON TMP-35.

STEP 9

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AND LAW ENFORCEMENT, SLOW/DIRECT I-40 EB TRAFFIC INTO THE REVISED PATTERN AS SHOWN ON TMP-32 THRU 38.

REOPEN RAMP C TO TRAFFIC
RELOCATE TEMPORARY GUIDE SIGN FOR RAMP C
REOPEN RAMP D TO TRAFFIC

STEP 10

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ON I-40 EB AS SHOWN ON TMP-32 THRU 38

STEP 11

BEHIND PCB, CONSTRUCT PROPOSED I-40 WB AND I-40 EB AS SHOWN ON TMP-32 THRU 40.

STEP 12

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ON I-40 WB AND EB FROM -YDET1- STA 14+42 +/- TO STA 25+00 +/- .

STEP 13

BEHIND PCB, CONSTRUCT CROSS-OVERS -YDET1- AND Y-DET2- PAVEMENT AS SHOWN ON TMP-32 & 38.

PHASE V-AREA 1

STEP 1

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ON I-40 EB AS SHOWN ON TMP-41 THRU 47.

MAJOR TRAFFIC SHIFT FOR I-40 EB TRAFFIC BELOW. THE CONTRACTOR SHALL COORDINATE WITH NCDOT INCIDENT MANAGEMENT AND LOCAL EMERGENCY SERVICES PRIOR TO THE TRAFFIC SHIFT IN STEP 2 AND STEP 3

THE CONTRACTOR SHALL COMPLETE THE WORK OF PHASE V, STEP 2 AND STEP 3 FROM 9:00 P.M. FRIDAY TO 6:00 A.M. MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 2

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AND LAW ENFORCEMENT, REMOVE CONFLICT MARKINGS AND INSTALL REVISED MARKINGS ON I-40 EB AS SHOWN ON TMP-47

USING LAW ENFORCEMENT, CLOSE RAMP *C* TO TRAFFIC AND INSTALL REVISED MARKINGS AS SHOWN ON TMP-41 THRU 43.

USING DRUMS, RESTRIPE RAMP *D* PATTERN AS SHOWN ON TMP-44 THRU 47. RELOCATE TEMPORARY GUIDE SIGN FOR RAMP *C* TRAFFIC AS SHOWN TMP-41 RELOCATE TEMPORARY GUIDE SIGNS FOR I-26 RAMPS. (SEE TMP-47) INSTALL CMS*S ON THE UPCOMING I-40 EB TRAFFIC SHIFT

STEP 3

USING ROADWAY STANDARD DRAWING 1101.02, SHEET 4 AND LAW ENFORCEMENT, SLOW/DIRECT I-40 EB TRAFFIC INTO THE CROSS-OVER AND REVISED PATTERN AS SHOWN ON TMP-41 THRU 47.

REOPEN RAMP *C* TO TRAFFIC

STEP 4

INSTALL REMAINING PCB ON RAMP *C* AS SHOWN ON TMP-41 THRU 43
INSTALL DRUMS AS SHOWN ON TMP-44 THU 47

STEP 5

BEHIND PCB AND DRUMS, CONSTRUCT REMAINING I-40 EB LANE AS SHOWN ON TMP-41A THRU 49

AREA 1-PHASE VI

STEP 1

AWAY FROM TRAFFIC, REMOVE PCB FROM STA 17+75 +/- TO 35+60 +/- AND REPLACE WITH DRUMS

STEP 2

AWAY FROM TRAFFIC, REMOVE CONFLICTING MARKINGS AND INSTALL PROPOSED I-40 EB PAVEMENT MARKINGS (PAINT) FROM STA 25+00 +/- TO STA 93+75 +/- (SEE TMP-50 THRU 56)

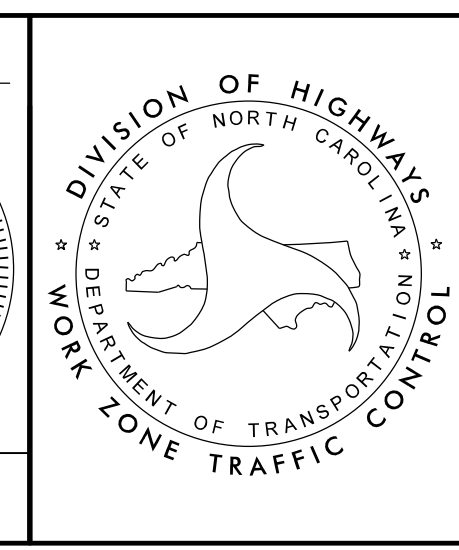
03 JAN 2024 2:53 PM PROJECTS\08-01-2513A-Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phasing\I-2513AA_TMP-3A.dgn

ICE of CAROLINAS, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: *J. Stuart Bourne*
 E8E4093CA25A4C...
 DATE: 1/4/2024

SEAL

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



PHASING

DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 WORK ZONE TRAFFIC CONTROL

PHASING CONTINUED

PROJ. REFERENCE NO.	SHEET NO.
I-2513AA/AB	TMP-3B

AREA 1 - PHASE VI CONTINUED

MAJOR TRAFFIC SHIFT FOR I-40 EB TRAFFIC BELOW. THE CONTRACTOR SHALL COORDINATE WITH NCDOT INCIDENT MANAGEMENT AND LOCAL EMERGENCY SERVICES PRIOR TO THE TRAFFIC SHIFT IN STEPS 3 AND 4

THE CONTRACTOR SHALL COMPLETE THE WORK OF PHASE VI, STEP 3 AND STEP 4 FROM 9:00 P.M. FRIDAY TO 6:00 A.M. MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUADATED DAMAGES)

STEP 3

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AND LAW ENFORCEMENT, REMOVE CONFLICTING PAVEMENT MARKINGS ON EACH END OF THE I-40 EB TIE-IN AND INSTALL PROPOSED PAVEMENT MARKINGS. (SEE TMP-50 THRU 56).

STEP 4

USING LAW ENFORCEMENT SLOW/DIRECT I-40 EB TRAFFIC INTO THE PROPOSED TWO OUTSIDE EB LANES.

USE DRUMS TO CLOSE THE INSIDE I-40 EB LANES.

STEP 5

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AS NECESSARY, CONSTRUCT THE MEDIAN BARRIER REMOVED FOR THE CROSS OVER TRAFFIC.

AWAY FROM TRAFFIC: MILL AND FILL THE INSIDE SHOULDERS AND REPLACE THE RUMBLE STRIPS

AWAY FROM TRAFFIC: MICRO GROVE THE INSIDE LANES AND INSTALL FINAL PAINT PATTERN MARKINGS AS MUCH AS POSSIBLE.

STEP 6

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE ALL PCB FROM THE PROJECT

STEP 7

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE ALL CONFLICTING MARKINGS AND INSTALL THE FINAL PAVEMENT MARKINGS FOR BOTH I-40 WB AND EB AND PROPOSED RAMPS.

AREA 2- I-26 RAMP CONSTRUCTION/IMPROVEMENTS FOR ACCESSING I-40 EB/I-26 WB AND I-26 EB AS SHOWN IN THE TMP.

AREA 2-PHASE I

STEP 1

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ALONG THE I-26 EB EXIT RAMP *C* FROM -Y_EB- STA 24+20 +/- TO -L1_EB- STA 44+50 +/- (SEE TMP-57 THRU 60).

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ALONG I-26 WB FROM STA 42+75+/- AND ALONG RAMP *D* (TO I-40 EB) TO STA 19+00. (SEE TMP-57 & 58)

STEP 2

BEHIND PCB, CONSTRUCT PROPOSED RAMP *C* AND RETAINING WALL AS SHOWN ON TMP-57 THRU 61.

BEHIND PCB, CONSTRUCT PROPOSED RAMP *D* AS SHOWN ON TMP-57, 58 & 61)

AREA 2-PHASE II

STEP 1

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, REMOVE THE PCB PLACED ON RAMP *D* IN PHASE I. REVISE THE PAVEMENT MARKINGS ON I-40 WB AND RAMP *D* AND SHIFT INTO THE PATTERN AS SHOWN ON TMP-62.

STEP 2

USING RDWY STANDARD DRAWING 1101.02, SHEET 11, AND LAW ENFORCEMENT FOR RAMP D, I-26 WB, I-26 WB RAMP AS SHOWN ON TMP-62 & 63.

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, CONSTRUCT TEMPORARY PAVEMENT ON I-26 EB OUTSIDE SHOULDER AS SHOWN ON TMP-63.

STEP 3

BEHIND DRUMS, USE RDWY STANDARD DRAWING 1101.02, SHEET 11 TO CONSTRUCT I-26 WB PAVEMENT AND RAMP D PAVEMENT AS SHOWN ON TMP-62 & 63.

BEHIND PCB, CONSTRUCT I-26 EB PAVEMENT AS SHOWN ON TMP-63

AREA 2-PHASE III

STEP 1

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, AND 1101.02, SHEET 11 (FOR RAMP), REMOVE PCB ALONG EXISTING RAMP *C*.

STEP 2

AWAY FROM TRAFFIC, INSTALL DRUMS ALONG PROPOSED RAMP *C* (I-26 EB EXIT RAMP) AS SHOWN ON TMP-67 THRU 70

AWAY FROM TRAFFIC, INSTALL PROPOSED PAVEMENT MARKINGS FOR RAMP *C* (I-26 EB EXIT RAMP) AS SHOWN ON TMP-67 THRU 70

INSTALL PROPOSED GUIDE SIGNS IN PREPARATION OF UPCOMNG PATTERN CHANGE FOR RAMP *C*

NOTE: STEP 3 CAN NOT BE DONE UNTIL THE WORK IN AREA 1, PHASE V, STEP 3 IS COMPLETED

STEP 3

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AND LAW ENFORCEMENT, REVISE I-26 EB PAVEMENT MARKINGS AND SHIFT RAMP *C* (I-26 EB EXIT RAMP) TRAFFIC ONTO THE PROPOSED RAMP IN A SINGLE LANE PATTERN AND ONTO I-26 EB AS SHOWN ON TMP-67 THRU 70.

STEP 4

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 INSTALL REVISED PAVEMENT MARKINGS ON I-26 WB AS SHOWN ON TMP-67 & 68

STEP 5

BEHIND PCB, COMPLETE THE I-26 EB CONSTRUCTION AS SHOWN ON TMP-67 & 68

USING RDWY STANDARD DRAWING 1101.02, SHEET 4, INSTALL PCB ON I-26 WB AS SHOWN ON TMP-68

STEP 6

COMPLETE I-26 WB RAMP/GORE CONSTRUCTION AS SHOWN ON TMP-68

AREA 2-PHASE IV

STEP 1

USING RDWY STANDARD DWG 1101.02, SHEET 4, REVISE THE I-26 WB PAVEMENT MARKINGS AS SHOWN ON TMP-71 & 72 AND PLACE I-26 TRAFFIC IN THE PATTERN AS SHOWN ON TMP-71 & 72.

STEP 2

USING ROADWAY STANDARD DRAWING 1101.04, SHEET 1, CLOSE THE INSIDE SHOULDER ON I-26 WB AS SHOWN ON TMP-71 & 72.

STEP 3

USING ROADWAY STANDARD DRAWING 1101.02, SHEET 4, COMPLETE REMAINING MEDIAN SHOULDER WORK AS SHOWN ON SHOWN ON TMP-71 & 72.

AWAY FROM TRAFFIC, REMOVE EXISTING RAMP *C*

STEP 4

BEHIND DRUMS, INSTALL THE PROPOSED PAVEMENT MARKINGS ON I-26 EB RAMP *C* AND OPEN TO 2 LANE PATTERN AS SHOWN ON TMP-71 THRU 74.

STEP 5

USING RDWY STANDARD DRAWING 1101.02, SHEET 4 AND SHEET 11, MILL AND OVERLAY I-26 AND RAMPS AS SHOWN ON TMP-71 THRU 72 AND INSTALL PROPOSED TRAFFIC PATTERN WITH PAINT PAVEMENT MARKINGS AS SHOWN ON TMP-71 THRU 72.

STEP 6

USING RDWY STANDARD DWG 1101.02, SHEET 4 AND SHEET 11, INSTALL THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS (SEE PAVEMENT MARKING PLANS)

03 JAN 2024 2:55 PM PROJECTS\1-08-01-2513A Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phasing\I-2513AA_TMP-3B.dgn

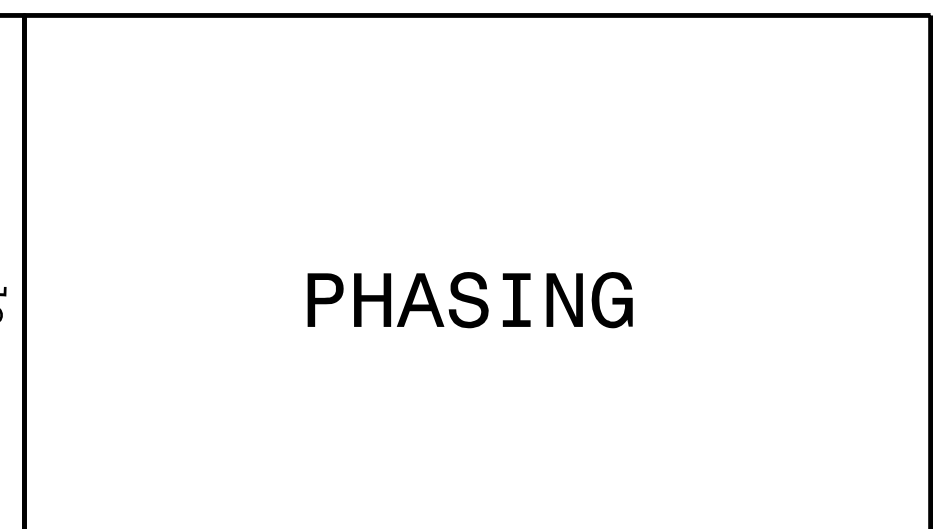
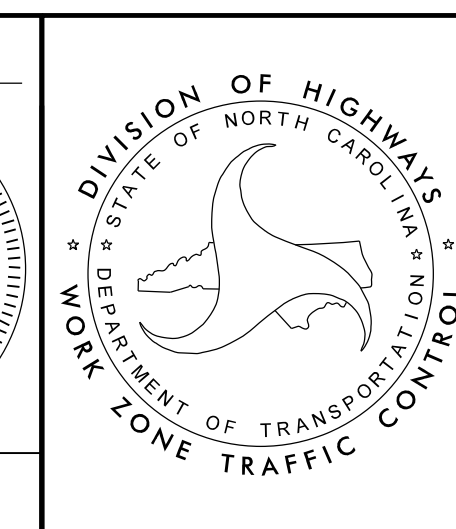


ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

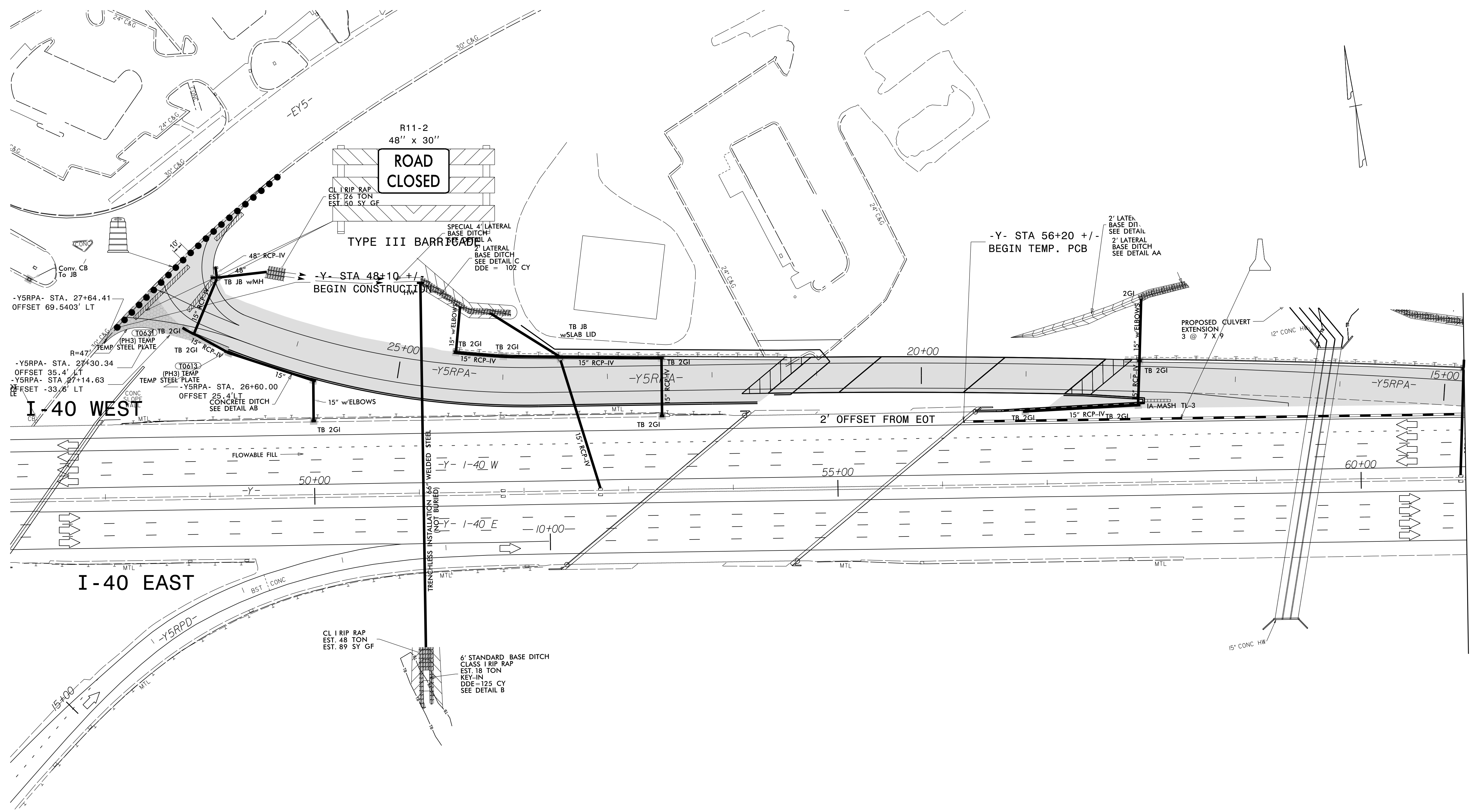
APPROVED: J. Stuart Bourne
DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PHASING



03 JAN 2024 2:54 PM R:\Projects\I-2513AA\Work Zone Traffic Control\TrafficControl\CP\ProjectWise\Phase I\I-2513AA_PHASE_I_TMP-04.dgn

MATCH LINE SHEET TMP-05
L-STA. 61+00

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
 NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

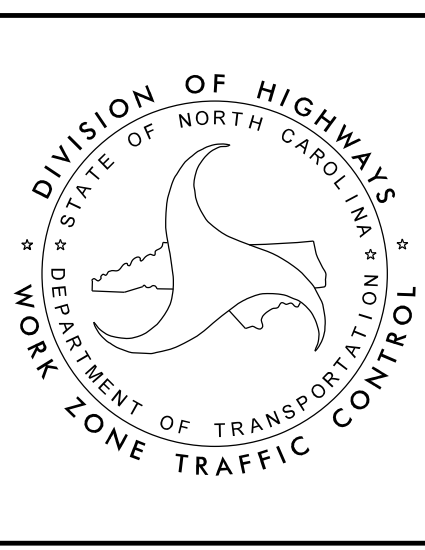


ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

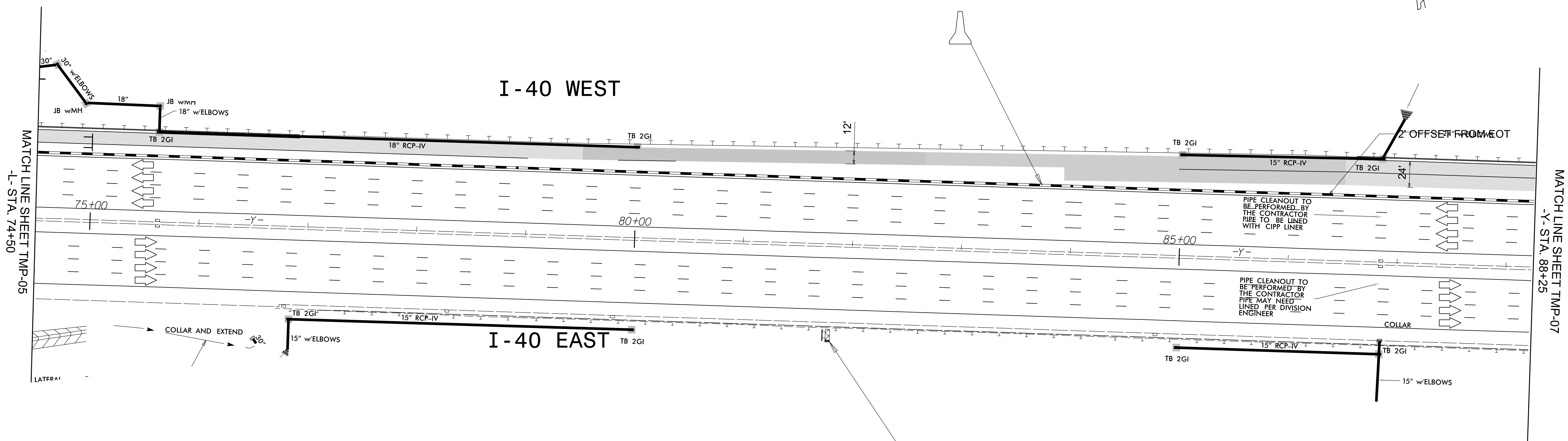
SEAL

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



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

**TEMPORARY TRAFFIC CONTROL
 PHASE I DETAIL
 AREA 1**



**Asheville Regional Airport
EXIT 46A**

**UNC-Asheville
Mars Hill Univ
EXIT 46B**

EXISTING SIGN
NOTE: RELOCATE SIGN AROUND
CONSTRUCTION WHEN NECESSARY

LEGEND

- NEW TEMPORARY MARKINGS
- EXISTING MARKINGS (GRAY)
- NEW CONSTRUCTION AREAS
- TEMPORARY PAVEMENT
- ON- GOING CONSTRUCTION
- REMOVAL
- OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

