







TIP PROJECT: BR-0153

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION


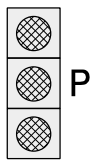
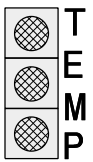

GENERAL

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

 WORK AREA

 REMOVAL







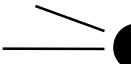

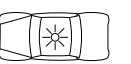

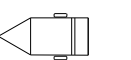
SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY
-  PORTABLE


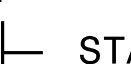
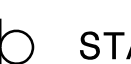
PAVEMENT MARKINGS

-  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

TEMPORARY PAVEMENT MARKING

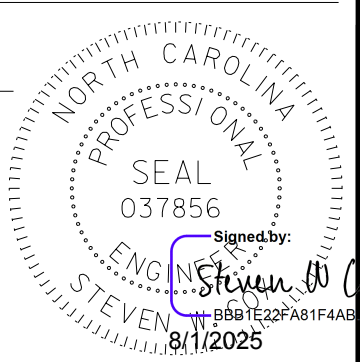
SYMBOL	DESCRIPTION
P20	PAINT WHITE EDGELINE (6")
P31	PAINT YELLOW SINGLE CENTER (6")
P32	PAINT 10 FT. YELLOW SKIP (6")
P33	PAINT YELLOW DOUBLE CENTER (6")
ME	RAISED PAVEMENT MARKERS (YELLOW & YELLOW)

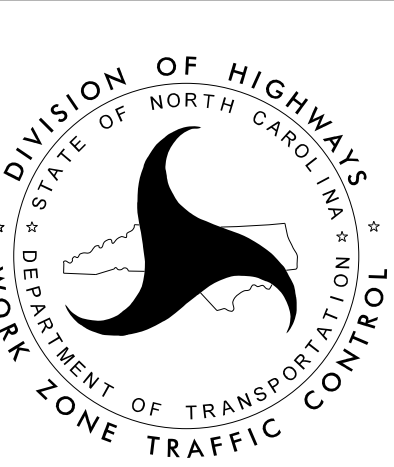
2/27/2025
Y:\Charlotte\7000400S\7000486.00_...BR-0153\Eng_Docs\NCDOT\TrafficControl\TCP\BR-0153.tmp_1A.dgn
User:scsx



NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(919) 275-2490

APPROVED: _____
DATE: _____





ROADWAY STANDARD
DRAWINGS & LEGEND

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-2

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

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 DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

NC 11

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 A.M. DECEMBER 31st TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR’S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

B) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME

DAY AND TIME RESTRICTIONS

NC 11

MONDAY THROUGH SUNDAY 12:00 AM TO 11:59 PM

LANE AND SHOULDER CLOSURE REQUIREMENTS

C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

- D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE 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.
- G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- H) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN 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.

I) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- K) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- L) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

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

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

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

- N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- O) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

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

PAVEMENT MARKINGS AND MARKERS

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

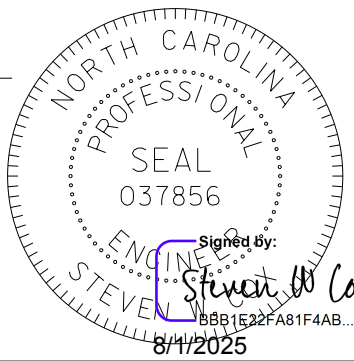
ROAD NAME	MARKING	MARKER
NC 11 (-L-)	PAINT	RAISED PAVEMENT MARKER
NC 11 ON-SITE DETOUR (-LDET-)	PAINT	RAISED PAVEMENT MARKER

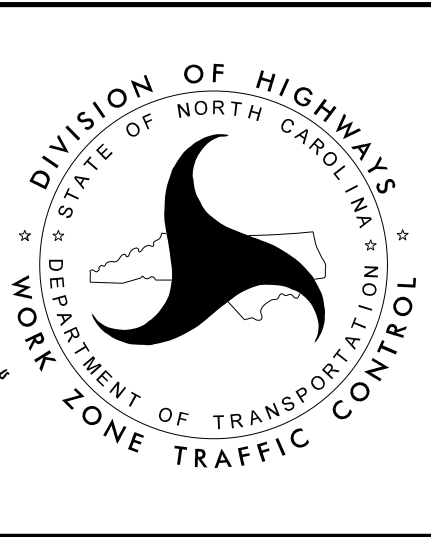
- T) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- U) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- V) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY’S OPERATION.

2/27/2025
U:\Charlotte\17000400S\170004086,00_..BR-0153\Eng_Docs\NCDDOT\TrafficControl\TCP\BR-0153.tmp-2.dgn
User:rsco



NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(984) 275-2490

APPROVED: _____
DATE: _____

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



GENERAL NOTES

PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-3

PHASING

NOTES

REPLACE MARKINGS AND RETURN TO THE CURRENT TRAFFIC PATTERN AT THE END OF EACH WORK PERIOD UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

COMPLETE ANY PROPOSED WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE. THIS MAY REQUIRE A COMBINATION OF INSTALLATION OF PROPOSED PIPES, TEMPORARY PIPES, STEEL PLATES, TEMPORARY MEDIAN, AND OUTSIDE DITCHES. PROVIDE WEDGING AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AND SMOOTH TRANSITIONS.

COMPLETE WEDGING AND WIDENING SIMULTANEOUSLY SO THAT CURRENT TRAFFIC PATTERNS, DROP-OFF REQUIREMENTS, AND POSITIVE DRAINAGE ARE MAINTAINED.

PAVE PROPOSED CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES UNTIL STATED TO INSTALL FINAL LAYER IN PHASING.

THE TERM RSD REFERS TO ROADWAY STANDARD DRAWINGS.

PHASE I - ON-SITE DETOUR BRIDGE CONSTRUCTION

INSTALL ADVANCED WARNING SIGNS ON -L- (NC 11/NC 42) IN ACCORDANCE WITH RSD 1101.01 SHEET 3 OF 3.

AWAY FROM TRAFFIC, CONSTRUCT THE ON-SITE DETOUR BRIDGE AND ROADWAY FROM -LDET- STA. 14+00 TO 27+25 AS SHOWN ON THE ROADWAY AND STRUCTURE PLANS. CONSTRUCT TEMPORARY DRIVEWAY ACCESS TO LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT. COORDINATE WITH LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT TO MAINTAIN DRIVEWAY ACCESS EXCEPT WHEN ACTIVELY WORKING IN FRONT OF IT.

INSTALL TEMPORARY MARKINGS AND MARKERS ON THE NEW SURFACE AS SHOWN ON RSD 1101.03 SHEET 3 OF 9. SEE SHEETS TMP-11 THRU TMP-13 AND RSD 1250.01 FOR PAVEMENT MARKING AND MARKER PLACEMENT.

PHASE II - ON-SITE DETOUR SUPERELEVATION TIE-INS

WORKING IN A CONTINOUS MANNER, COMPLETE STEPS 1 AND 2 TO TRANSITION TRAFFIC FROM THE EXISTING PATTERN TO THE TEMPORARY DETOUR.

STEP 1

USING RSD 1101.02, SHEET 1 OF 19, CLOSE THE NORTHBOUND LANE ON NC 11 AND BEGIN CONSTRUCTION OF THE TIE-IN SUPERELEVATION FOR THE DETOUR BRIDGE IN THE EXISTING NORTHBOUND LANE OF NC 11 FROM -L- STA. 17+50 TO 21+50 AND STA. 34+75 TO 37+75 (TMP-5 & TMP-6). COORDINATE WITH LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT TO MAINTAIN DRIVEWAY ACCESS EXCEPT WHEN ACTIVELY WORKING IN FRONT OF IT.

INSTALL NEW TEMPORARY MARKINGS AND MARKERS ON THE NEW SURFACE AS SHOWN ON RSD 1101.03. SEE SHEETS TMP-11 THRU TMP-13 AND RSD 1250.01 FOR PAVEMENT MARKING AND MARKER PLACEMENT.

STEP 2

CONTINUE USING RSD 1101.02, SHEET 1 OF 19, SHIFT TRAFFIC ONTO THE NORTHBOUND TRAVEL LANE OF THE TEMPORARY DETOUR AND CLOSE THE SOUTHBOUND LANE ON NC 11 AND COMPLETE CONSTRUCTION OF THE REMAINING TIE-IN SUPERELEVATION FOR THE DETOUR BRIDGE IN THE EXISTING SOUTHBOUND LANE OF NC 11 FROM -L- STA. 17+50 TO 20+50 AND STA. 35+50 TO 37+75 (TMP-8 & TMP-9). COORDINATE WITH LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT TO MAINTAIN DRIVEWAY ACCESS EXCEPT WHEN ACTIVELY WORKING IN FRONT OF IT.

INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS ON THE NEW SURFACE AS SHOWN ON RSD 1101.03 SHEET 3 OF 9. SEE SHEETS TMP-11 THRU TMP-13 AND RSD 1250.01 FOR PAVEMENT MARKING AND MARKER PLACEMENT.

PHASE III - NEW NC 11 BRIDGE CONSTRUCTION

OPEN THE SOUTHBOUND TRAVEL LANE OF THE TEMPORARY DETOUR AND USING RSD 1101.03 SHEET 3 OF 9, CONSTRUCT THE NEW NC 11 BRIDGE AND ROADWAY EXCEPT FOR FINAL LAYER OF SURFACE COURSE FROM -L- STA. 20+50 TO 35+50 AS SHOWN ON SHEETS TMP-12 THROUGH TMP-13. CONSTRUCT TEMPORARY RIGHT SHOULDER SLOPE AT 2:1 IN LIEU OF FINAL SLOPE PER THE ROADWAY TYPICALS FROM -L- STA. 22+00 TO 35+00.

INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS ON THE NEW SURFACE AS SHOWN ON RSD 1101.03 SHEET 3 OF 9. SEE SHEETS TMP-18 AND TMP-19 AND RSD 1250.01 FOR PAVEMENT MARKING AND MARKER PLACEMENT.

PHASE IV - CONSTRUCT REMAINING ROADWAY

WORKING IN A CONTINOUS MANNER, COMPLETE STEPS 1 AND 2 TO TRANSITION TRAFFIC FROM THE TEMPORARY DETOUR TO THE FINAL PATTERN.

STEP 1

USING RSD 1101.02, SHEET 1 OF 19, CLOSE THE SOUTHBOUND LANE ON THE NC 11 DETOUR AND BEGIN CONSTRUCTION OF THE REMAINING LENGTH OF THE SOUTHBOUND LANE ON NC 11 EXCEPT FOR THE FINAL SURFACE COURSE FROM -L- STA. 15+00 TO 39+00 (TMP-15 & TMP-16). COORDINATE WITH LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT TO MAINTAIN DRIVEWAY ACCESS EXCEPT WHEN ACTIVELY WORKING IN FRONT OF IT.

INSTALL TEMPORARY PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE NEW SURFACE AS SHOWN ON RSD 1101.03 SHEET 3 OF 9. SEE SHEETS TMP-18 AND TMP-19 AND RSD 1250.01 FOR PAVEMENT MARKING AND MARKER PLACEMENT. WORK SHALL BE CONDUCTED IN A CONTINUOUS MANNER UNTIL COMPLETE.

STEP 2

CONTINUE USING RSD 1101.02, SHEET 1 OF 19, SHIFT TRAFFIC ONTO THE SOUTHBOUND TRAVEL LANE OF NC 11 AND COMPLETE CONSTRUCTION OF THE REMAINING LENGTH OF THE NORTHBOUND LANE ON NC 11 EXCEPT FOR THE FINAL SURFACE COURSE FROM -L- STA. 15+00 TO 39+00 (TMP-18 & TMP-19). CONSTRUCT THE NEW DRIVEWAY ACCESS TO LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT. COORDINATE WITH LEWISTON-WOODVILLE WASTE WATER TREATMENT PLANT TO MAINTAIN DRIVEWAY ACCESS EXCEPT WHEN ACTIVELY WORKING IN FRONT OF IT.

INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS ON THE NEW SURFACE IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING PLANS.

ONCE COMPLETE, REOPEN THE NORTHBOUND TRAVEL LANE WITH TRAFFIC ON THE FINAL BRIDGE.

PHASE V - FINAL SURFACE

USING RSD 1101.02, SHEET 1 OF 19, PLACE THE FINAL LAYER OF SURFACE COURSE, CONSTRUCT 14-IN SINUSOIDAL EDGELINE AND CENTERLINE RUMBLE STRIPS ALONG ALL LANE LINES, AND INSTALL FINAL PAVEMENT MARKINGS AND PAVEMENT MARKERS.


AWAY FROM TRAFFIC AND USING RSD 1101.02, SHEET 1 OF 19 AS NEEDED, DEMOLISH THE DETOUR ROADWAY AND BRIDGE. CONSTRUCT FINAL RIGHT SHOULDER SLOPE PER THE ROADWAY TYPICALS FROM -L- STA. 22+00 TO -L- STA. 35+00.

REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN ALL LANES TO TRAFFIC.

2/27/2025
\\Charlotte\te\7000400S\70004086.00_--BR-0153\Eng_Docs\NCDDOT\TrafficControl\TCP\BR-0153.tmp_3.dgn
User:scob



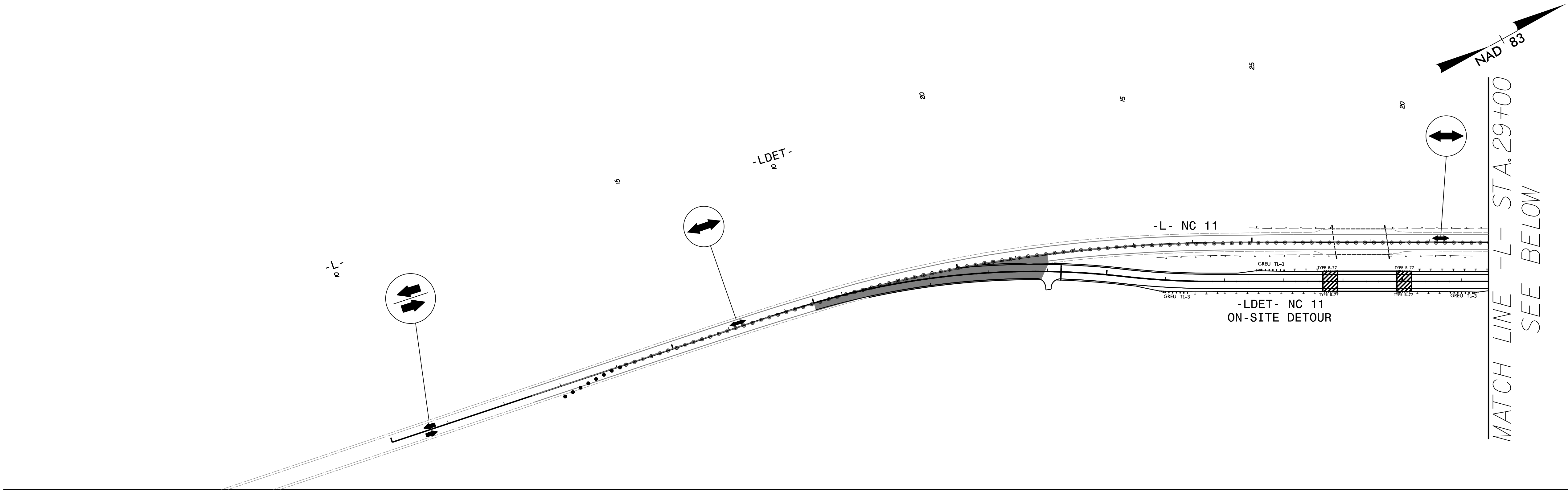
NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(984) 275-2490

