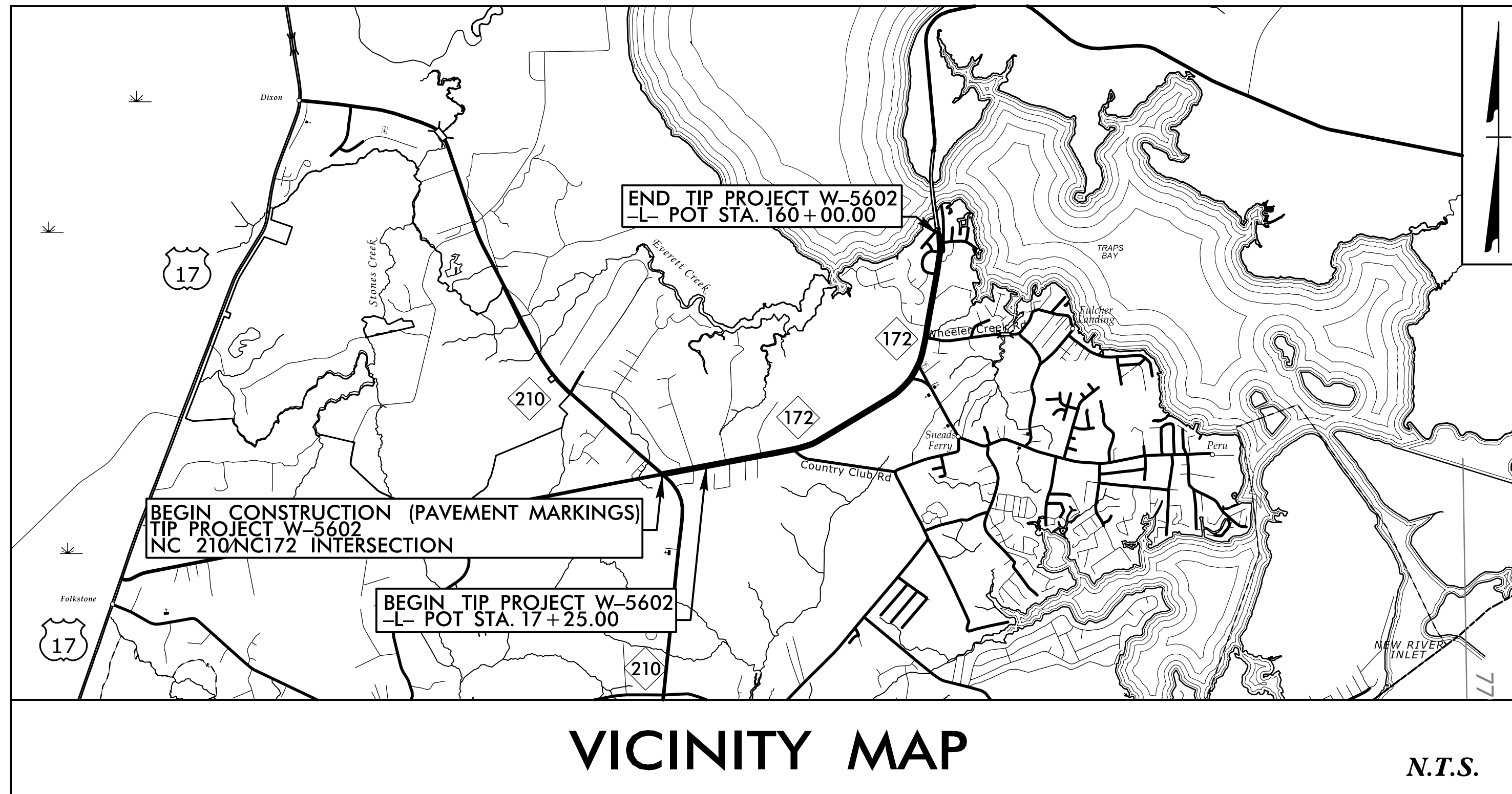
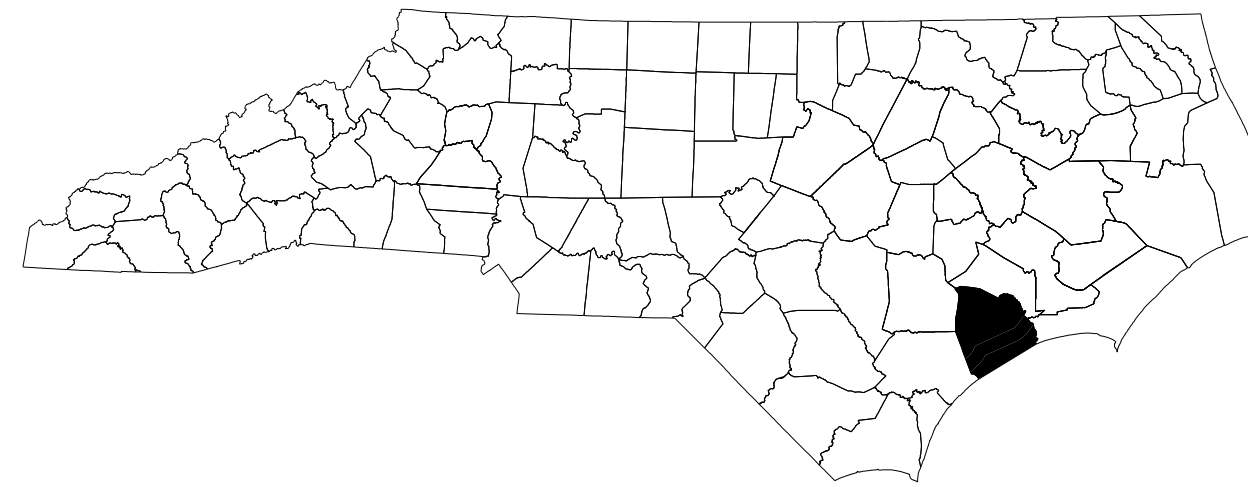


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**ONSLOW COUNTY**



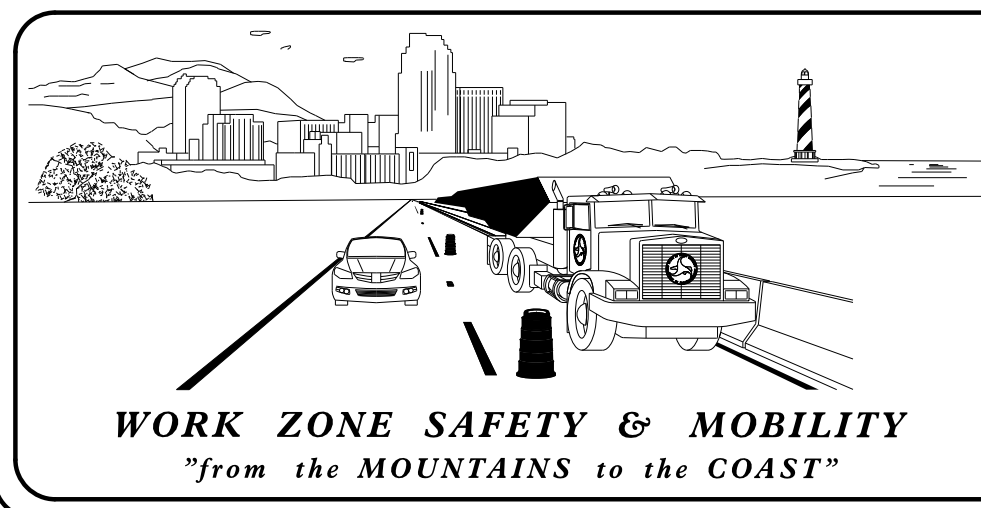
**INDEX OF SHEETS**

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	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
TMP-2	TEMPORARY TRAFFIC CONTROL PHASING
TMP-3 THRU TMP-5	PHASE I DETAIL
TMP-6 THRU TMP-8	PHASE II DETAIL
TMP-9 THRU TMP-11	PHASE III DETAIL
TMP-12 THRU TMP-14	PHASE IV DETAIL
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TMP-23 THRU TMP-26	PHASE VII DETAIL
TMP-27 THRU TMP-30	PHASE VIII DETAIL

SHEET NO.  
TMP-1

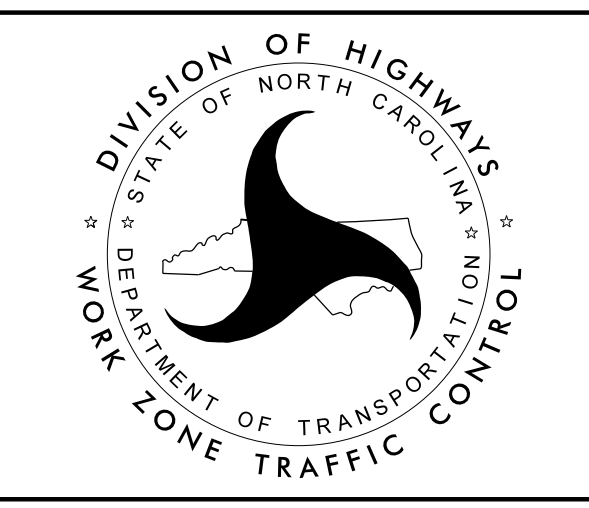
**TIP PROJECT: W-5602**

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UNLESS ALL SIGNATURES COMPLETED



**HIGHWAY DIVISION 3**  
5504 BARBADOS BLVD  
CASTLE HAYNE, NC 28429  
PHONE: (910) 341-2200

JESSI LEONARD, PE **DIVISION TRAFFIC ENGINEER**  
PATRICK A. LIVINGSTON, PE **TRAFFIC CONTROL PROJECT ENGINEER**  
WESTON D. MURPHY, EI **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**  
STARKE W. HIPPI, EI **TRAFFIC CONTROL DESIGN ENGINEER**



**PLANS PREPARED BY:**  
**STV** 100 Years STV Engineers, Inc.  
1600 Perimeter Park Dr.  
Suite 225  
Morrisville, NC 27560  
NC License Number F-0991

**FINAL PLANS**  
SUBMITTED: 10-15-18

**APPROVED:** Patrick Livingston  
**DATE:** 10/15/2018

**SEAL**

10/15/2018  
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Livingston, P.A.

# ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - CONTRACT STANDARDS AND DEVELOPMENT UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE 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
1150.01	FLAGGINGS
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS

# LEGEND

## GENERAL

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

## 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

## SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## PAVEMENT MARKERS

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

## PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

## TEMPORARY PAVEMENT MARKING SCHEDULE

PAINT 4"	
PI	YELLOW DOUBLE CENTERLINE
PH	YELLOW SINGLE CENTERLINE
PF	YELLOW 10' SKIPS
PAINT 8"	
PP	YELLOW DIAGONAL

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APPROVED: <i>Patrick Livingston</i> DATE: 10/15/2018 		<h2>ROADWAY STANDARD DRAWINGS &amp; LEGEND</h2>
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## GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

### TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
NC 172 (SNEADS FERRY RD.)	MONDAY THRU FRIDAY 6:00 A.M. TO 9:00 A.M. AND 4:00 P.M. TO 7:00 P.M.

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

ROAD NAME

NC 172 (SNEADS FERRY RD.)

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 9:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9:00 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 9:00 A.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 9:00 A.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 P.M. TUESDAY TO 9:00 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR THE SNEADS FERRY SHRIMP FESTIVAL DURING THE SECOND WEEK OF AUGUST.

### 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 WITHIN A LANE OF TRAVEL OF AN UNDIVIDED 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 SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

### PAVEMENT EDGE DROP OFF REQUIREMENTS

- BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPEN TRAVEL LANE THAT HAS 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.

- 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) 200 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

IN LOCATIONS OF 4" MILLING, IMMEDIATELY PLACE ASPHALT TO MEET THE REQUIRED MAXIMUM ELEVATION CHANGE BETWEEN OPEN LANES.

### TRAFFIC PATTERN ALTERATIONS

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

### SIGNING

- 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.
- ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 200 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

### TRAFFIC CONTROL DEVICES

- 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 RADIUS, AND 3 FT OF 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.
- 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.
- ACROSS FROM DRIVEWAYS, USE A TIGHTER DRUM SPACING OF 10' INSTEAD OF 80' TO CLARIFY NO THRU ACCESS.

### PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
NC 172 (-L-)	PAINT	NONE

- 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.
- TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKING AND MARKERS BY THE END OF EACH DAY'S OPERATION.

### MISCELLANEOUS

- IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 200 FT AND 400 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

## MANAGEMENT STRATEGIES

PHASE I - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE RIGHT SIDE OF -L- IS CONSTRUCTED.

PHASE II - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE LEFT SIDE OF -L- IS CONSTRUCTED.

PHASE III - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE RIGHT SIDE OF -L- IS CONSTRUCTED.

PHASE IV - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE LEFT SIDE OF -L- IS CONSTRUCTED.

PHASE V - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE RIGHT SIDE OF -L- IS CONSTRUCTED.

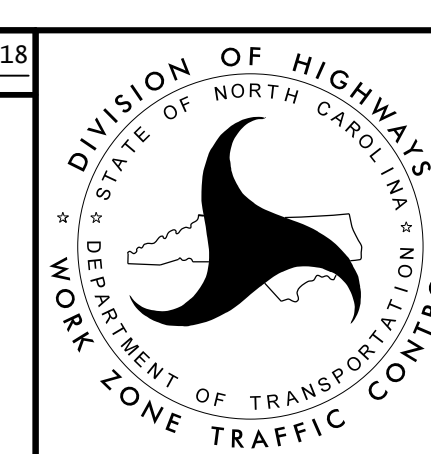
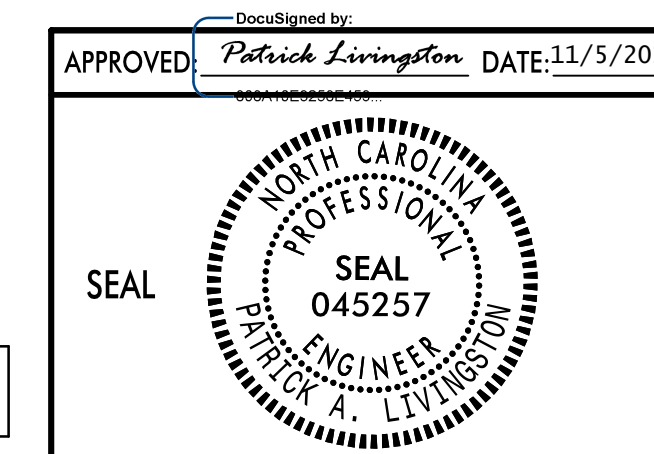
PHASE VI - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE LEFT SIDE OF -L- IS CONSTRUCTED.

PHASE VII - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE LEFT SIDE OF -L- IS CONSTRUCTED.

PHASE VIII - TRAFFIC WILL BE SHIFTED TO A 1-LANE, 2-WAY CONFIGURATION AS THE RIGHT SIDE OF -L- IS CONSTRUCTED.

PHASE IX - FINAL SURFACE LAYER AND PAVEMENT MARKINGS SHALL BE CONSTRUCTED.

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## TRANSPORTATION OPERATIONS PLAN

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# PHASING NOTES



PROJ. REFERENCE NO.	SHEET NO.
W-5602	TMP-2

**NOTE:**

- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS FOR ALL PHASES WITHIN THE PROJECT LIMITS AND COORDINATE AS NECESSARY WITH PROPERTY OWNERS.
- SOME PHASES MAY BE COMBINED AT THE DISCRETION OF THE RESIDENT ENGINEER.
- FLAGGERS SHALL BE USED AS NECESSARY ON ALL MAJOR DRIVEWAYS.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING PLANS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- KEEP TRAFFIC OFF OF CURB AND GUTTER WHILE IT IS CURING.

## PHASE I

**STEP 1**

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADWAYS WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.01, SHEET 3 OF 3.

**STEP 2**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE EAST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- FROM STA. 122+50 TO STA. 160+00 RT.
- B) CONSTRUCT -Y5- (OLD FERRY RD.) AND ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 122+50 TO STA. 160+00 RT.

## PHASE II

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE WEST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- FROM STA. 125+00 TO STA. 160+00 LT.
- B) CONSTRUCT ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 125+00 TO STA. 160+00 LT.

**STEP 2**

- A) PLACE TEMPORARY PAVEMENT MARKINGS FROM -L- STA. 125+00 TO STA. 160+00.

## PHASE III

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE WEST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- FROM STA. 103+00 TO STA. 125+00 LT.
- B) CONSTRUCT -Y3A- AND ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 103+00 TO STA. 125+00 LT.

## PHASE IV

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE EAST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL PAVEMENT LAYER ON -L- FROM STA. 103+00 TO STA. 122+50 RT.
- B) CONSTRUCT -Y4-, -Y3-, -Y2- AND ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 103+00 TO STA. 122+50 RT.

**STEP 2**

- A) PLACE TEMPORARY PAVEMENT MARKINGS FROM -L- STA. 103+00 TO STA. 125+00.

## PHASE V

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE EAST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- FROM STA. 59+00 TO STA. 103+00 RT.
- B) CONSTRUCT ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 59+00 TO STA. 103+00 RT.

## PHASE VI

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE WEST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- FROM STA. 60+00 TO STA. 103+00 LT.
- B) CONSTRUCT ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 60+00 TO STA. 103+00 LT.

**STEP 2**

- A) PLACE TEMPORARY PAVEMENT MARKINGS FROM -L- STA. 60+00 TO STA. 103+00.

## PHASE VII

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE WEST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER AND ON -L- FROM STA. 17+25 TO STA. 60+00 LT.
- B) CONSTRUCT -Y1A- AND ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 17+25 TO STA. 60+00 LT.

## PHASE VIII

**STEP 1**

- A) USING RSD NO. 1101.02, SHEET 1 OF 14, CLOSE EAST BOUND -L- (SNEADS FERRY RD./NC 172) TO CONSTRUCT ROADWAY, CURB & GUTTER, AND DRAINAGE STRUCTURES UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- FROM STA. 17+25 TO STA. 59+00 RT.
- B) CONSTRUCT -Y1- (COUNTRY CLUB RD.) AND ALL INCIDENTAL INTERSECTIONS UP TO BUT NOT INCLUDING FINAL SURFACE LAYER FROM -L- STA. 17+25 TO 59+00 RT.

**STEP 2**

- A) PLACE TEMPORARY PAVEMENT MARKINGS FROM -L- STA. 17+25 TO STA. 60+00.

## PHASE IX

**STEP 1**

USING RSD NO. 1101.02, SHEET 1 OF 14 AND 2 OF 14, MILL AND CONSTRUCT ROADWAY UP TO BUT NOT INCLUDING FINAL SURFACE LAYER ON -L- (SNEADS FERRY RD./NC 172) FROM THE FOLLOWING STATION RANGES:  
  
-L- STA. 160+00 TO BEGIN EXISTING BRIDGE NO.17.  
END EXISTING BRIDGE NO.17 TO END OF EXISTING GUARDRAIL.