04-JAN-2024 09:05 R:\Projects\I-25\I-253A Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase I\I-2513AA_PHASE I TMP-06.dgn

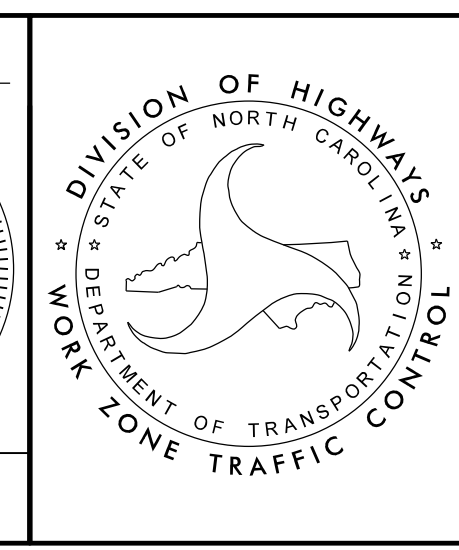


ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

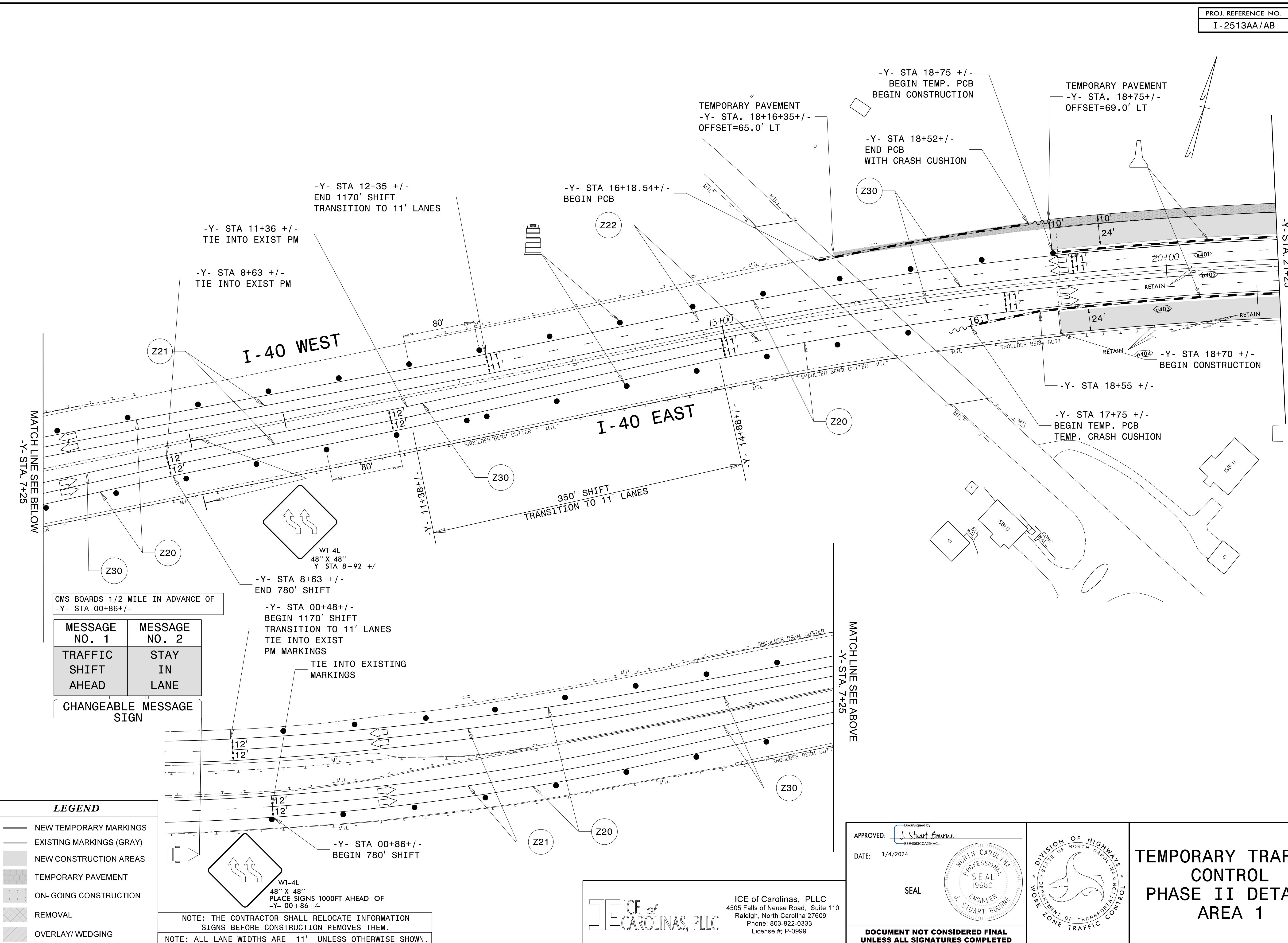
APPROVED:
DATE: 1/4/2024

SEAL

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



**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
AREA 1**



MATCH LINE SEE BELOW
-Y- STA. 7+25

MATCH LINE SHEET TMP-09
-Y- STA. 21+25

CMS BOARDS 1/2 MILE IN ADVANCE OF
-Y- STA 00+86 +/-

MESSAGE NO. 1	MESSAGE NO. 2
TRAFFIC SHIFT AHEAD	STAY IN LANE

CHANGEABLE MESSAGE SIGN

W1-4L
48" X 48"
-Y- STA 8+92 +/-

-Y- STA 8+63 +/-
END 780' SHIFT

-Y- STA 00+48 +/-
BEGIN 1170' SHIFT
TRANSITION TO 11' LANES
TIE INTO EXIST PM MARKINGS

TIE INTO EXISTING MARKINGS

W1-4L
48" X 48"
PLACE SIGNS 1000FT AHEAD OF
-Y- 00+86 +/-

-Y- STA 00+86 +/-
BEGIN 780' SHIFT

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

LEGEND

- NEW TEMPORARY MARKINGS
- EXISTING MARKINGS (GRAY)
- NEW CONSTRUCTION AREAS
- TEMPORARY PAVEMENT
- ON-GOING CONSTRUCTION
- REMOVAL
- OVERLAY/WEDGING

ICE of CAROLINAS, PLLC

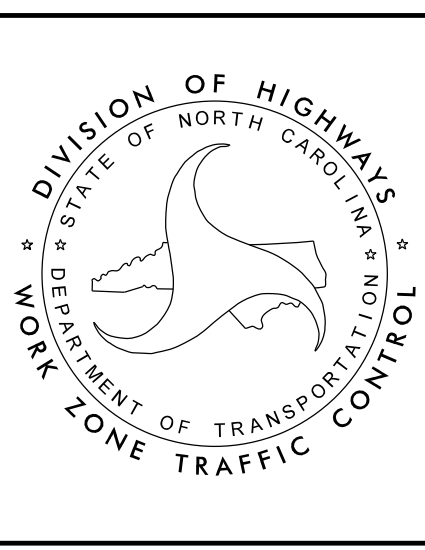
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

MATCH LINE SEE ABOVE
-Y- STA. 7+25

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

SEAL

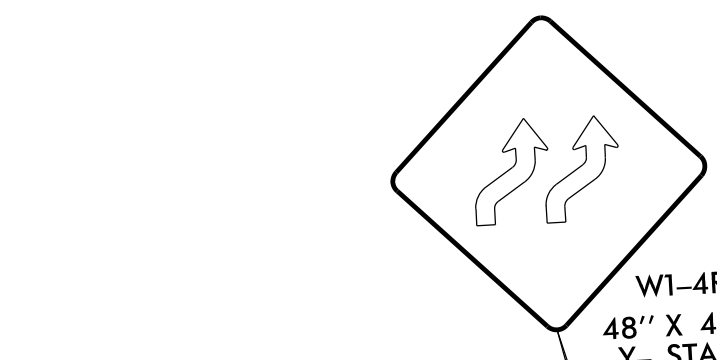
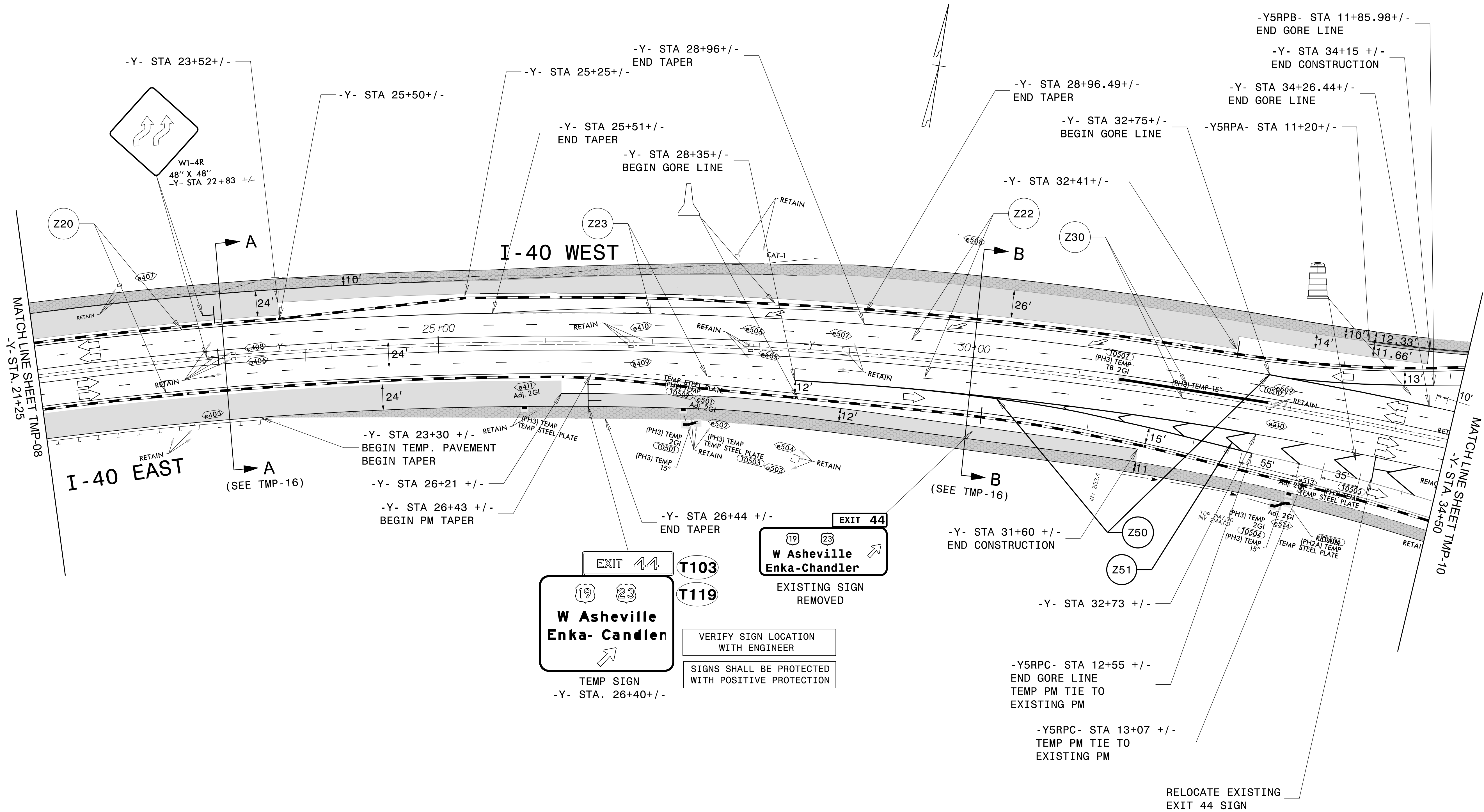
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



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

**TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
AREA 1**

04-JAN-2024 09:15
R:\Projects\2024\08-01-253A_Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 2\I-253AA-Phase-2_TMP-08.dgn
Z30@11/27/24



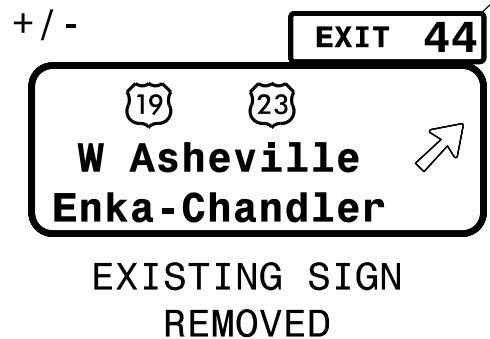
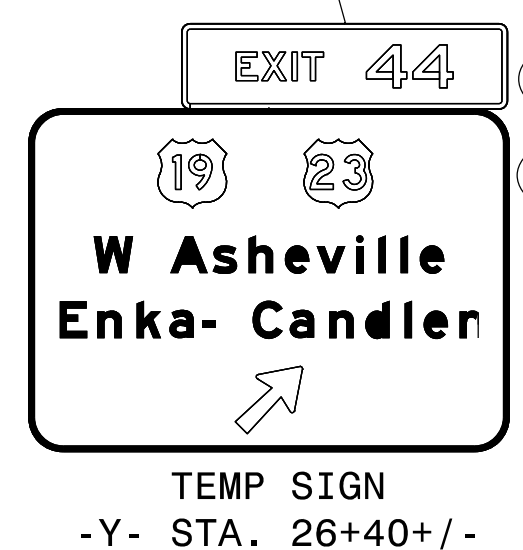
MATCH LINE SHEET TMP-08
-Y- STA. 21+25

MATCH LINE SHEET TMP-10
-Y- STA. 34+50

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.



VERIFY SIGN LOCATION WITH ENGINEER
SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

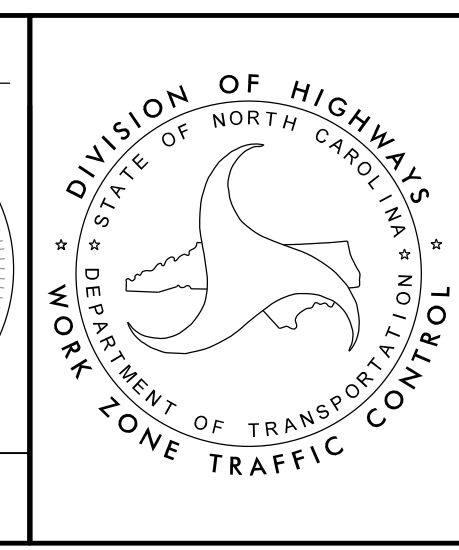


ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/23/2024

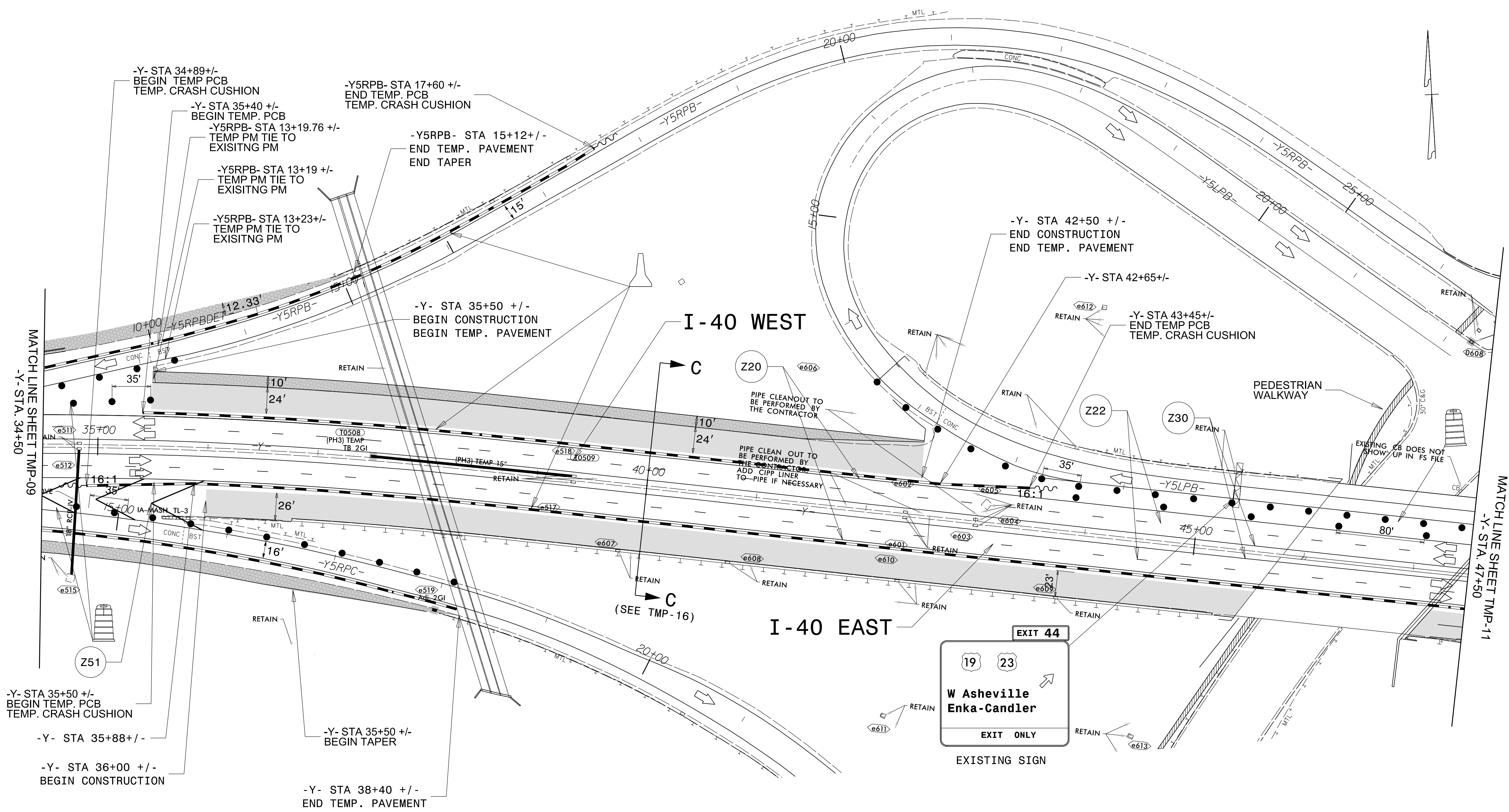
SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASE II DETAIL AREA 1

1/23/2024 R:\Projects\21-08.01-I-253A Work Zone Traffic Control\TrafficControl\CP\ProjectWise\Phase 2\I-2513AA-Phase-2-TMP-09.dgn User:rlz2014r1ghr1zrk



MATCH LINE SHEET TMP-09
-Y- STA. 34+50

MATCH LINE SHEET TMP-11
-Y- STA. 47+50

-Y- STA 35+50 +/-
BEGIN TEMP. PCB
TEMP. CRASH CUSHION

-Y- STA 35+88 +/-

-Y- STA 36+00 +/-
BEGIN CONSTRUCTION

-Y- STA 35+50 +/-
BEGIN TAPER

-Y- STA 38+40 +/-
END TEMP. PAVEMENT

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/ WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