APPROVED: _____
DATE: _____

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

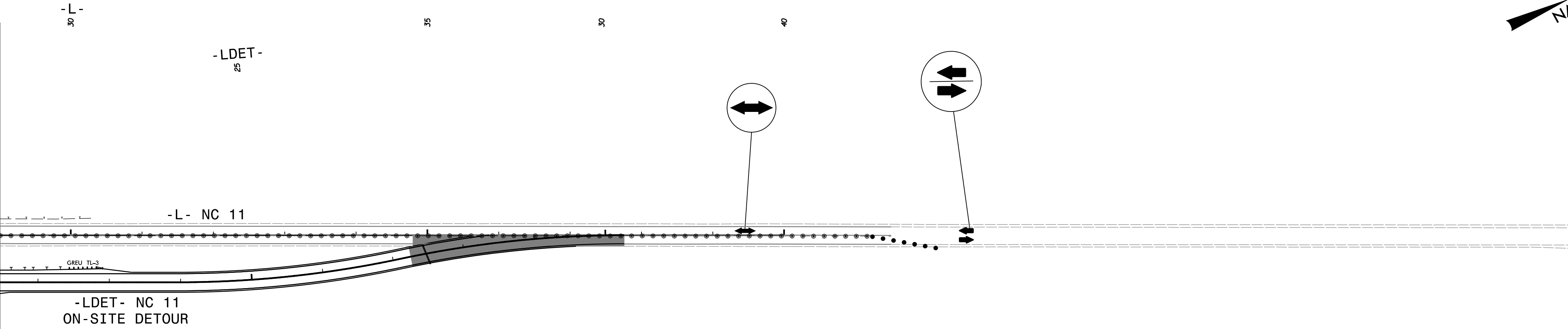


TEMPORARY TRAFFIC
CONTROL PHASING

PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-4



MATCH LINE -L- STA.29+00
SEE ABOVE



LEGEND	
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. SHERMAN
8/11/2025

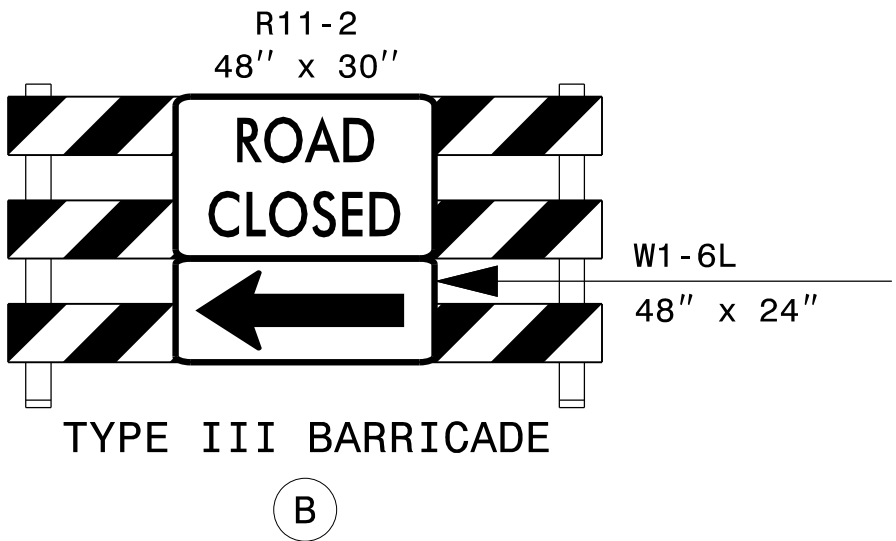
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



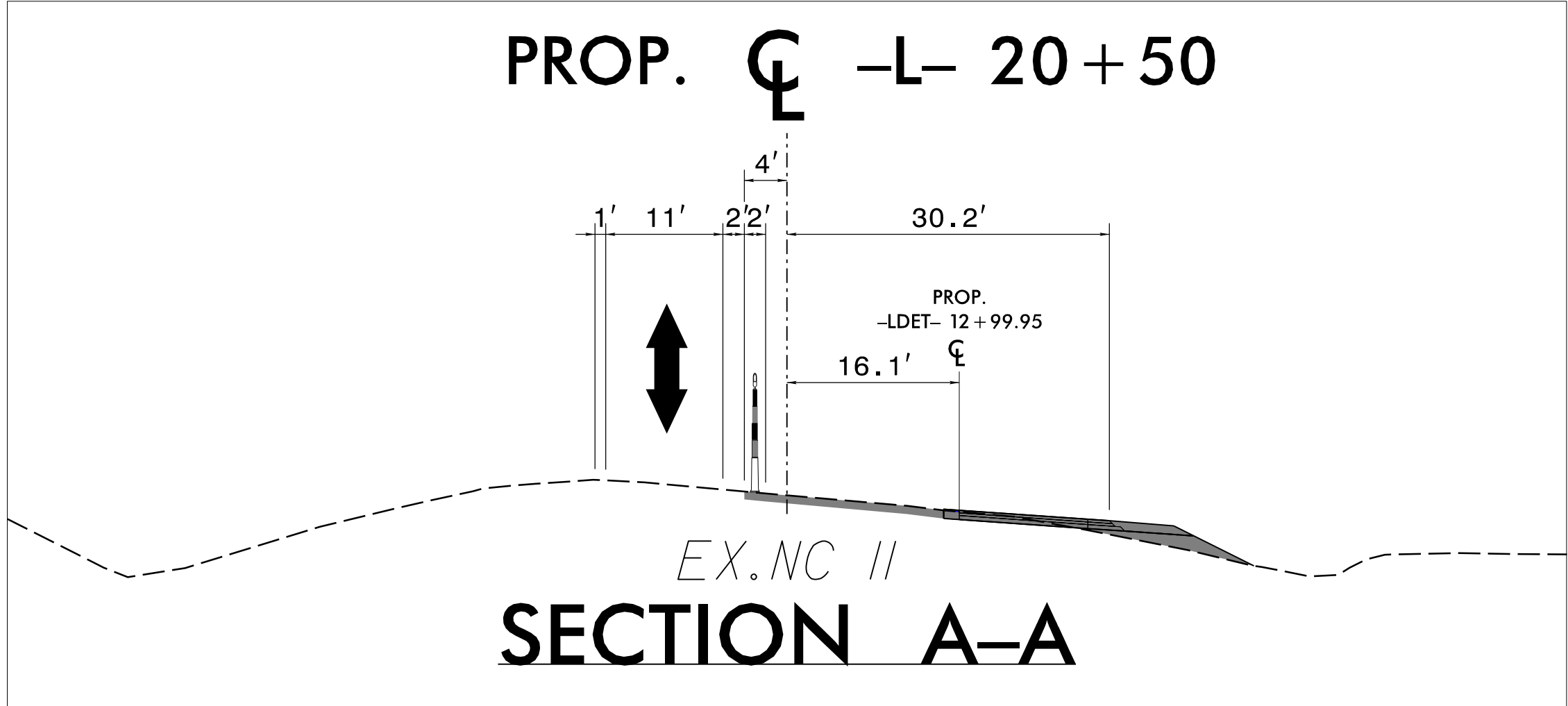
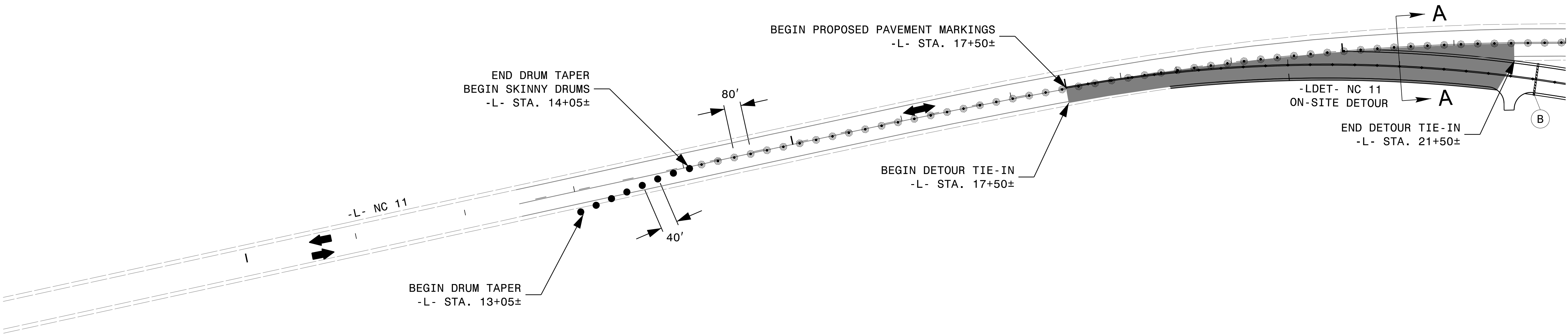
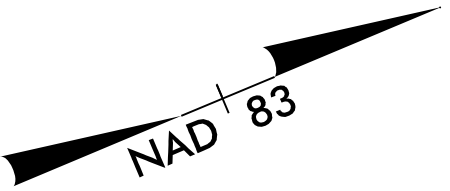
PHASE II - STEP 1
OVERVIEW

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02
SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE
FLAGGING OPERATIONS AND SIGNAGE.



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-5



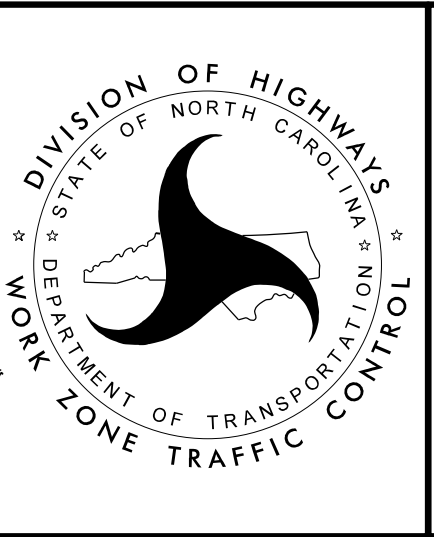
LEGEND	
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/14/2025

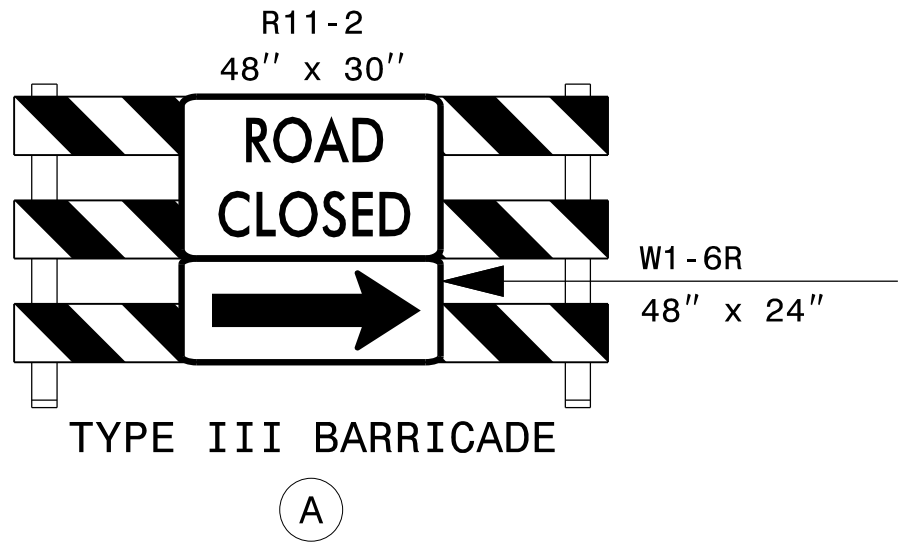
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



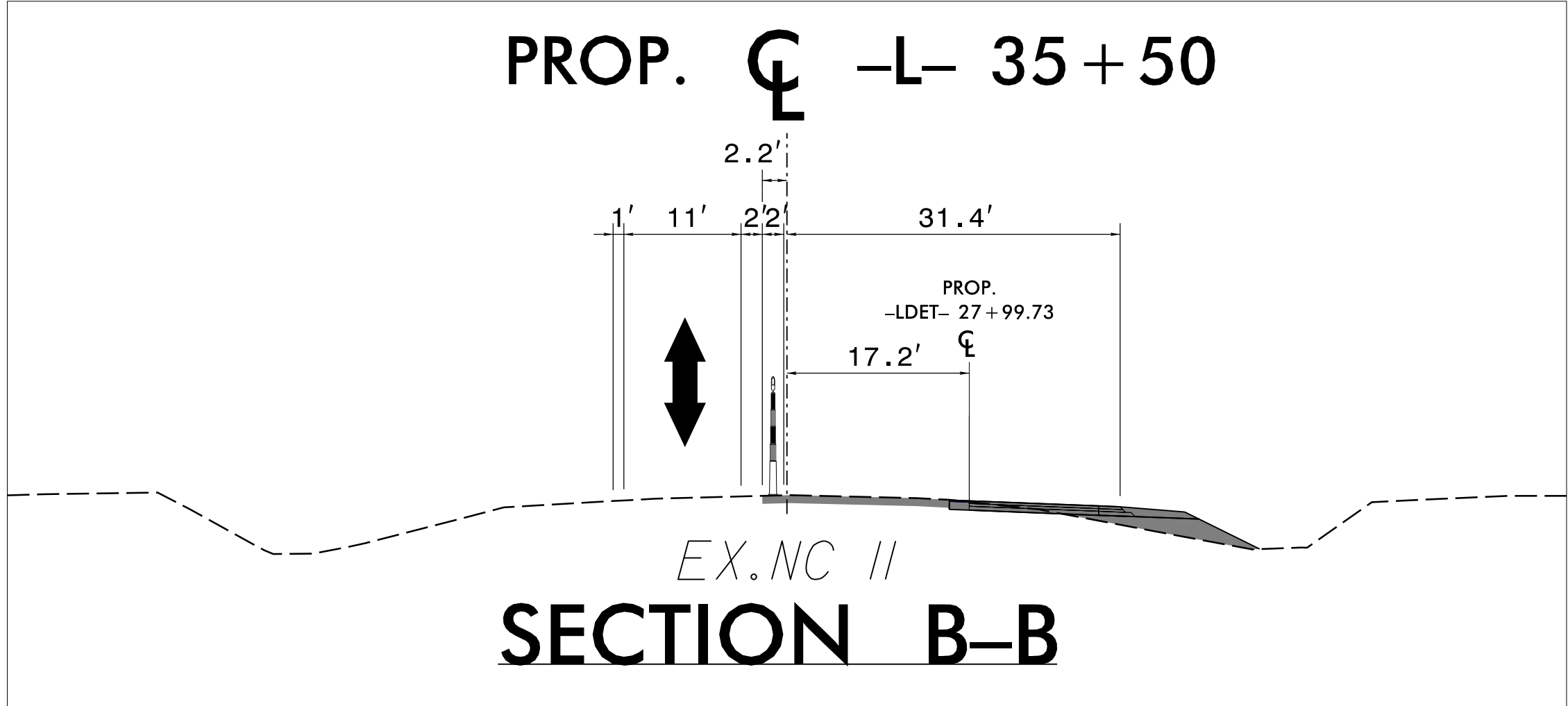
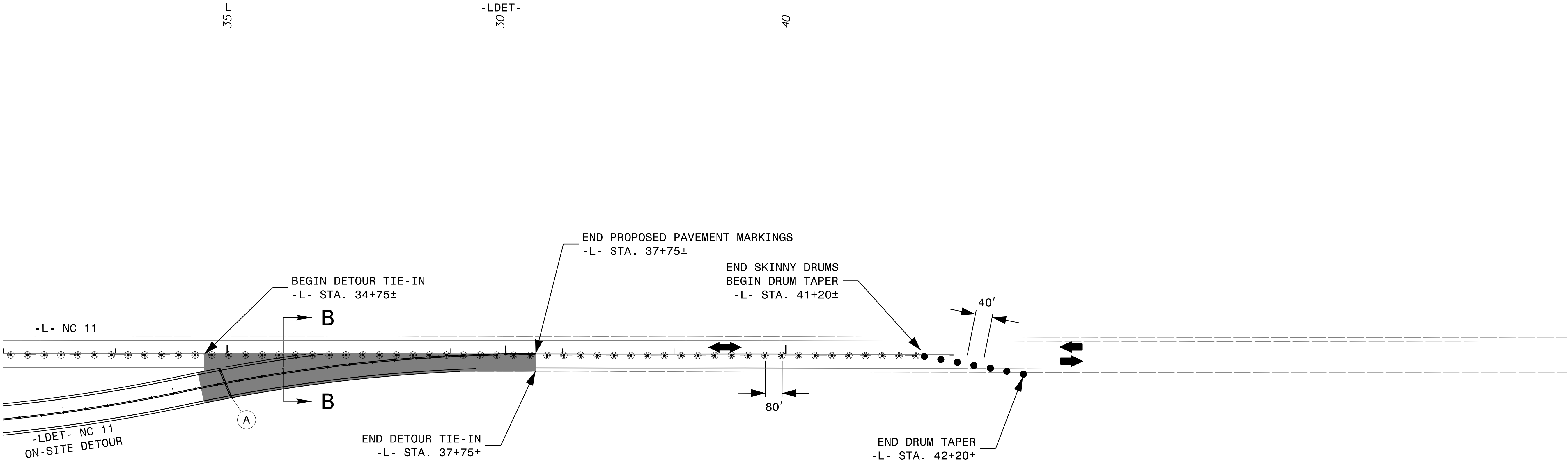
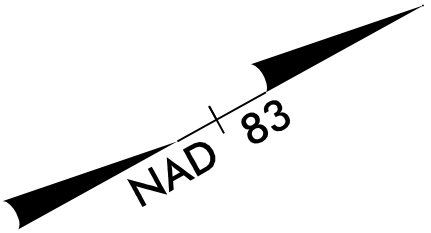
PHASE II - STEP 1