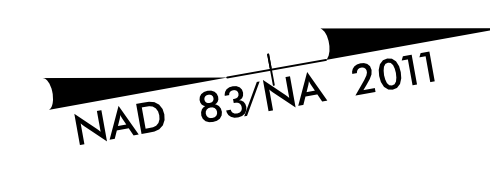
## PHASE X

**STEP 1**

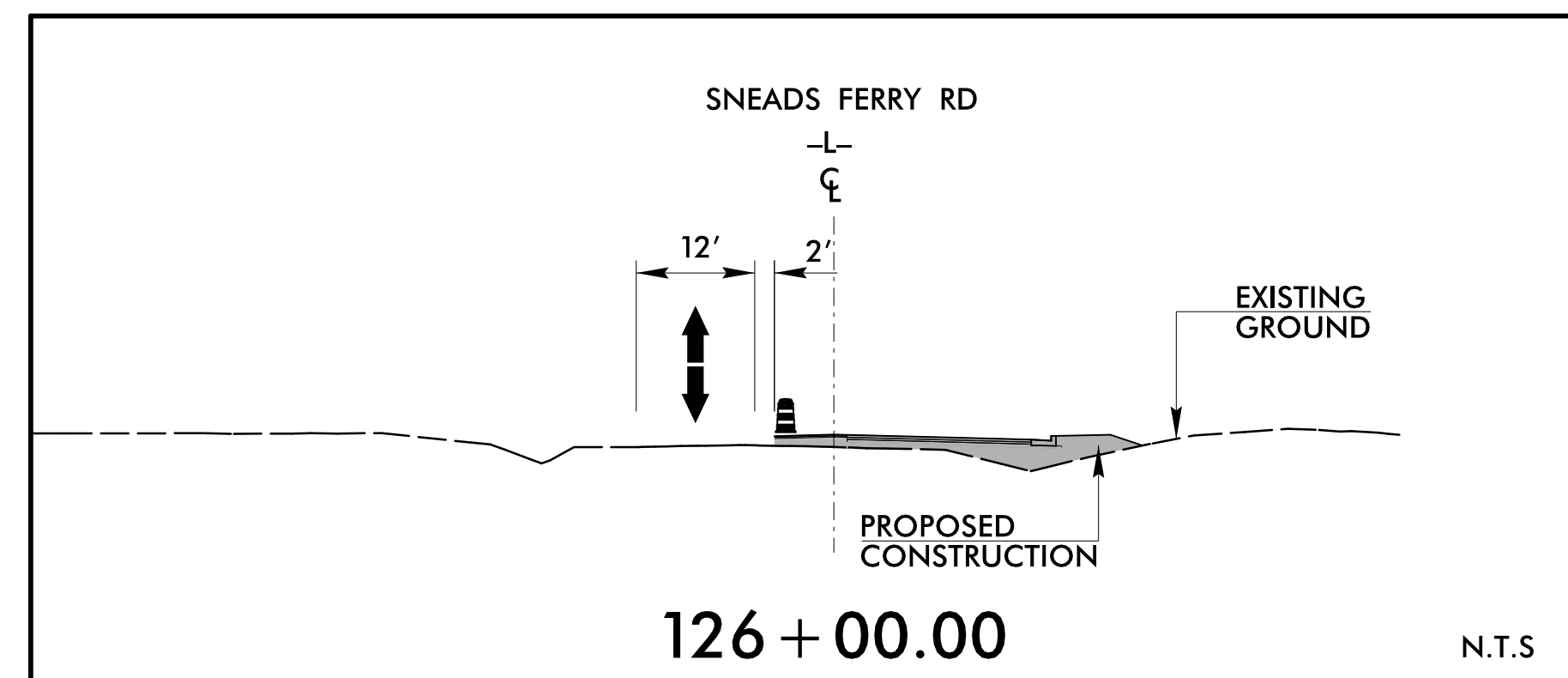
- A) USING RSD NO. 1101.02, SHEET 1 OF 14 AND 2 OF 14, PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS ON -L- (SNEADS FERRY RD./NC 172) FROM NC 210 TO BEGIN EXISTING BRIDGE NO.17 AND FROM END OF EXISTING BRIDGE NO.17 TO END OF EXISTING GAURDRAIL.
- B) REMOVE AND DISPOSE OF ALL TRAFFIC CONTROL DEVICES AND SIGNS RELATING TO THE FINISHED CONSTRUCTION.

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<p>APPROVED: <i>Patrick Livingston</i> DATE: 11/5/2018</p>		<h3 style="margin: 0;">TEMPORARY TRAFFIC CONTROL PHASING</h3>
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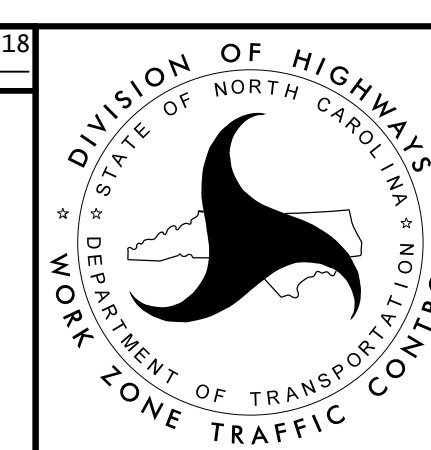
**SECTION A-A**



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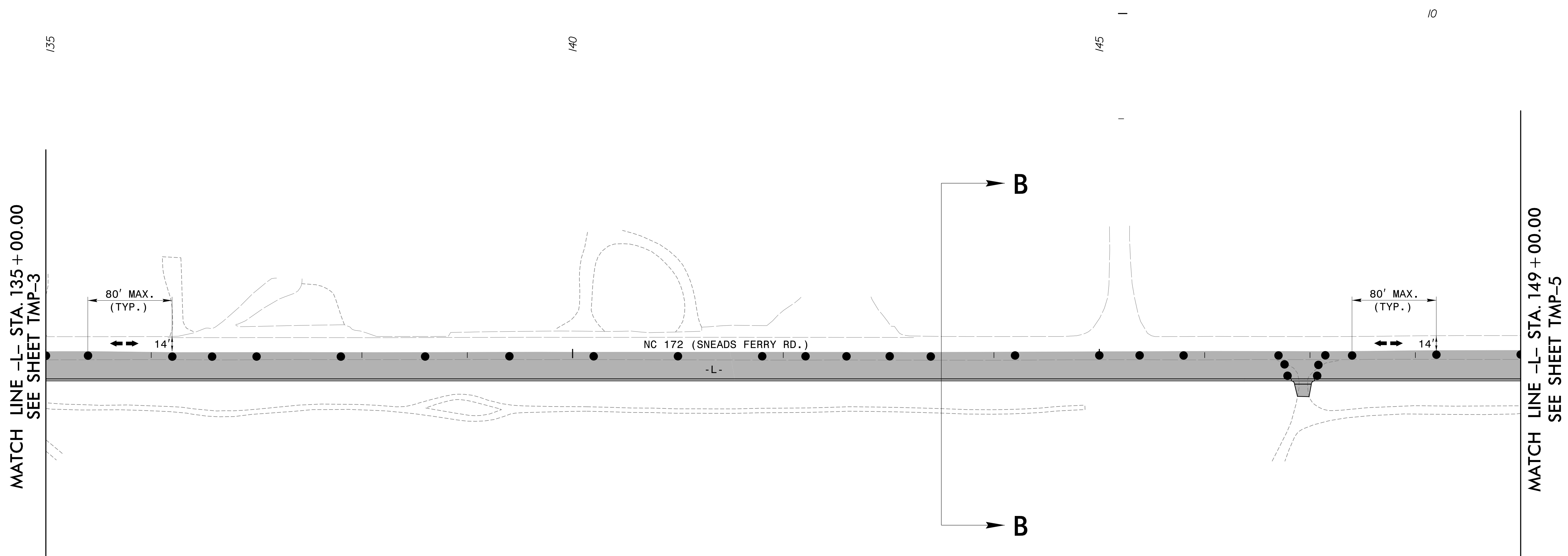
APPROVED: *Patrick Livingston* DATE: 10/15/2018

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 045257 PATRICK A. LIVINGSTON



**PHASE I DETAIL**

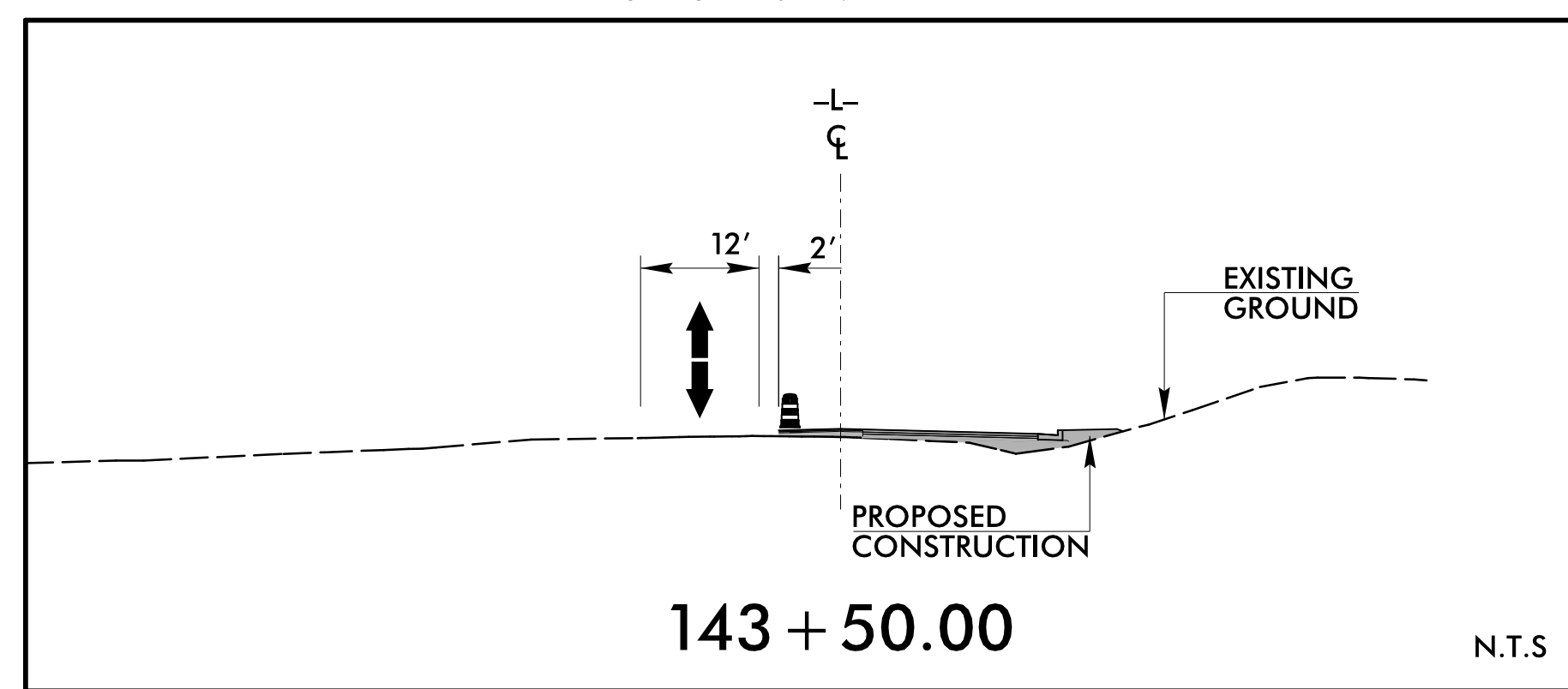
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MATCH LINE -L- STA. 135 + 00.00  
 SEE SHEET TMP-3

MATCH LINE -L- STA. 149 + 00.00  
 SEE SHEET TMP-5

**SECTION B-B**



143 + 50.00

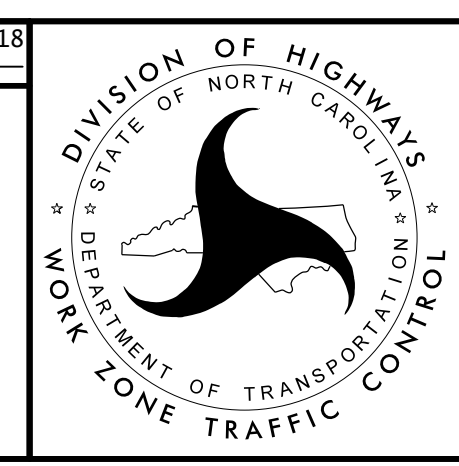
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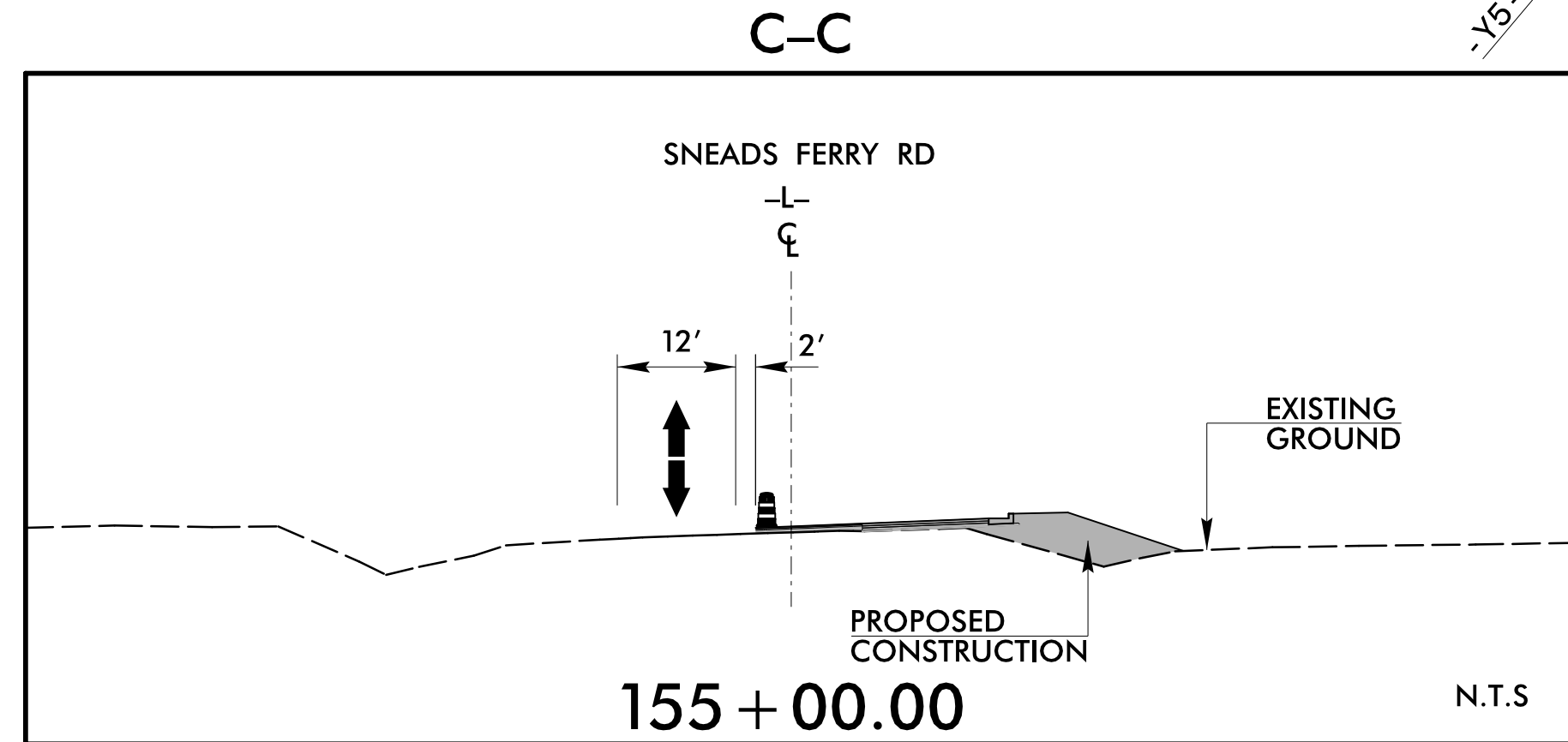
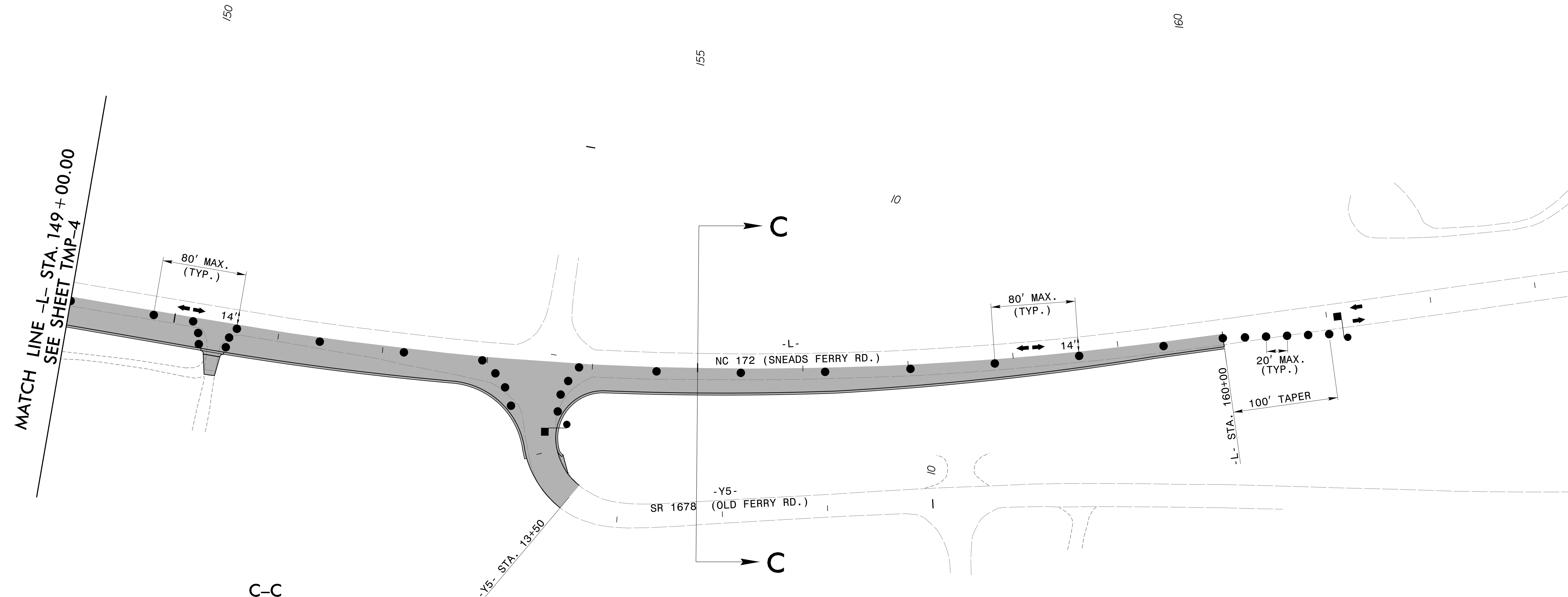
DocuSigned by:  
*Patrick Livingston*

SEAL  
 NORTH CAROLINA  
 PROFESSIONAL  
 ENGINEER  
 SEAL  
 045257  
 PATRICK A. LIVINGSTON



PHASE I DETAIL

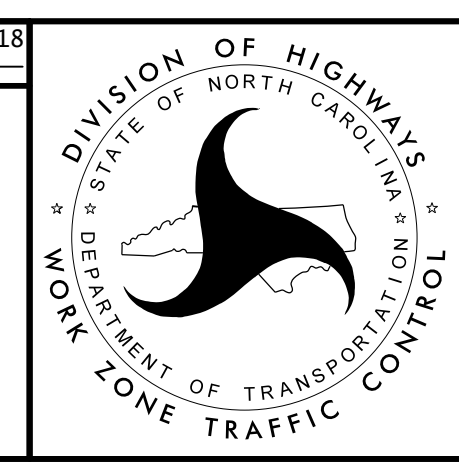
9/24/2018  
 P:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-4(phasel).dgn  
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**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