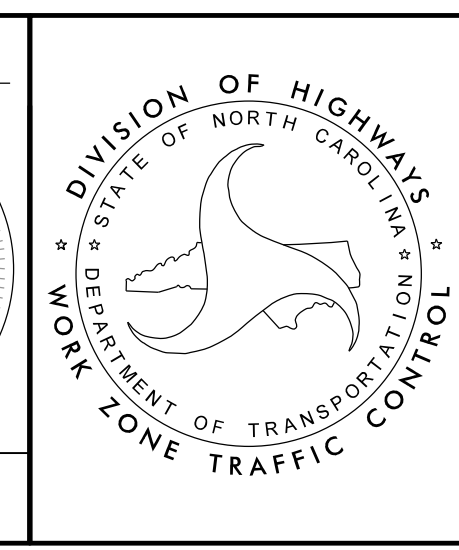


ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

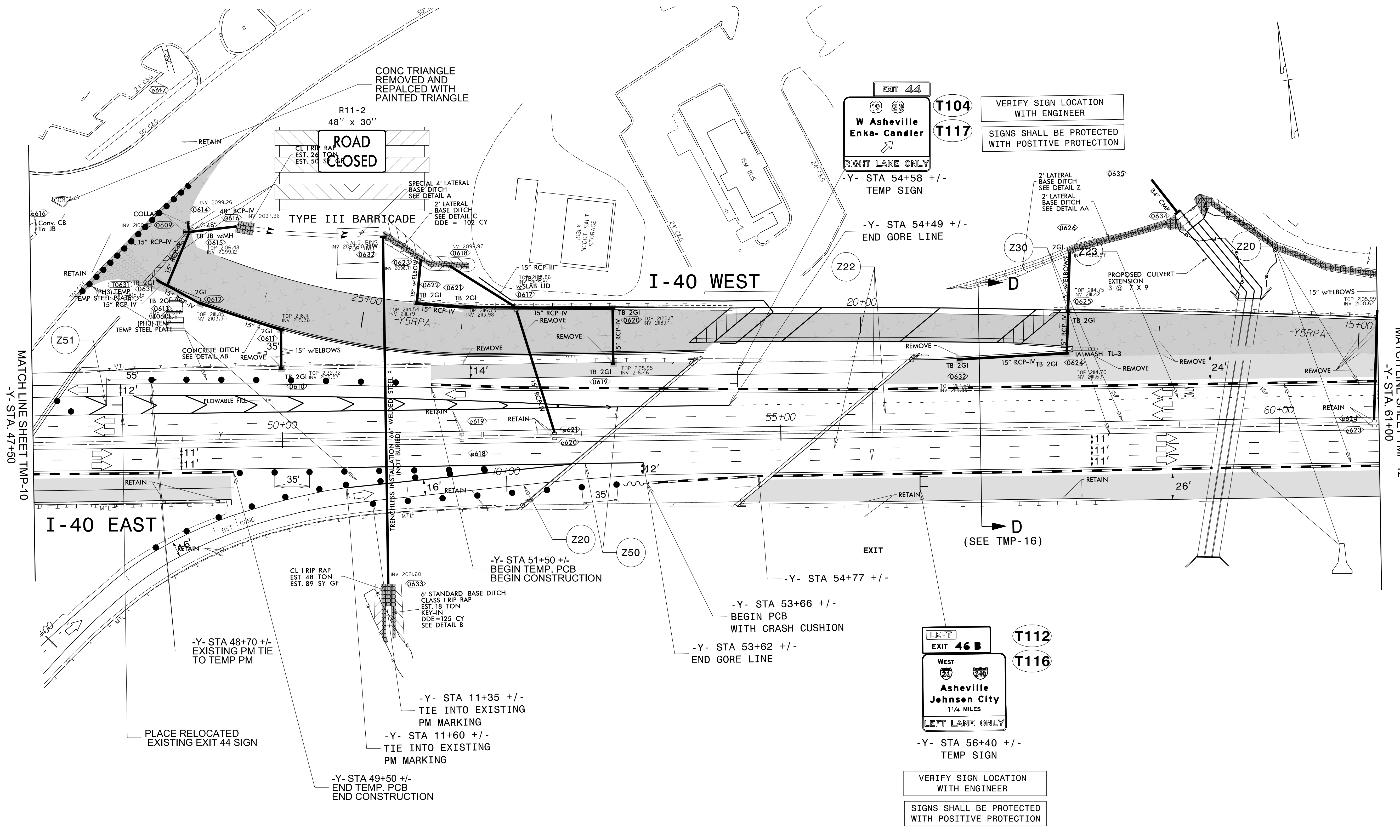
SEAL

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



**TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
AREA 1**

04-JAN-2024 09:23
 R:\Projects\21-08-01-2513A_Work Zone Traffic Control\Traffic Control\Traffic Control\Phase 2 TMP-10.dgn
 ZG001112K AT C1F5103



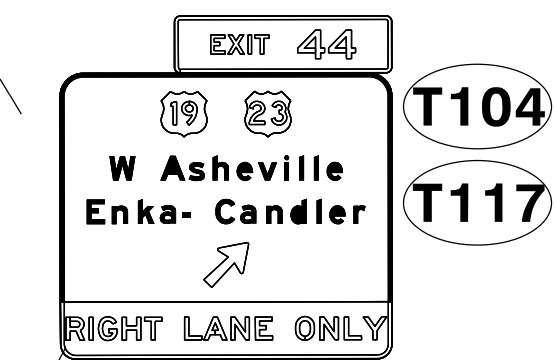
MATCH LINE SHEET TMP-10
-Y- STA. 47+50

MATCH LINE SHEET TMP-12
-Y- STA. 61+00

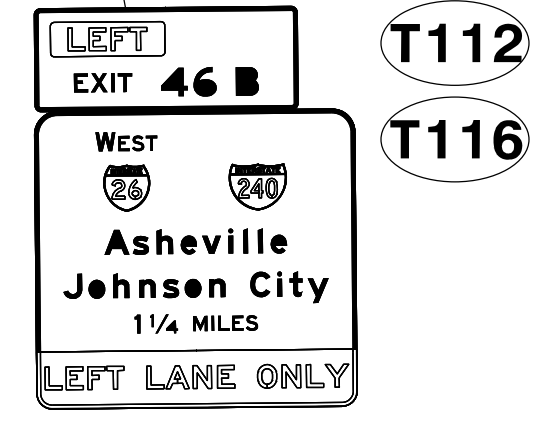
LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.



VERIFY SIGN LOCATION WITH ENGINEER
SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION



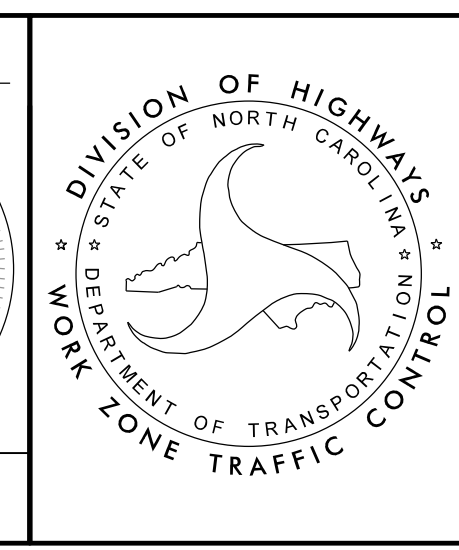
VERIFY SIGN LOCATION WITH ENGINEER
SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

04-JAN-2024 09:26 R:\Projects\21-08-01-2513A-Work Zone Traffic Control\Traffic Control\Phase 2\I-2513AA-Phase-2-TMP-11.dgn

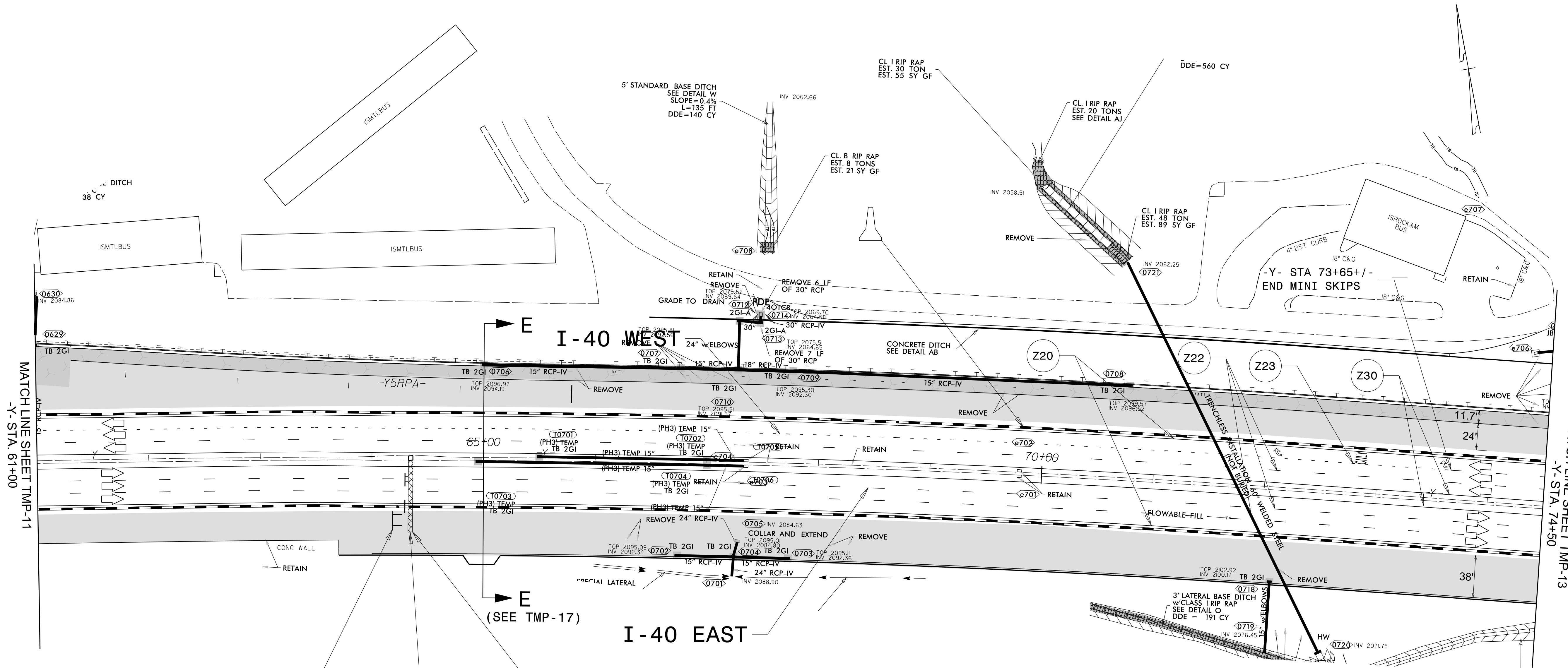


ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 19680 ENGINEER J. STUART BOURNE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

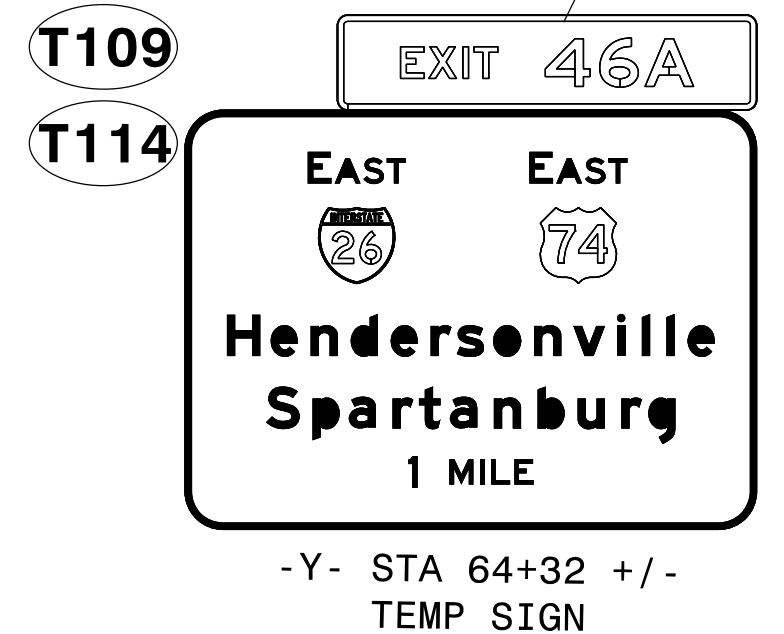


TEMPORARY TRAFFIC CONTROL PHASE II DETAIL AREA 1



MATCH LINE SHEET TMP-11
-Y- STA. 61+00

MATCH LINE SHEET TMP-13
-Y- STA. 74+50



-Y- STA 64+32 +/-
TEMP SIGN

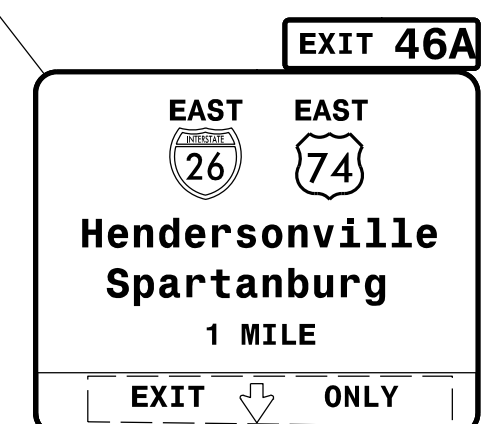
VERIFY SIGN LOCATION
WITH ENGINEER

SIGNS SHALL BE PROTECTED
WITH POSITIVE PROTECTION

COVER TEMPORARY SIGN UNTIL
EXISTING SIGN IS REMOVED



EXISTING SIGN



EXISTING SIGN

COVER YELLOW PANNEL WHEN
NOT DIRECTLY OVER LANE

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION
SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.



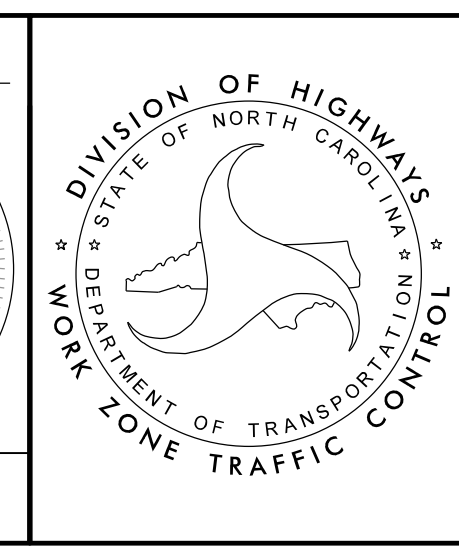
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

SEAL

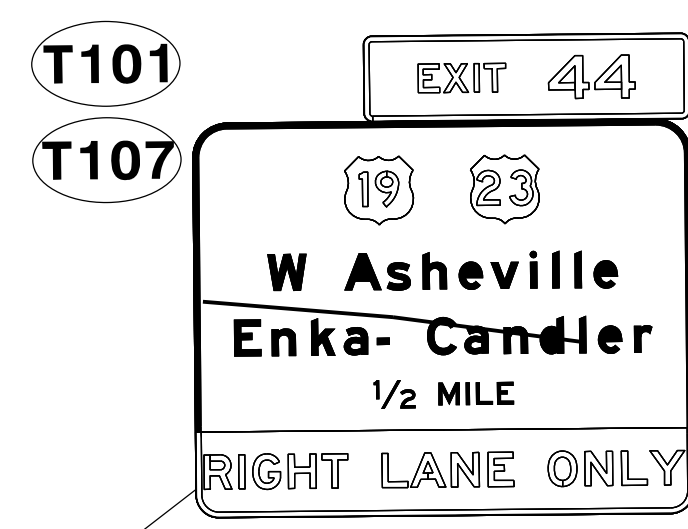
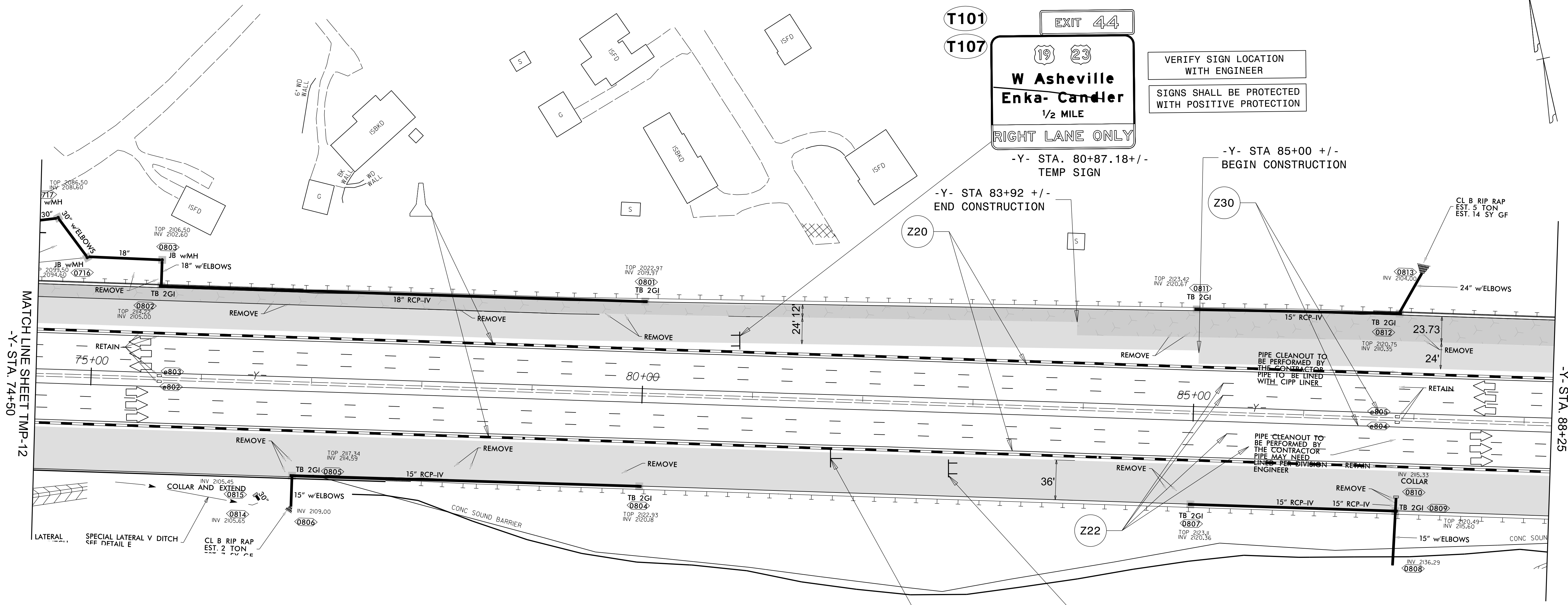
PROFESSIONAL SEAL 19680
ENGINEER
J. STUART BOURNE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

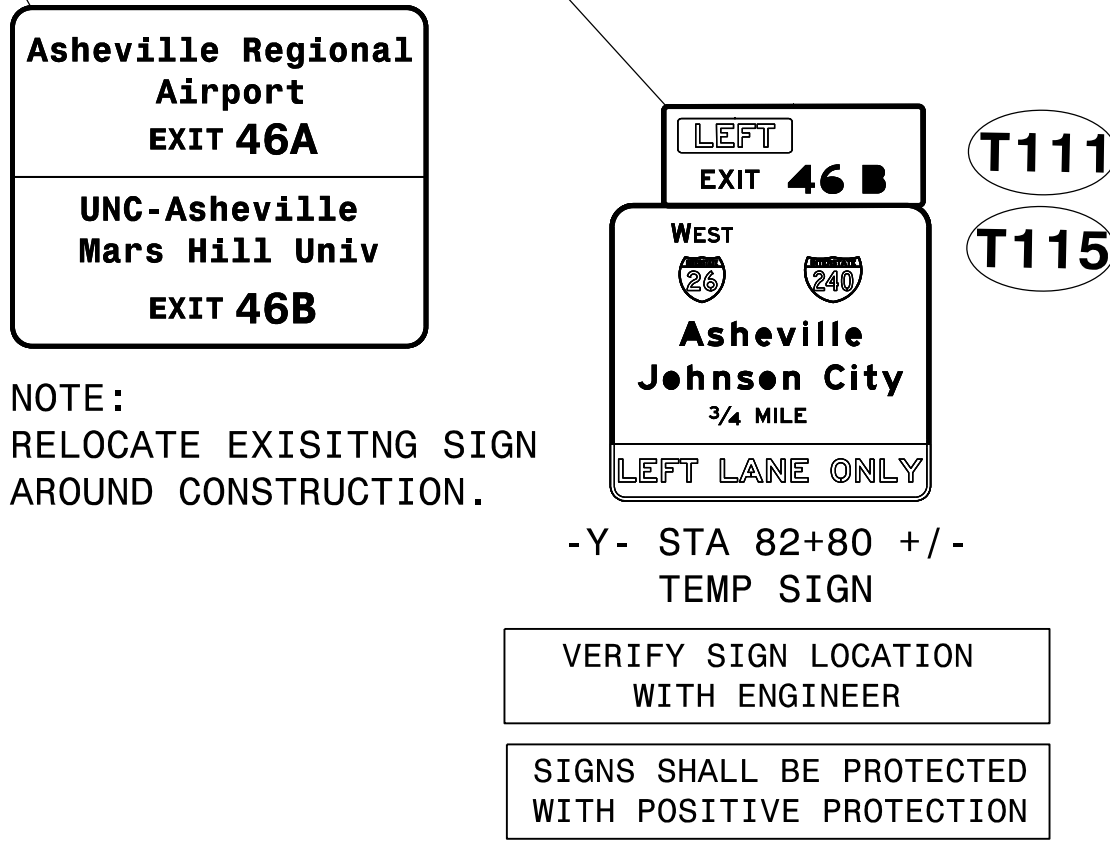


**TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
AREA 1**

04-JAN-2024 09:29 R:\Projects\I-2513AA-Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 2\I-2513AA-Phase-2_TMP-12.dgn



-Y- STA. 80+87.18 +/- TEMP SIGN
 -Y- STA 83+92 +/- END CONSTRUCTION
 -Y- STA 85+00 +/- BEGIN CONSTRUCTION



MATCH LINE SHEET TMP-12 -Y- STA. 74+50

MATCH LINE SHEET TMP-14 -Y- STA. 88+25

LEGEND

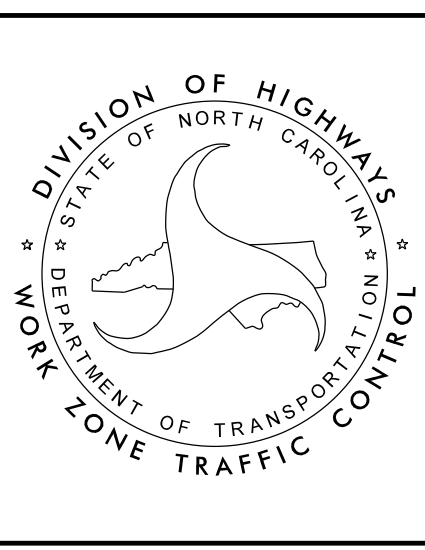
	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
 NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.