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02
SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE
FLAGGING OPERATIONS AND SIGNAGE.



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-6



LEGEND

- WORK AREA
- DRUMS
- SKINNY DRUMS
- TYPE III BARRICADE

APPROVED: _____

DATE: _____

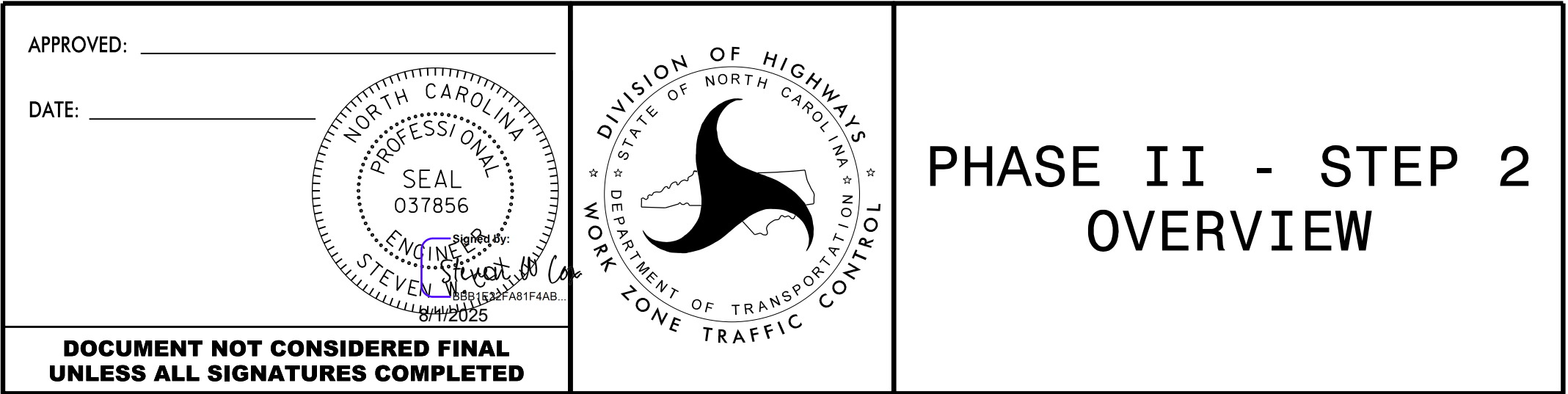
SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/11/2025

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

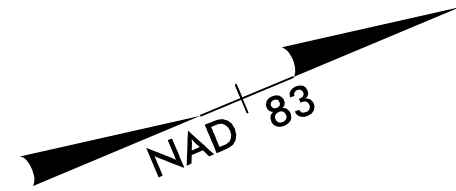
PHASE II - STEP 1

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

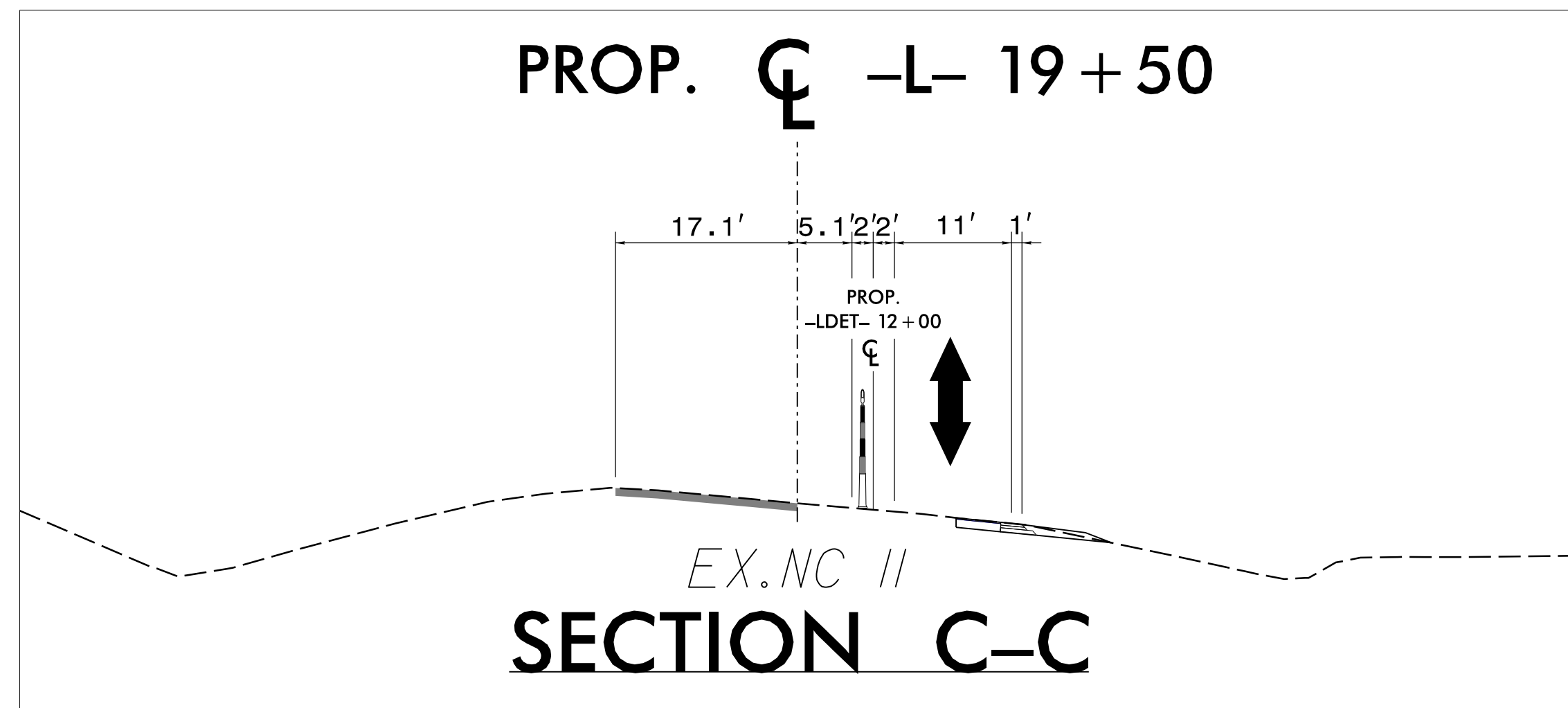
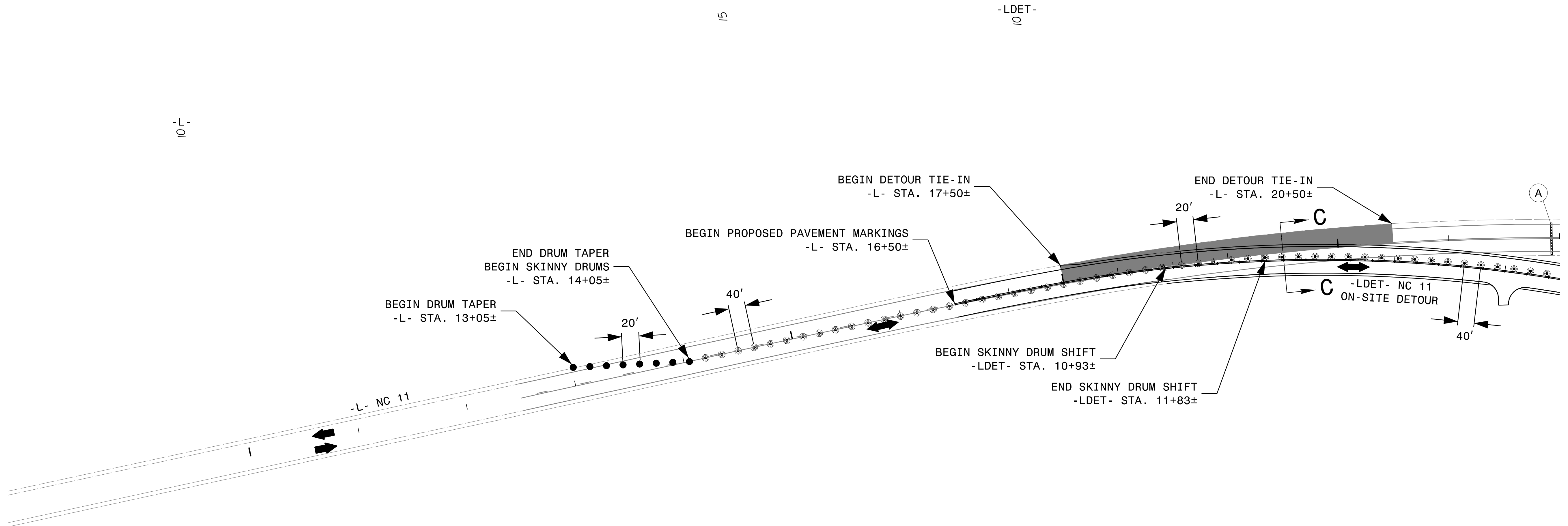
2/27/2025
C:\Users\charlotte\OneDrive\Documents\BR-0153\Eng_Docs\WCDOT\TrafficControl\TCP\BR-0153.tmp_ph2A_psh2.dgn
User:scob







1. SEE ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE FLAGGING OPERATIONS AND SIGNAGE.
2. SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
3. POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.