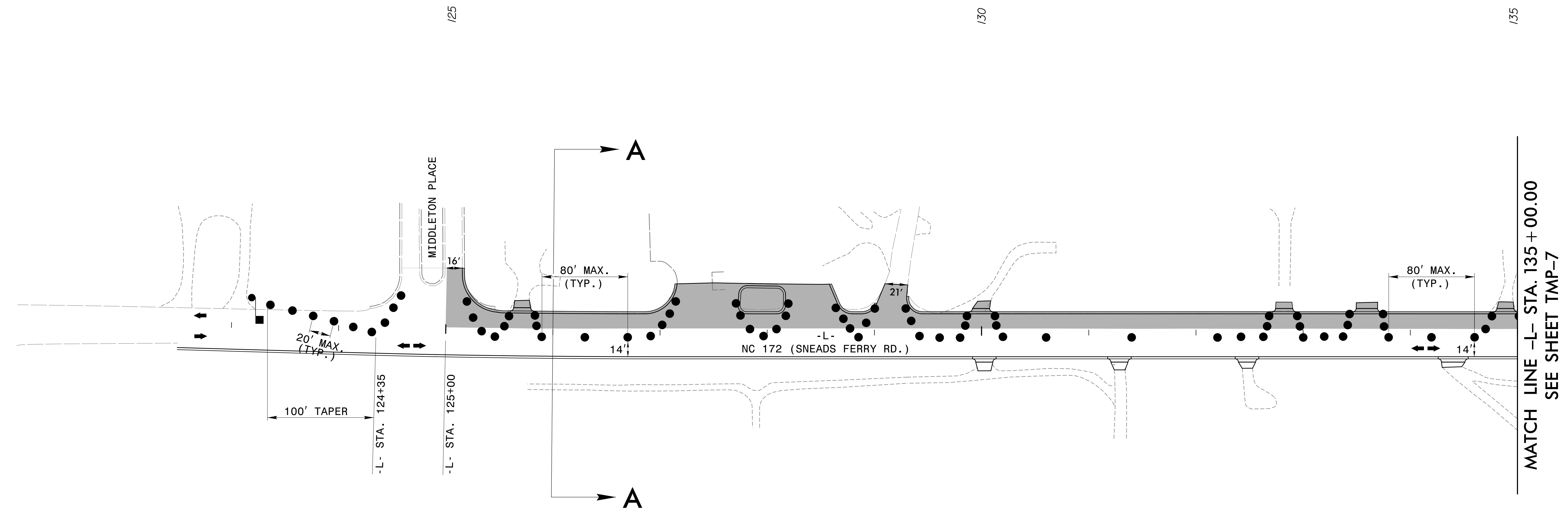
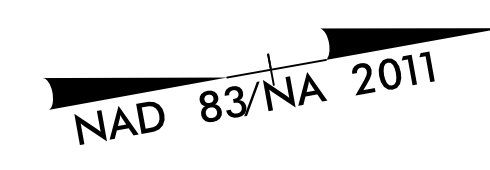
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 SEAL  
 045257  
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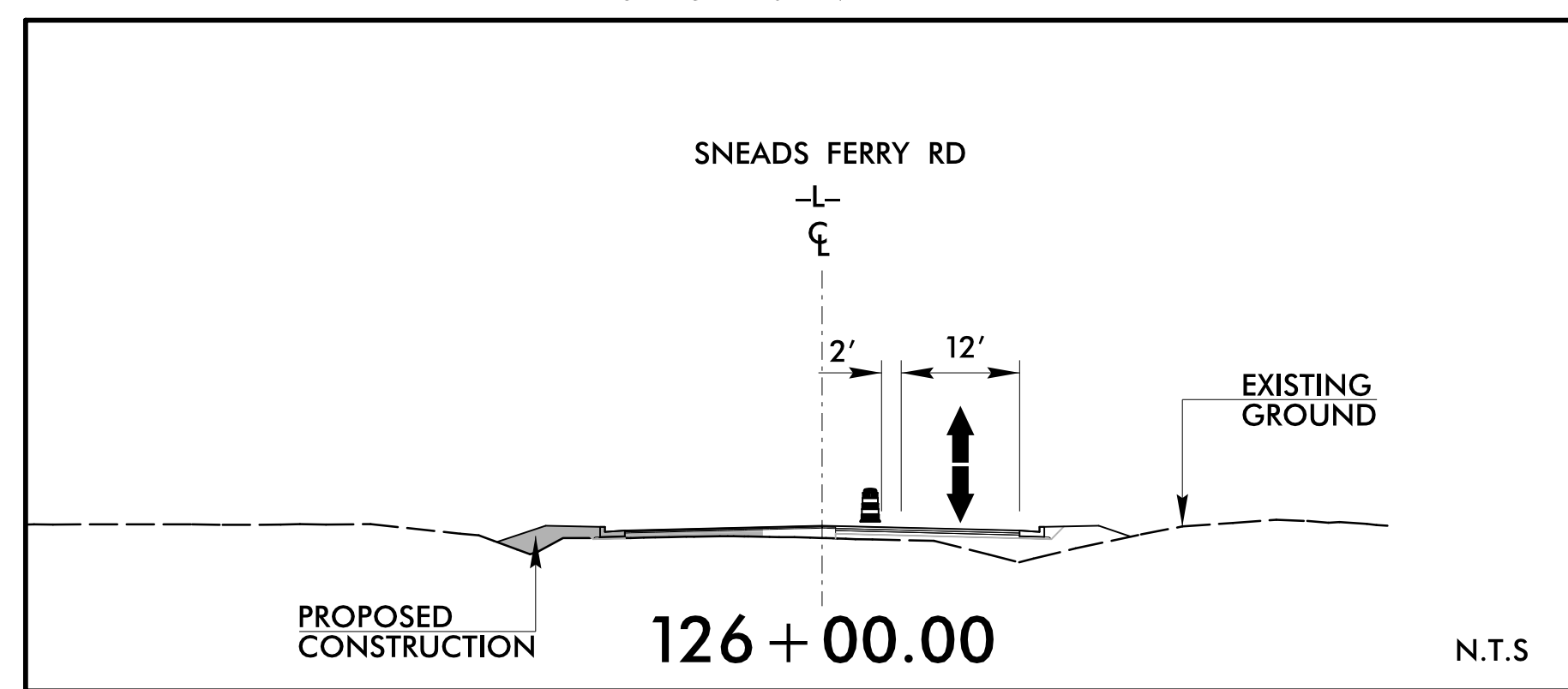
PHASE I DETAIL

9/24/2018  
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MATCH LINE -L- STA. 135 + 00.00  
 SEE SHEET TMP-7

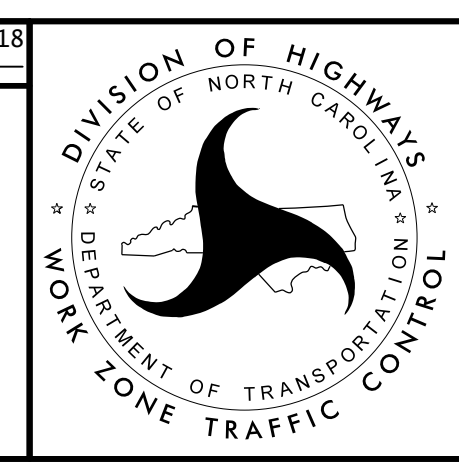
**SECTION A-A**



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APPROVED: *Patrick Livingston* DATE: 10/15/2018

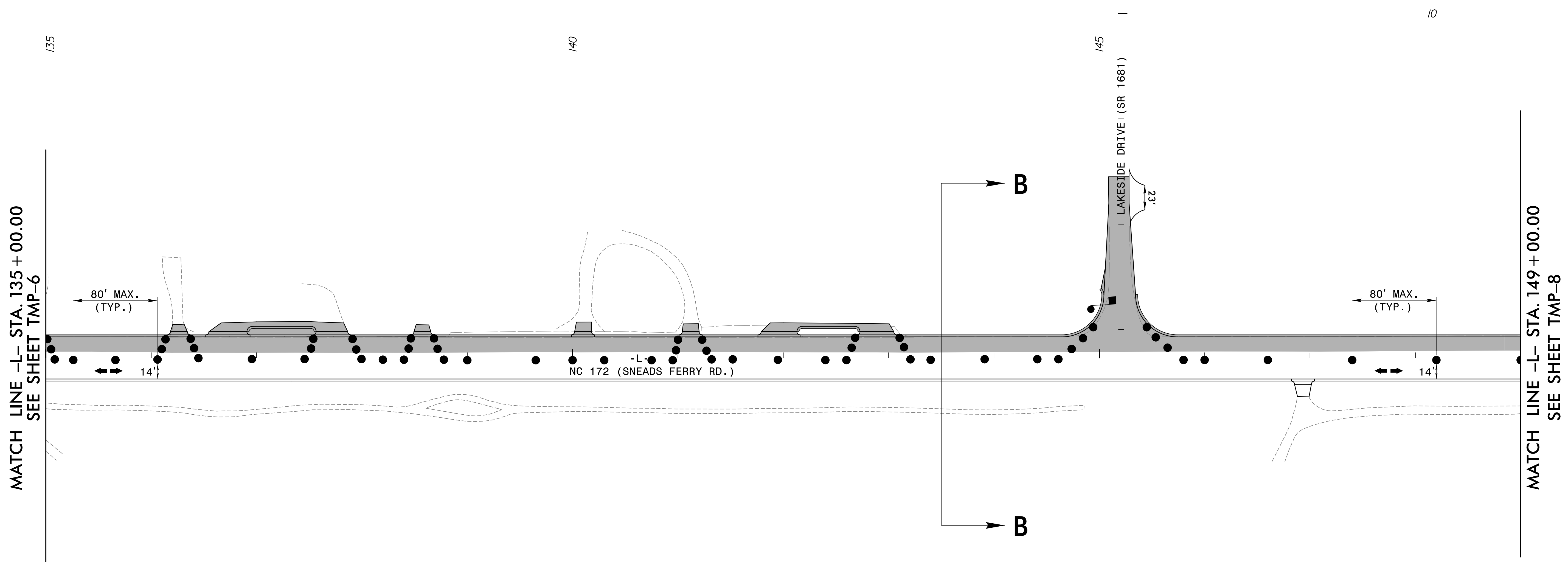
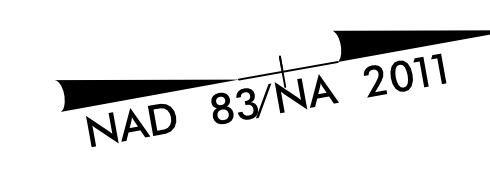
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 SEAL 045257  
 PATRICK A. LIVINGSTON



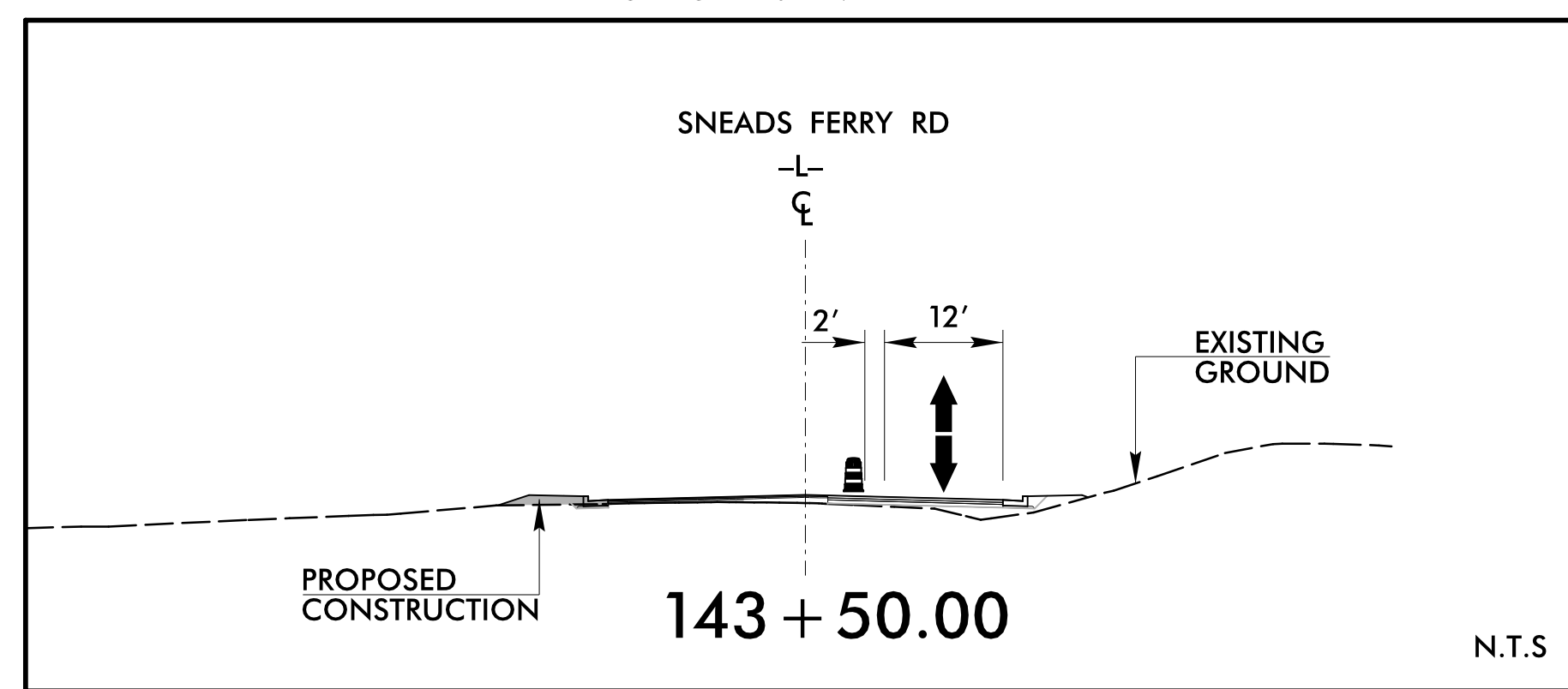
**PHASE II DETAIL**

9/24/2018  
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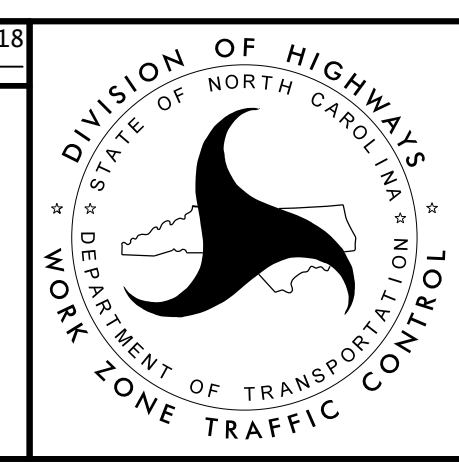
**SECTION B-B**



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

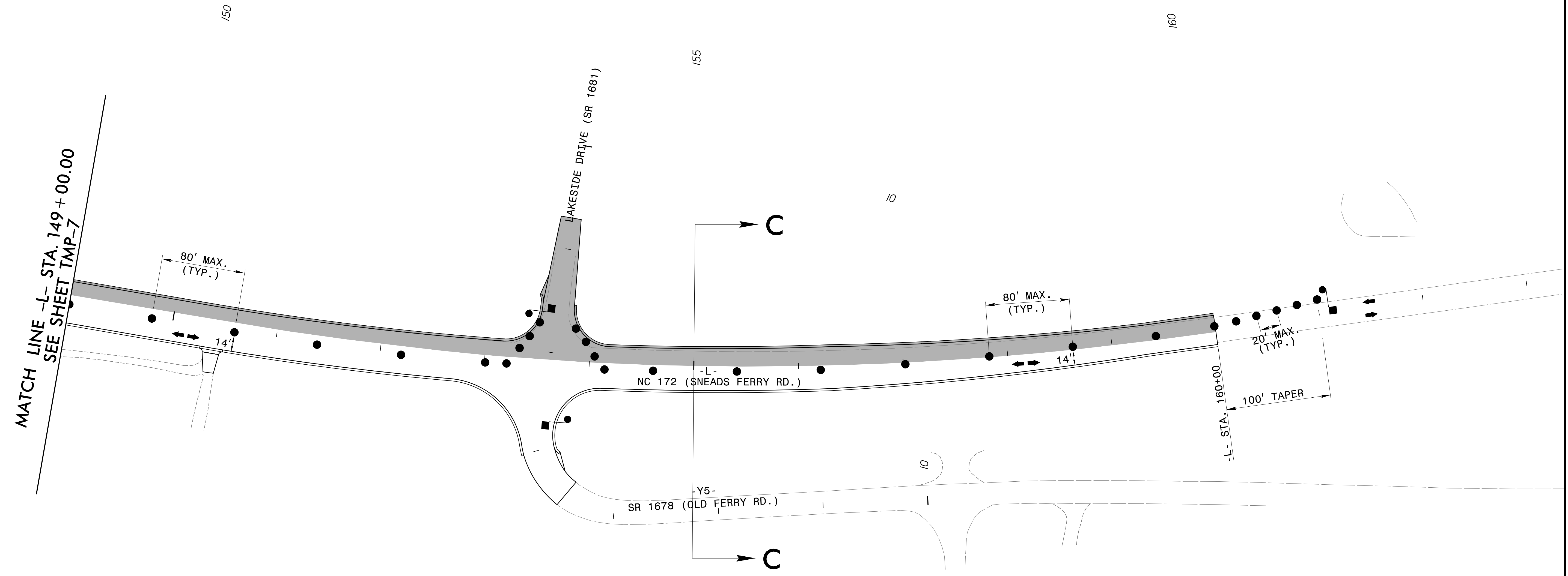
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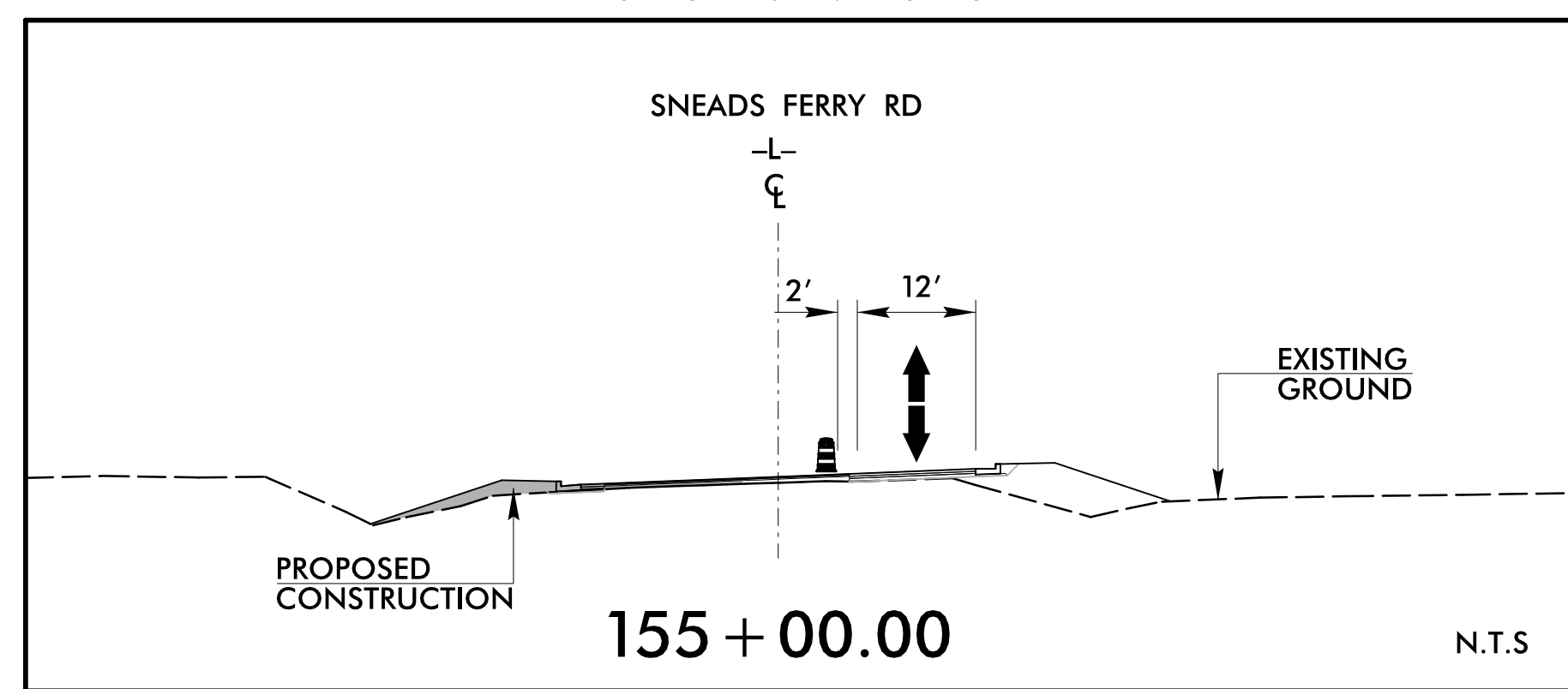