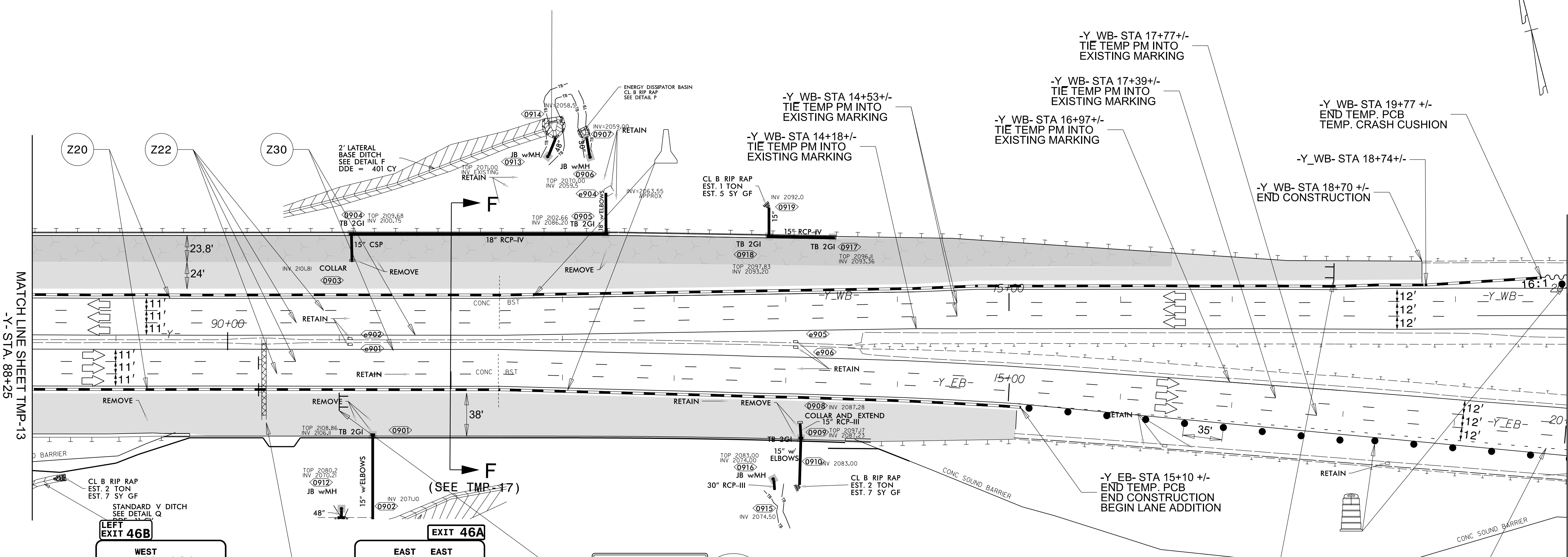
ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024
 SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER 19680 J. STUART BOURNE
 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



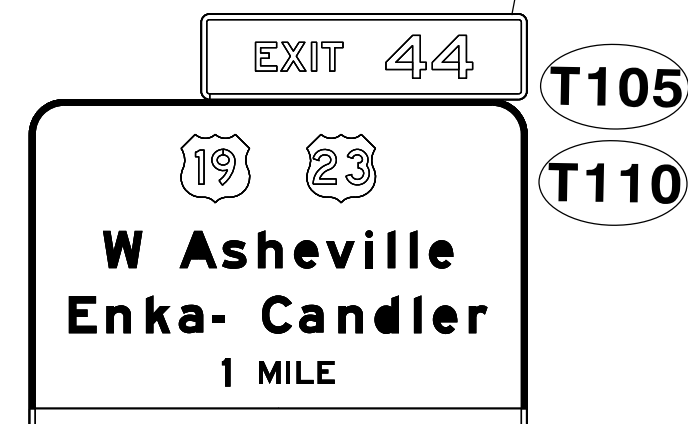
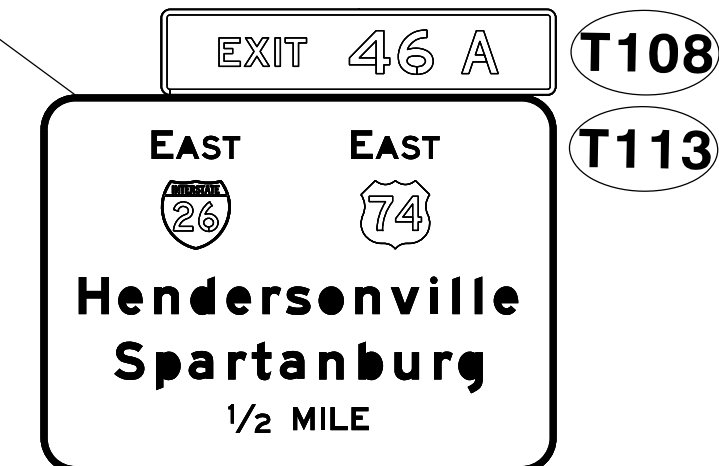
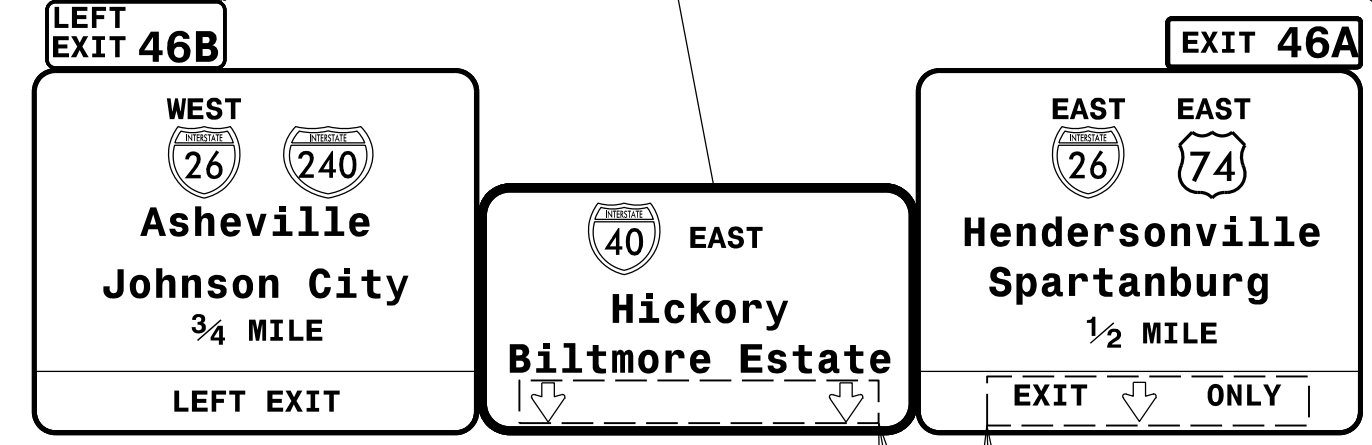
TEMPORARY TRAFFIC CONTROL PHASE II DETAIL AREA 1

04-JAN-2024 09:41
 R:\Projects\I-2513AA\Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 2\TMP-13.dgn
 zgonchik@ncdot.gov AT 01/03/24



MATCHLINE SHEET TMP-13
-Y- STA. 88+25

MATCHLINE SEE SHEET TMP-15
-Y- STA. 20+00



-Y- STA 91+00 +/-
TEMP SIGN

VERIFY SIGN LOCATION
WITH ENGINEER

SIGNS SHALL BE PROTECTED
WITH POSITIVE PROTECTION

COVER TEMPORARY SIGN UNTIL
EXISTING SIGN IS REMOVED

-Y_WB- STA 17+901 +/-
TEMP SIGN

VERIFY SIGN LOCATION
WITH ENGINEER

SIGNS SHALL BE PROTECTED
WITH POSITIVE PROTECTION

COVER ARROWS WHEN LANES HAVE CHANGED

LEGEND

- NEW TEMPORARY MARKINGS
- EXISTING MARKINGS (GRAY)
- NEW CONSTRUCTION AREAS
- TEMPORARY PAVEMENT
- ON-GOING CONSTRUCTION
- REMOVAL
- OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION
SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

04-JAN-2024 09:43
 R:\Projects\I-25\01-2513A_WorkZone_TrafficControl\TrafficControl\TrafficControl\Phase 2\I-2513AA_Phase_2_TMP-14.dgn
 ZG081111ZK AT C1F5103



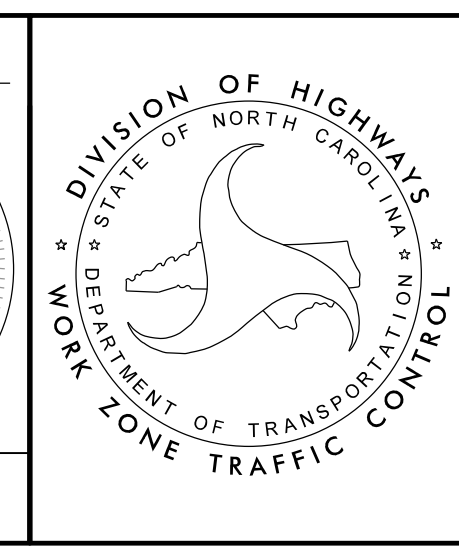
ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED:

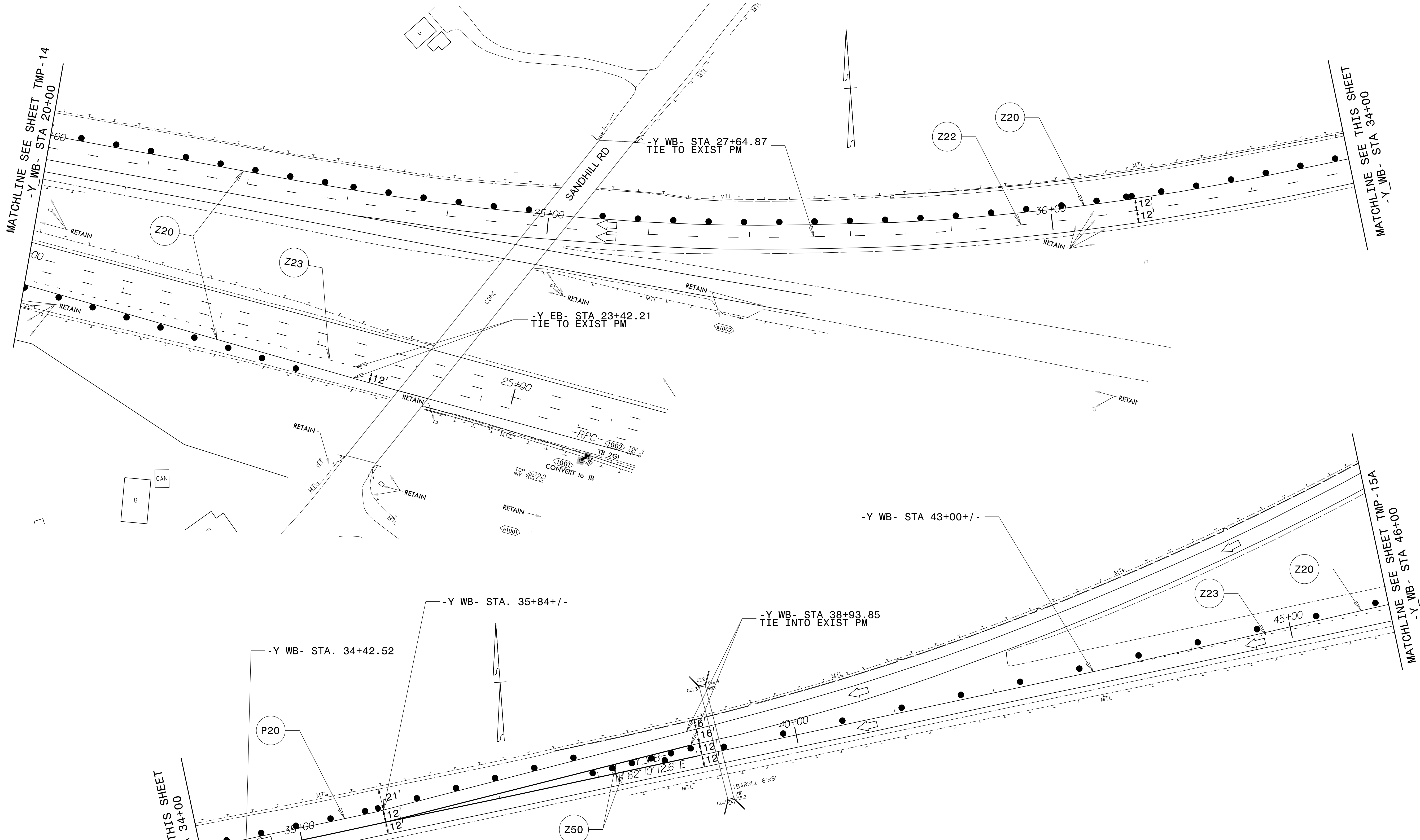
DATE: 1/4/2024

SEAL

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



**TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
AREA 1**



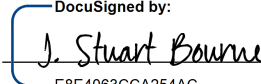
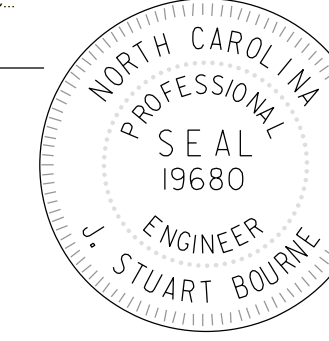
LEGEND

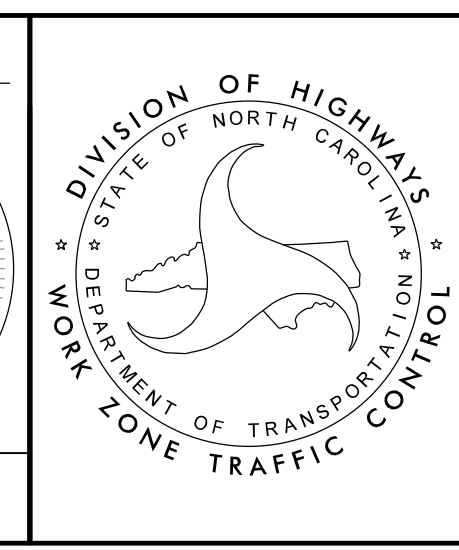
	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

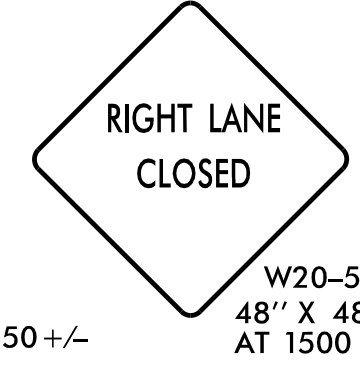
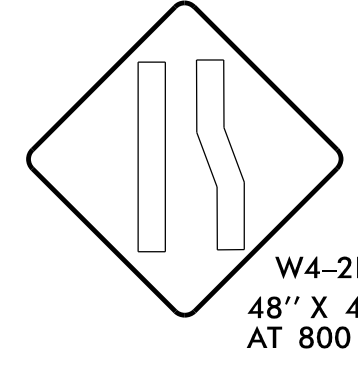
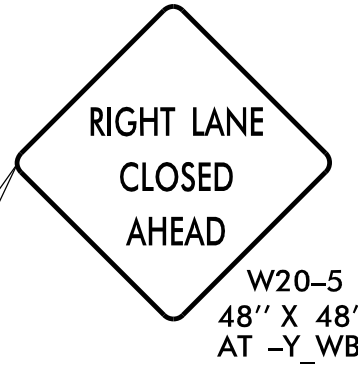
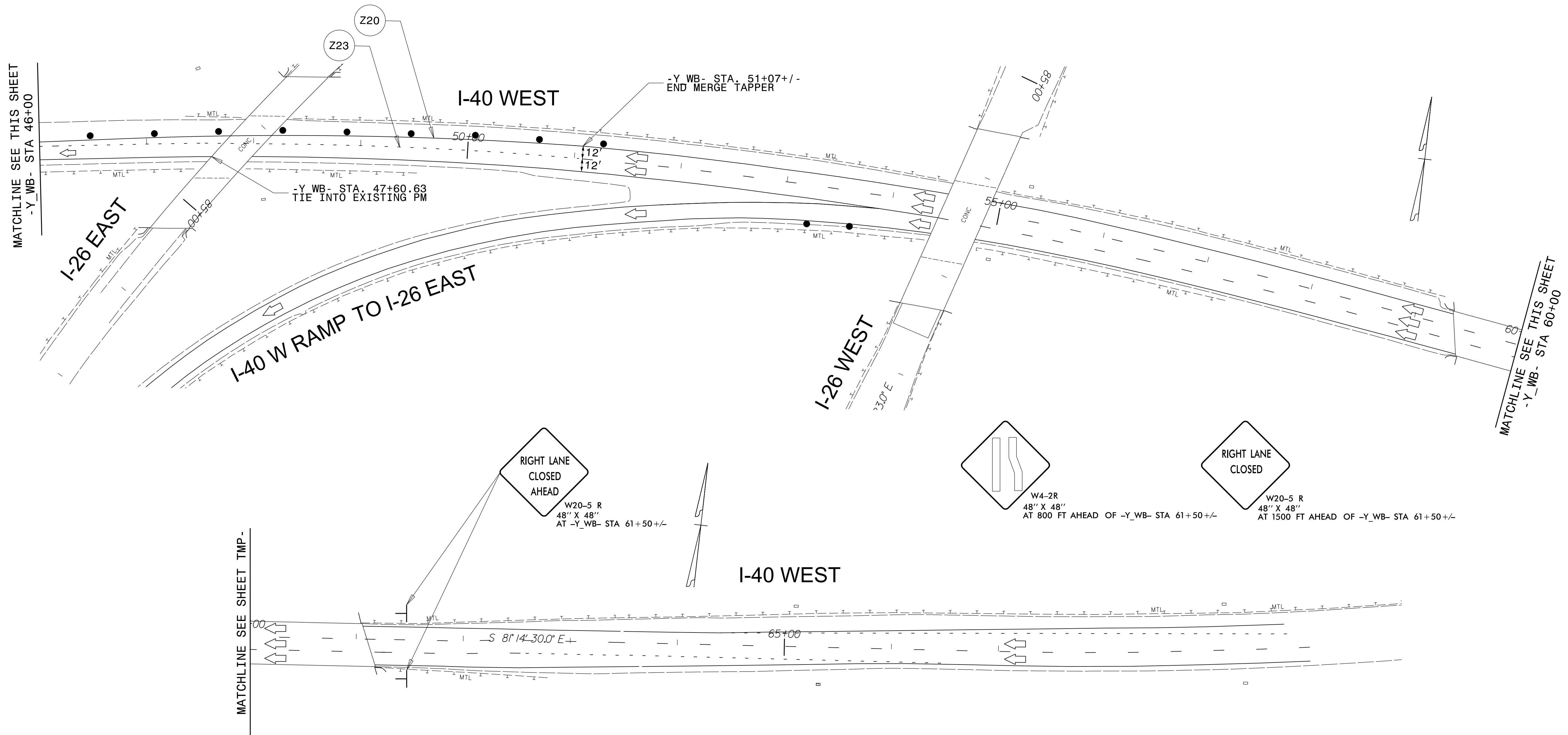
04-JAN-2024 09:48
 R:\Projects\I-25\I-253A Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 2\I-253AA-Phase-2_TMP-15.dgn
 Z:\G01\1212\AT_C1F5103

ICE of CAROLINAS, PLLC
 ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: 
 DATE: 1/4/2024
 SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY LANE CONFIGURATION FOR PHASE II THRU PHASE V



LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/ WEDGING

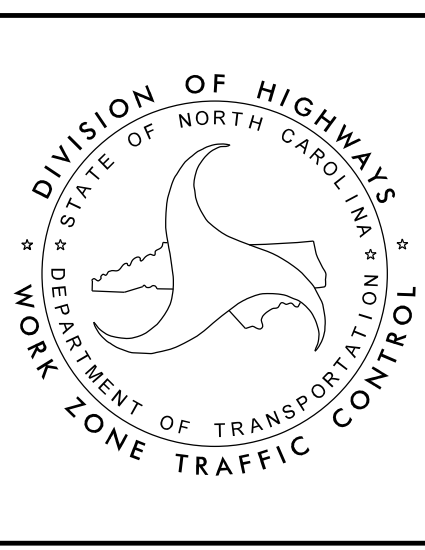
NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.



ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED:
DATE: 1/4/2024

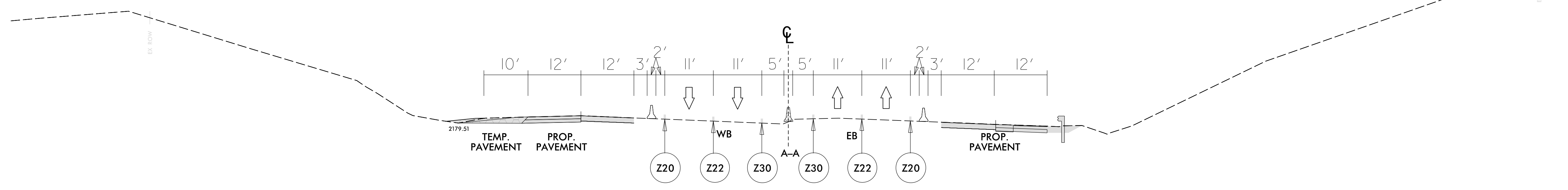
SEAL



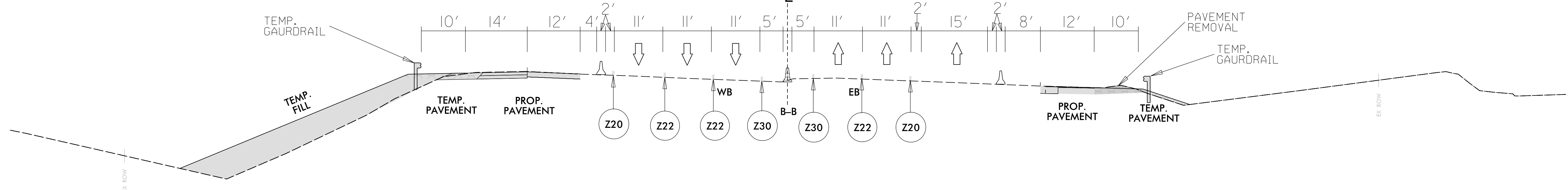
TEMPORARY LANE CONFIGURATION FOR PHASE II THRU PHASE V

04-JAN-2024 09:59
R:\Projects\I-25\I-253A_Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 2\I-253AA_Phase_2_TMP-15a.dgn
ZG08141412K AT C1F5103

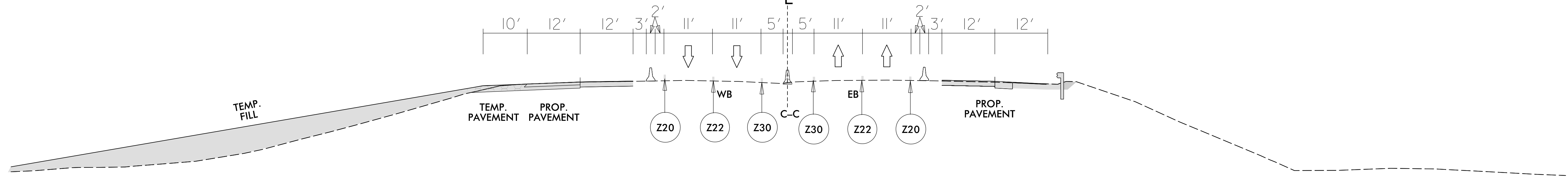
A-A



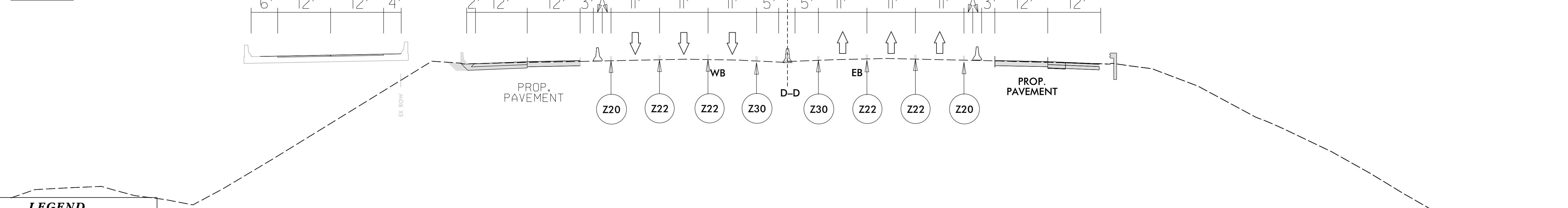
B-B



C-C



D-D



LEGEND

- NEW TEMPORARY MARKINGS
- EXISTING MARKINGS (GRAY)
- NEW CONSTRUCTION AREAS
- TEMPORARY PAVEMENT
- ON-GOING CONSTRUCTION
- REMOVAL
- OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

04-JAN-2024 09:00 R:\Projects\I-2513A_WorkZone_TrafficControl\TrafficControl\TrafficControl\Phase 2\I-2513AA_PHASE-2_TMP-16.dgn

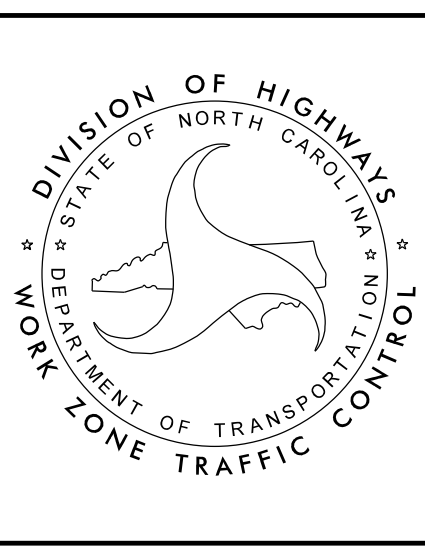


ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED:
 DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

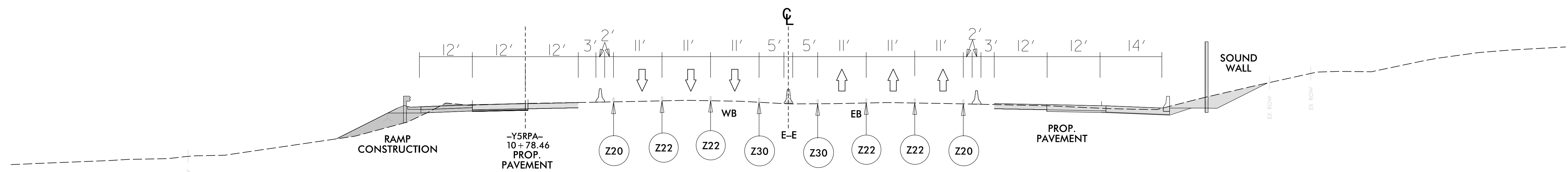


DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

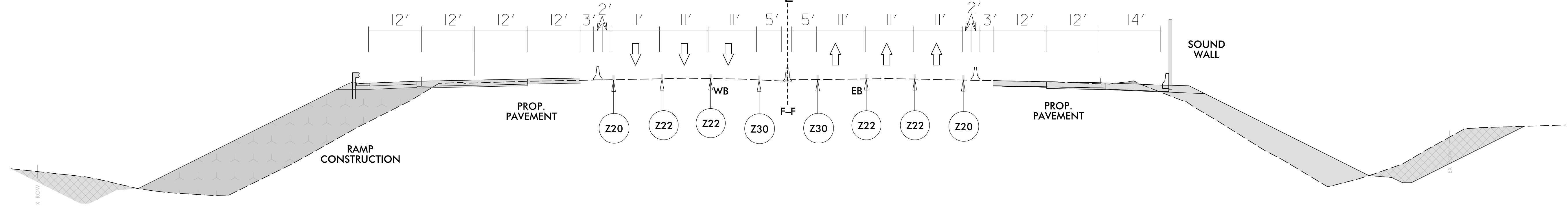
TEMPORARY TRAFFIC CONTROL PHASE II DETAIL AREA 1

E-E

I-25 PHASE 2



F-F



04-JAN-2024 09:01 AM C:\Projects\I-25\Phase II\Traffic Control\Traffic Control\Phase 2\I-2513AA-Phase-2_TMP-17.dgn

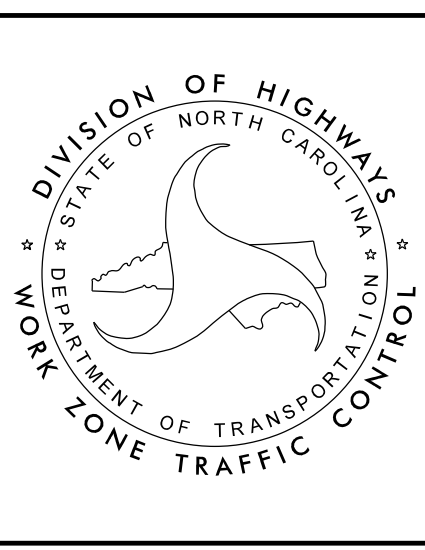
LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

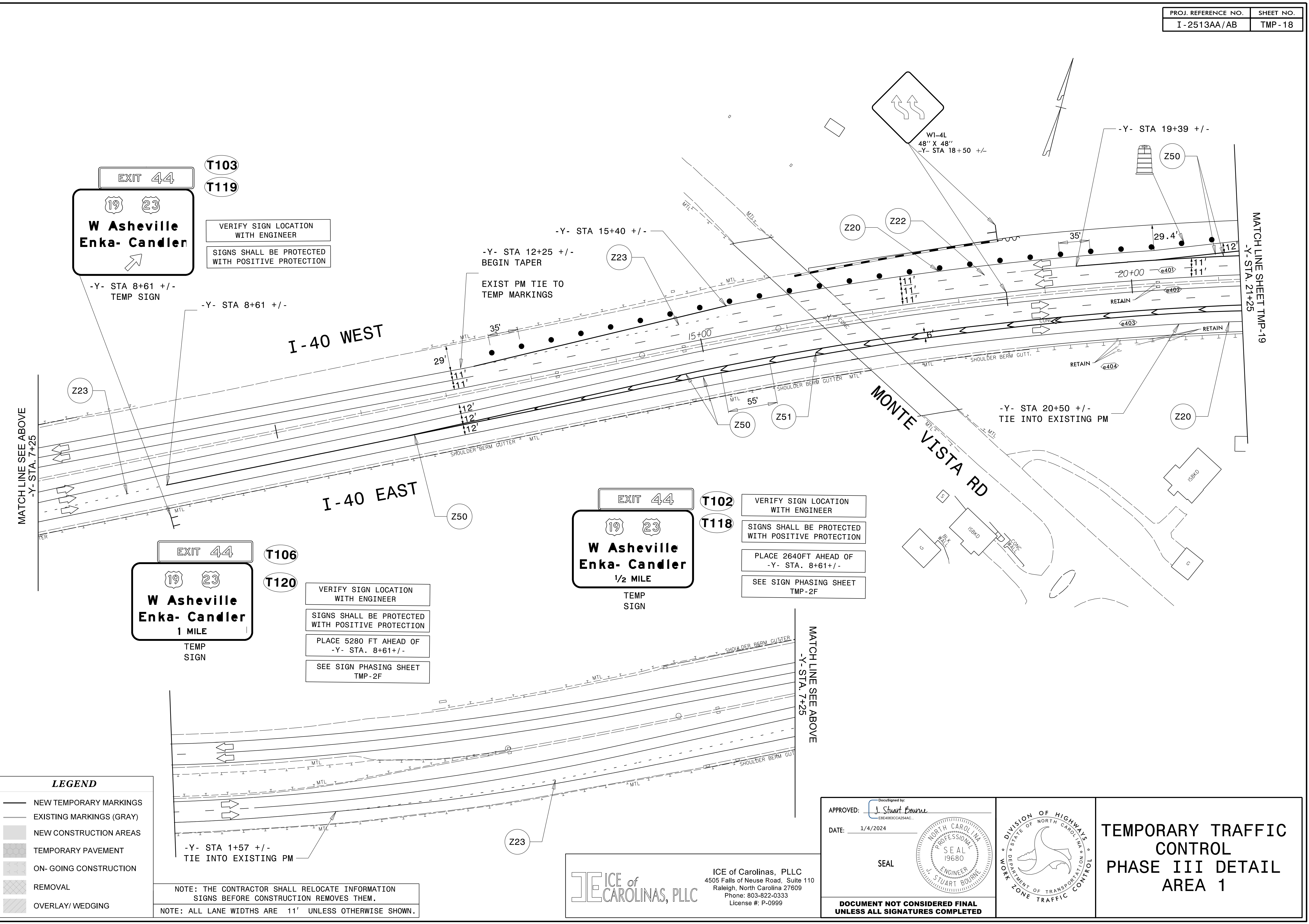
NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

ICE of CAROLINAS, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED:
 DATE: 1/4/2024
 SEAL
 NORTH CAROLINA PROFESSIONAL SEAL 19680
 J. STUART BOURNE ENGINEER
 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASE II DETAIL AREA 1



LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
 NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

EXIT 44
T106
T120

W Asheville Enka-Candler
 1 MILE
 TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER
 SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION
 PLACE 5280 FT AHEAD OF -Y- STA. 8+61 +/-
 SEE SIGN PHASING SHEET TMP-2F

EXIT 44
T102
T118

W Asheville Enka-Candler
 1/2 MILE
 TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER
 SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION
 PLACE 2640 FT AHEAD OF -Y- STA. 8+61 +/-
 SEE SIGN PHASING SHEET TMP-2F

EXIT 44
T103
T119

W Asheville Enka-Candler

VERIFY SIGN LOCATION WITH ENGINEER
 SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

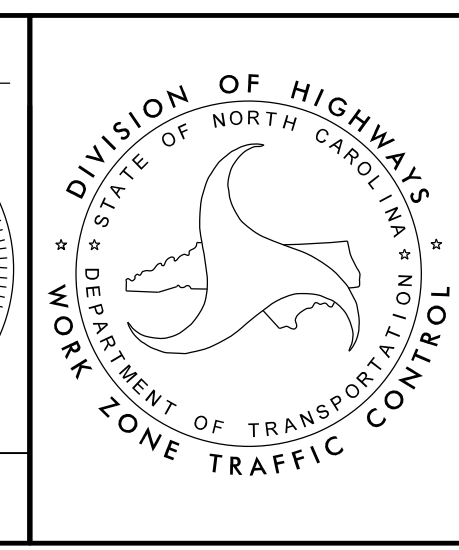
04-JAN-2024 09:03 R:\Projects\2513AA\08-01-2513AA_Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 3\I-2513AA_Phase_3_TMP-18.dgn

ICE of CAROLINAS, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

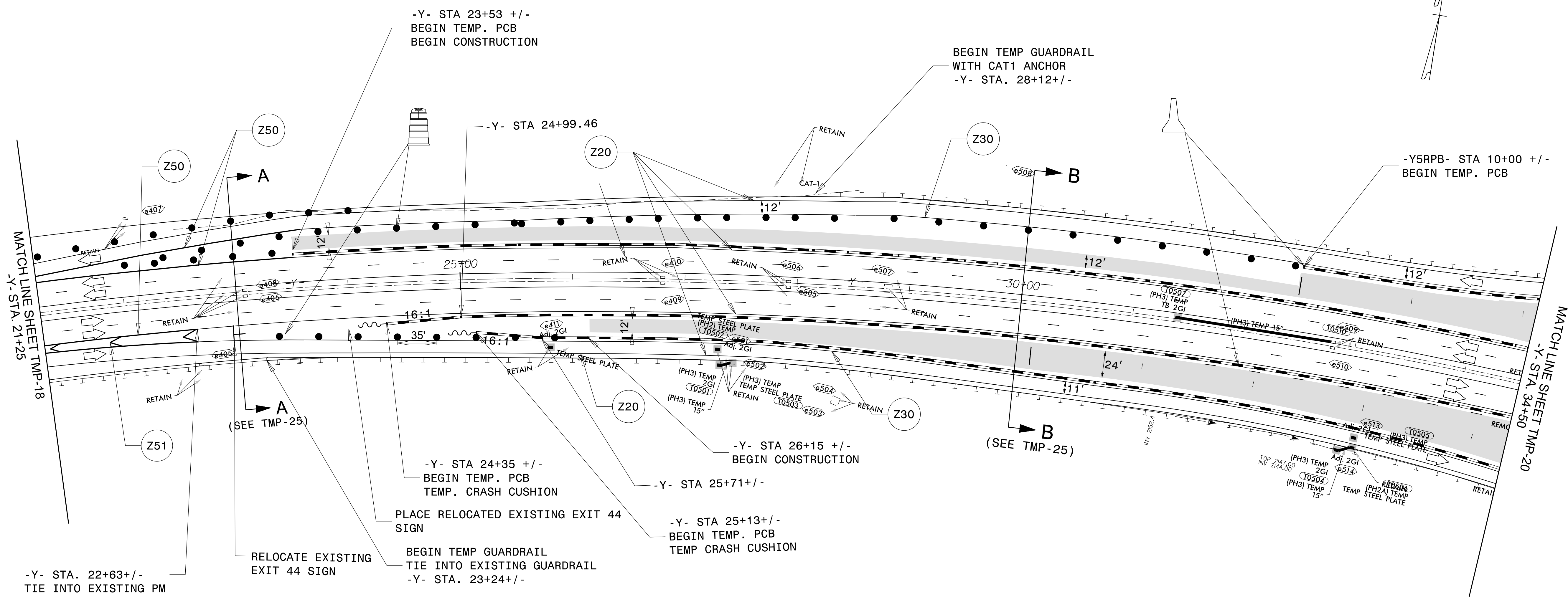
APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASE III DETAIL AREA 1



-Y- STA. 22+63 +/-
TIE INTO EXISTING PM

RELOCATE EXISTING
EXIT 44 SIGN

-Y- STA 24+35 +/-
BEGIN TEMP. PCB
TEMP. CRASH CUSHION

PLACE RELOCATED EXISTING EXIT 44
SIGN

BEGIN TEMP GUARDRAIL
TIE INTO EXISTING GUARDRAIL
-Y- STA. 23+24 +/-

-Y- STA 25+13 +/-
BEGIN TEMP. PCB
TEMP CRASH CUSHION

-Y- STA 25+71 +/-

-Y- STA 26+15 +/-
BEGIN CONSTRUCTION

BEGIN TEMP GUARDRAIL
WITH CAT1 ANCHOR
-Y- STA. 28+12 +/-

-Y5RPB- STA 10+00 +/-
BEGIN TEMP. PCB

LEGEND	
	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION
SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

04-JAN-2024 09:05 R:\Projects\I-2513A-Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 3\I-2513AA-Phase_3_TMP-19.dgn

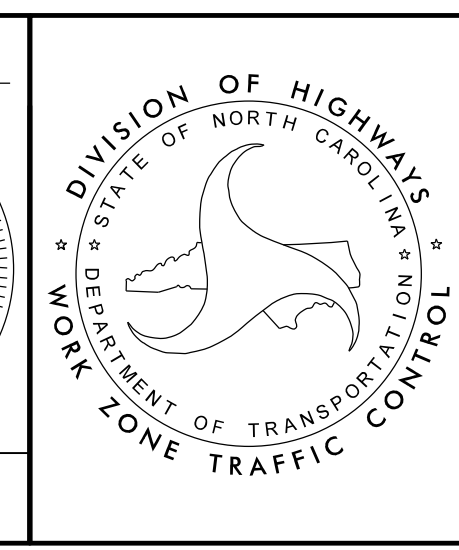


ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

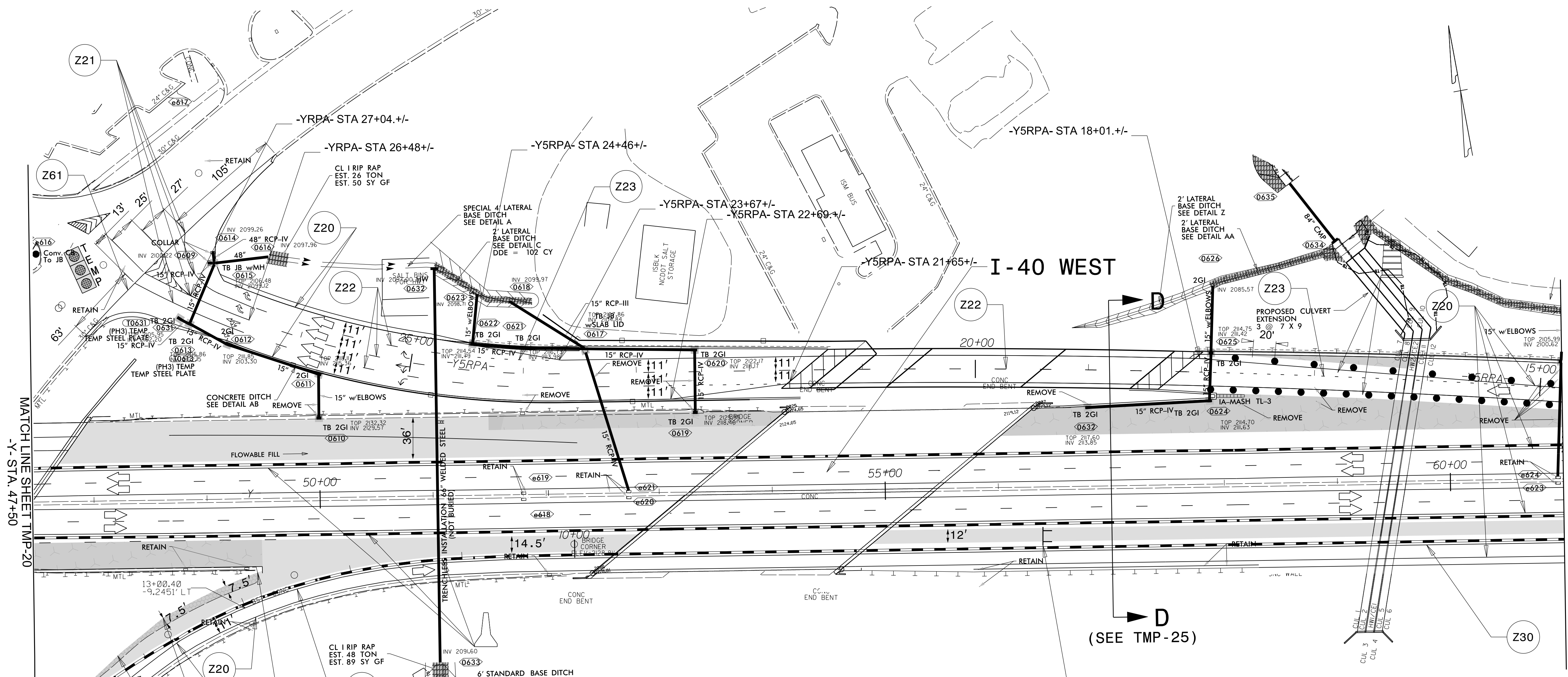
SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



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

**TEMPORARY TRAFFIC CONTROL
PHASE III DETAIL
AREA 1**



MATCH LINE SHEET TMP-20
-Y- STA. 47+50

MATCH LINE SHEET TMP-22
-Y- STA. 61+00

MATCH LINE SEE INSET
-Y5RPD- STA 15+00

MATCH LINE INSET
-Y5RPD- STA 15+00

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.