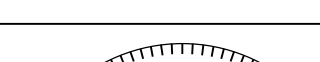



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-8



LEGEND

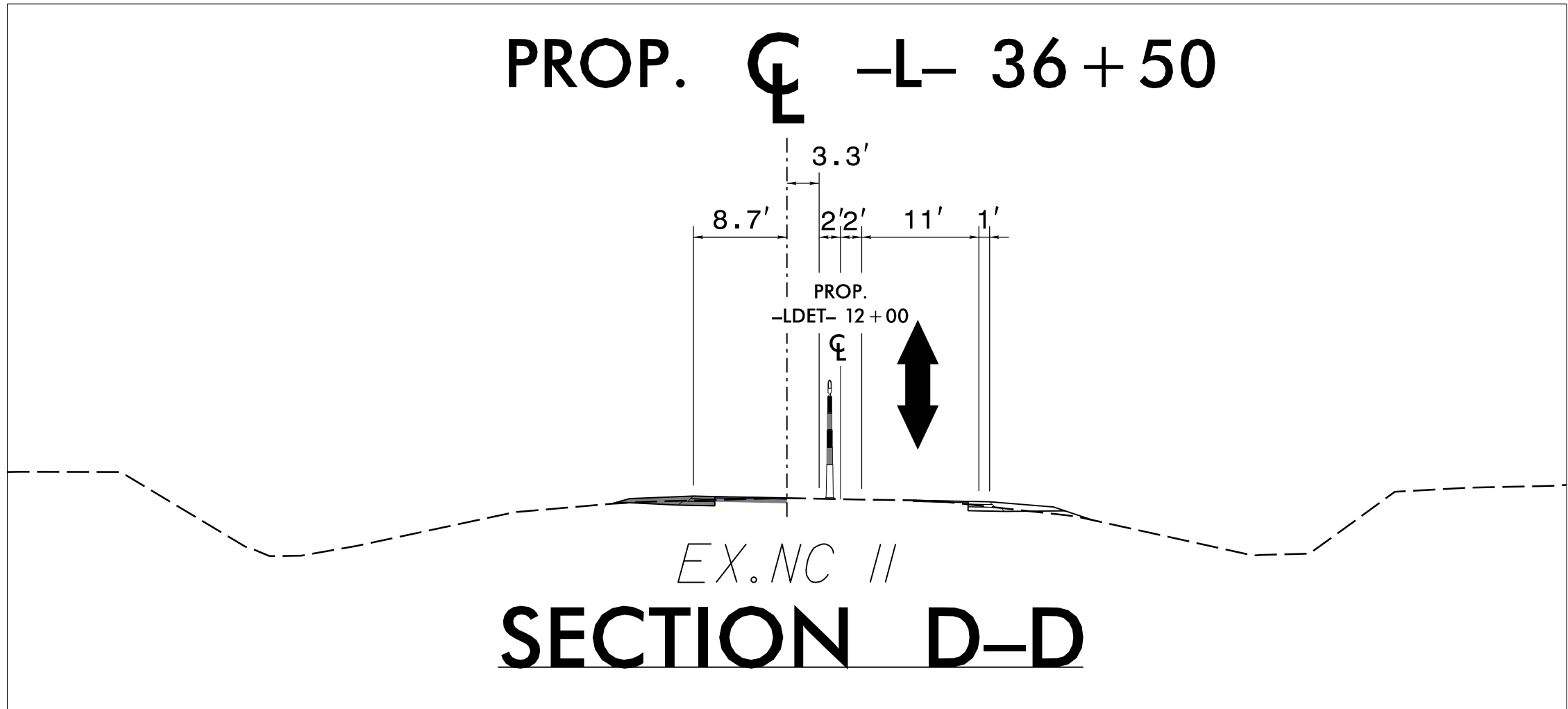
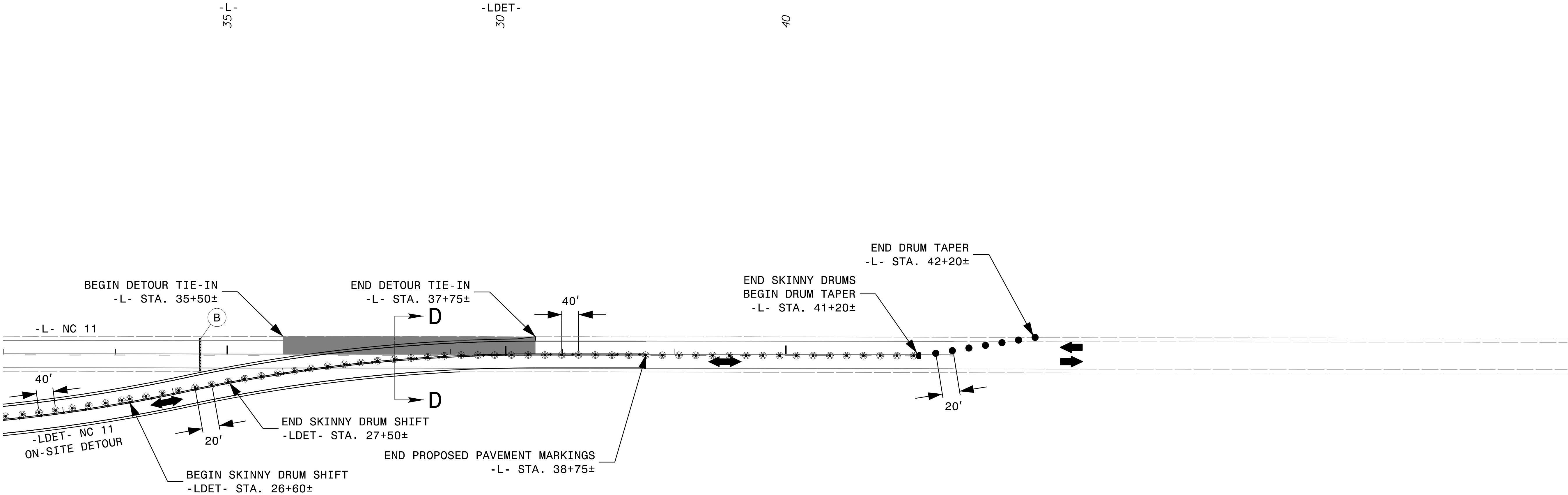
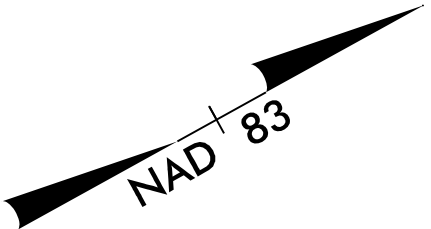
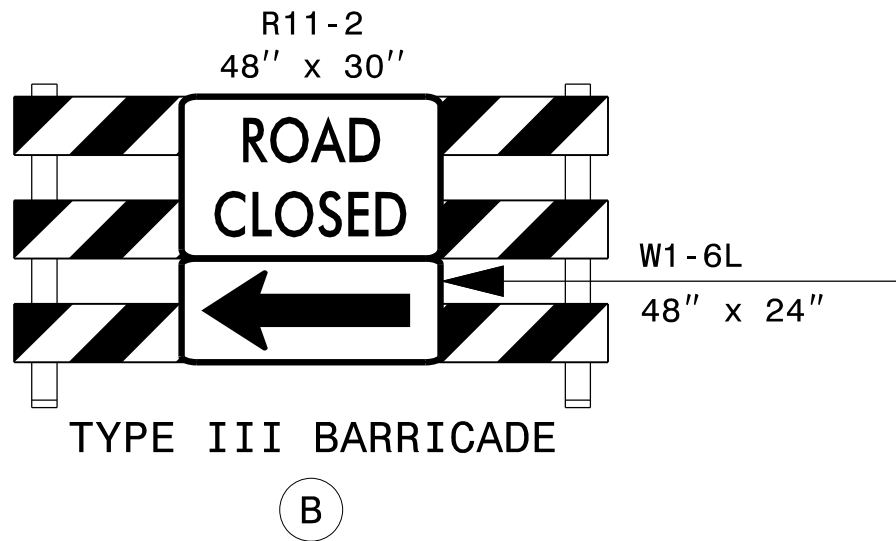
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____ DATE: _____			<h1 style="margin: 0;">PHASE II - STEP 2</h1>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

2/27/2025
U:\Charlotte\170000400S\170000486,00_...BR-0153\Eng_Docs\NCDOT\TrafficControl\TCP\BR-0153.tmp_ph2B_psh2.dgn
User:scob

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE FLAGGING OPERATIONS AND SIGNAGE.
2. SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
3. POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.



LEGEND

- WORK AREA
- DRUMS
- SKINNY DRUMS
- TYPE III BARRICADE

APPROVED: _____

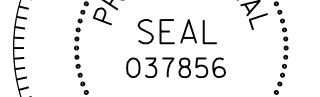

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/1/2025

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

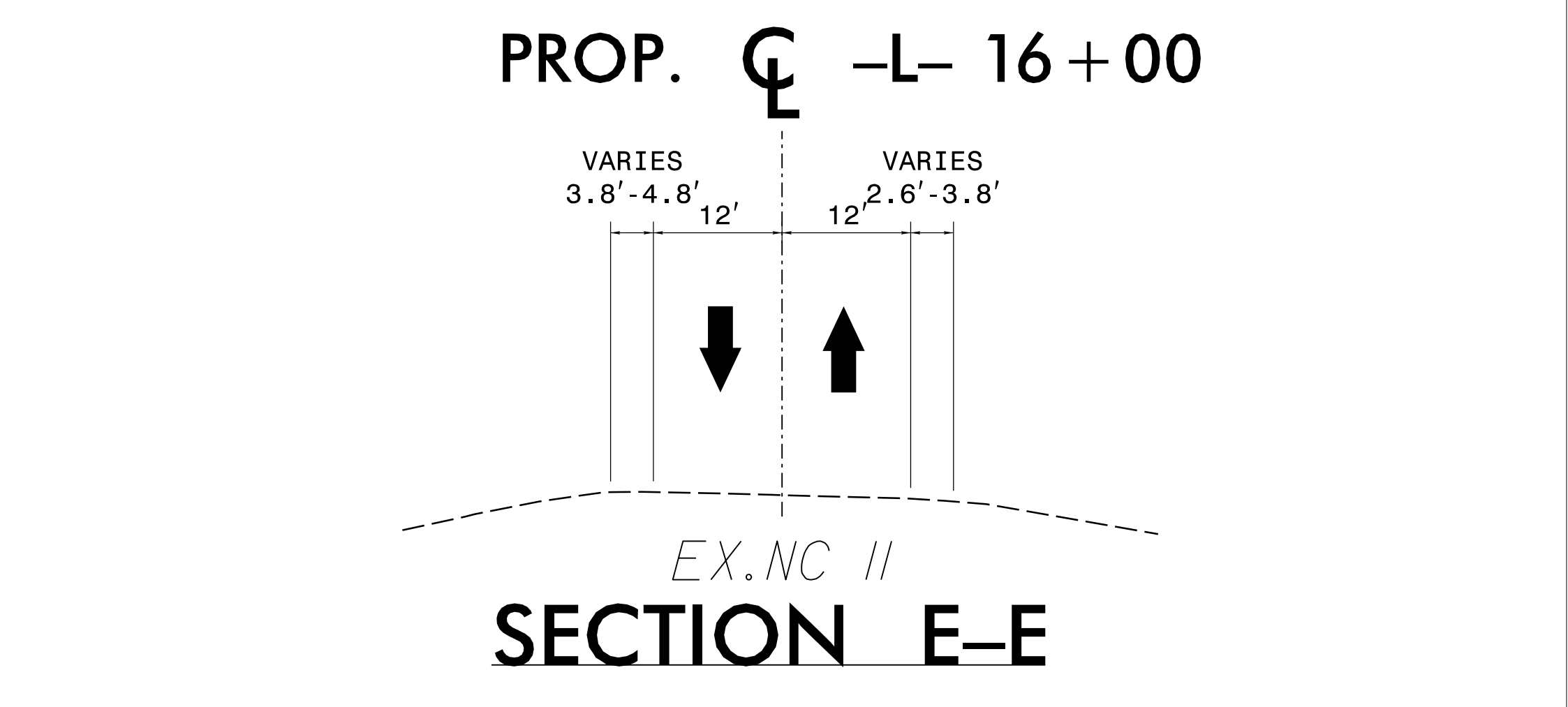
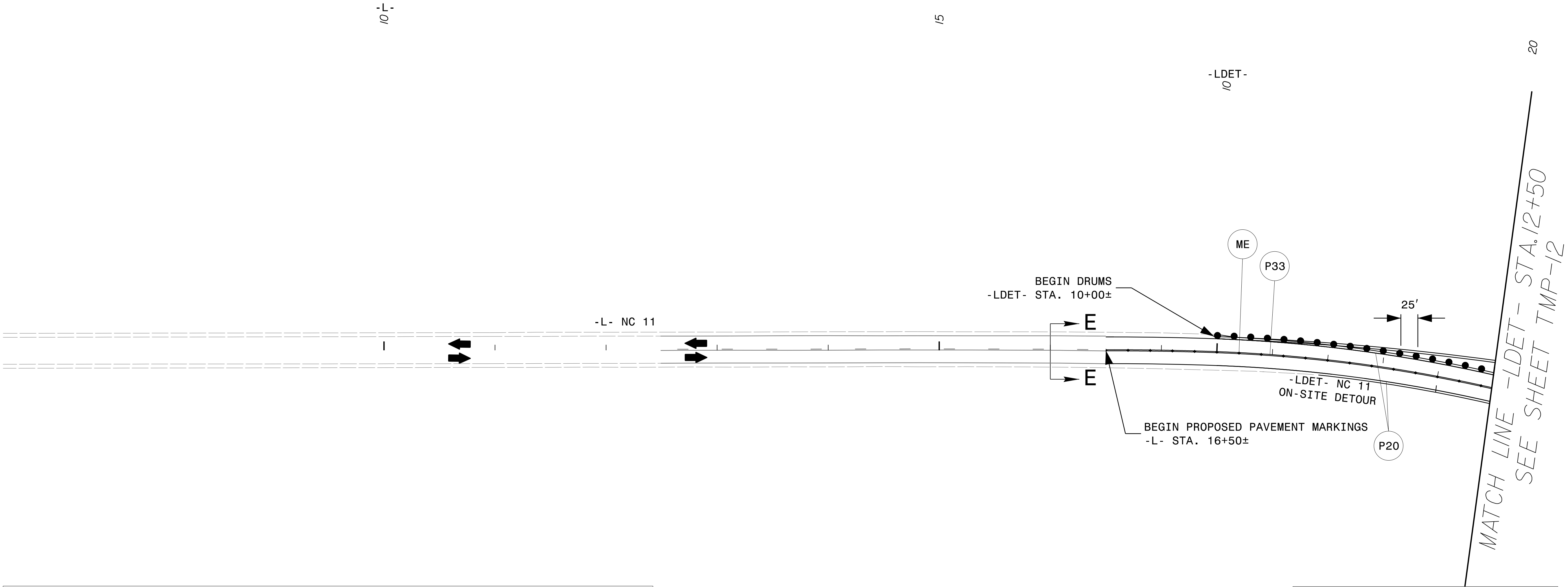
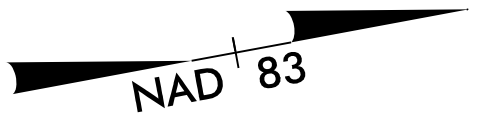
PHASE II - STEP 2

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: _____ DATE: _____ 		<h1>PHASE III OVERVIEW</h1>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

- NOTES:
- SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
 - POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.

PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-11



LEGEND

WORK AREA

DRUMS

SKINNY DRUMS

TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL 037856

STEVEN S. BARNETT

8/11/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

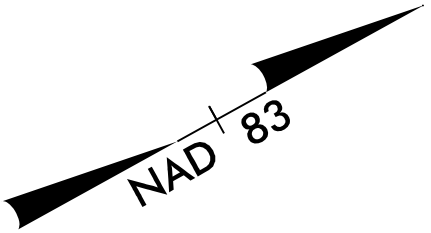
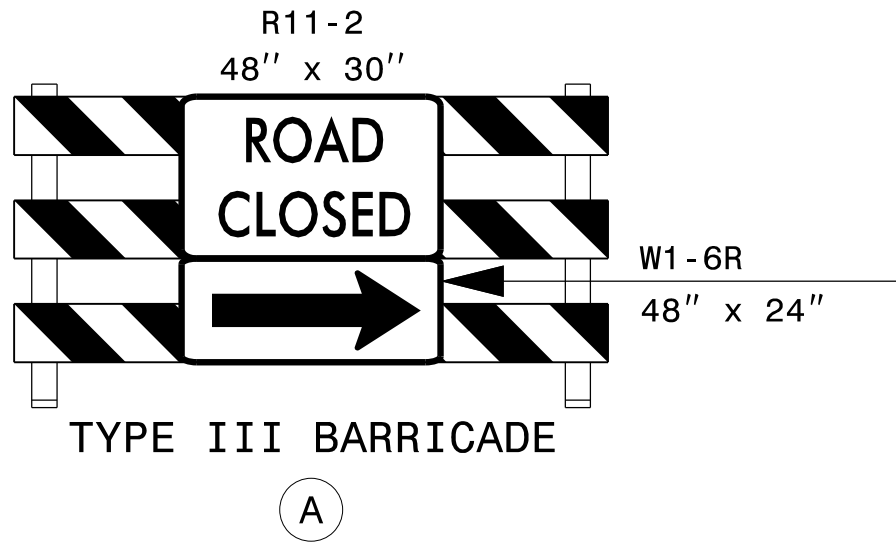
DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