**PHASE II DETAIL**

9/24/2018  
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 PASCALDEN



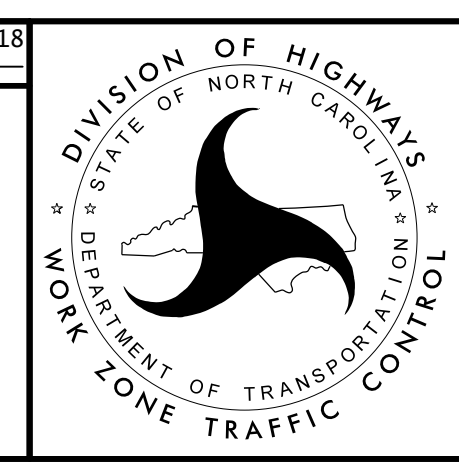
**SECTION C-C**



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

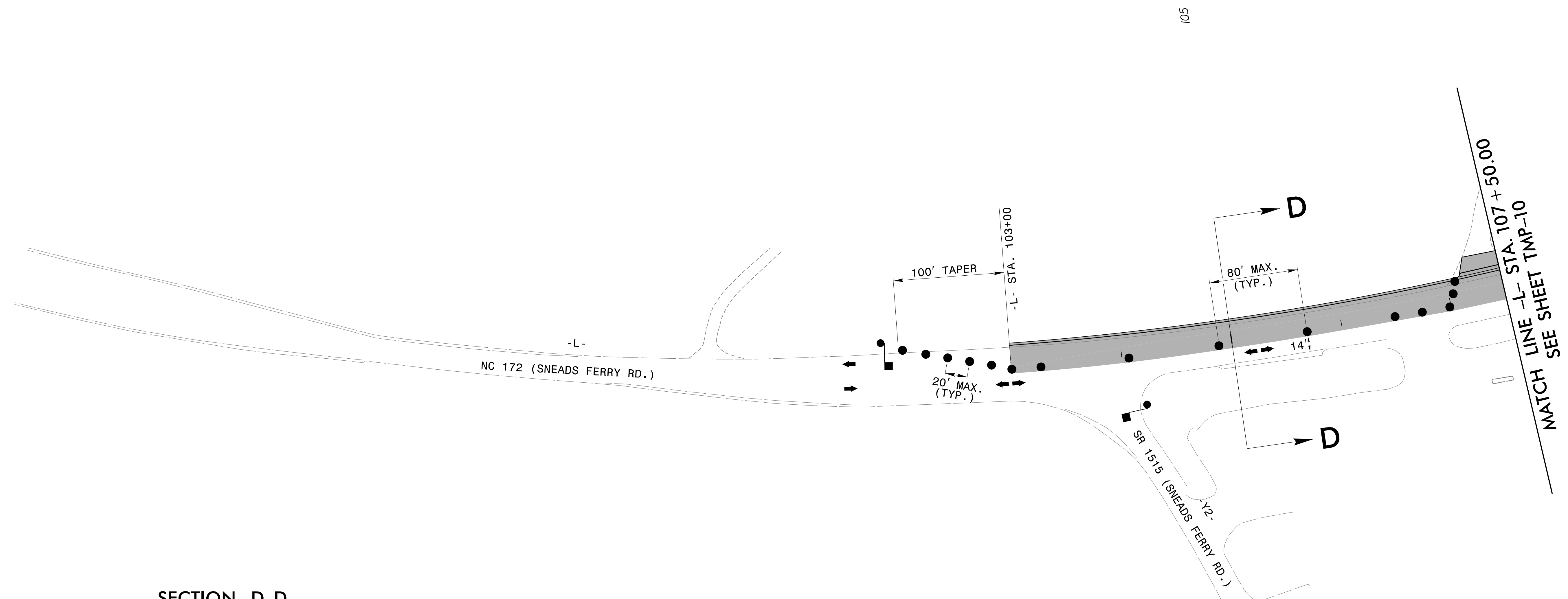
APPROVED: *Patrick Livingston* DATE: 10/15/2018

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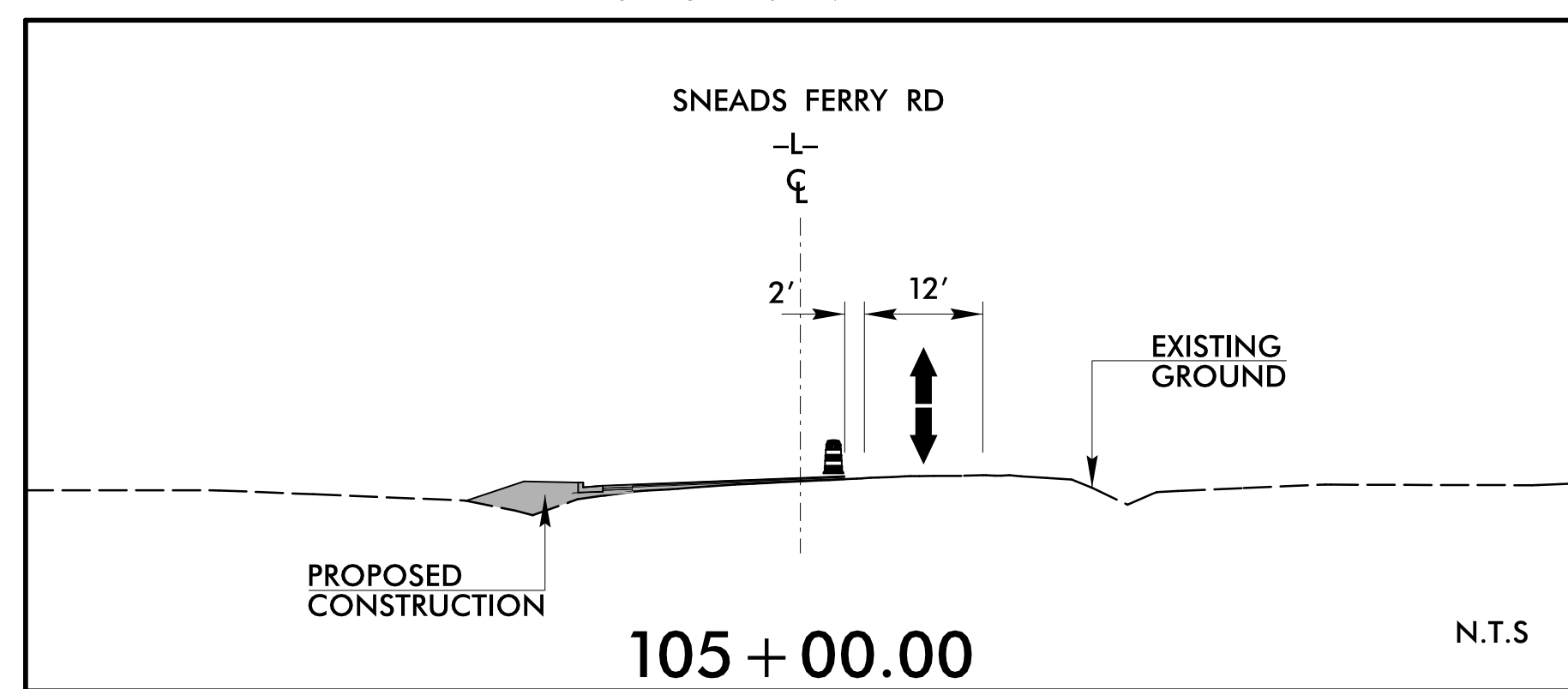


**PHASE II DETAIL**

9/24/2018  
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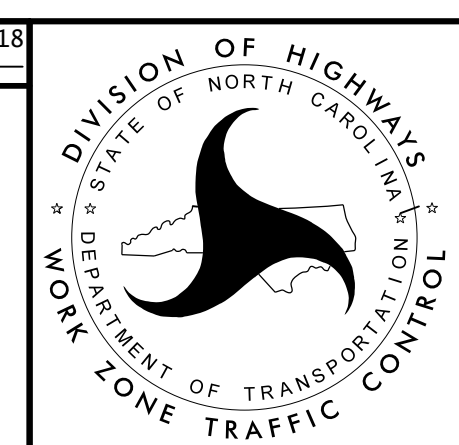
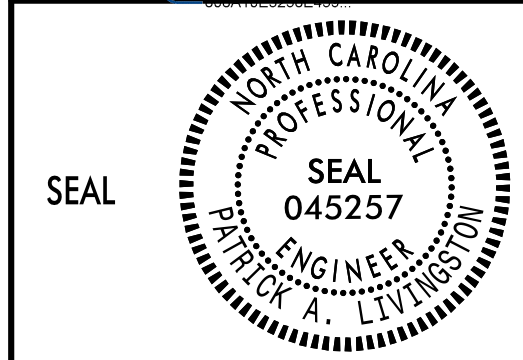


**SECTION D-D**



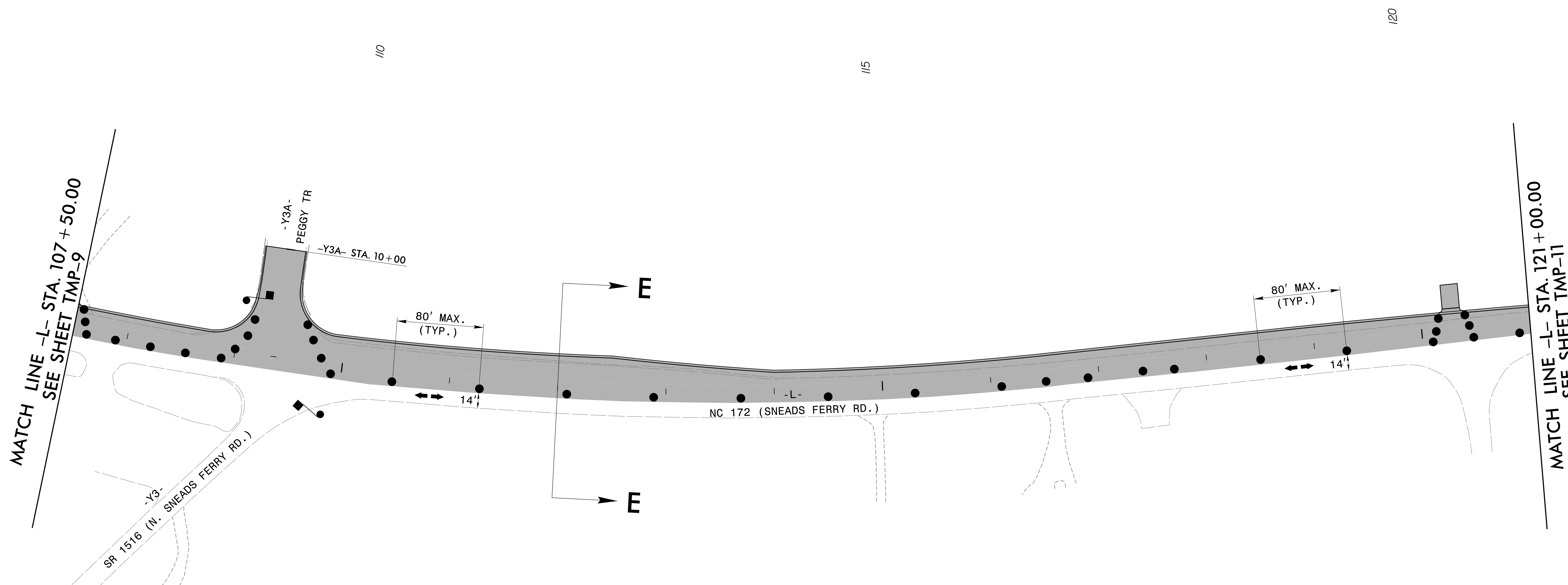
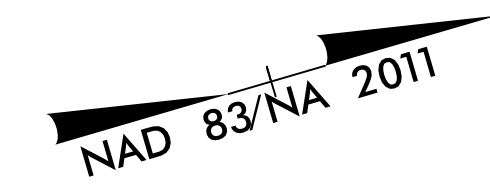
**DOCUMENT NOT CONSIDERED FINAL  
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APPROVED: *Patrick Livingston* DATE: 10/15/2018

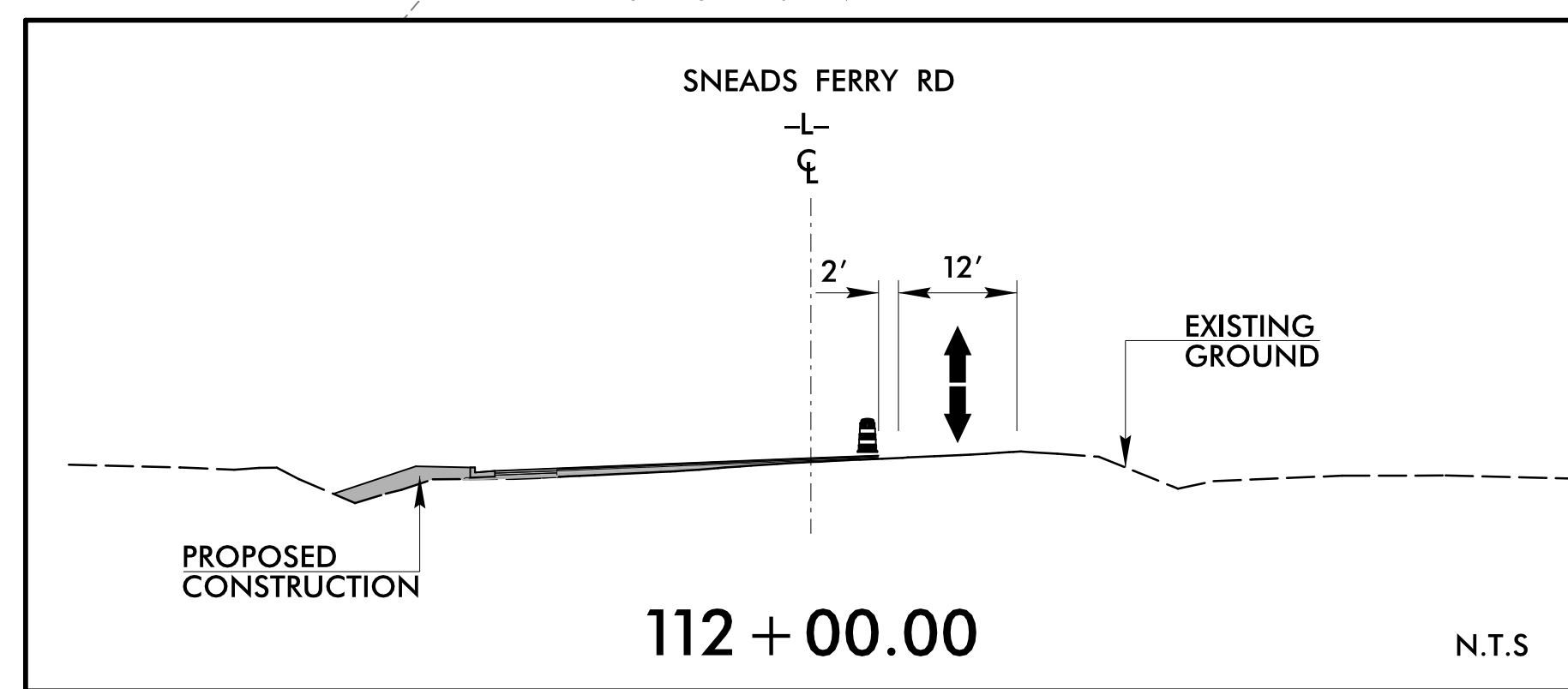


**PHASE III DETAIL**

9/24/2018  
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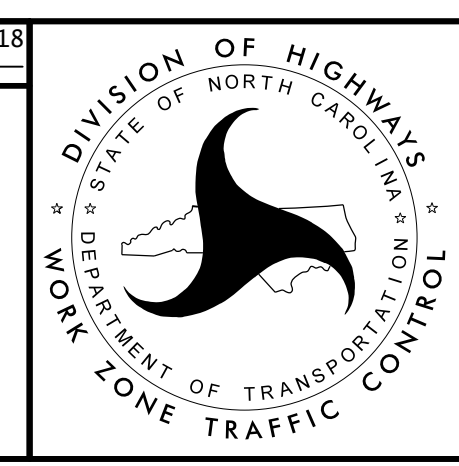
**SECTION E-E**



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

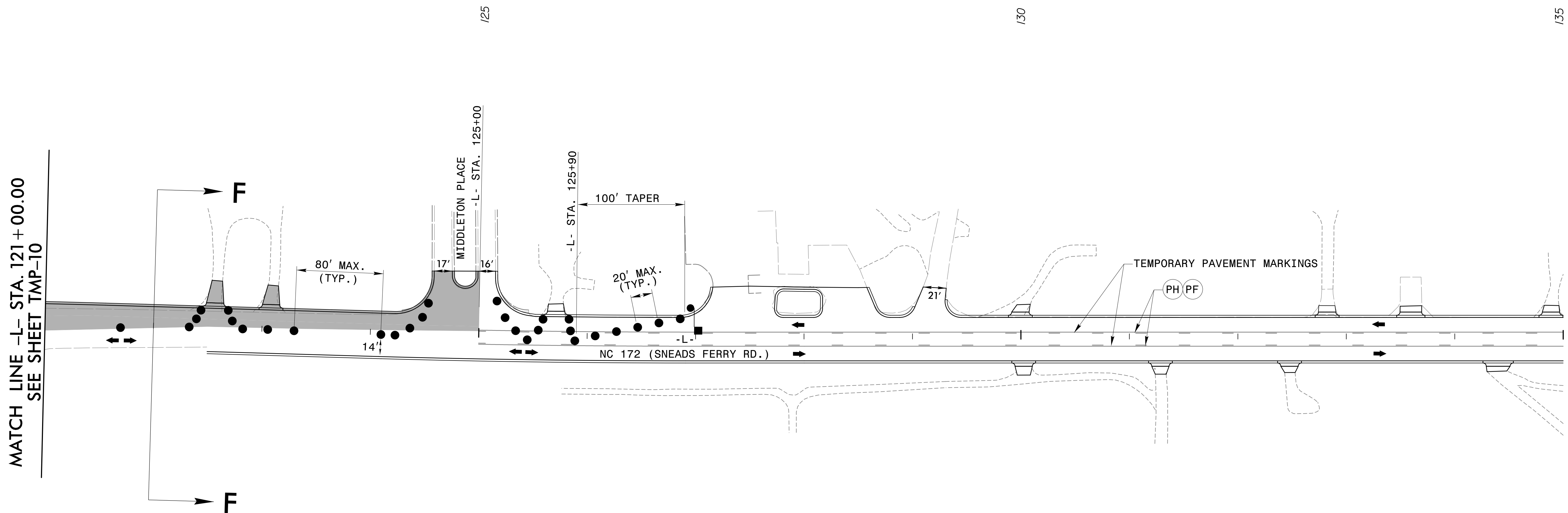
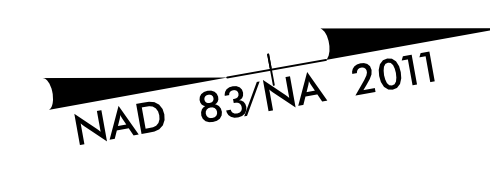
APPROVED: *Petrick Livingston* DATE: 10/15/2018

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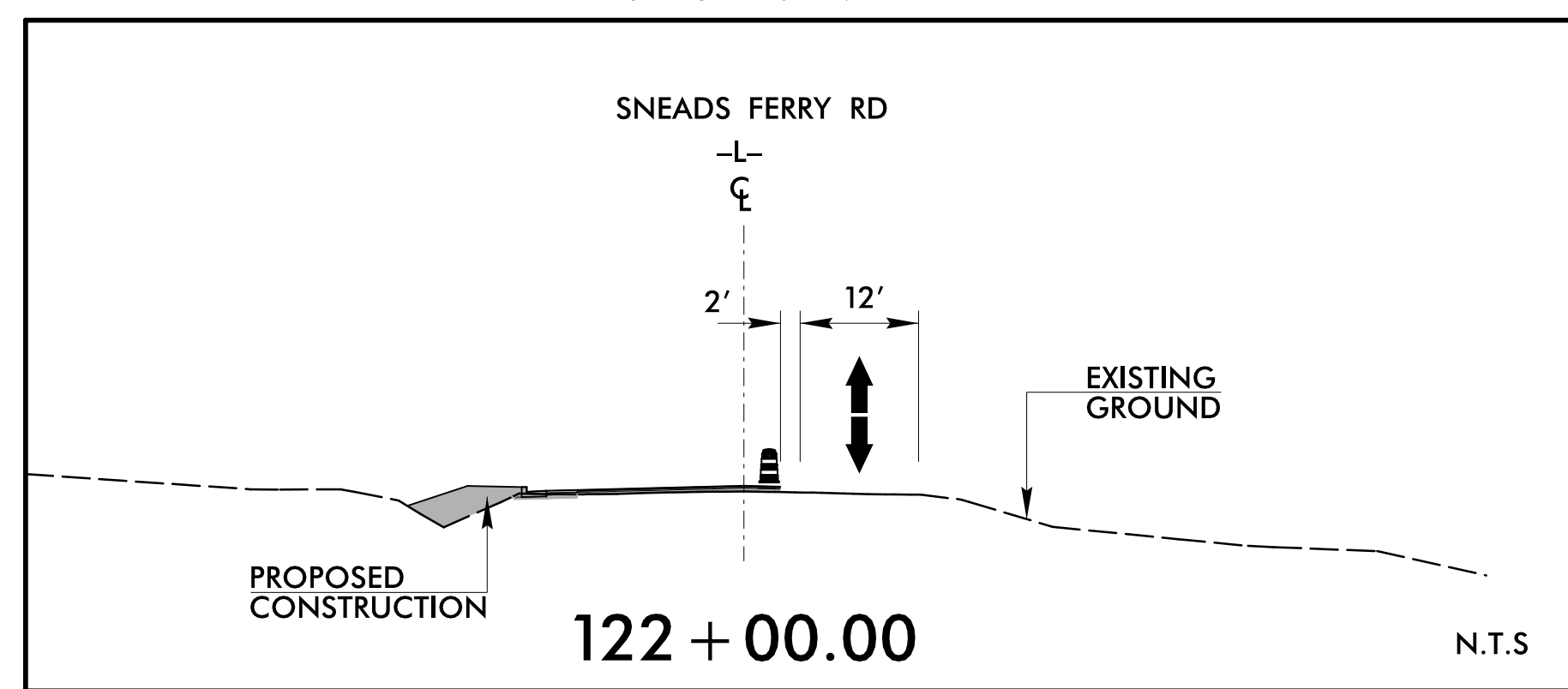