-Y- STA 56+40 +/-
TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER

SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

04-JAN-2024 09:07
R:\PROJECTS\21-08-01-I-2513A-Work Zone Traffic Control\Traffic Control\Phase 3\I-2513AA-Phase-3-TMP-21.dgn
ZG081112K AT C1F5103

ICE of CAROLINAS, PLLC

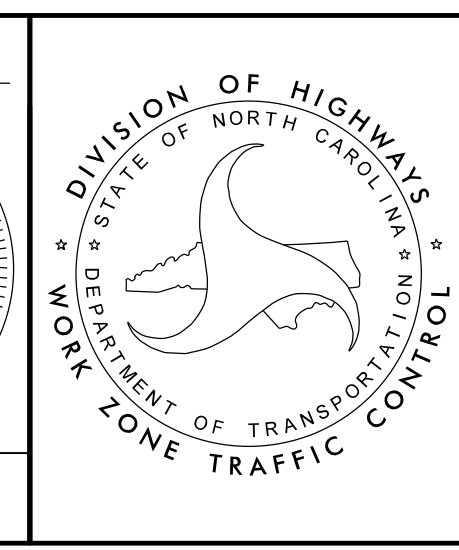
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED:

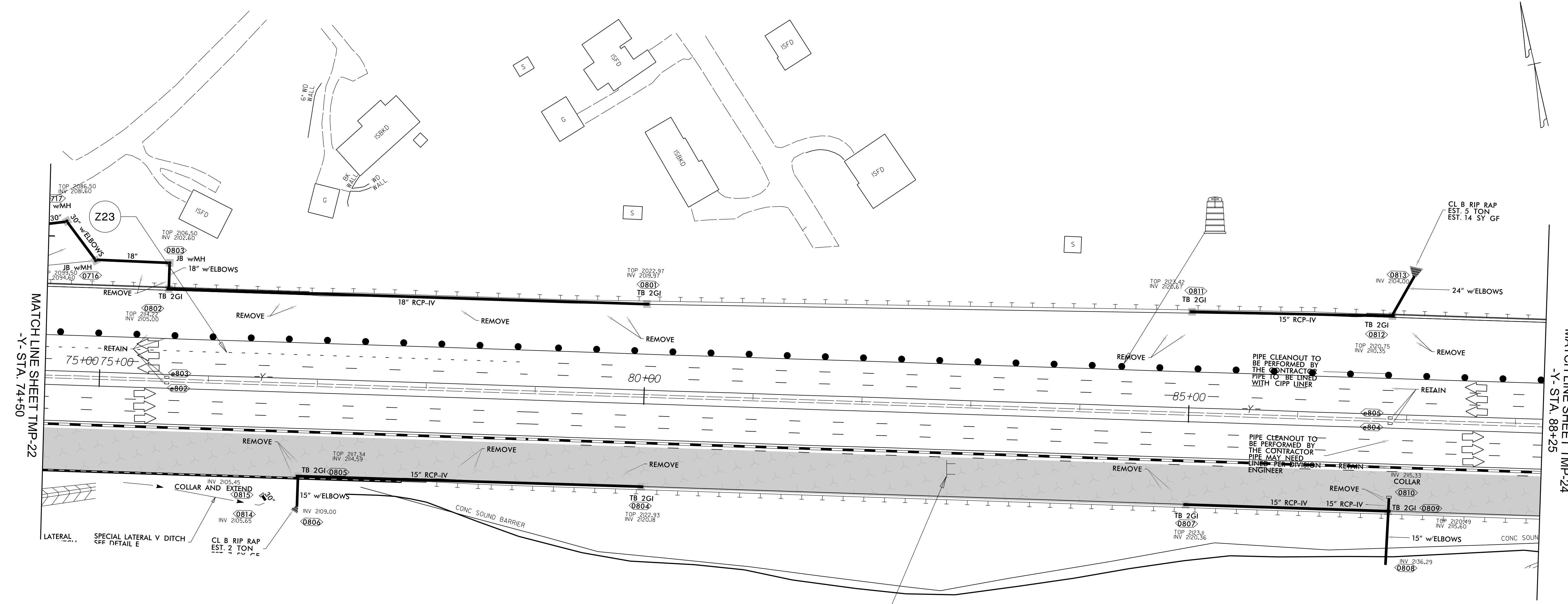
DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

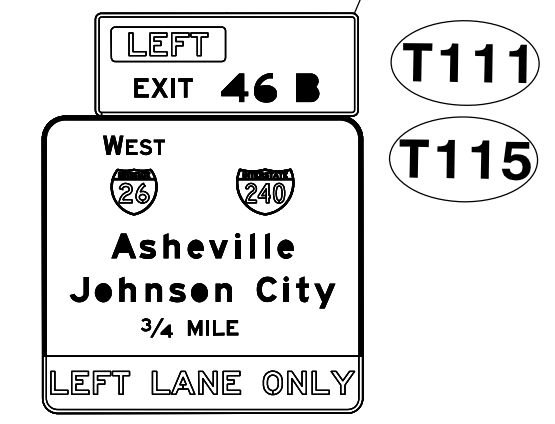


TEMPORARY TRAFFIC CONTROL PHASE III DETAIL AREA 1



MATCH LINE SHEET TMP-22
-Y- STA. 74+50

MATCH LINE SHEET TMP-24
-Y- STA. 88+25



-Y- STA 82+80 +/-
TEMP SIGN

VERIFY SIGN LOCATION
WITH ENGINEER

SIGNS SHALL BE PROTECTED
WITH POSITIVE PROTECTION

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

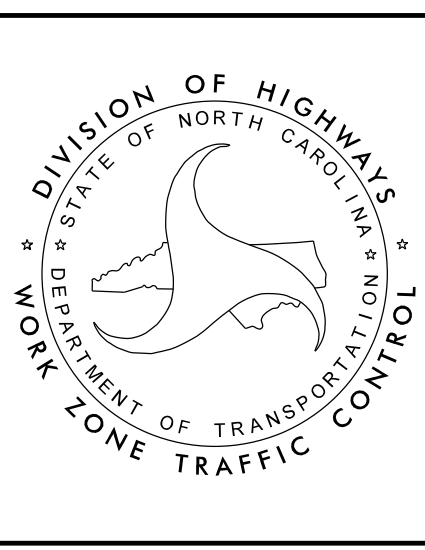
NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

ICE of CAROLINAS, PLLC
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



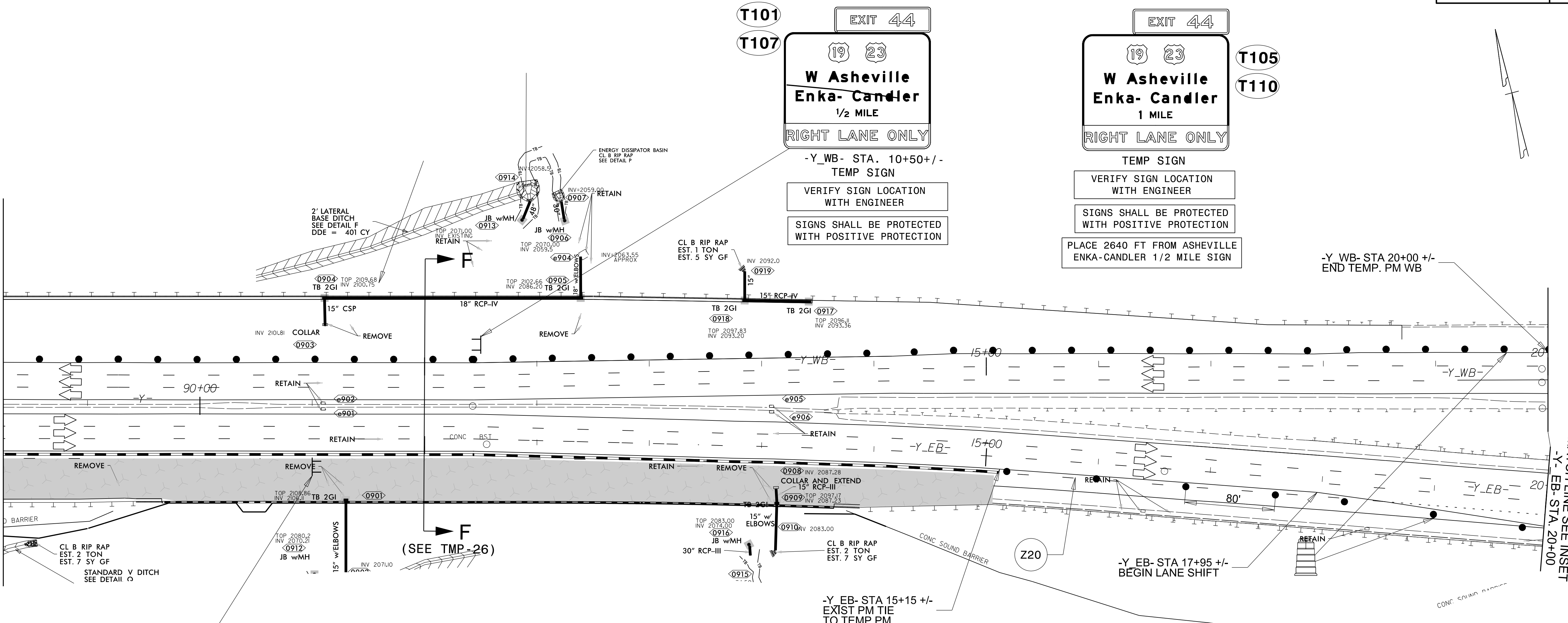
TEMPORARY TRAFFIC CONTROL PHASE III DETAIL AREA 1

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

04-JAN-2024 09:12
R:\Projects\I-25\08-01-253A_Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 3\I-253AA-Phase_3_TMP-23.dgn
ZG08141412K AT C1F5103

MATCH LINE SHEET TMP-23
-Y- STA. 88+25

MATCH LINE SEE INSET
-Y- EB- STA. 20+00



T101 **EXIT 4.4**

T107

19 23

W Asheville Enka-Candler

1/2 MILE

RIGHT LANE ONLY

-Y_WB- STA. 10+50 +/-

TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER

SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

EXIT 4.4

T105

T110

19 23

W Asheville Enka-Candler

1 MILE

RIGHT LANE ONLY

TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER

SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

PLACE 2640 FT FROM ASHEVILLE ENKA-CANDLER 1/2 MILE SIGN

EXIT 46 A

T108

T113

EAST 26 EAST 74

Hendersonville Spartanburg

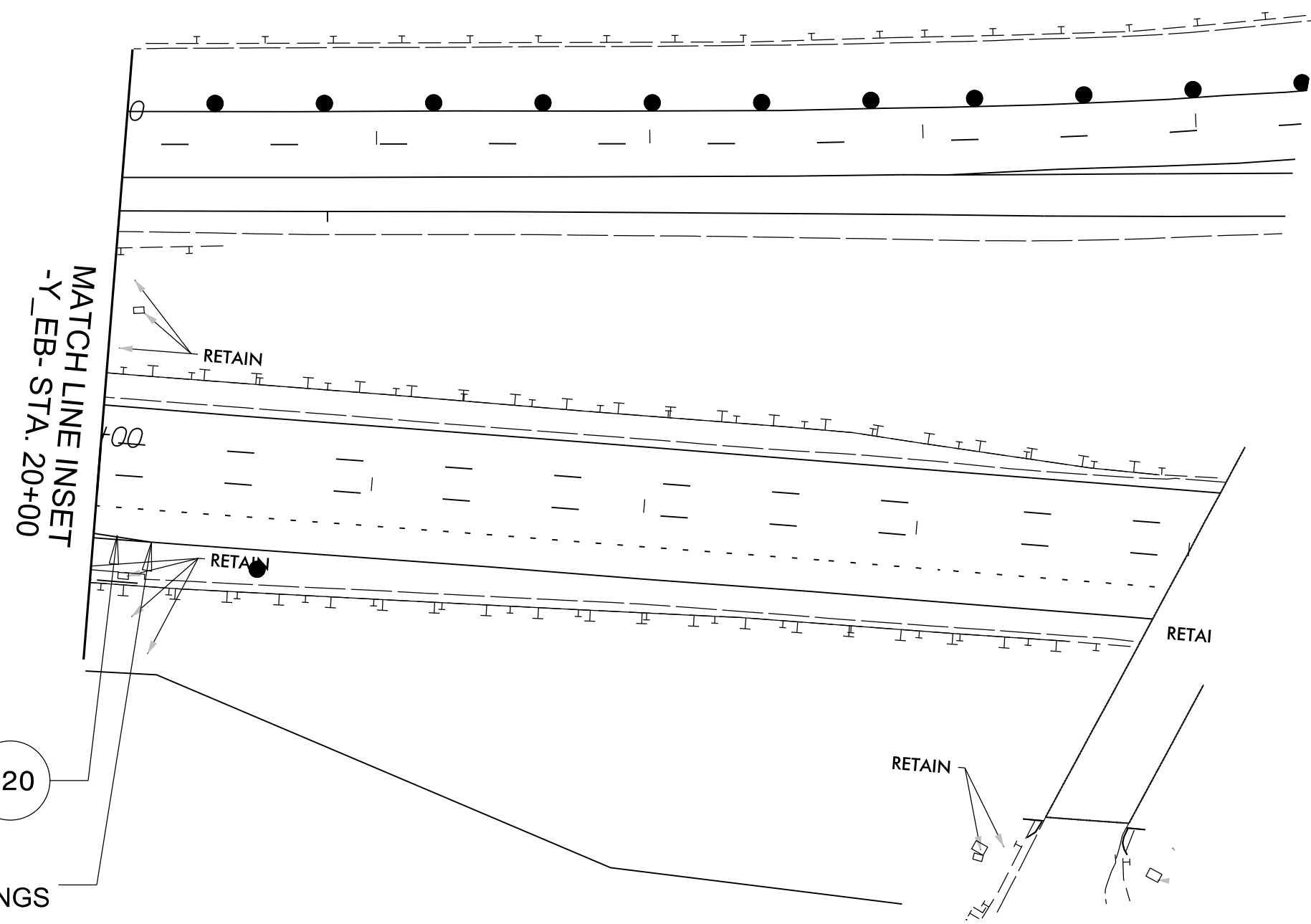
1/2 MILE

-Y- STA 91+00 +/-

TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER

SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION



LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

ICE of Carolinas, PLLC

ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

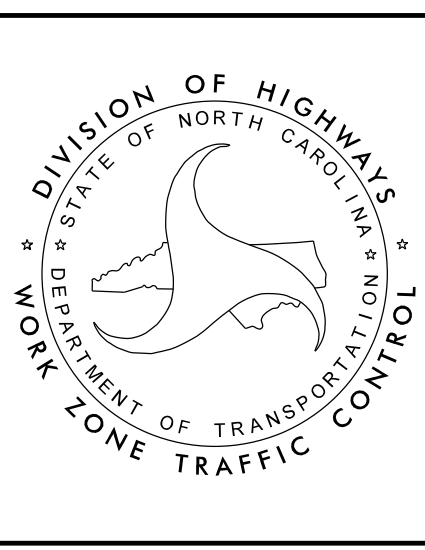
APPROVED: *J. Stuart Bourne*

DATE: 1/4/2024

SEAL

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



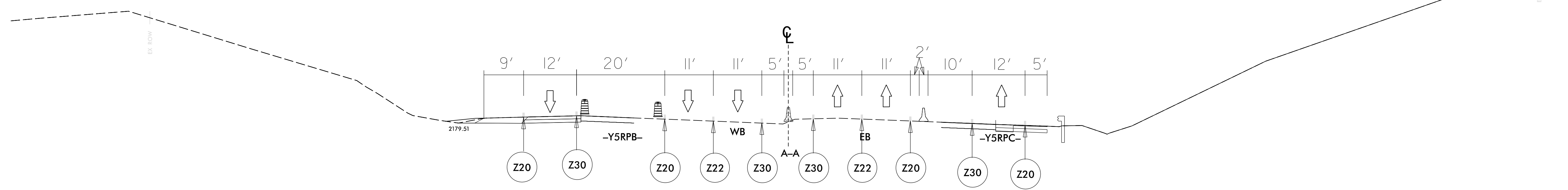
TEMPORARY TRAFFIC CONTROL PHASE III DETAIL AREA 1

WORK ZONE TRAFFIC CONTROL

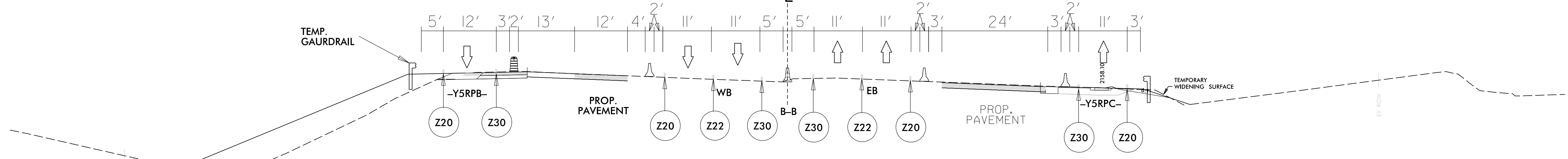
04-JAN-2024 09:44
R:\Projects\I-25\08-01-2513A-Work Zone Traffic Control\Traffic Control\Traffic Control\Phase 3\I-2513AA-Phase_3_TMP-24.dgn
ZG09141112K AT C1F5103