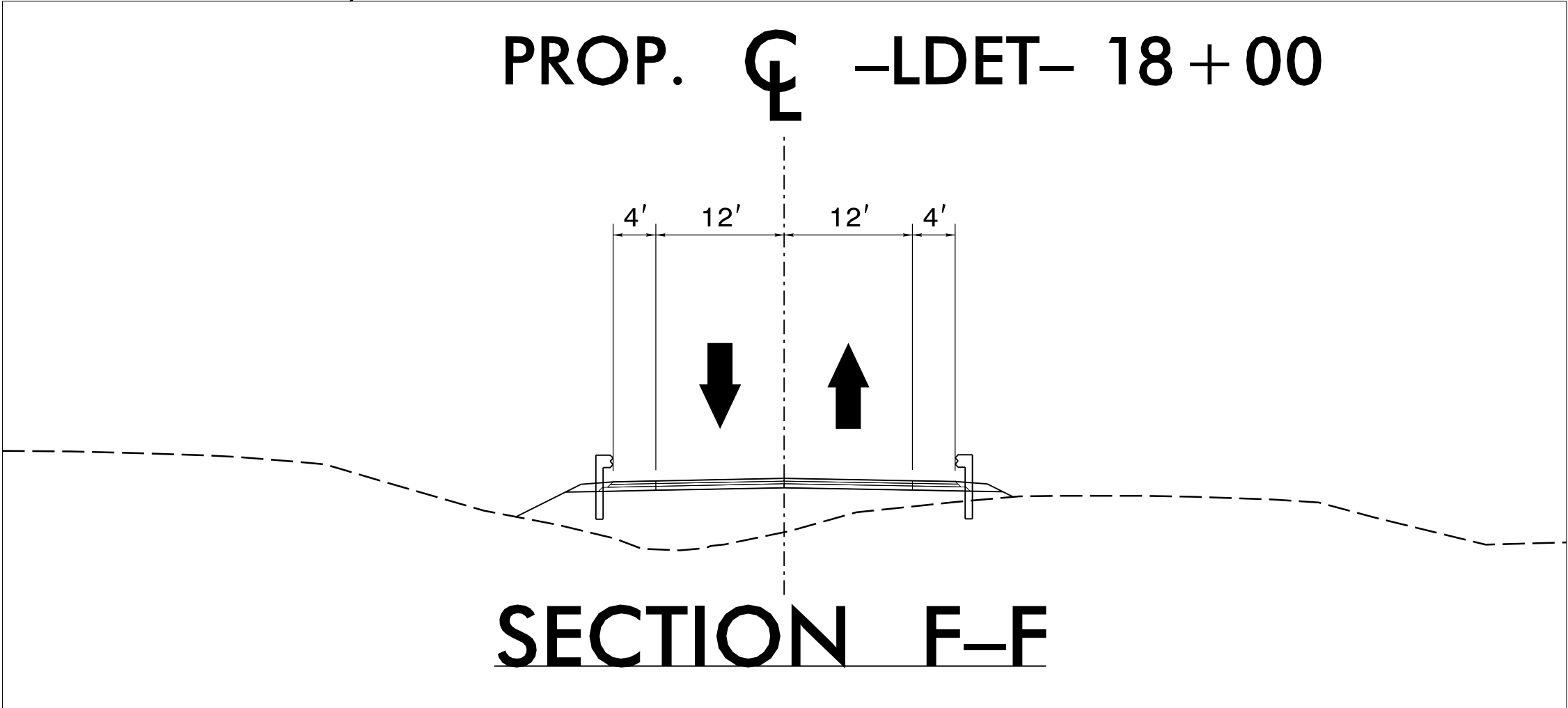
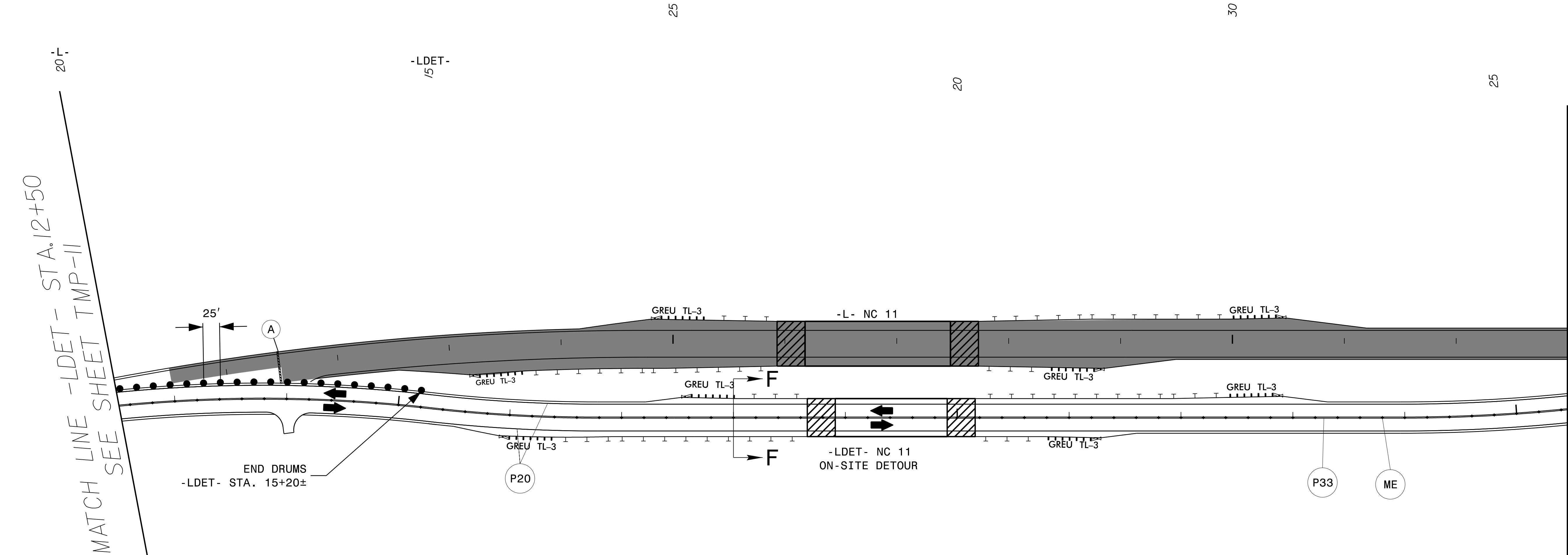
PHASE III

2/27/2025
\\charlotte\te\17000400S\17000406.00_...BR-0153\Eng_Docs\WCDOT\TrafficControl\TCP\BR-0153.tmp_ph3_pshl.dgn
User:rscox

- NOTES:
1. SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
 2. POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.
 3. IN LIEU OF SHORING, CONSTRUCT TEMPORARY RIGHT SHOULDER SLOPE AT 2:1 IN LIEU OF FINAL SLOPE PER THE ROADWAY TYPICALS FROM -L- STA. 22+00 TO 35+00.



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-12



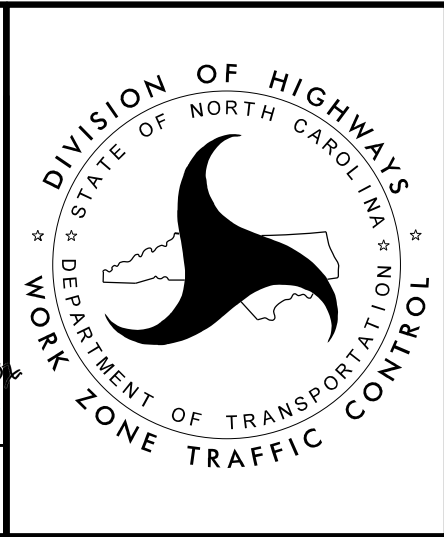
LEGEND	
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/11/2025

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

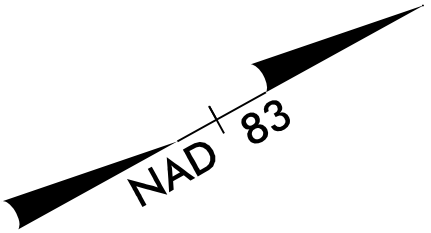
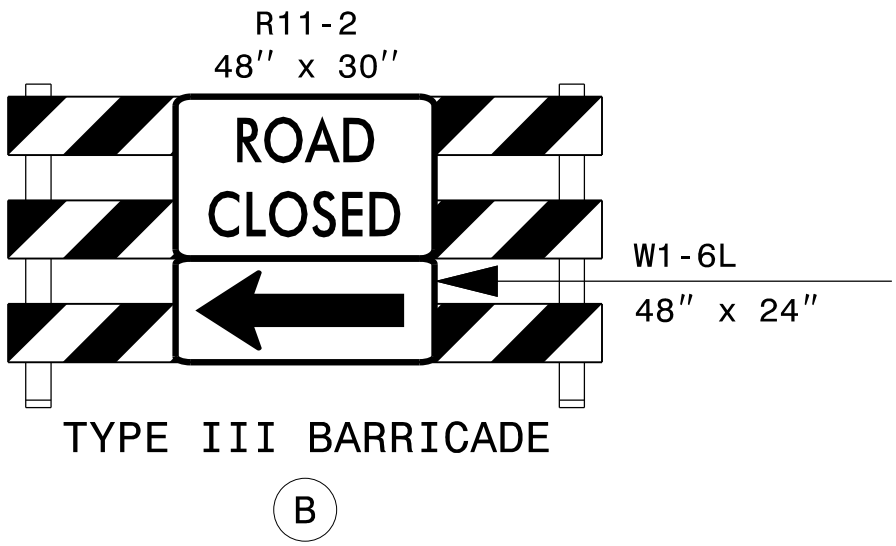


PHASE III

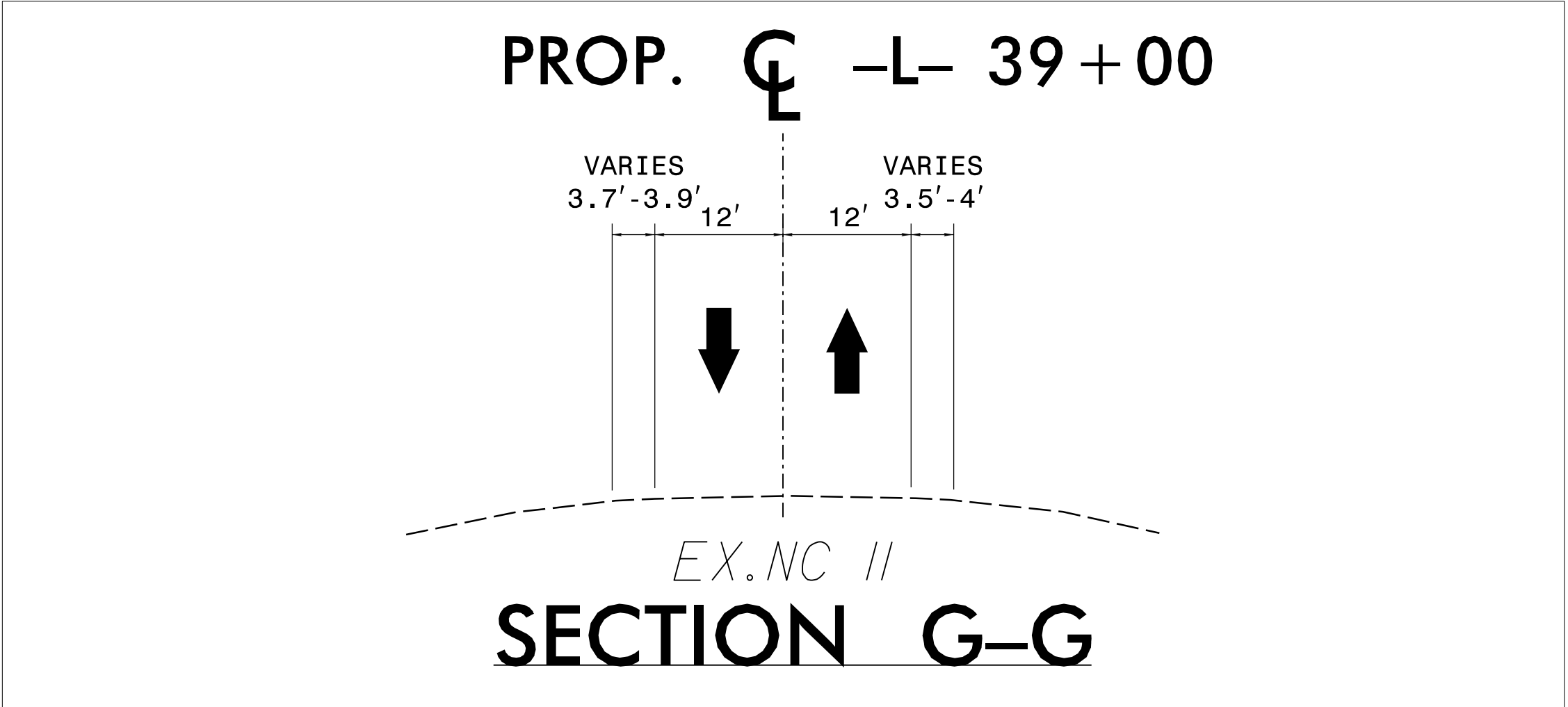
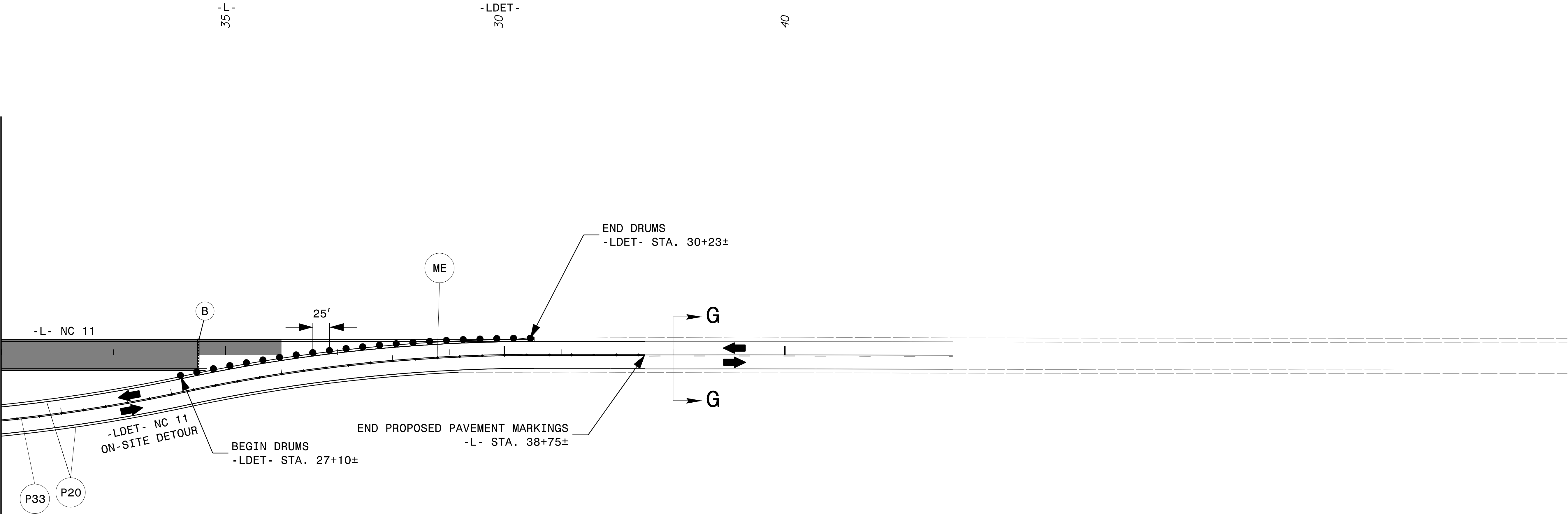
PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-13

NOTES:

- SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
- POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.
- IN LIEU OF SHORING, CONSTRUCT TEMPORARY RIGHT SHOULDER SLOPE AT 2:1 IN LIEU OF FINAL SLOPE PER THE ROADWAY TYPICALS FROM -L- STA. 22+00 TO 35+00.