**PHASE III DETAIL**

9/24/2018  
 P:\TrafficControl\TCP\Sheets\W5602\_TC\_TMP-10(phase3).dgn  
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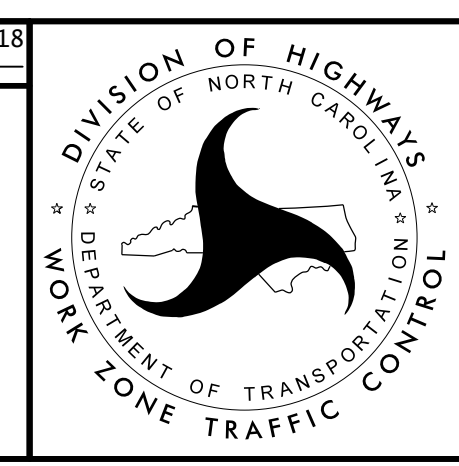
**SECTION F-F**



**DOCUMENT NOT CONSIDERED FINAL  
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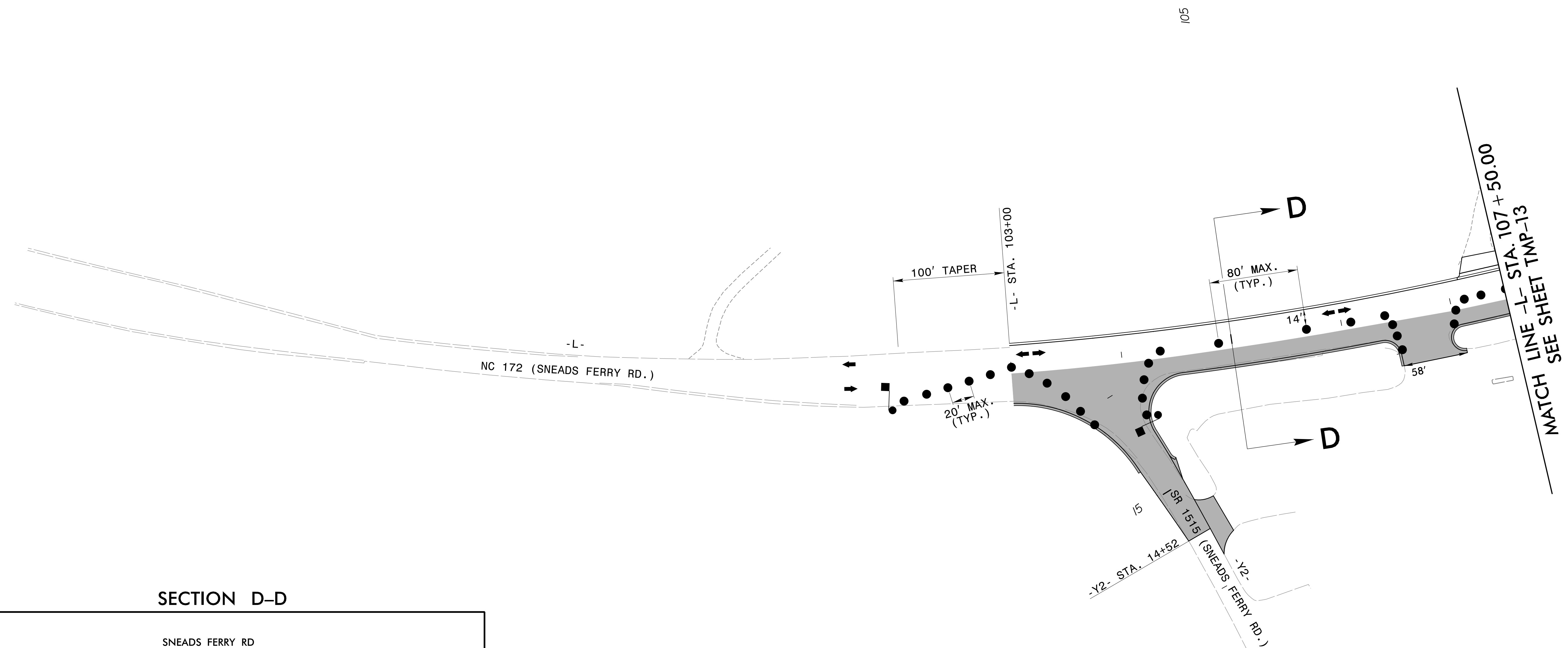
APPROVED: *Patrick Livingston* DATE: 10/15/2018

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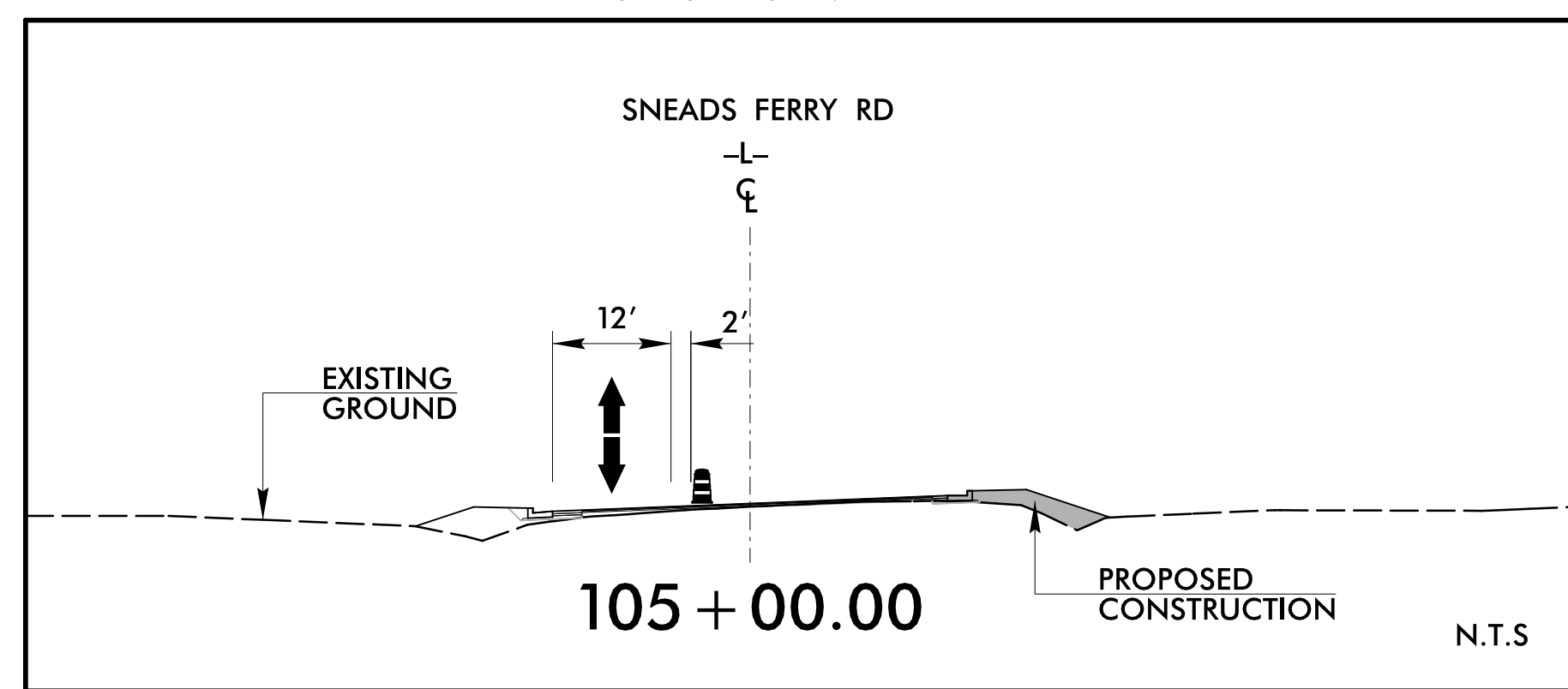


**PHASE III DETAIL**

9/24/2018  
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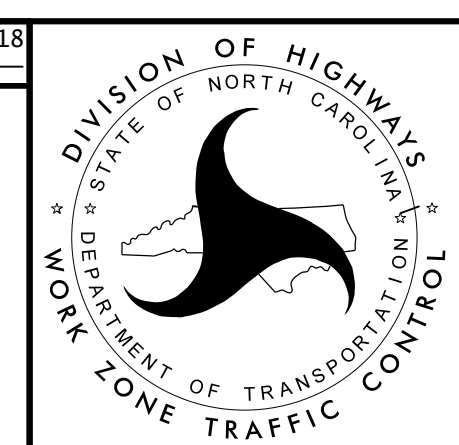
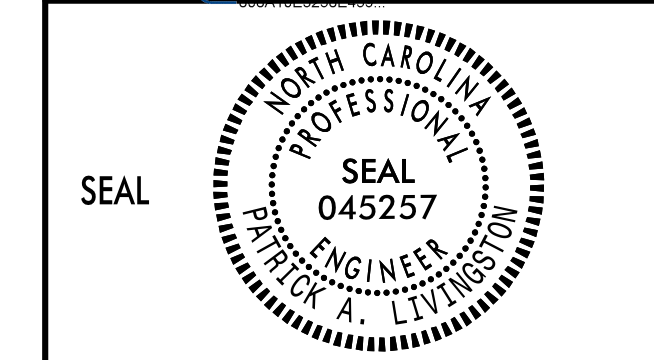


**SECTION D-D**



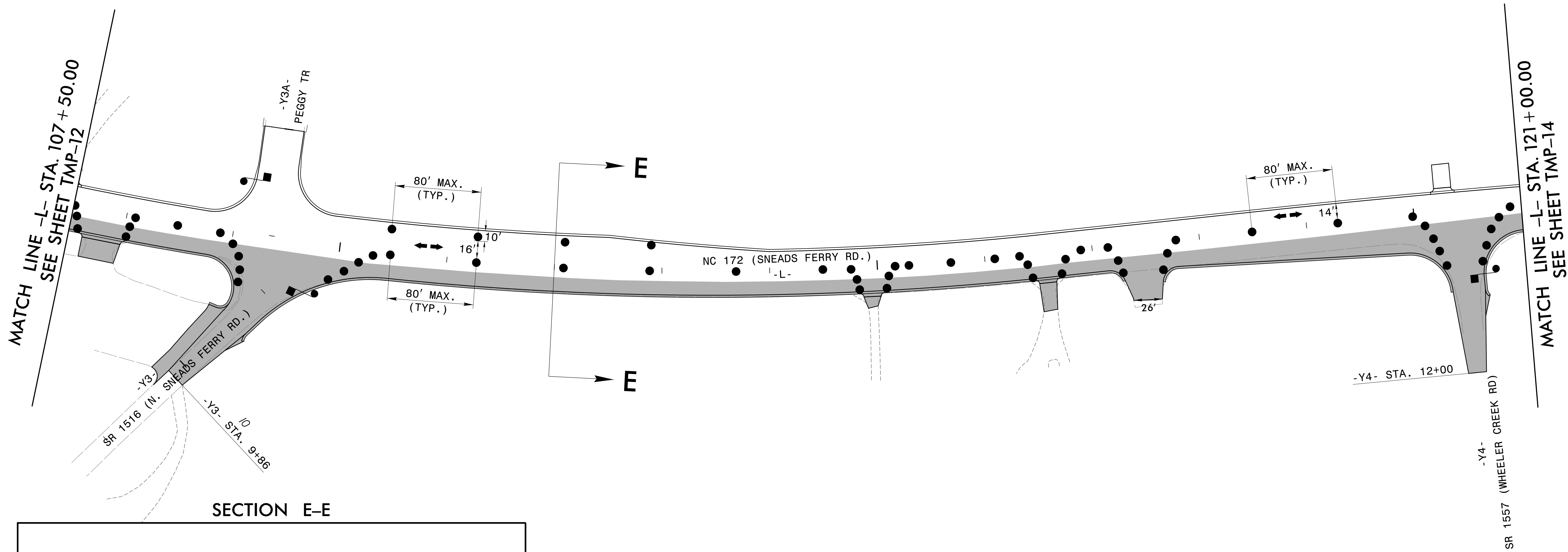
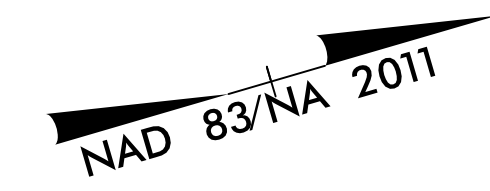
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

APPROVED: *Patrick Livingston* DATE: 10/15/2018

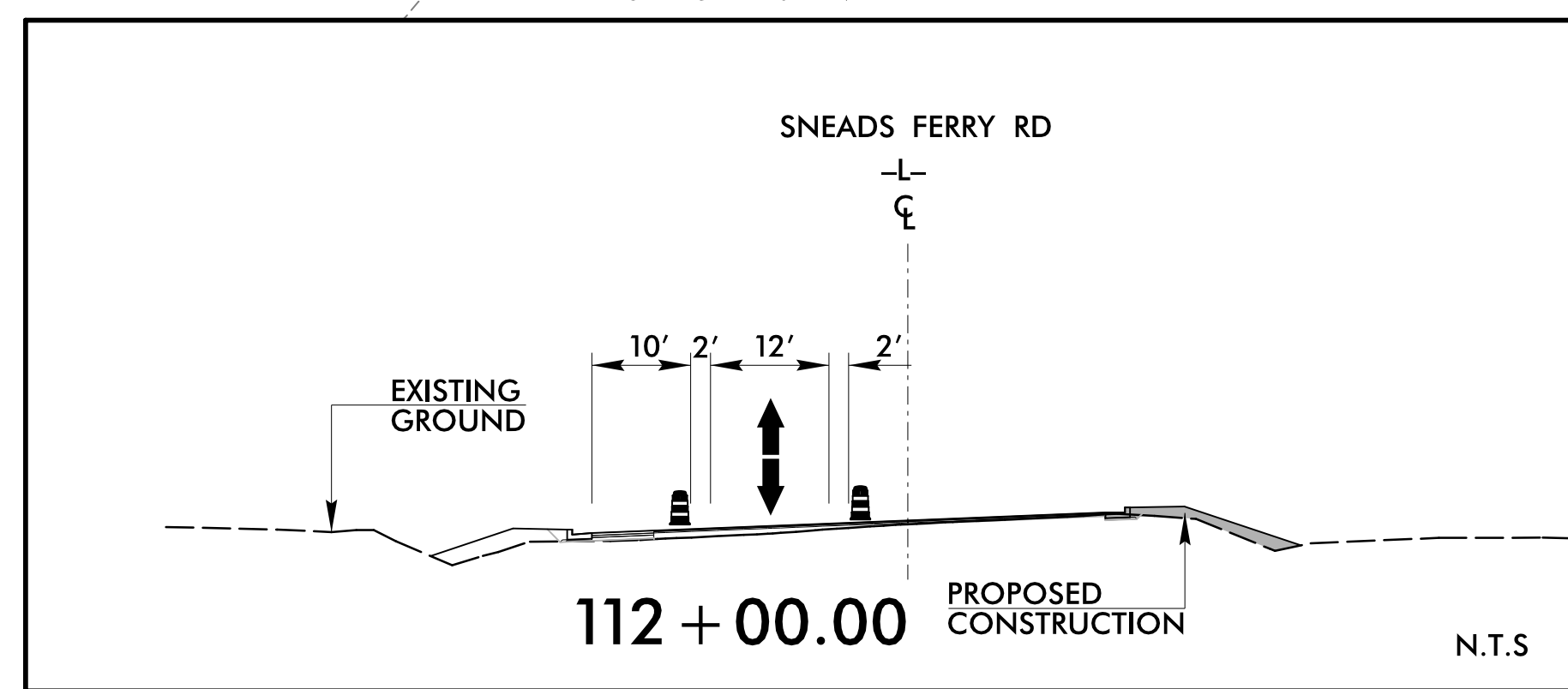


**PHASE IV DETAIL**

9/24/2018  
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 PASCALDEN



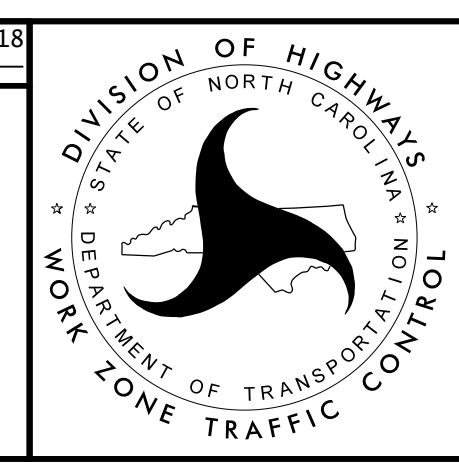
**SECTION E-E**



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

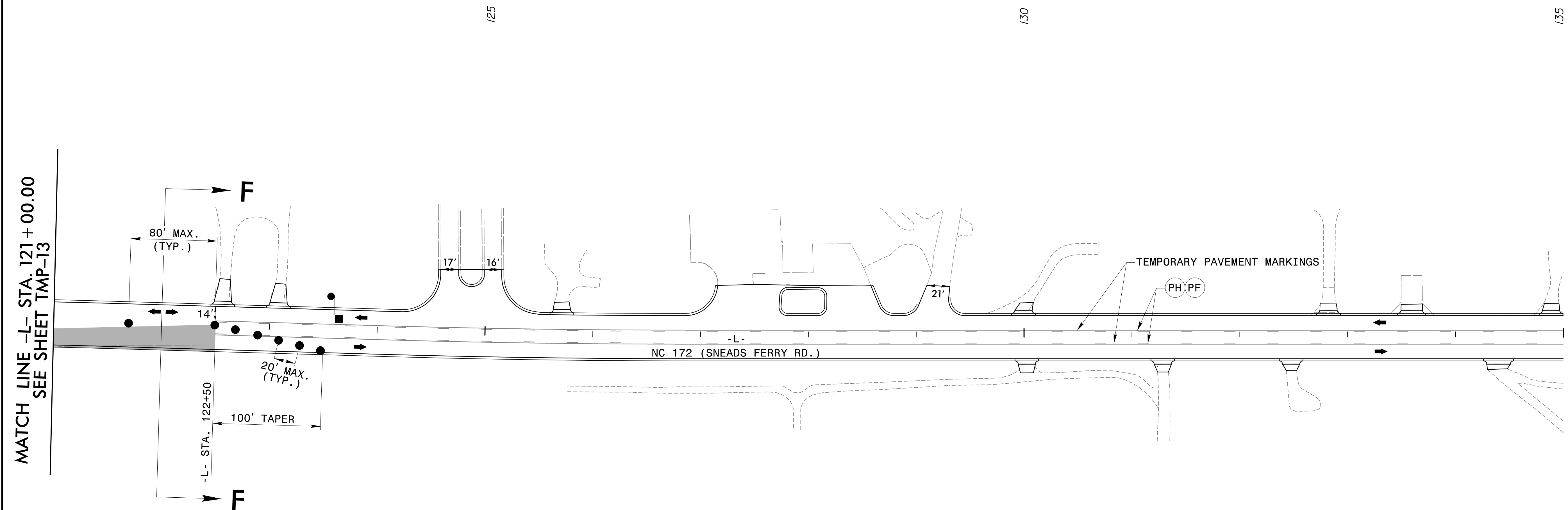
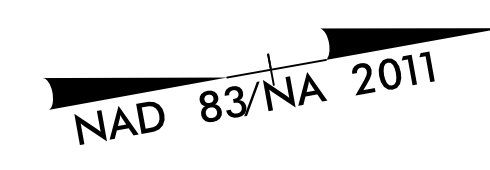
APPROVED: *Patrick Livingston* DATE: 10/15/2018

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 PATRICK A. LIVINGSTON  
 SEAL 045257