A-A

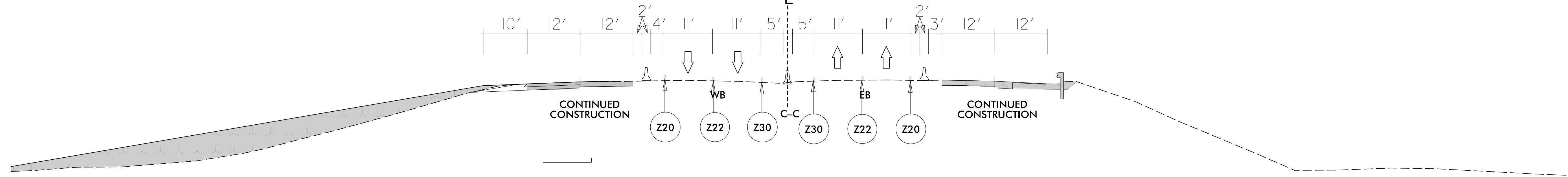
I-40 PHASE 3



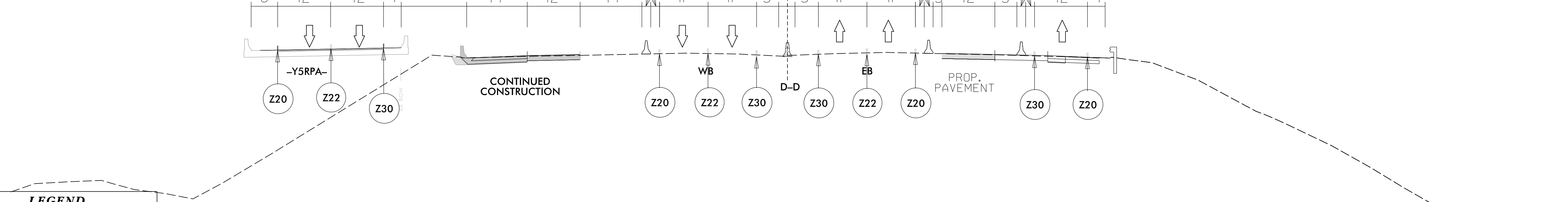
B-B



C-C



D-D



LEGEND

- NEW TEMPORARY MARKINGS
- EXISTING MARKINGS (GRAY)
- NEW CONSTRUCTION AREAS
- TEMPORARY PAVEMENT
- ON-GOING CONSTRUCTION
- REMOVAL
- OVERLAY/WEDGING

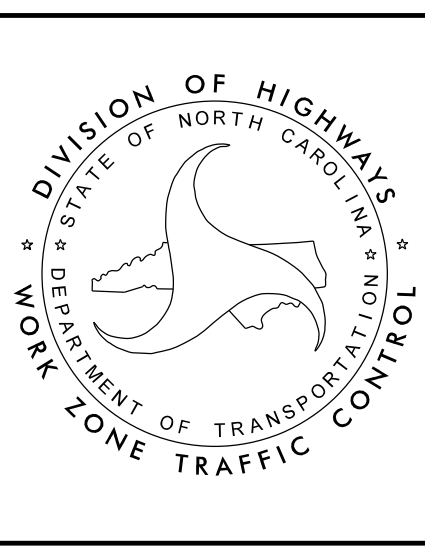
NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

04-JAN-2024 09:58:01 I-2513A Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 3\I-2513AA-PHASE_3_TMP-25.dgn



ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED:
 DATE: 1/4/2024
 SEAL
 DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

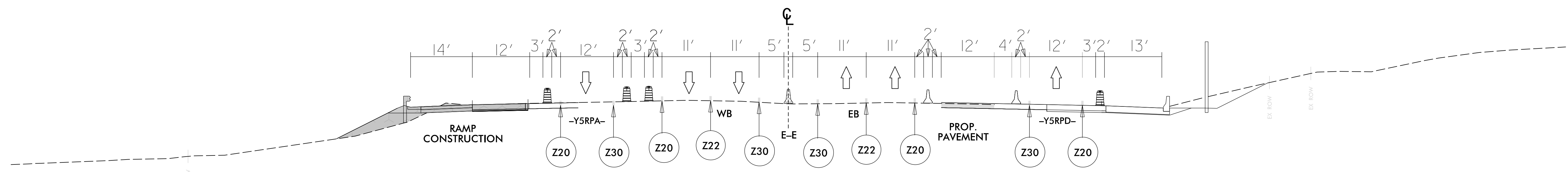


DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

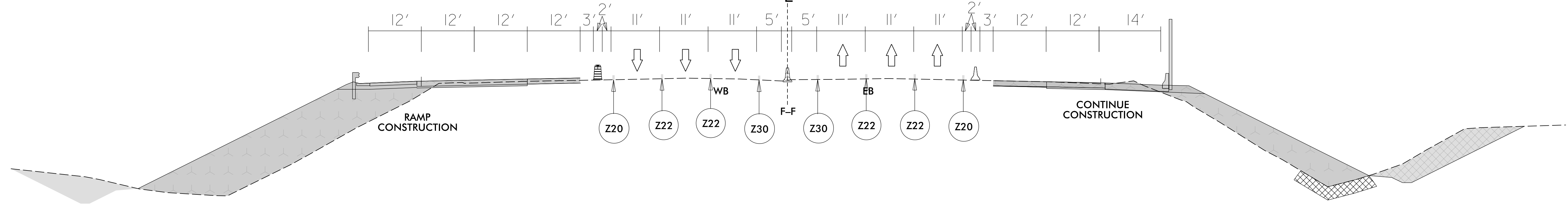
TEMPORARY TRAFFIC CONTROL
 PHASE III DETAIL
 AREA 1

E-E

I-40 PHASE 3



F-F



04-JAN-2024 09:16 AM
R:\Projects\I-40\08-01-2513A_Work Zone Traffic Control\Traffic Control\CP\ProjectWise\Phase 3\I-2513AA_PHASE_3_TMP-26.dgn
ZG09141412K AT C:\P103

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

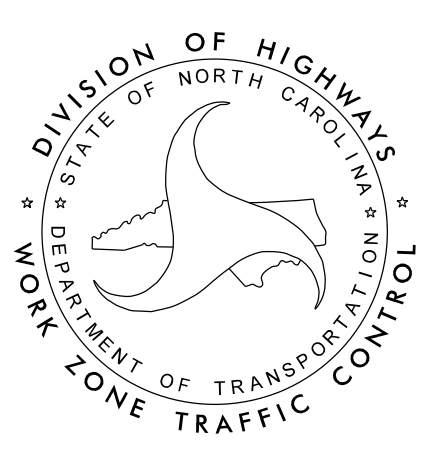
NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

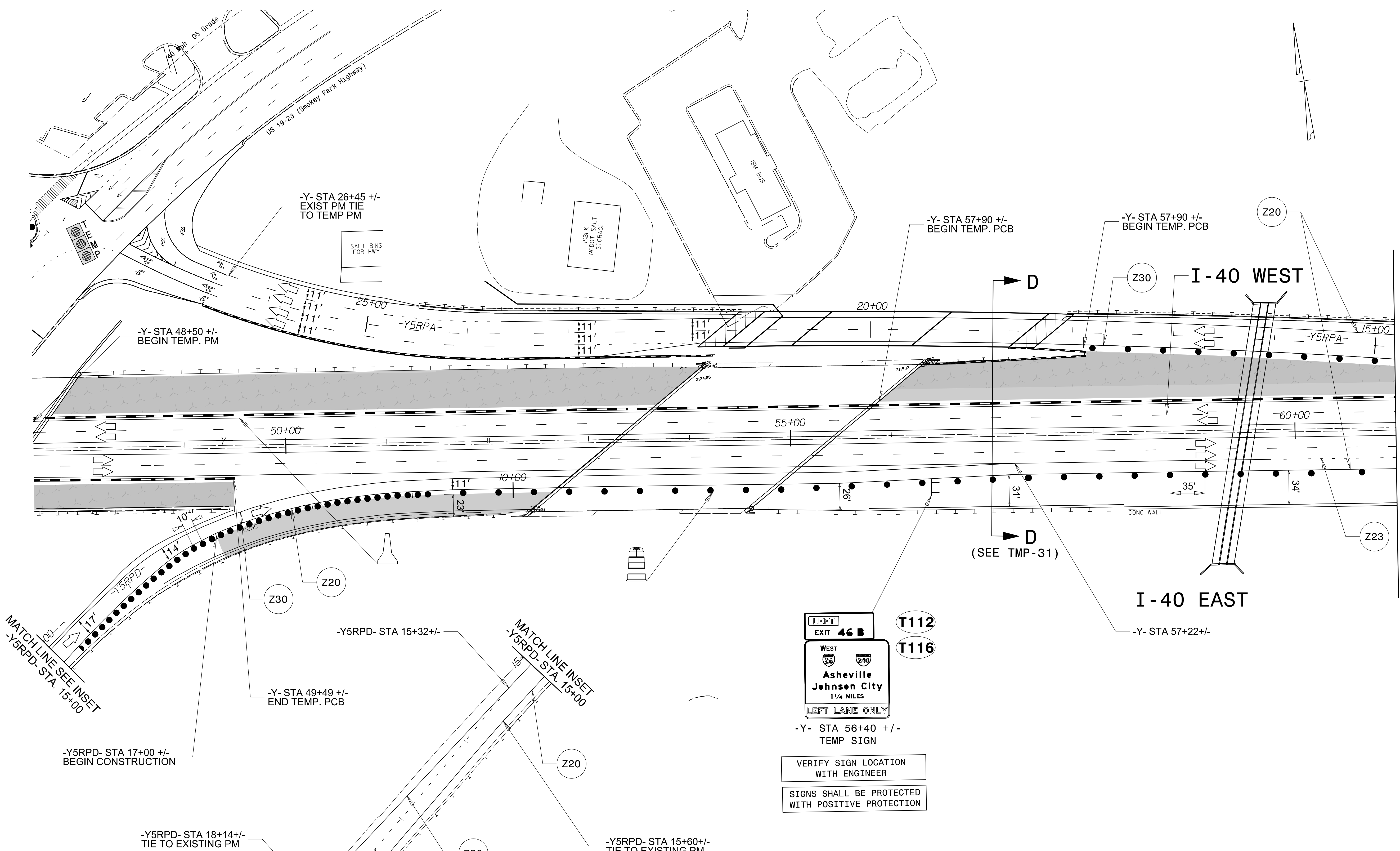
APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASE III DETAIL AREA 1



MATCH LINE SEE INSET
-Y5RPD- STA. 15+00

MATCH LINE INSET
-Y5RPD- STA. 15+00

MATCH LINE SHEET TMP-28
-Y- STA. 61+00

LEGEND	
	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

LEFT EXIT 46 B
WEST 26 240
Asheville
Johnson City
1 1/4 MILES
LEFT LANE ONLY

T112
T116

-Y- STA 56+40 +/-
TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER

SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

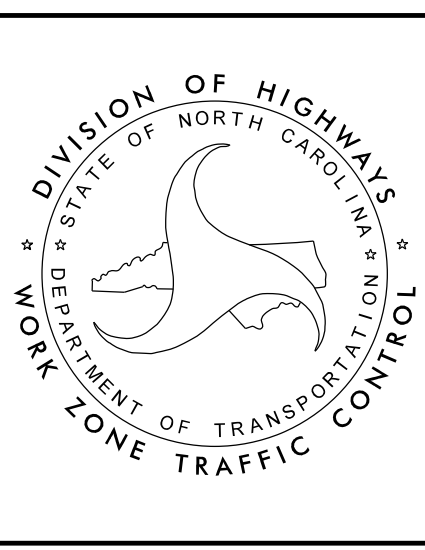
04-JAN-2024 09:17
R:\PROJECTS\1-08-01-2513A_Work Zone Traffic Control\Traffic Control\Phase 3A\I-2513AA_PHASE_3A_TMP-27.dgn
Z:\CONTRACTS\1-08-01-2513A\AT_C1F5103

ICE of CAROLINAS, PLLC
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

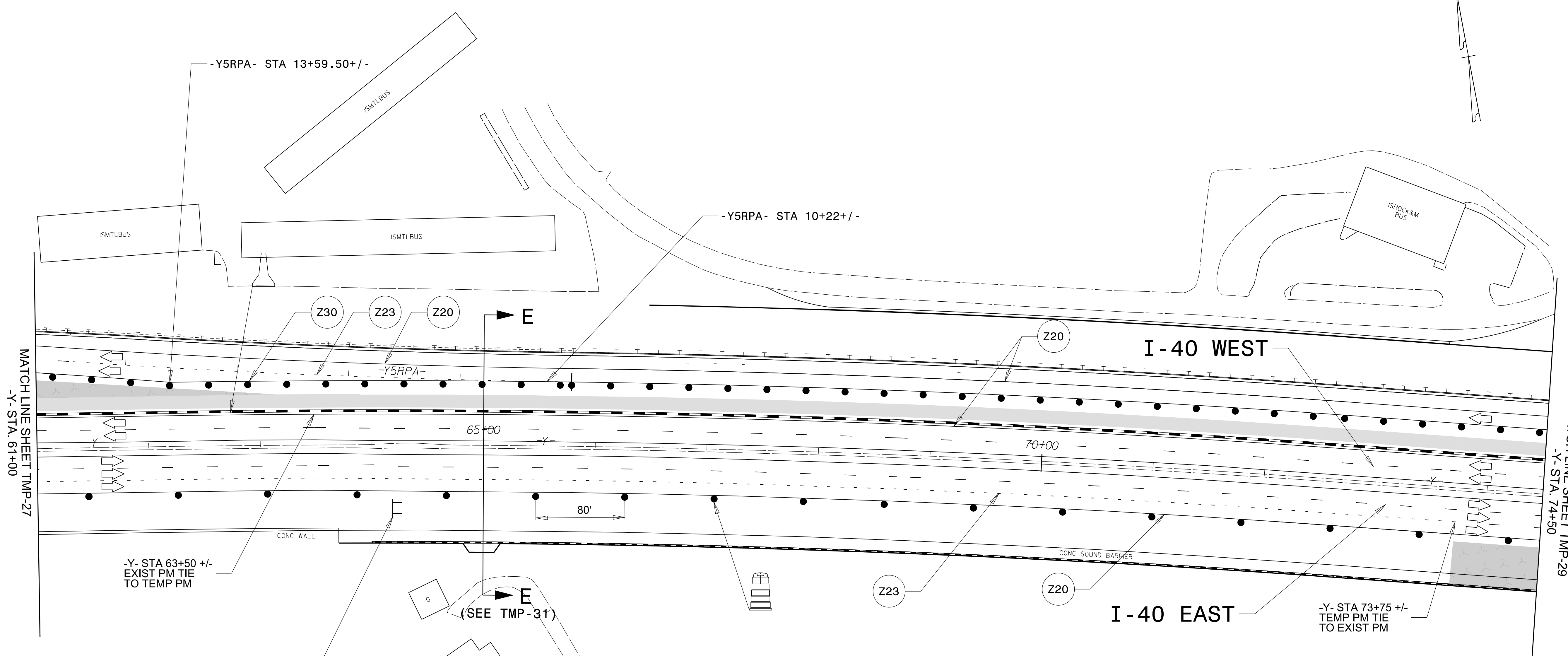
APPROVED: *J. Stuart Bourne*
DATE: 1/4/2024

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
19680
J. STUART BOURNE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

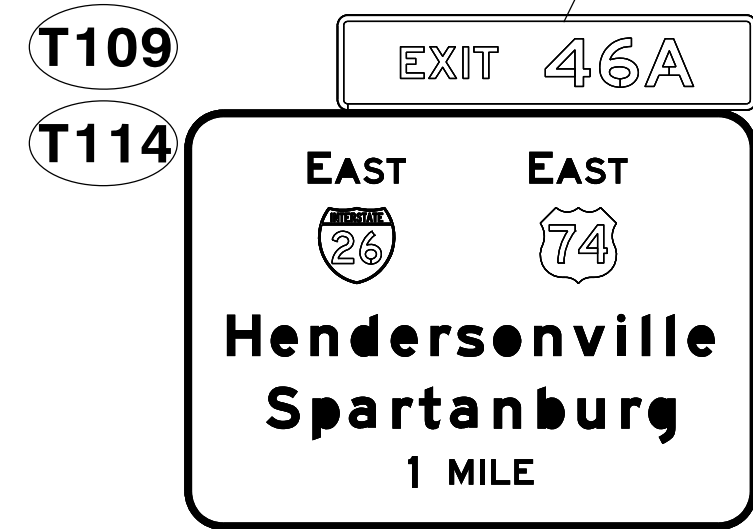


TEMPORARY TRAFFIC CONTROL PHASE IIIA DETAIL AREA 1



MATCH LINE SHEET TMP-27
-Y- STA. 61+00

MATCH LINE SHEET TMP-29
-Y- STA. 74+50



-Y- STA 64+32 +/-
TEMP SIGN

VERIFY SIGN LOCATION WITH ENGINEER

SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION

LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

04-JAN-2024 09:18 R:\Projects\14-08-01-2513A_Work Zone Traffic Control\Traffic Control\CP\ProjectWise\Phase 3A\I-2513AA_PHASE_3A_TMP-28.dgn



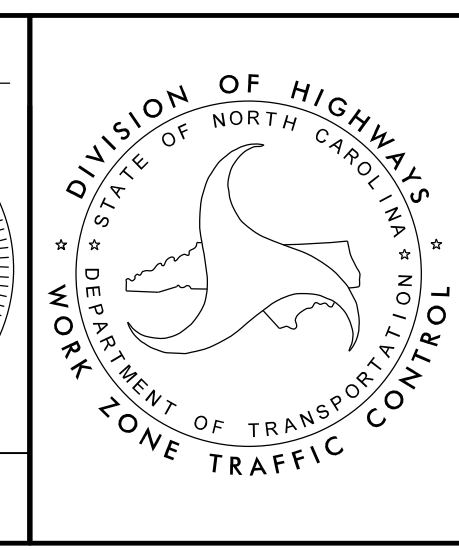
ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: *J. Stuart Bourne*
ESE4083CCA254AC

DATE: 1/4/2024

SEAL

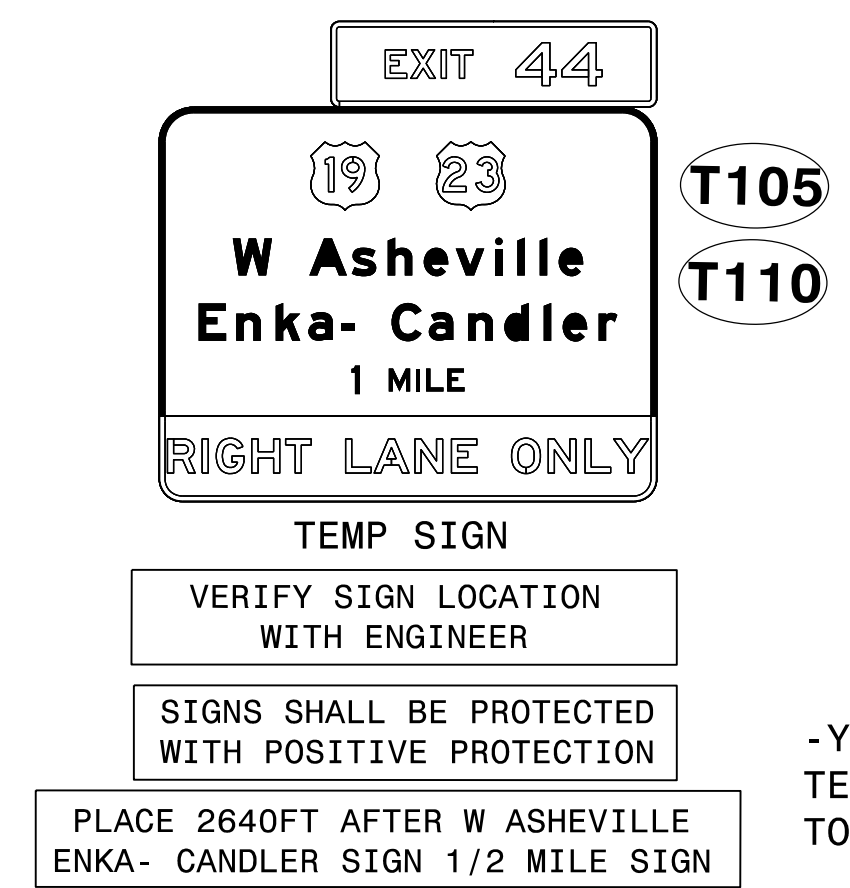
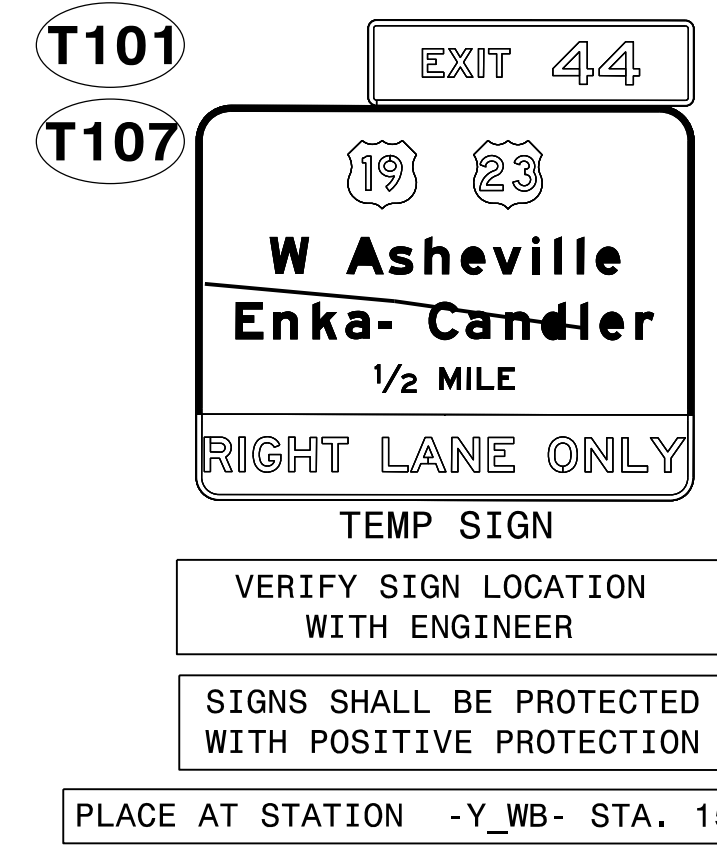
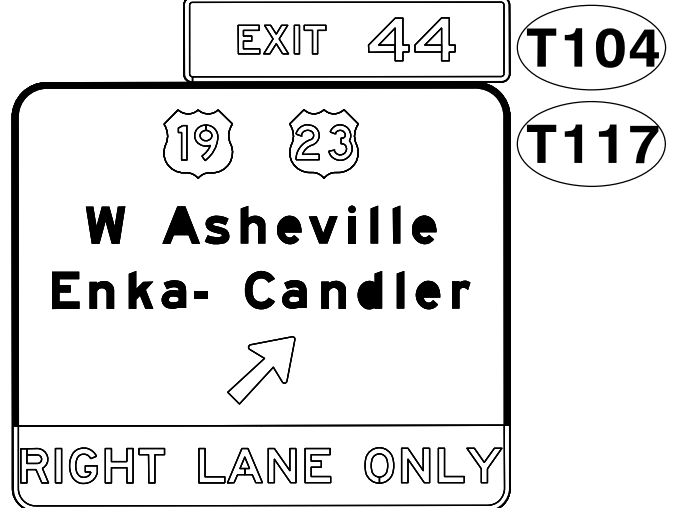
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