MATCH LINE -LDET- STA. 25+45
SEE SHEET TMP-12



LEGEND

WORK AREA

•••••

DRUMS

⊙⊙⊙⊙

SKINNY DRUMS

▨▨▨▨

TYPE III BARRICADE

APPROVED: _____

DATE: _____

NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(984) 275-2490

benesch

NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(984) 275-2490

SEAL
037856
ENGINEER
STEVEN S. BARNES
8/1/2025

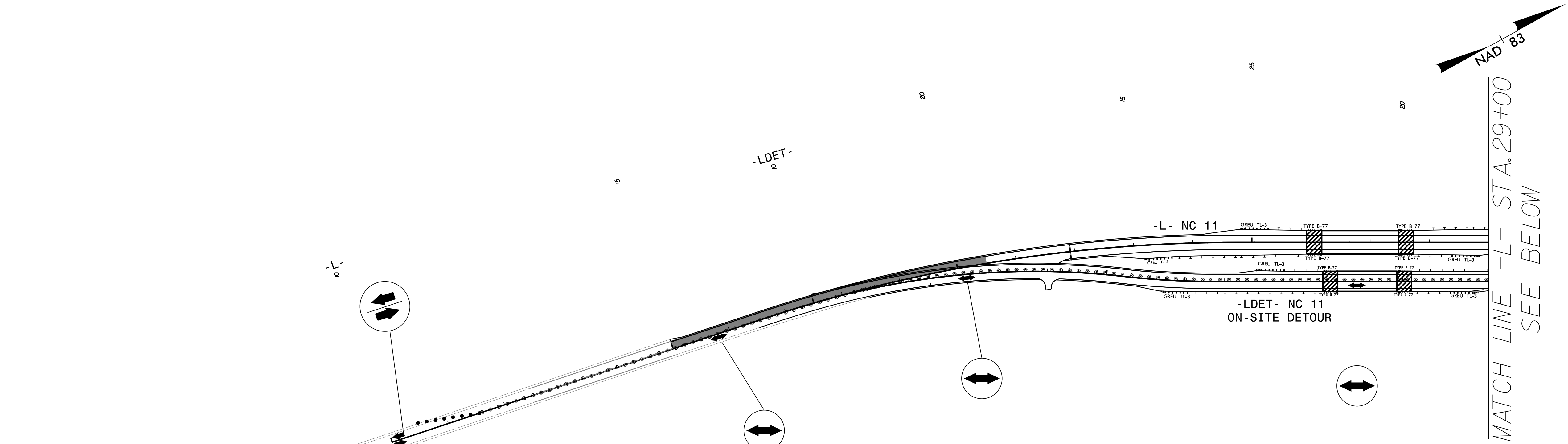
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE III

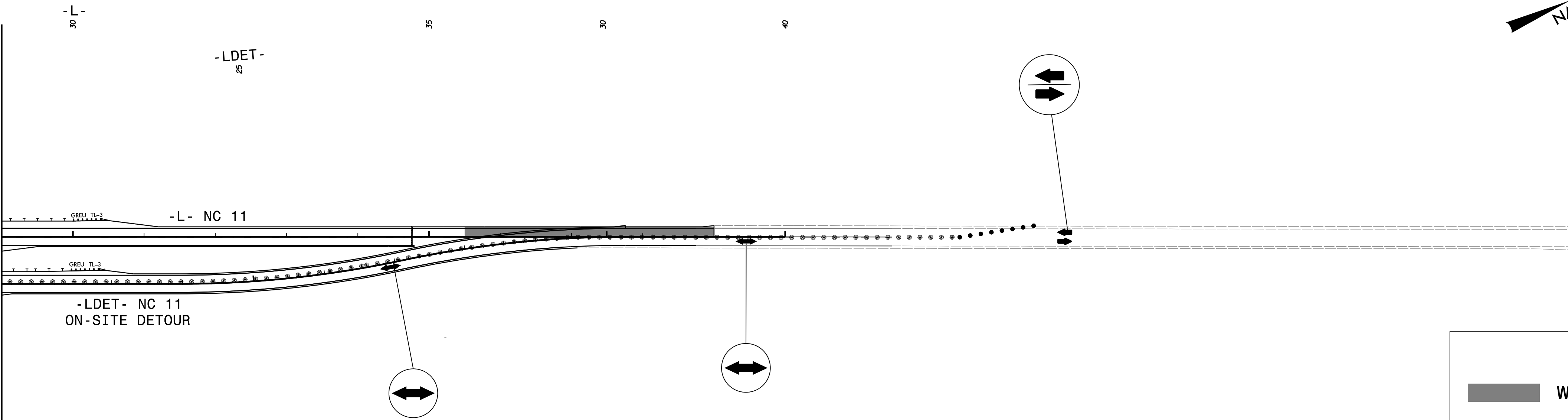
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

2/27/2025
U:\Charlotte\17000400S\17000406.00_...BR-0153\Eng_Docs\NC DOT\TrafficControl\TCP\BR-0153.tmp_ph3_psh3.dgn
User:scob

PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-14



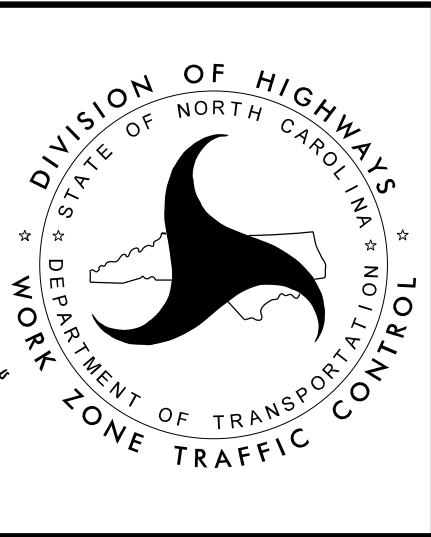
MATCH LINE -L- STA.29+00
SEE ABOVE



LEGEND	
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____
DATE: _____

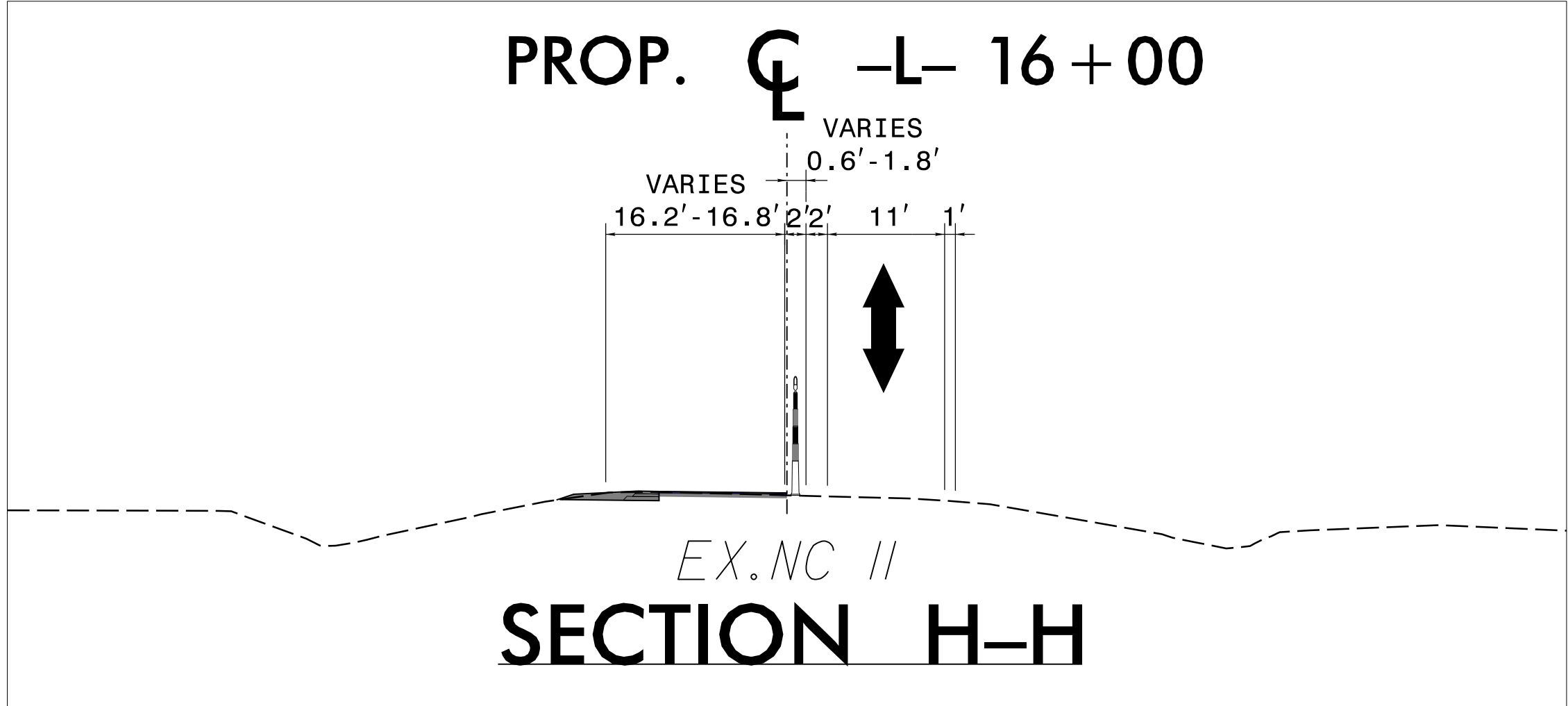
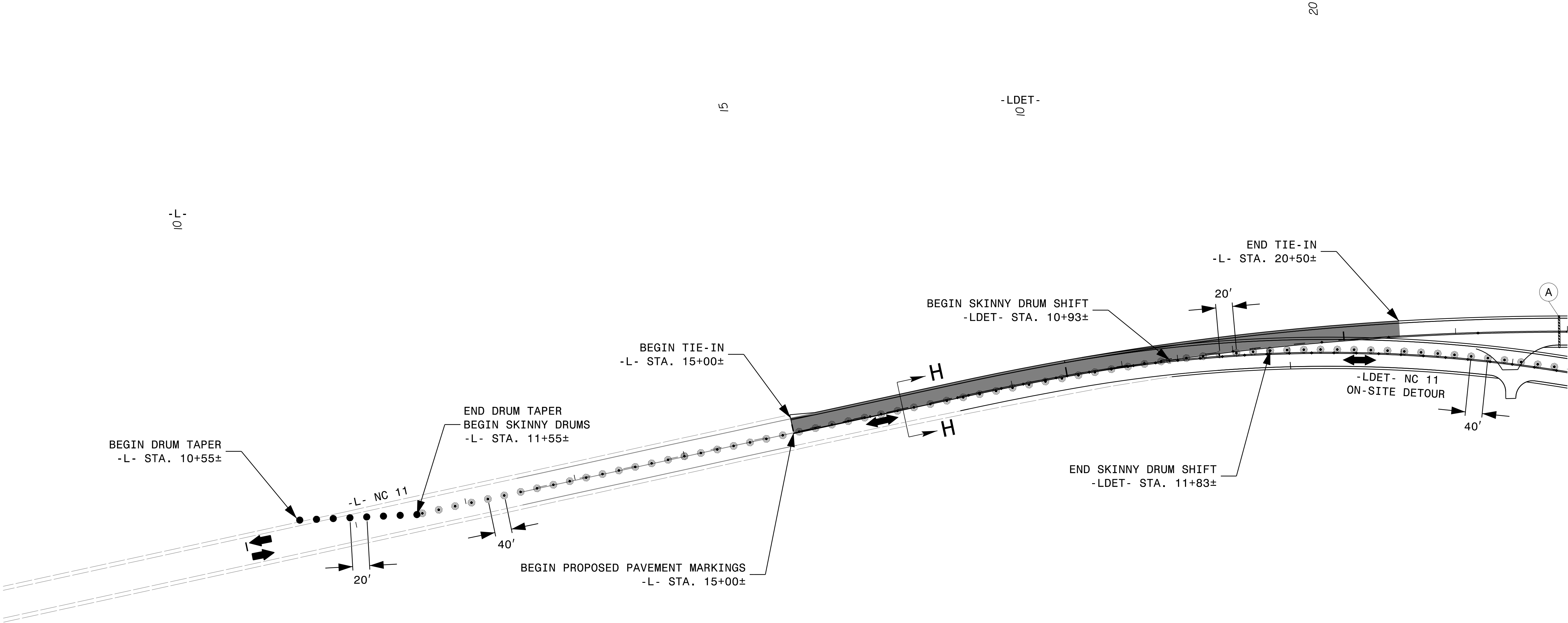
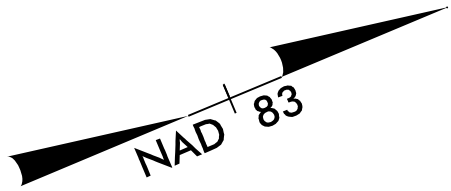
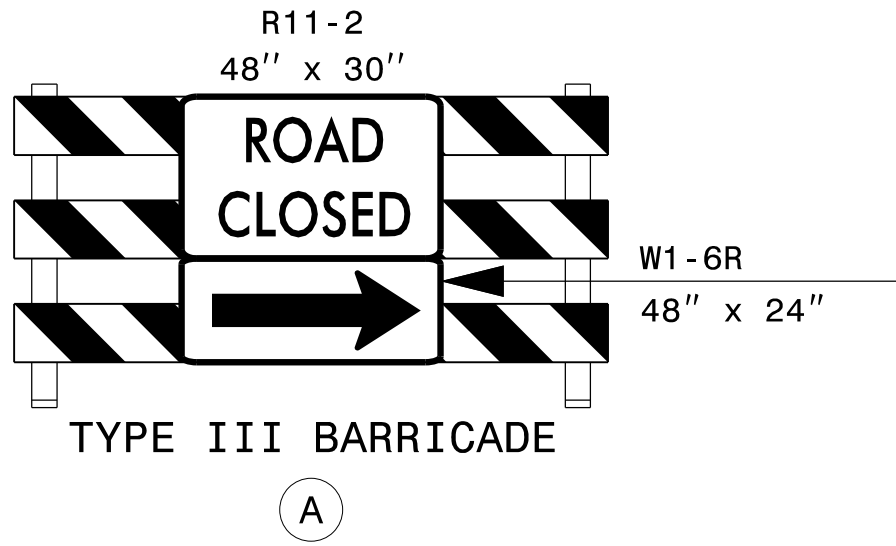
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**PHASE IV - STEP 1
OVERVIEW**

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE FLAGGING OPERATIONS AND SIGNAGE.
2. SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
3. POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.