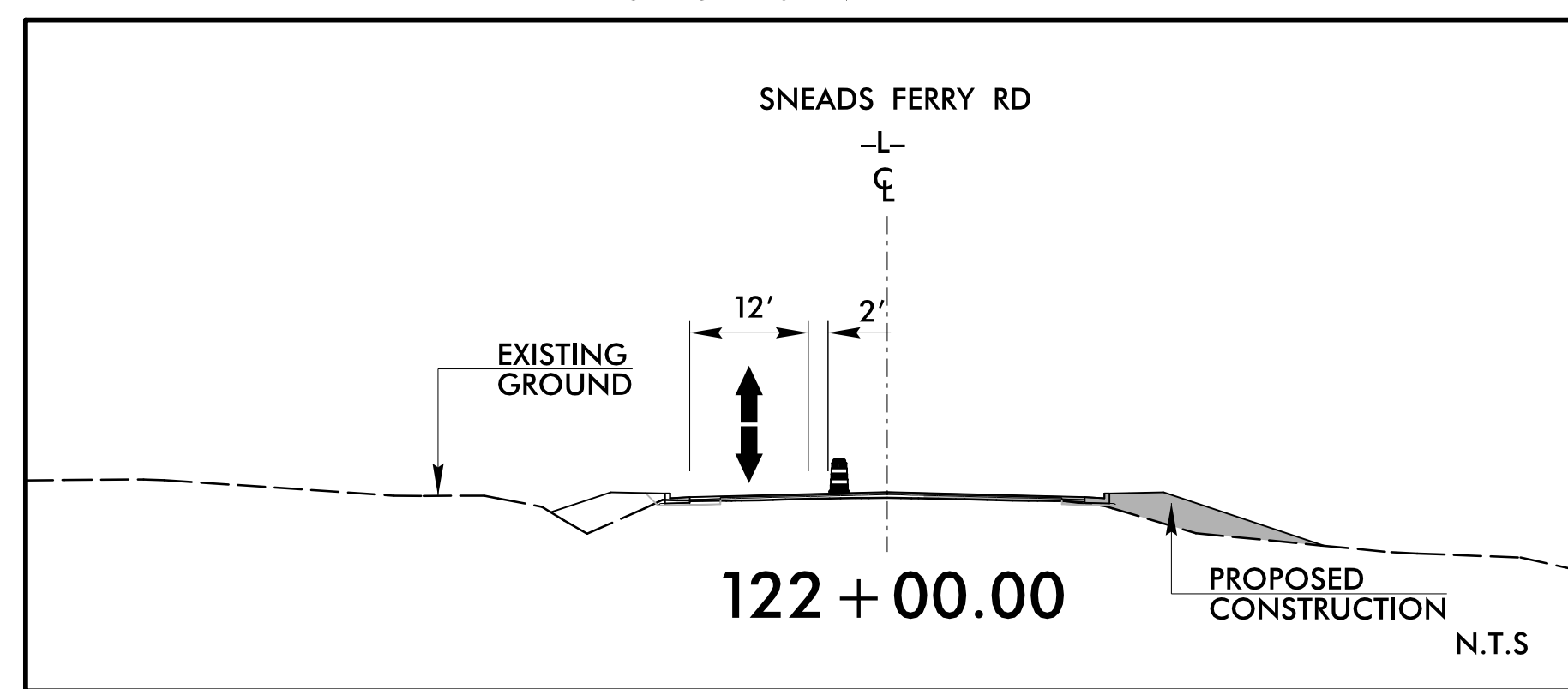


**PHASE IV DETAIL**

9/24/2018  
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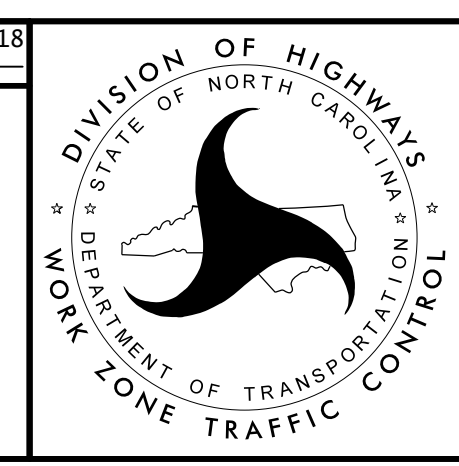
**SECTION F-F**



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

APPROVED: *Patrick Livingston* DATE: 10/15/2018

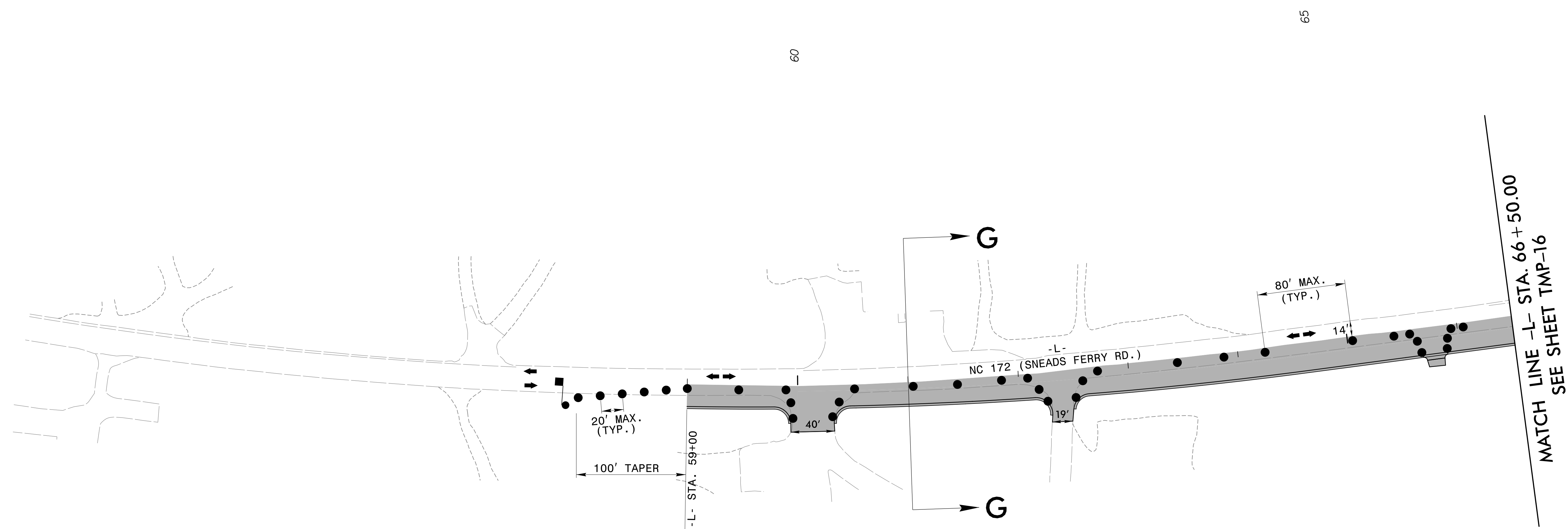
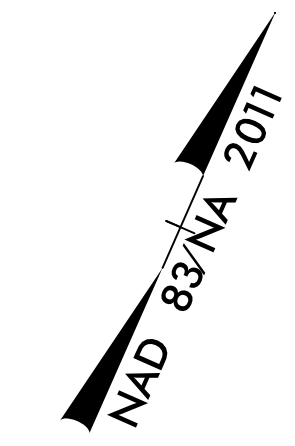
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 SEAL 045257  
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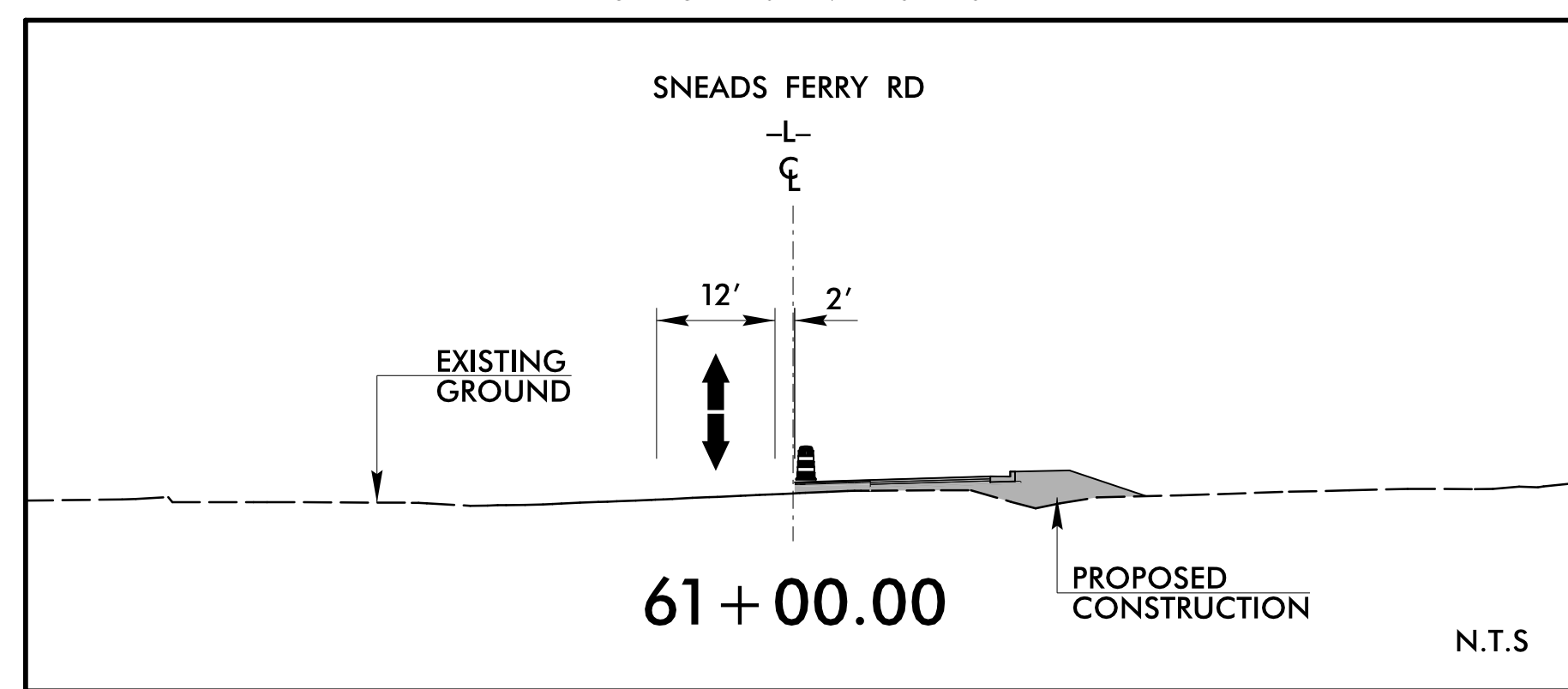
**PHASE IV DETAIL**

9/24/2018  
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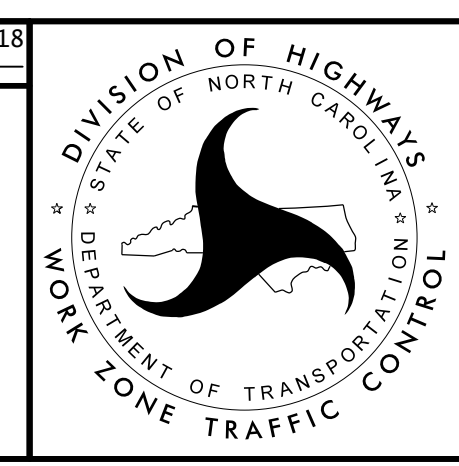
**SECTION G-G**



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

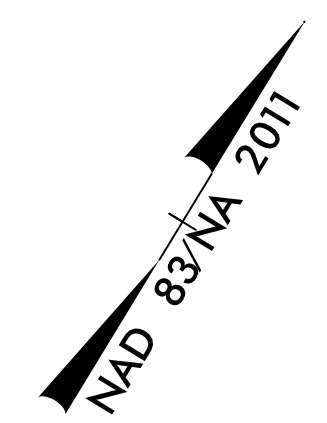
APPROVED: *Petrick Livingston* DATE: 10/15/2018

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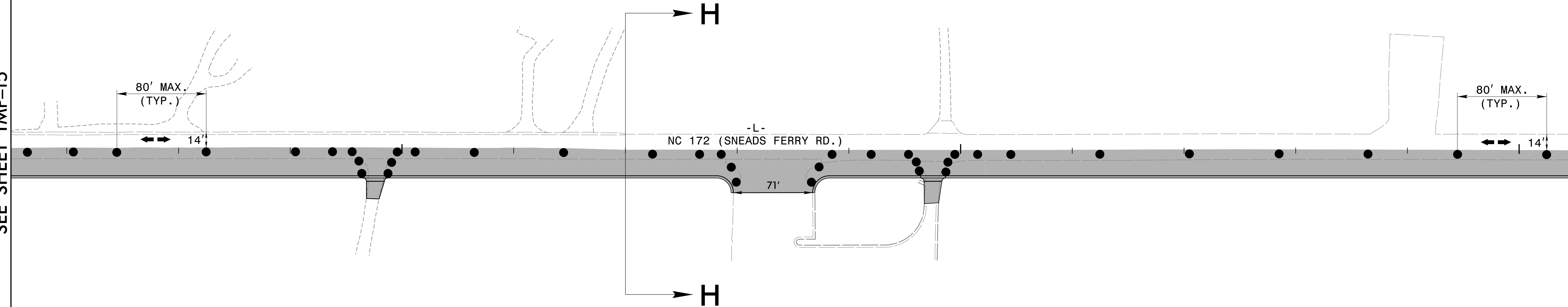
**PHASE V DETAIL**

9/24/2018  
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 PASCHE

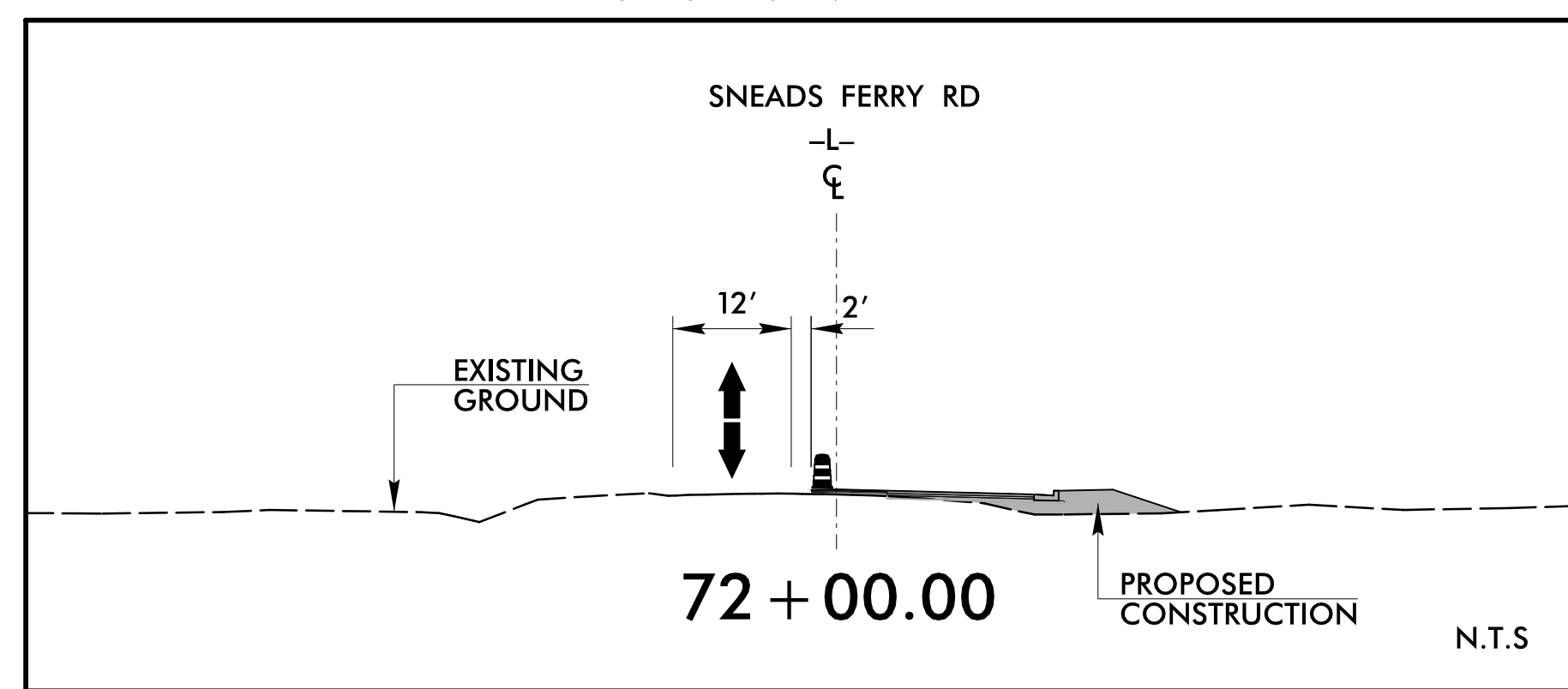


MATCH LINE -L- STA. 66 + 50.00  
 SEE SHEET TMP-15

MATCH LINE -L- STA. 80 + 50.00  
 SEE SHEET TMP-17



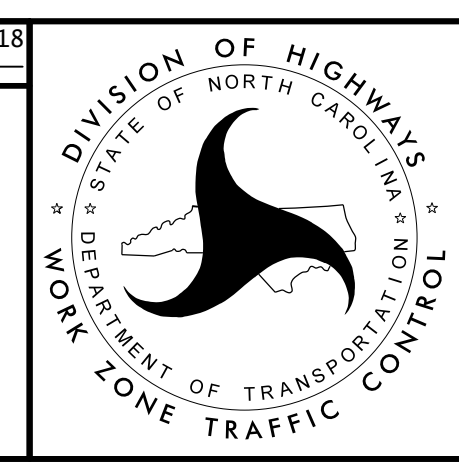
**SECTION H-H**



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

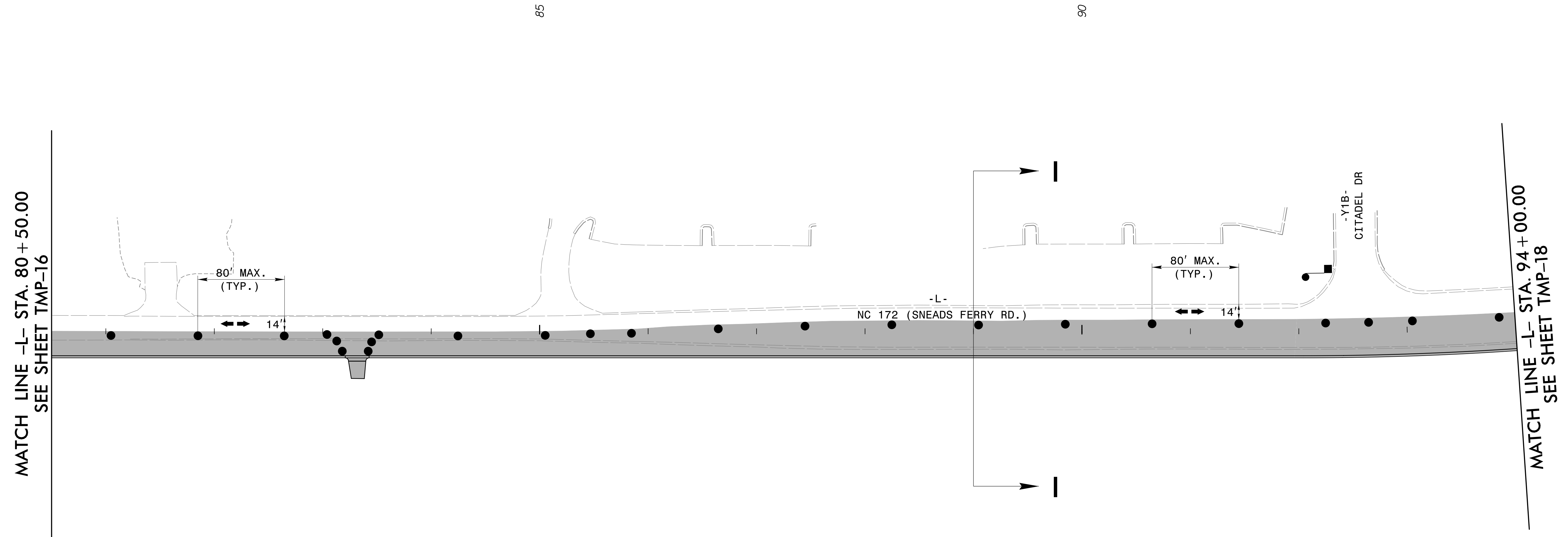
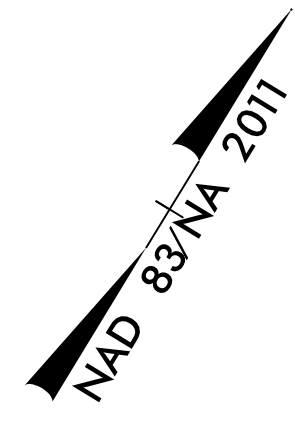
APPROVED: *Patrick Livingston* DATE: 10/15/2018