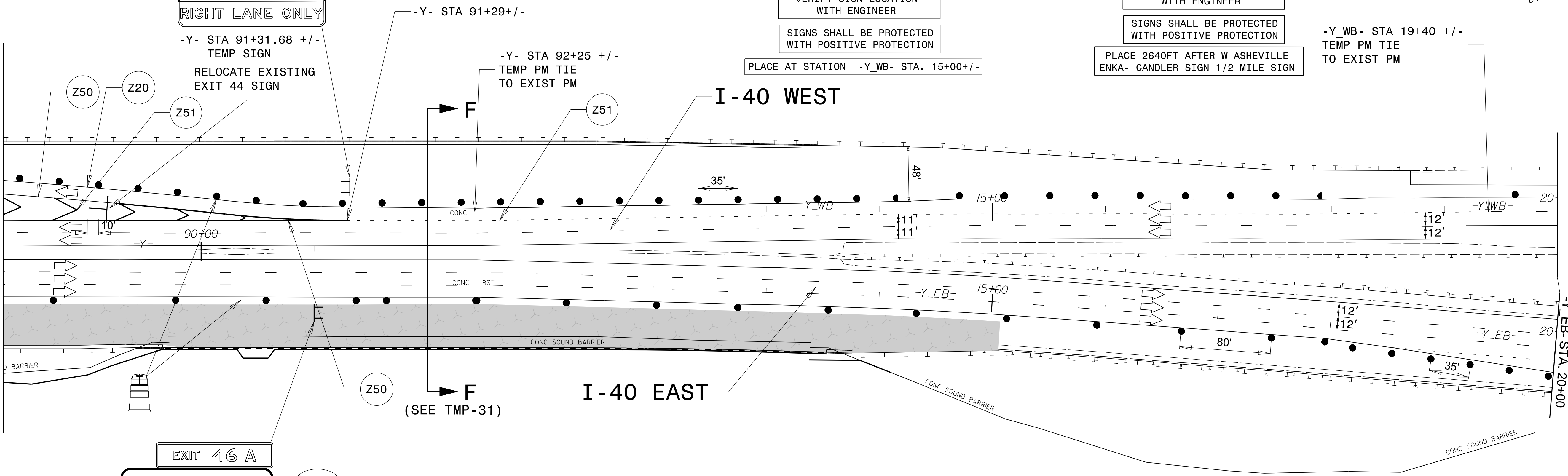
TEMPORARY TRAFFIC CONTROL PHASE IIIA DETAIL AREA 1

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

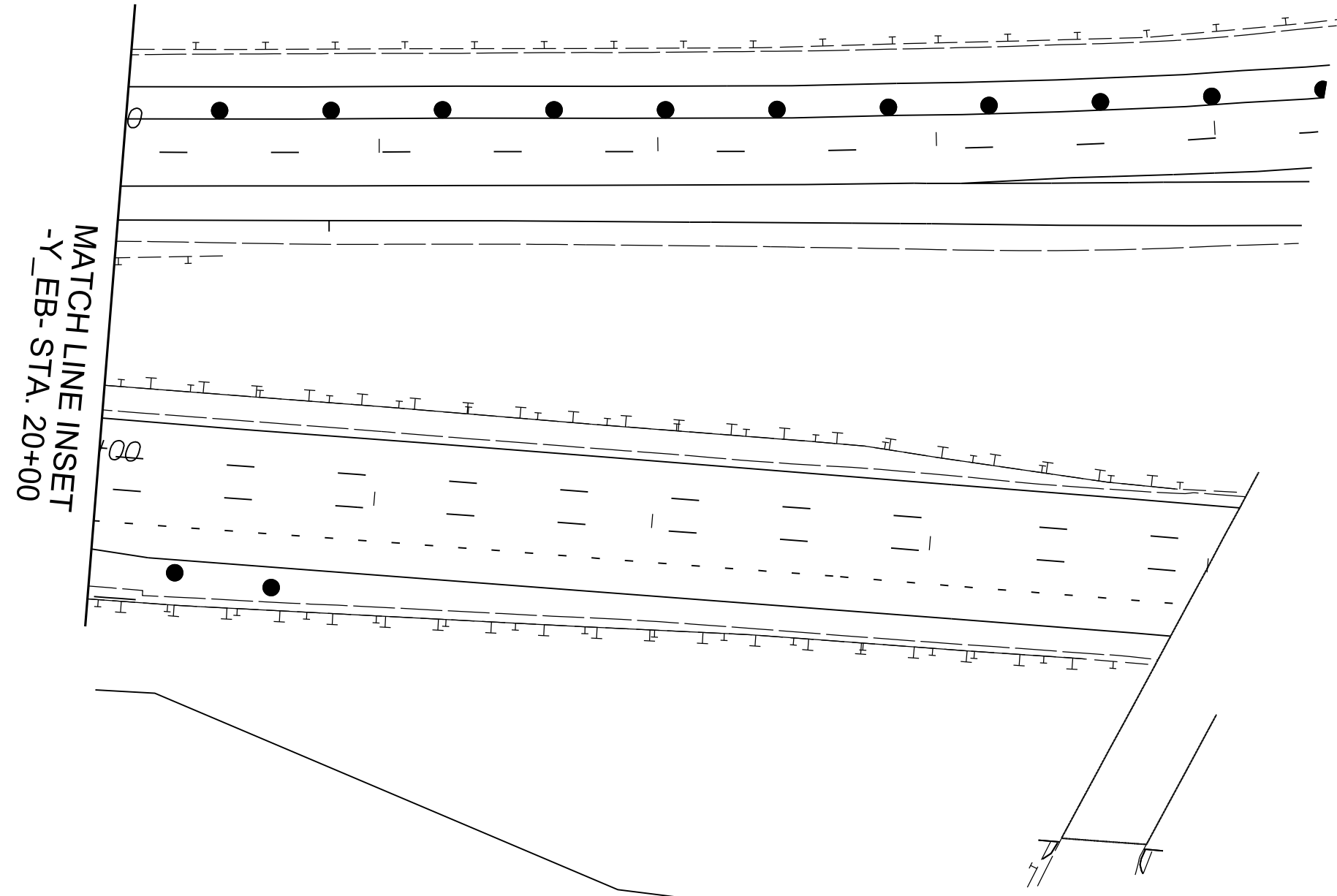
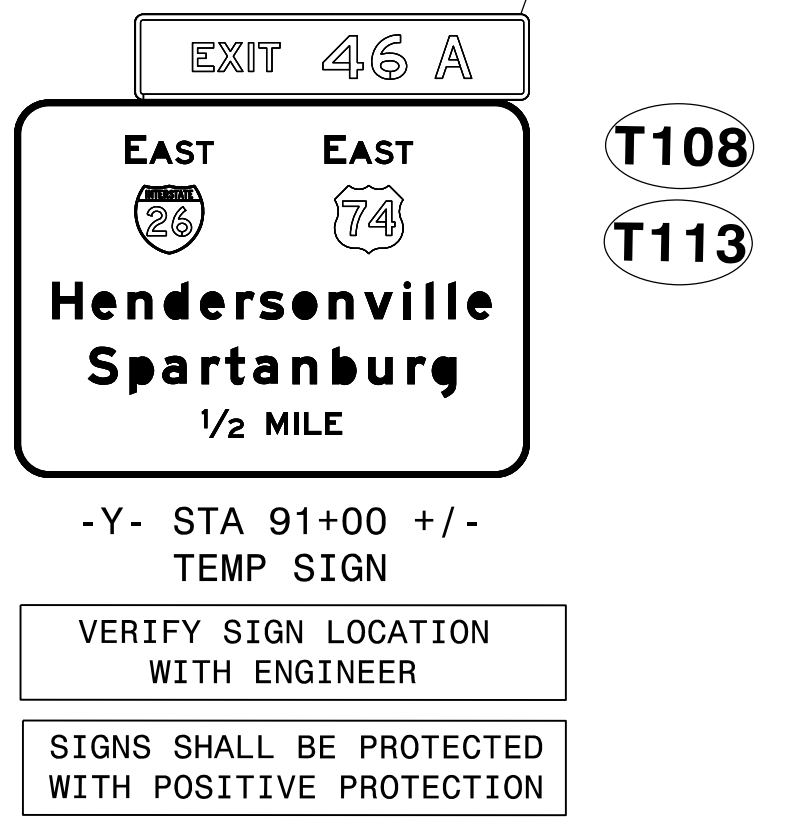
VERIFY SIGN LOCATION WITH ENGINEER
SIGNS SHALL BE PROTECTED WITH POSITIVE PROTECTION



MATCH LINE SHEET TMP-29
-Y- STA. 88+25



MATCH LINE SEE INSET
-Y_EB- STA. 20+00



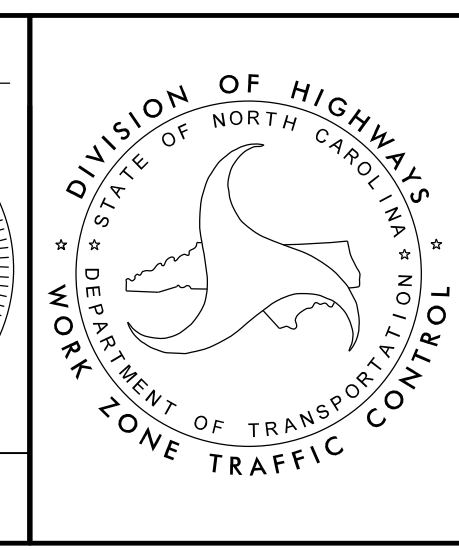
LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON- GOING CONSTRUCTION
	REMOVAL
	OVERLAY/ WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

ICE of CAROLINAS, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024
 SEAL
 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

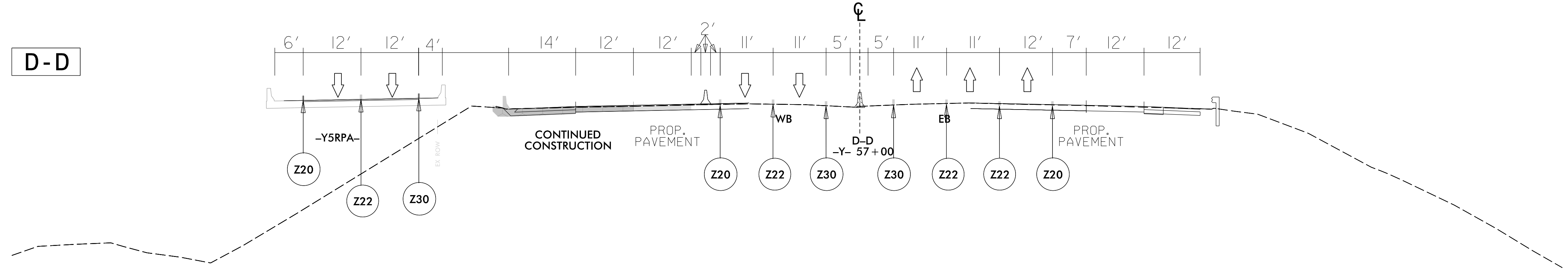


TEMPORARY TRAFFIC CONTROL PHASE IIIA DETAIL AREA 1

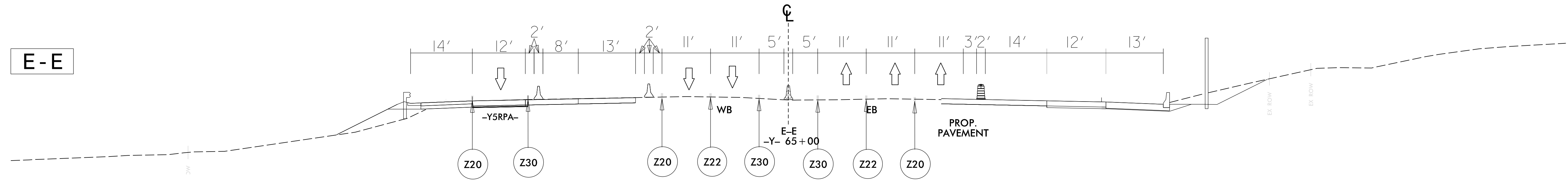
04-JAN-2024 01:21
R:\Projects\I-2513AA\Phase 3A\I-2513AA_Phase 3A_TMP-30.dgn
3A\I-2513AA_Phase 3A\Traffic Control\Traffic Control\ProjectWise\Phase 3A\I-2513AA_Phase 3A_TMP-30.dgn

I-25 PHASE 3

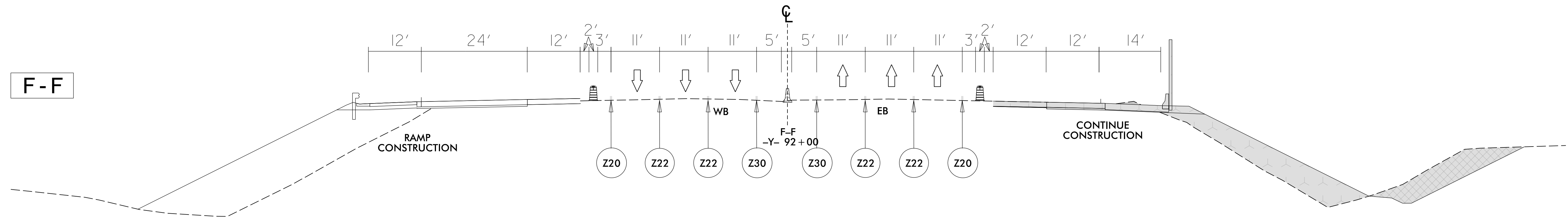
D-D



E-E



F-F



LEGEND

	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.

NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

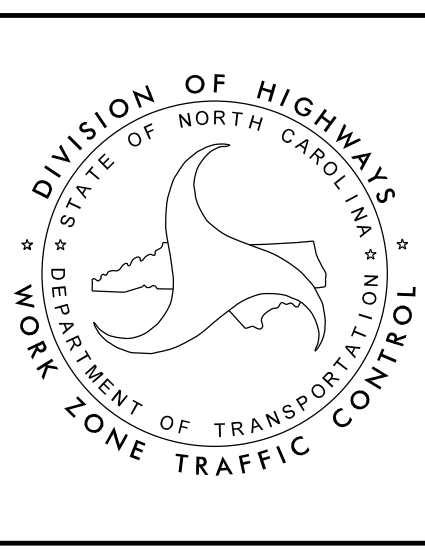
04-JAN-2024 09:22
 R:\PROJECTS\I-25\08-01-2513A_Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 3A\I-2513AA_PHASE_3A_TMP-31.dgn
 ZG08141412K AT C1F5103

ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

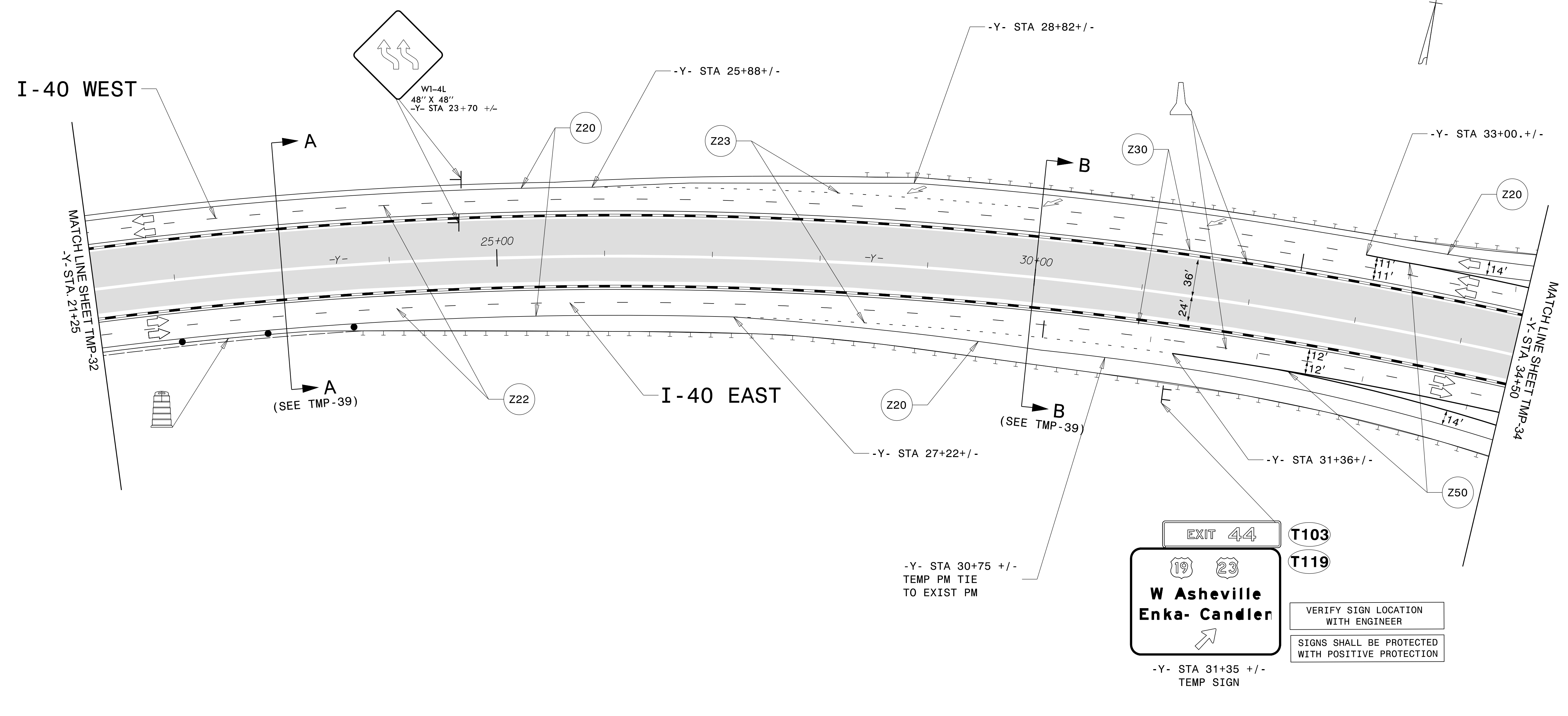
APPROVED: *J. Stuart Bourne*
 DATE: 1/4/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASE IIIA DETAIL AREA 1



04-JAN-2024 09:24
 R:\Projects\I-25\08_01I-253A_Work Zone Traffic Control\Traffic\TrafficControl\CP\ProjectWise\Phase 4\I-253AA-Phase_4_TMP-33.dgn
 ZG09141412K AT C1F5103

LEGEND	
	NEW TEMPORARY MARKINGS
	EXISTING MARKINGS (GRAY)
	NEW CONSTRUCTION AREAS
	TEMPORARY PAVEMENT
	ON-GOING CONSTRUCTION
	REMOVAL
	OVERLAY/WEDGING

NOTE: THE CONTRACTOR SHALL RELOCATE INFORMATION SIGNS BEFORE CONSTRUCTION REMOVES THEM.
 NOTE: ALL LANE WIDTHS ARE 11' UNLESS OTHERWISE SHOWN.

ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 803-822-0333
 License #: P-0999

APPROVED:
 DATE: 1/4/2024
 SEAL

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

TEMPORARY TRAFFIC CONTROL
PHASE IV DETAIL
AREA 1

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