LEGEND

WORK AREA

DRUMS

SKINNY DRUMS

TYPE III BARRICADE

APPROVED: _____

DATE: _____

NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(984) 275-2490

benesch

NORTH CAROLINA
PROFESSIONAL
SEAL
037856
ENGINEER
STEVEN S. BARNES
8/1/2025

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

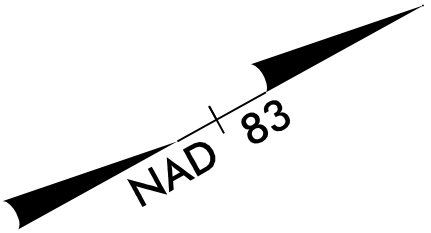
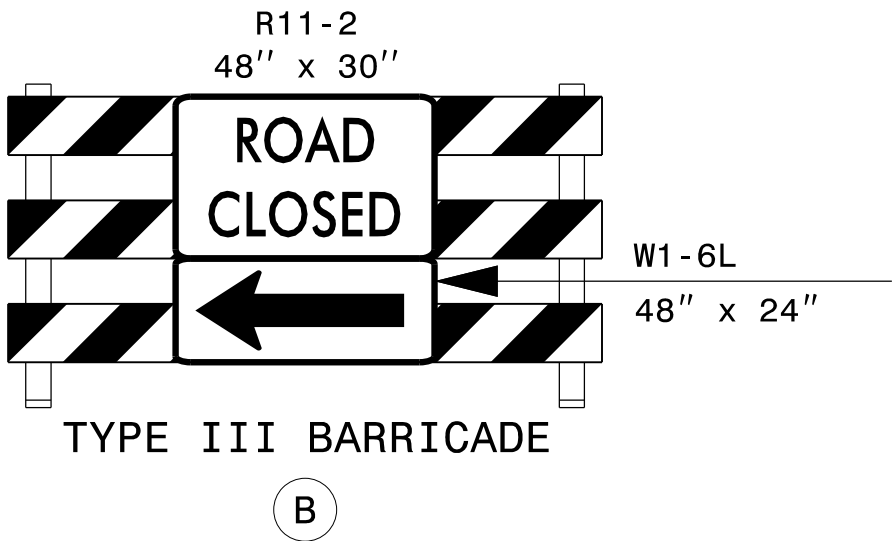
PHASE IV - STEP 1

2/27/2025
U:\charlotte\17000400S\17000486.00_--BR-0153\Eng_Docs\NCDOT\TrafficControl\TCP\BR-0153.tmp_ph4A_pshl.dgn
User:rsco

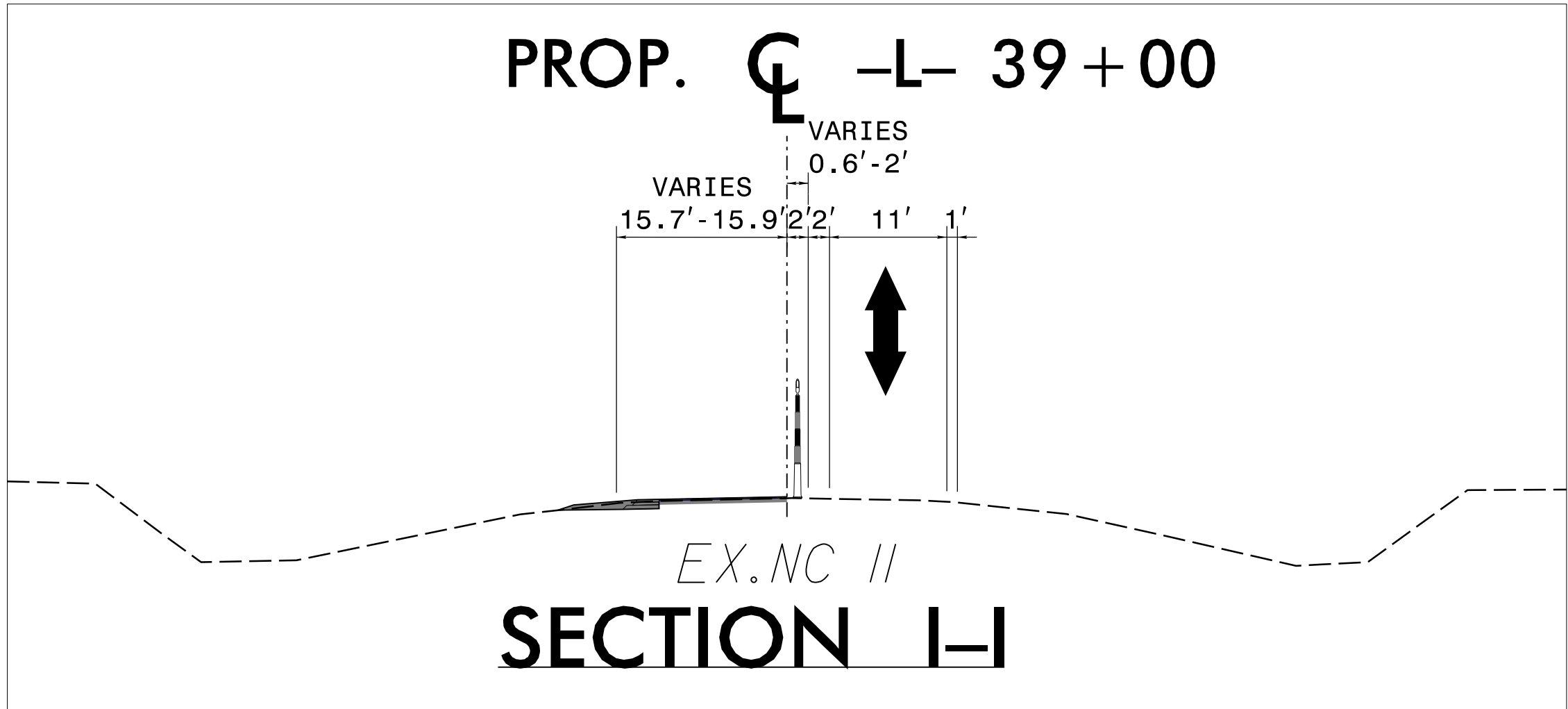
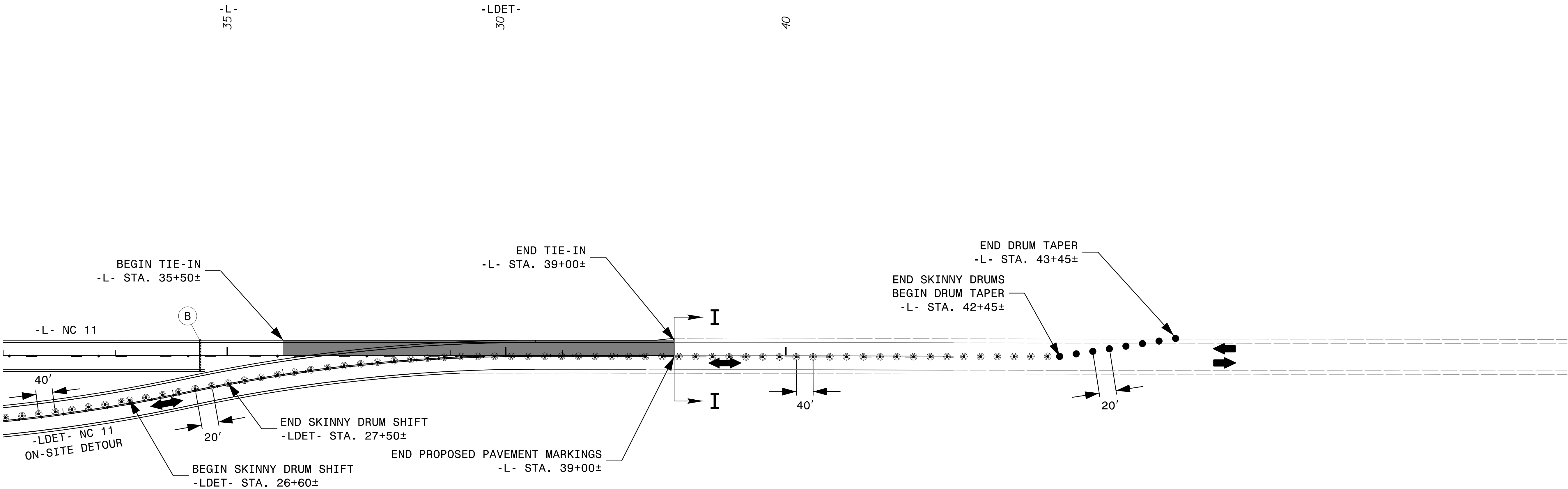
2/27/2025
U:\charlotte\te\17000400S\170004086.00_...BR-0153\Eng_Docs\NCDOT\TrafficControl\TCP\BR-0153.tmp_ph4A_psh2.dgn
User:scob

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE FLAGGING OPERATIONS AND SIGNAGE.
2. SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 3 OF 9 FOR ONSITE TEMPORARY DETOUR SIGNAGE, MARKINGS, AND RAISED PAVEMENT MARKERS.
3. POST AN ADVISORY SPEED OF 40 MPH FOR THE ON-SITE DETOUR.



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-16



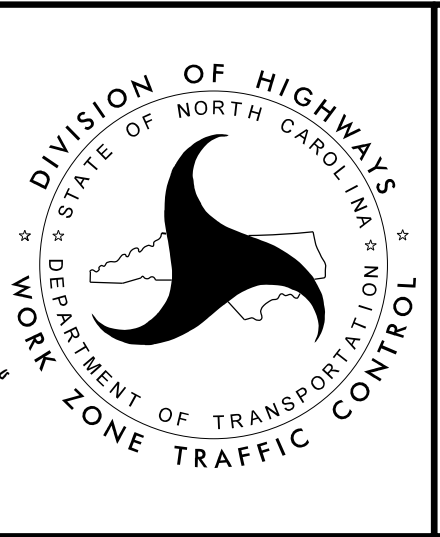
LEGEND	
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/1/2025

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

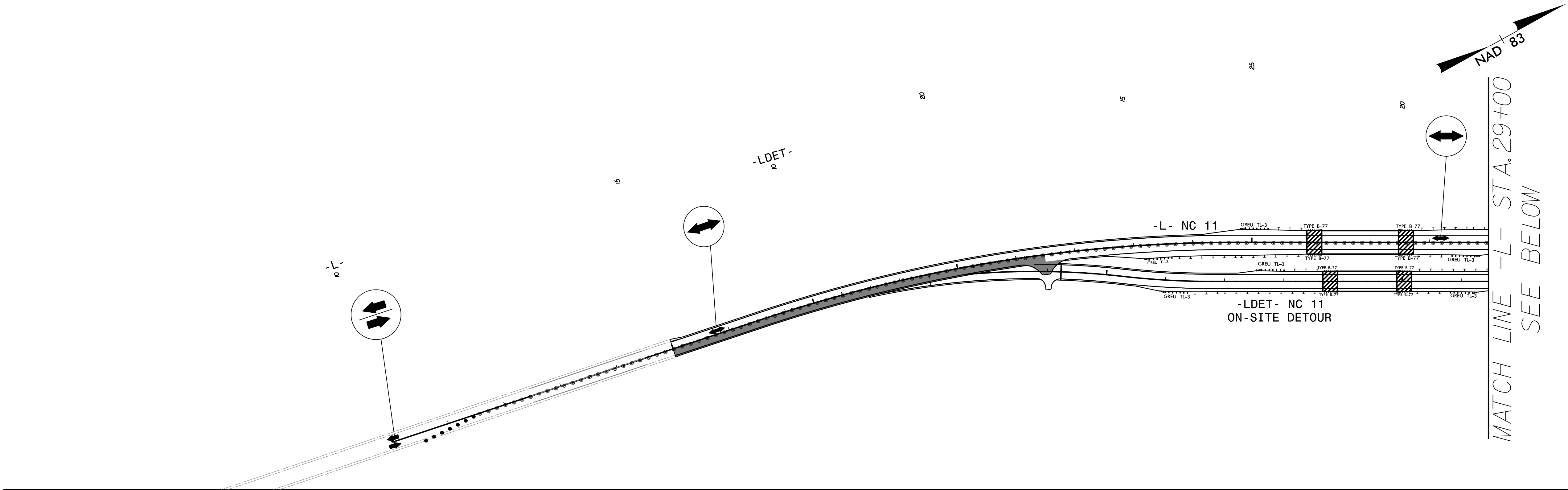


PHASE IV - STEP 1

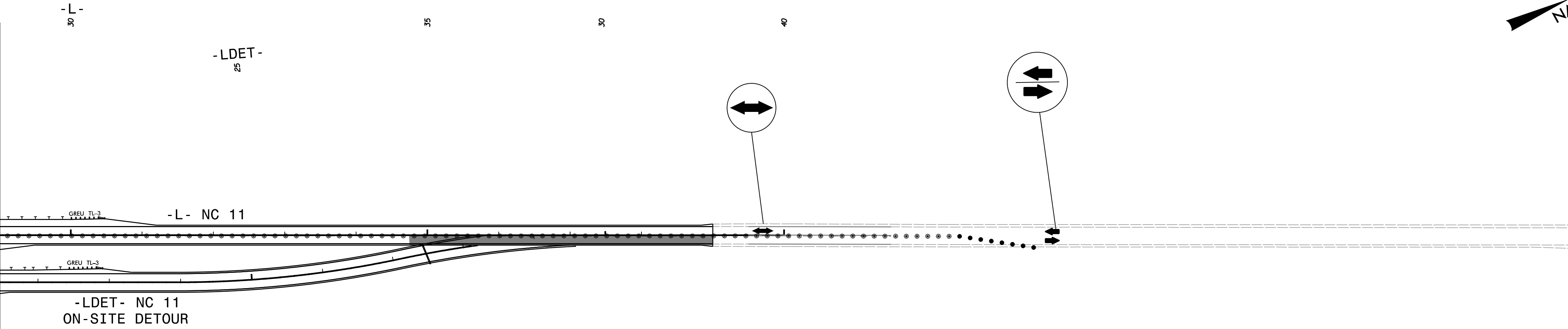


NC FIRM LICENSE No: F-1320
8000 REGENCY PARKWAY, STE 175
CARY, NC 27518
(984) 275-2490

PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-17



MATCH LINE -L- STA.29+00
SEE ABOVE



LEGEND	
	WORK AREA
	DRUMS
	SKINNY DRUMS
	TYPE III BARRICADE

APPROVED: _____

DATE: _____

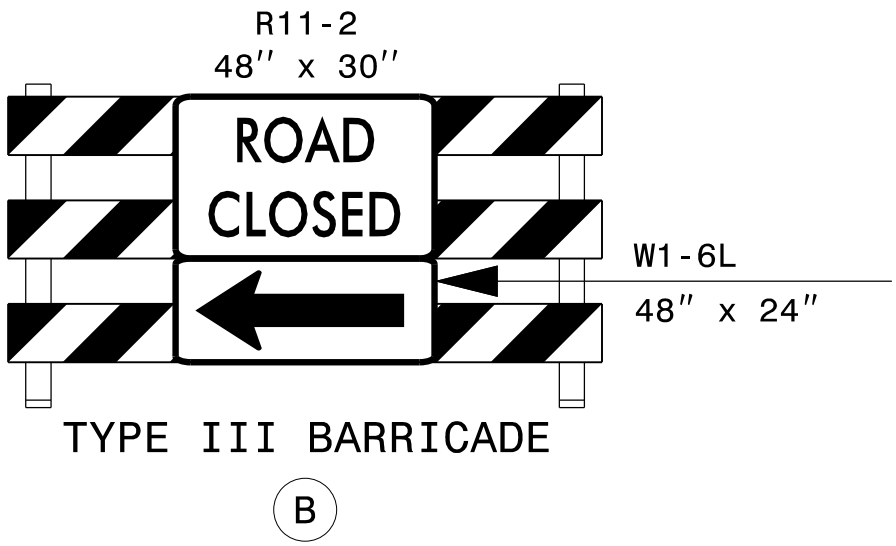
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