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 PATRICK A. LIVINGSTON  
 SEAL 045257

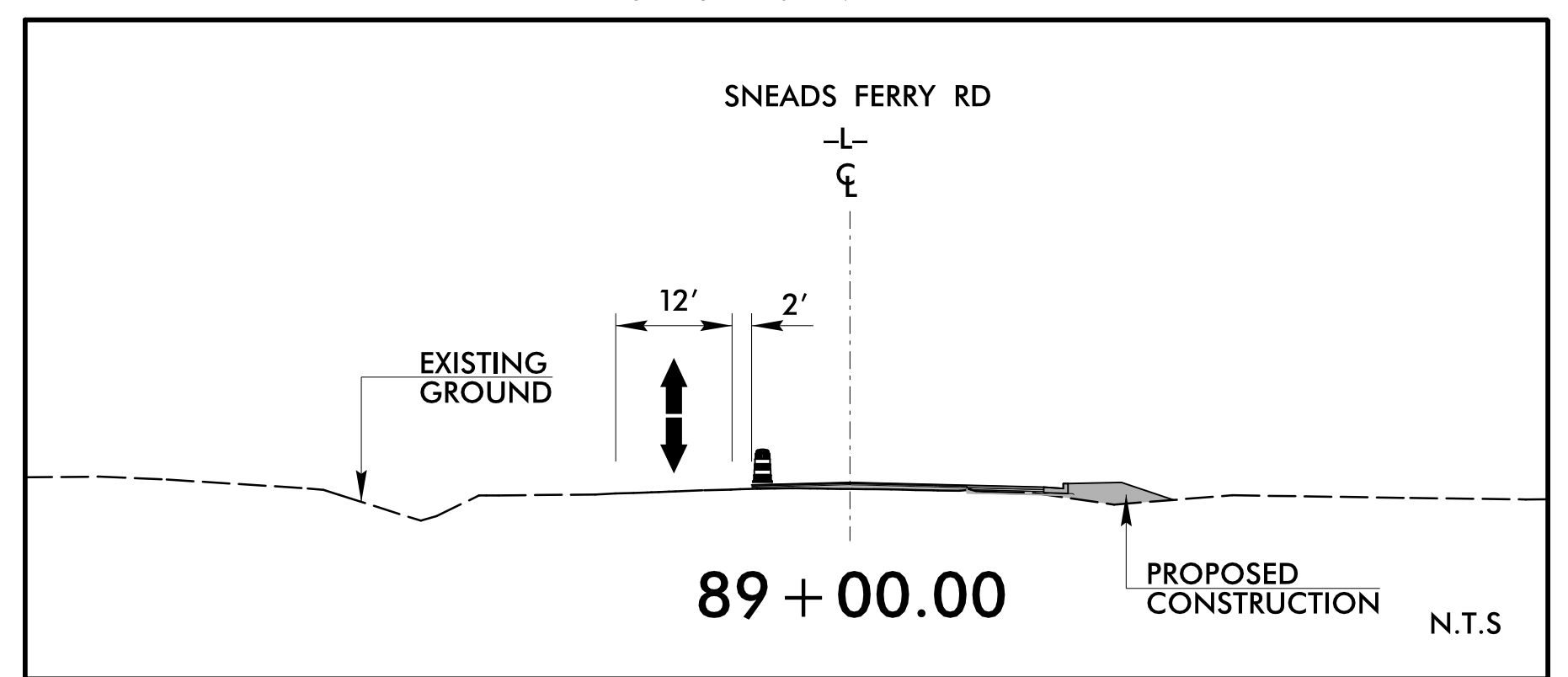


PHASE V DETAIL

9/24/2018  
 P:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-16(phase5).dgn  
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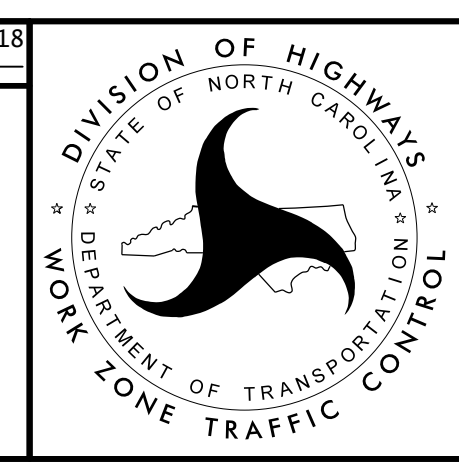
**SECTION I-I**



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

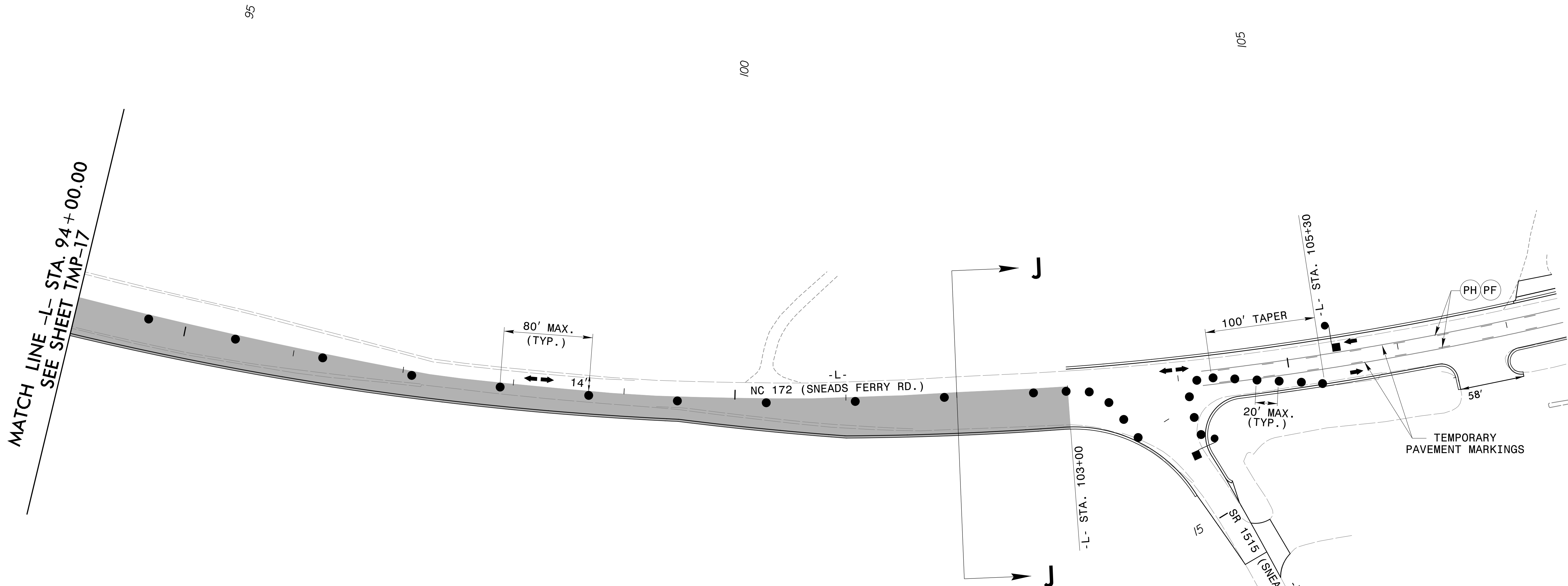
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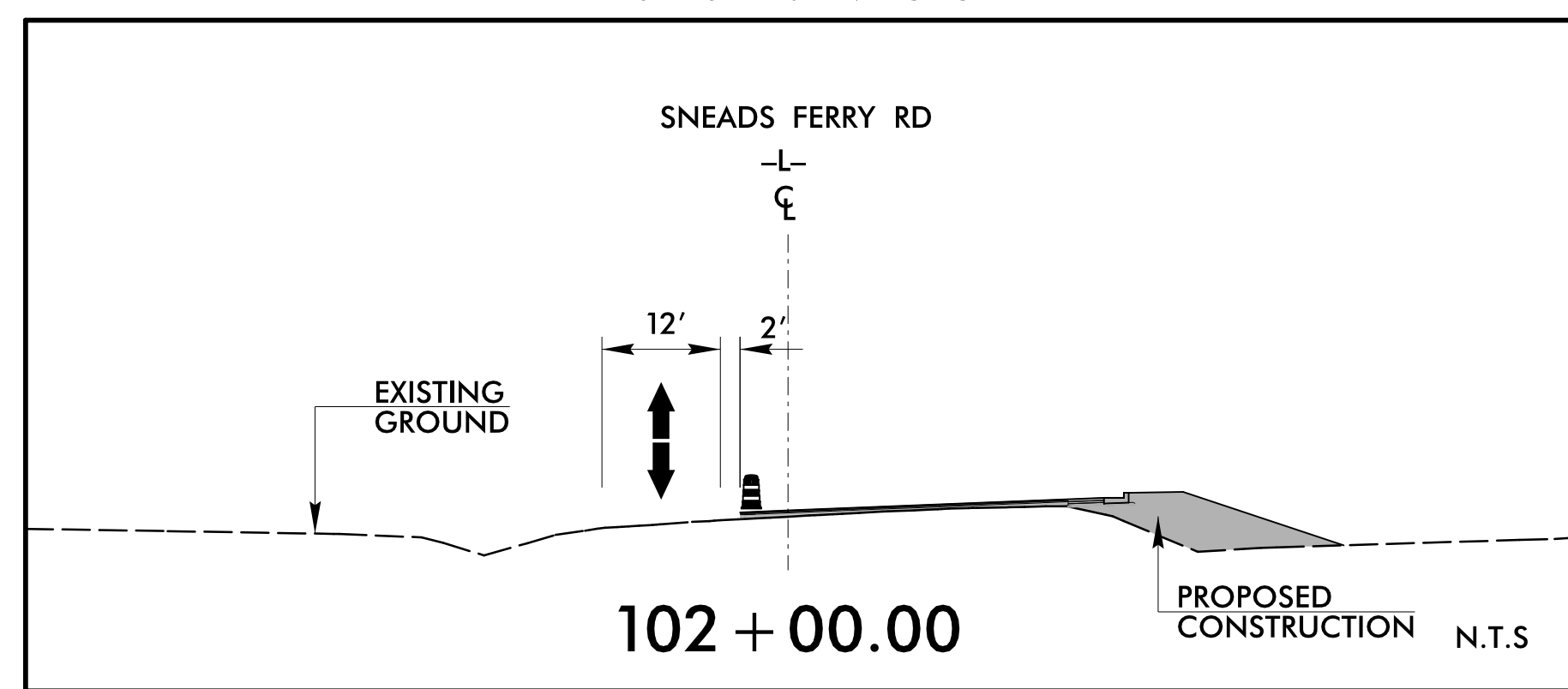


**PHASE V DETAIL**

9/24/2018  
 P:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-17(phase5).dgn  
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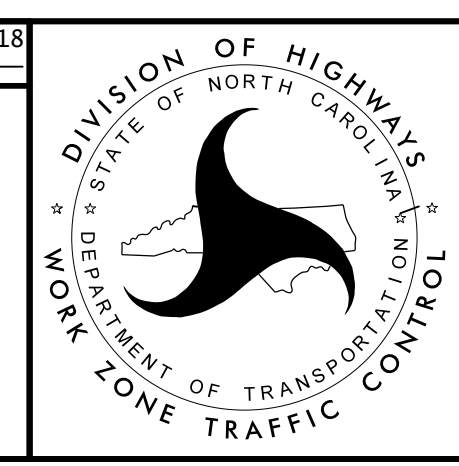
**SECTION J-J**



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

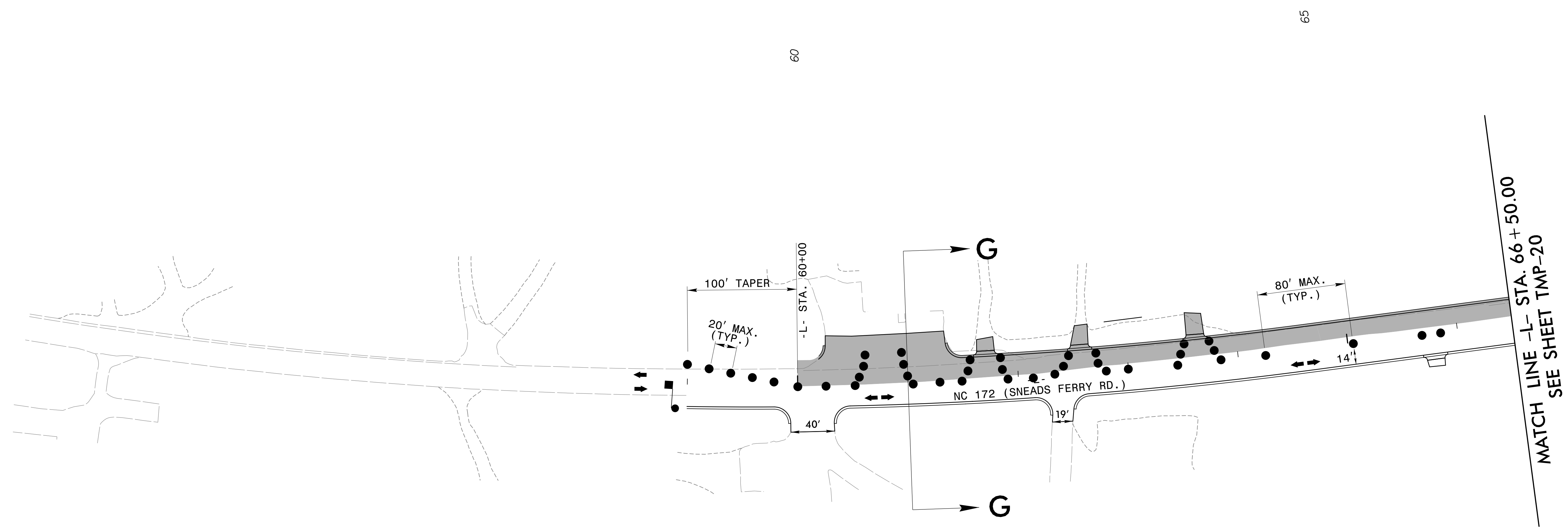
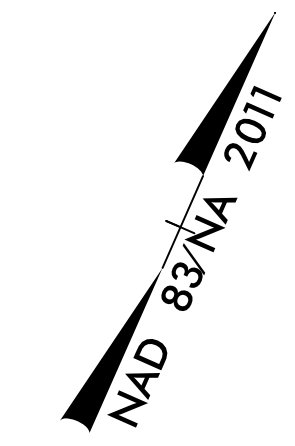
APPROVED: *Patrick Livingston* DATE: 10/15/2018

SEAL

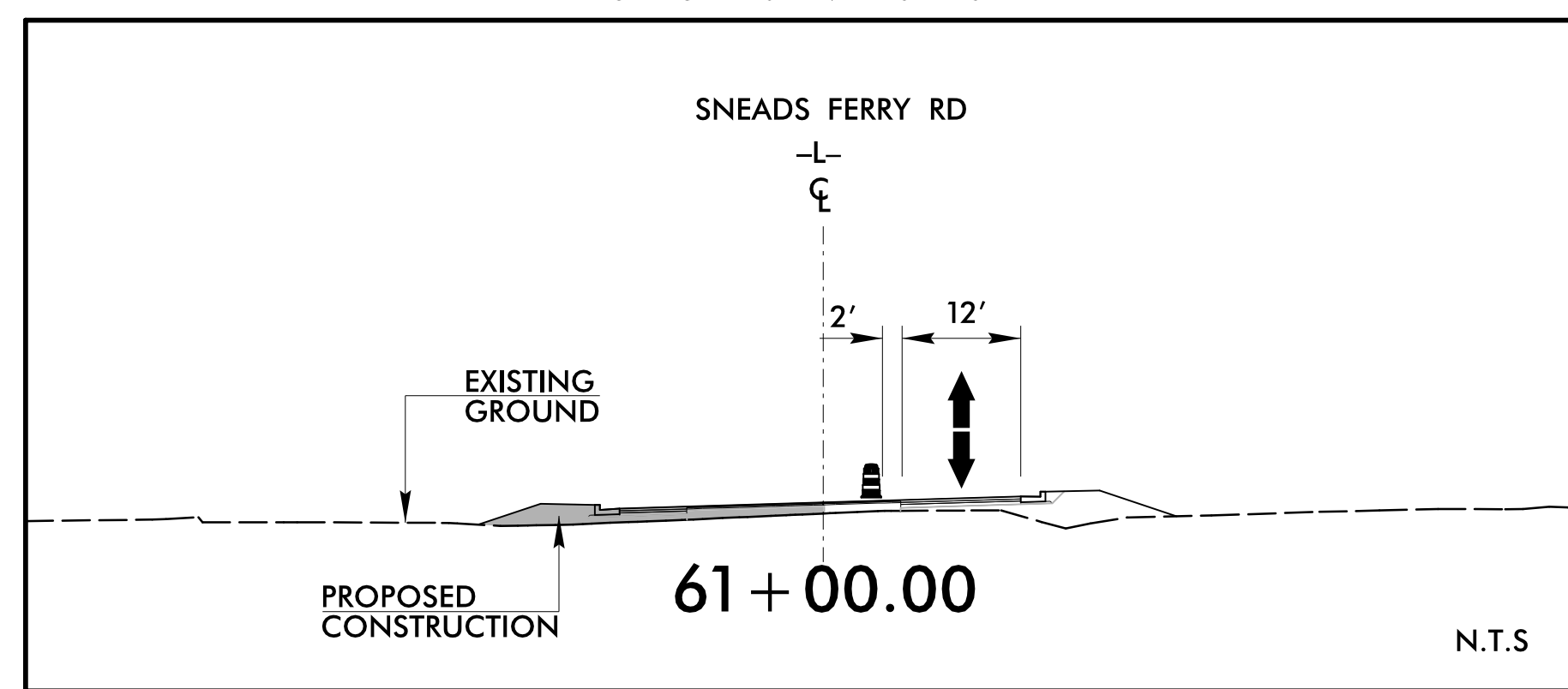


**PHASE V DETAIL**

9/24/2018  
 P:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-18(phase5).dgn  
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 P:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-18(phase5).dgn



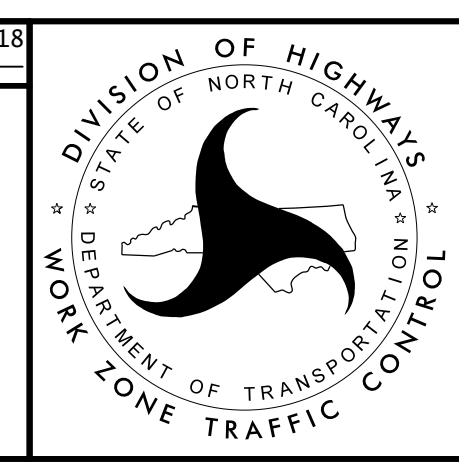
**SECTION G-G**



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

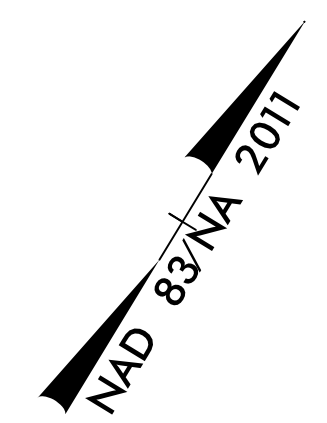
APPROVED: *Patrick Livingston* DATE: 10/15/2018