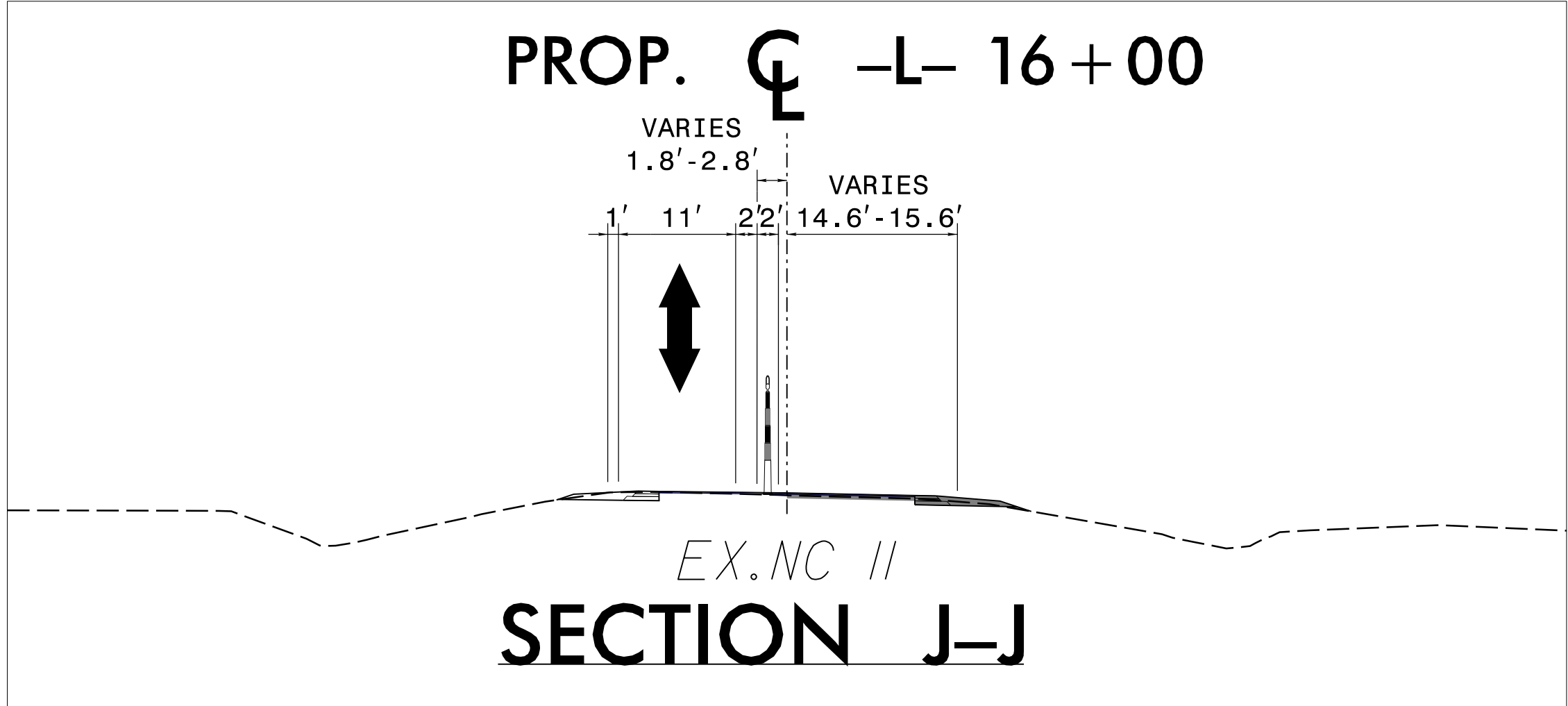
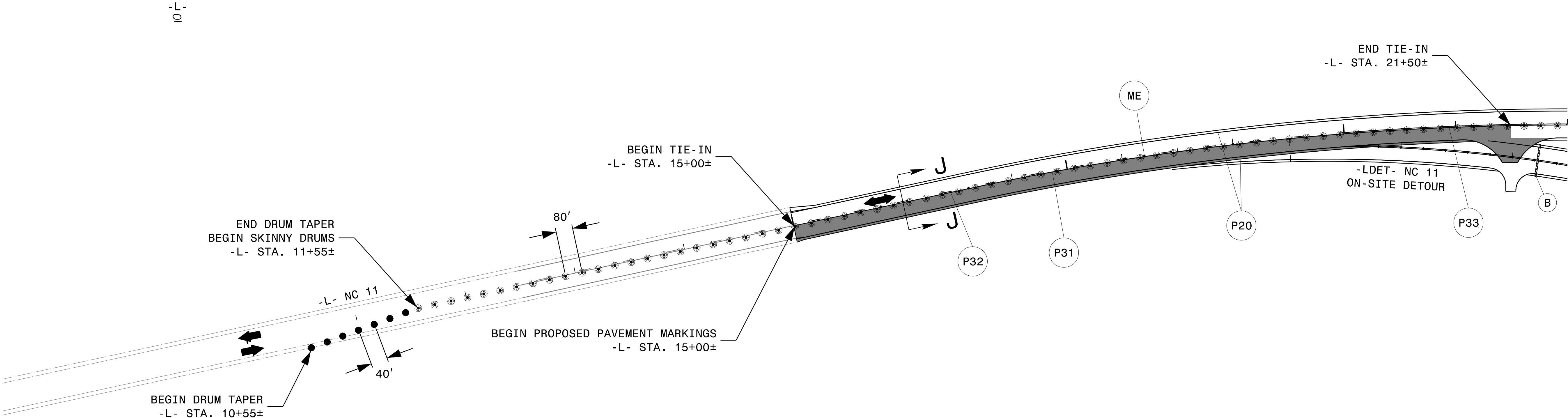
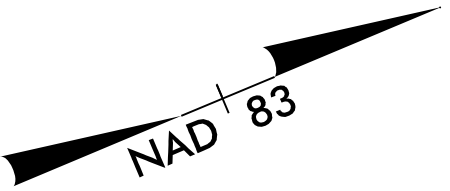
**PHASE IV - STEP 2
OVERVIEW**

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02
SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE
FLAGGING OPERATIONS AND SIGNAGE.



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-18



LEGEND

- WORK AREA
- DRUMS
- SKINNY DRUMS
- TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/1/2025

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

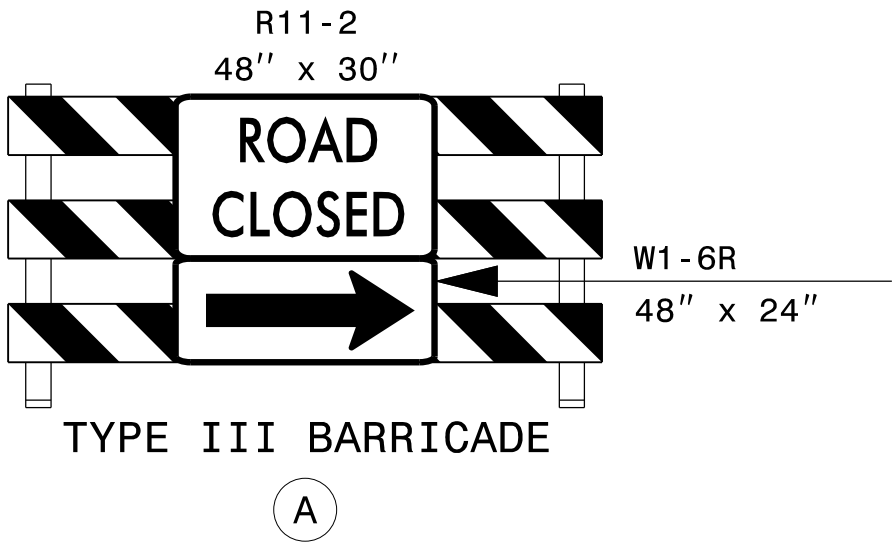
PHASE IV - STEP 2

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

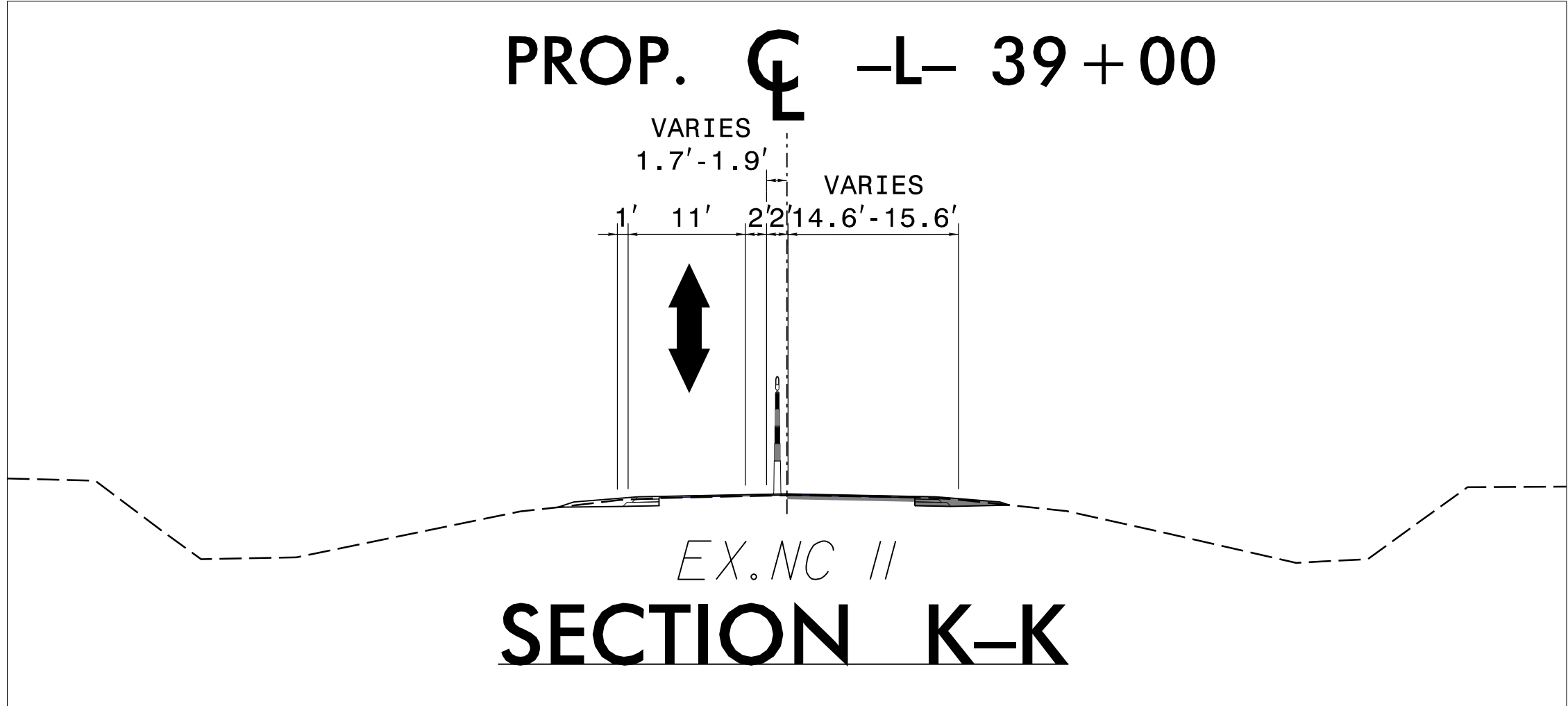
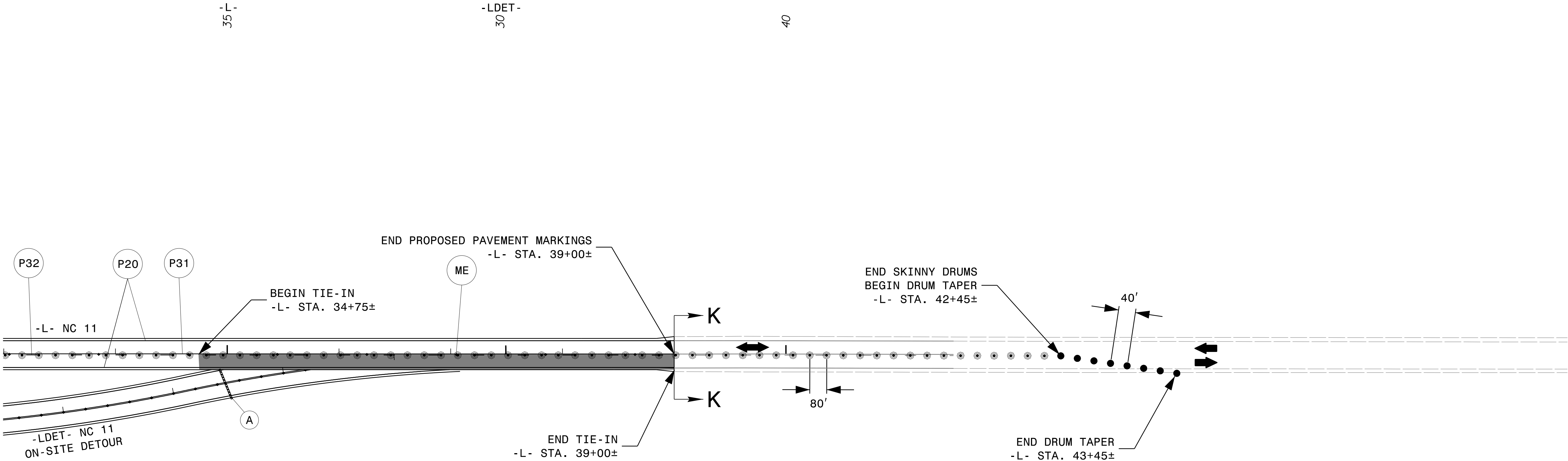
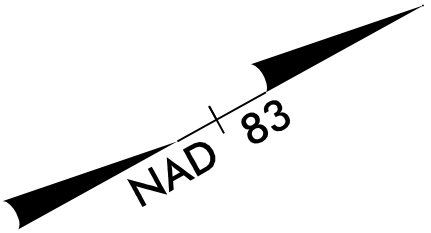
2/27/2025
C:\Users\charlot\OneDrive\Documents\Projects\BR-0153\Eng_Docs\NCDOT\TrafficControl\TCP\BR-0153.tmp_ph4B_pshl.dgn
User:scob

NOTES:

1. SEE ROADWAY STANDARD DRAWING 1101.02
SHEET 1 OF 19 FOR TEMPORARY LANE CLOSURE
FLAGGING OPERATIONS AND SIGNAGE.



PROJ. REFERENCE NO.	SHEET NO.
BR-0153	TMP-19



LEGEND

- WORK AREA
- DRUMS
- SKINNY DRUMS
- TYPE III BARRICADE

APPROVED: _____

DATE: _____

SEAL
037856
ENGINEER
STEVEN S. [Signature]
8/1/2025

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

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

PHASE IV - STEP 2

2/27/2025
U:\Charlotte\17000400S\170004086.00_...BR-0153\Eng_Docs\NCDOT\TrafficControl\TCP\BR-0153.tmp_ph4B_psh2.dgn
User:scob