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 SEAL 045257  
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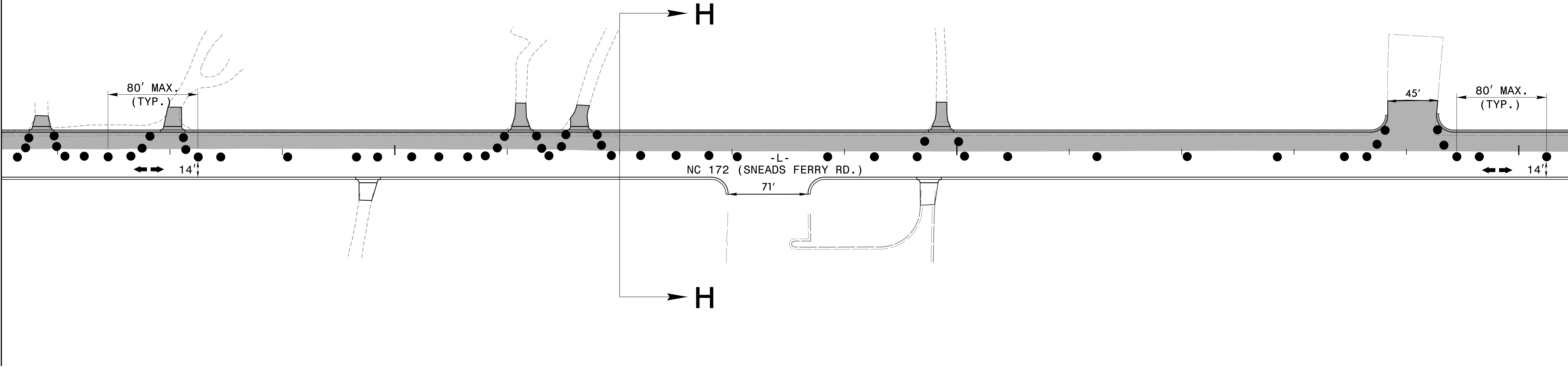


**PHASE VI DETAIL**

9/24/2018  
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 PASCALDEN

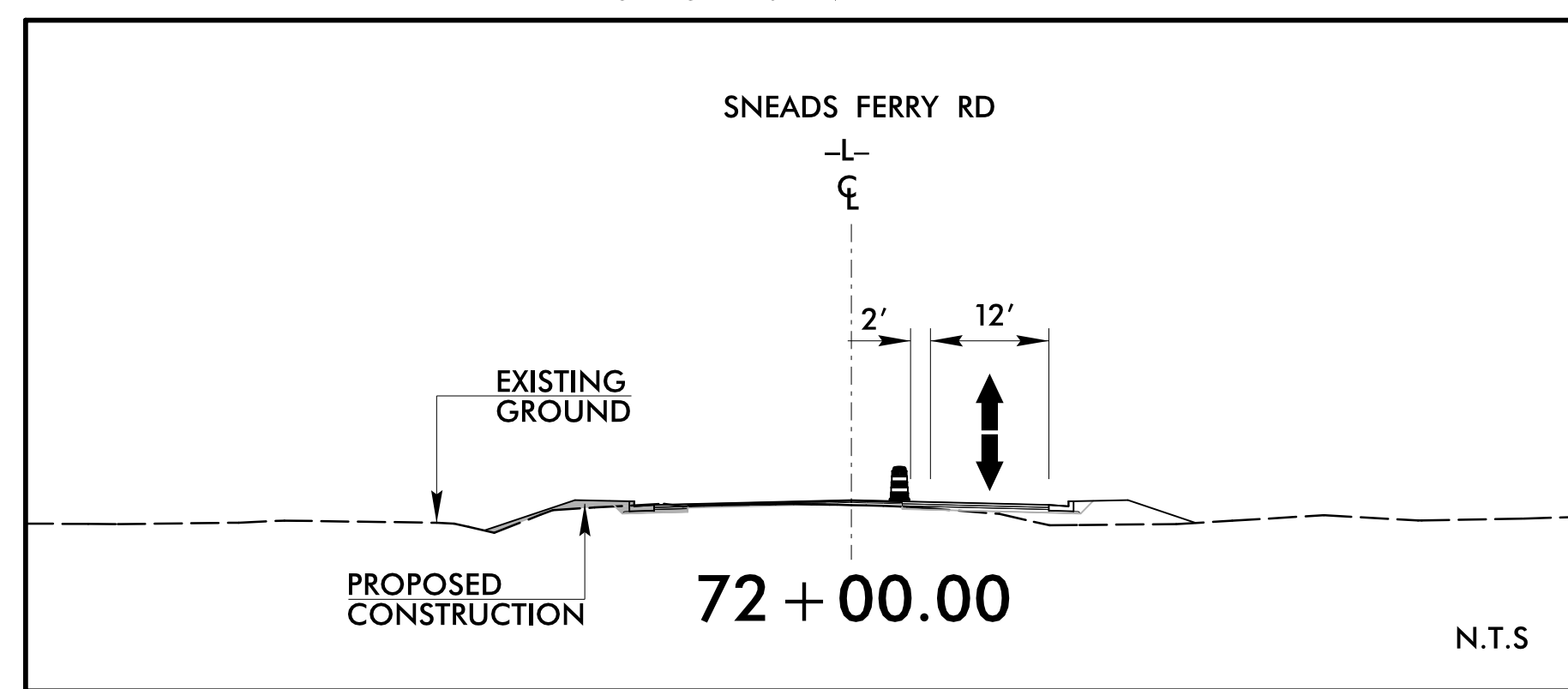


MATCH LINE -L- STA. 66 + 50.00  
SEE SHEET TMP-19



MATCH LINE -L- STA. 80 + 50.00  
SEE SHEET TMP-21

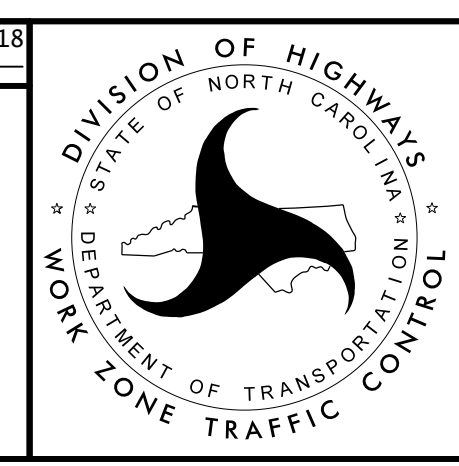
**SECTION H-H**



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

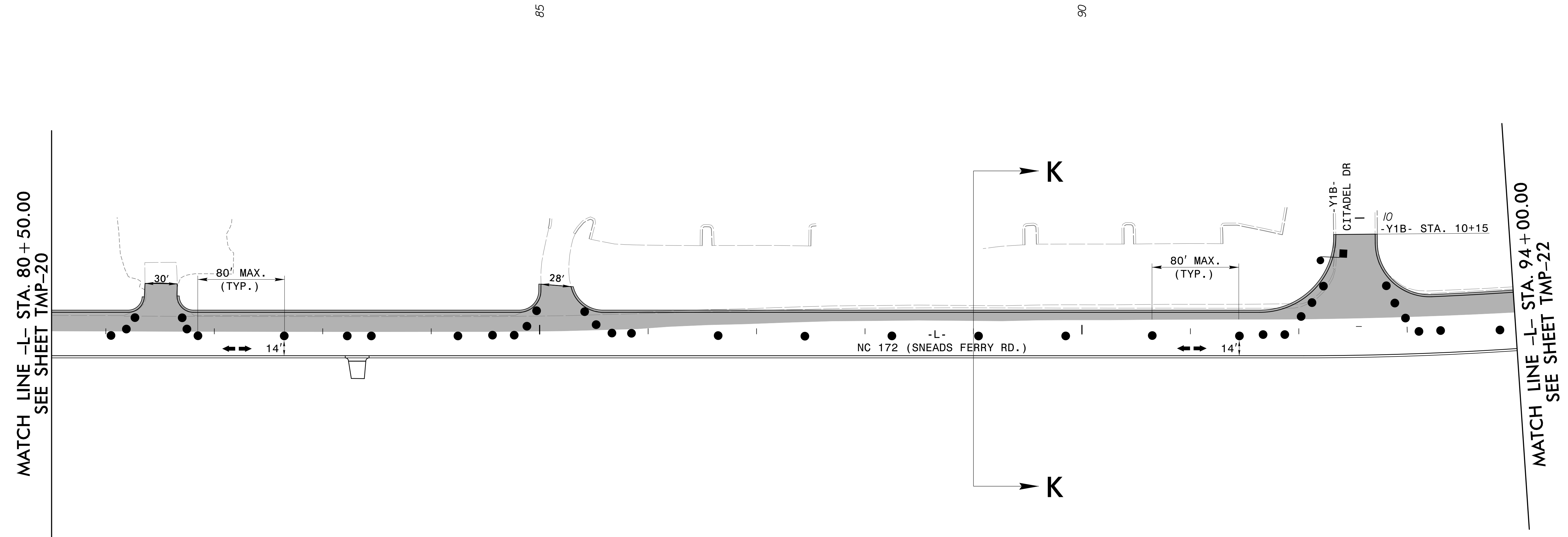
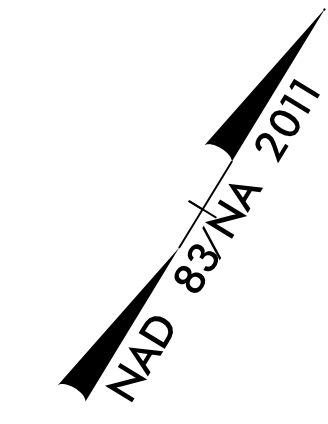
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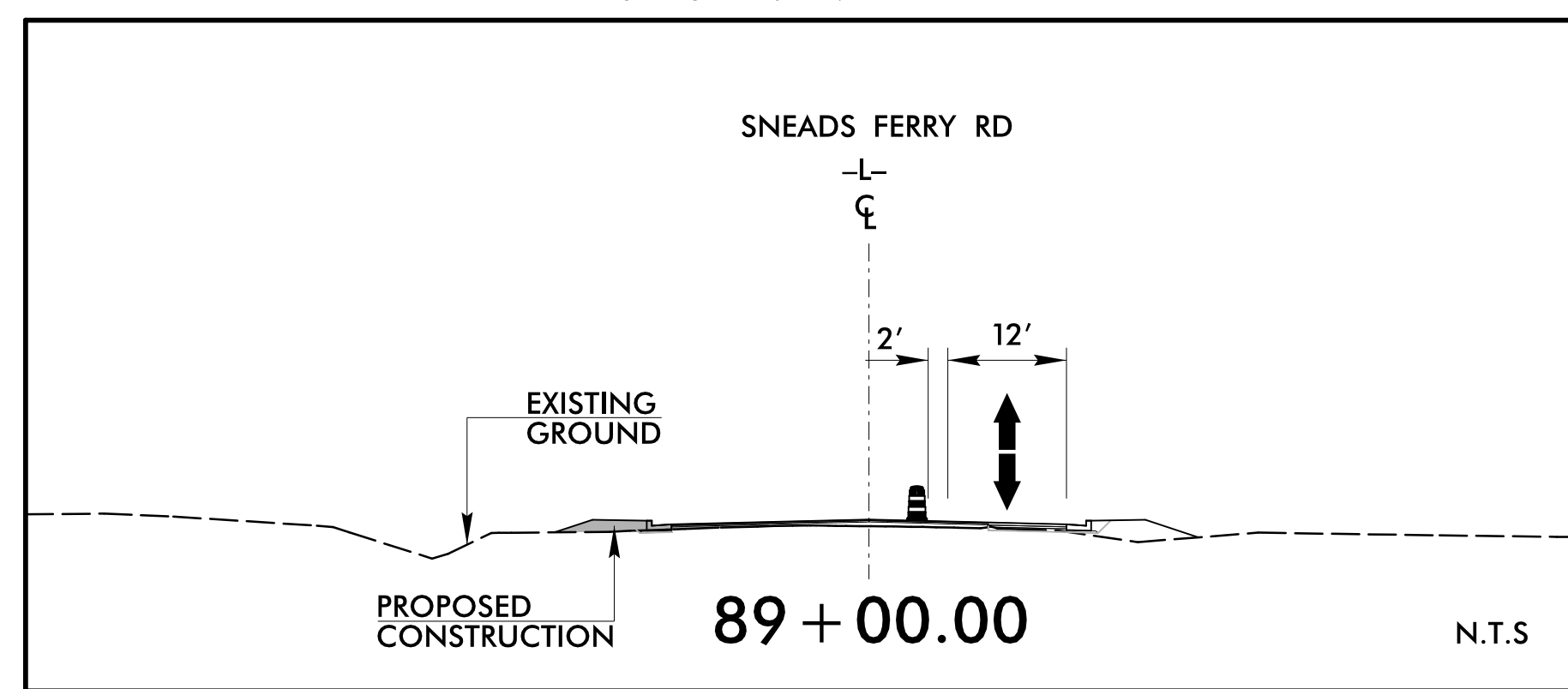


**PHASE VI DETAIL**

9/24/2018  
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 PASCALDEN



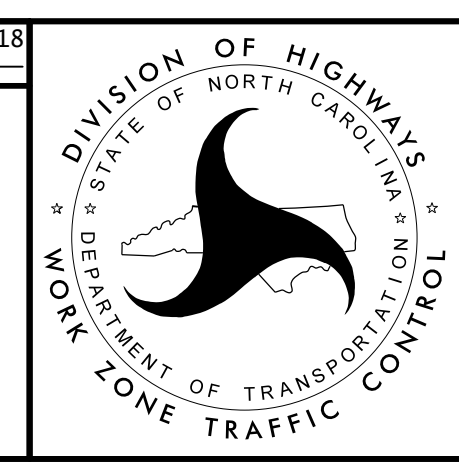
**SECTION K-K**



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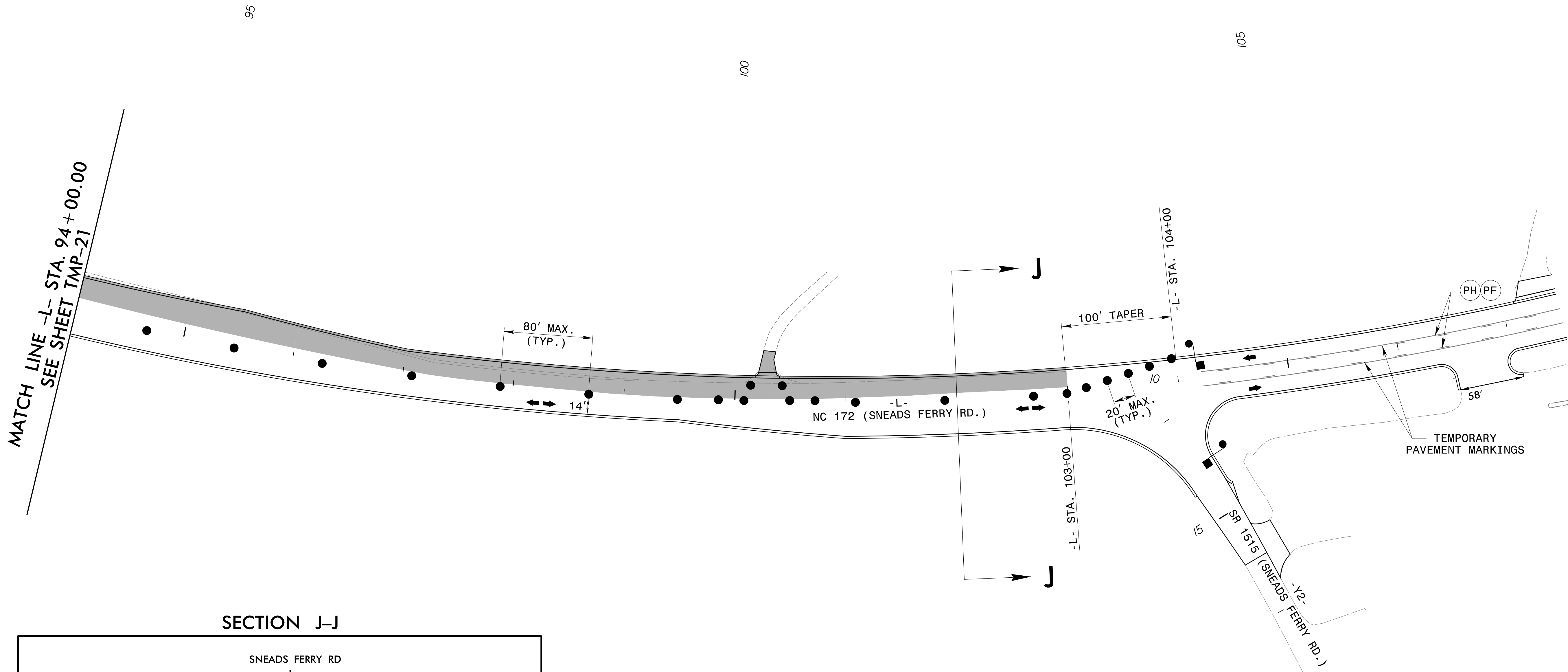
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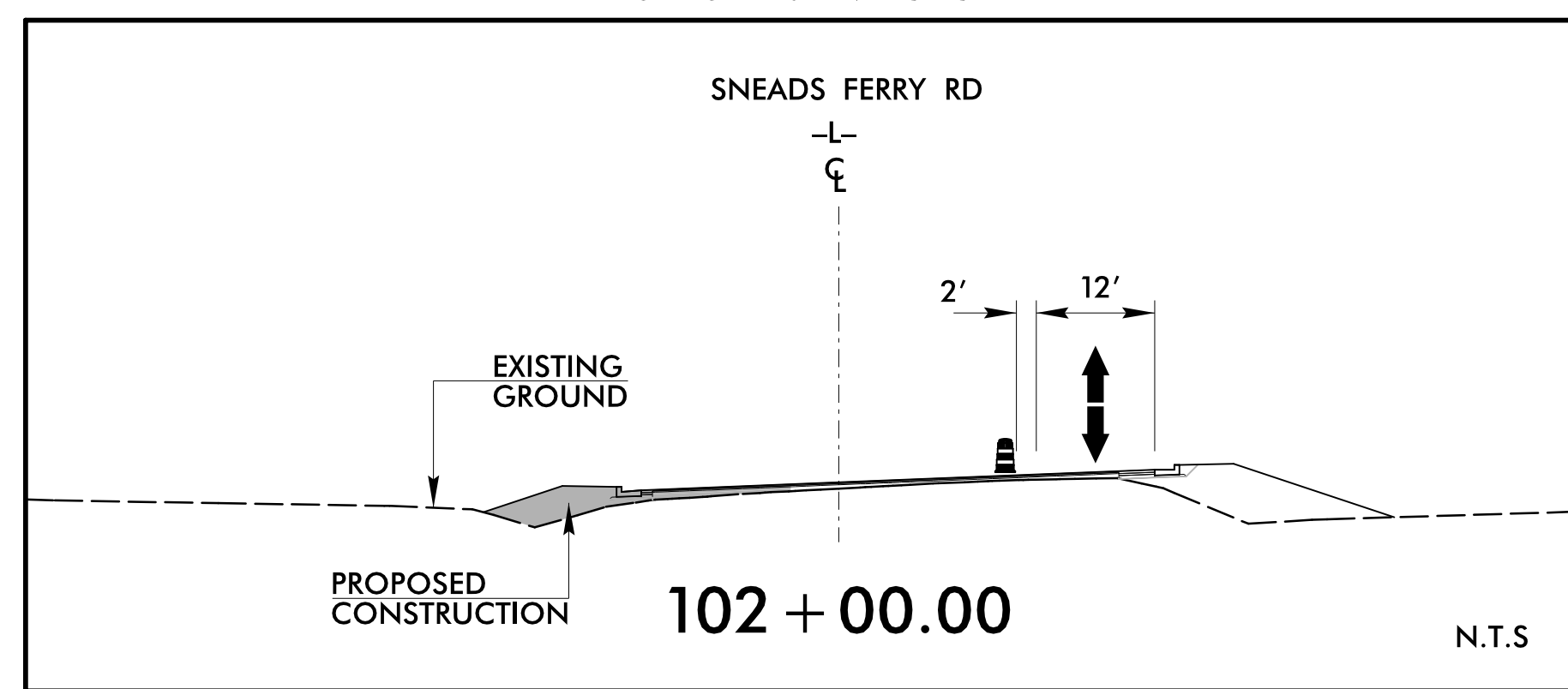


**PHASE VI DETAIL**

9/24/2018  
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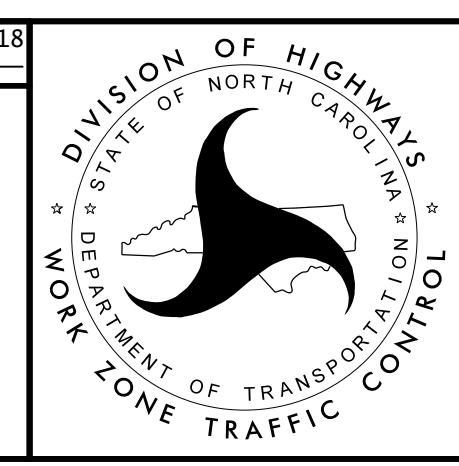
**SECTION J-J**



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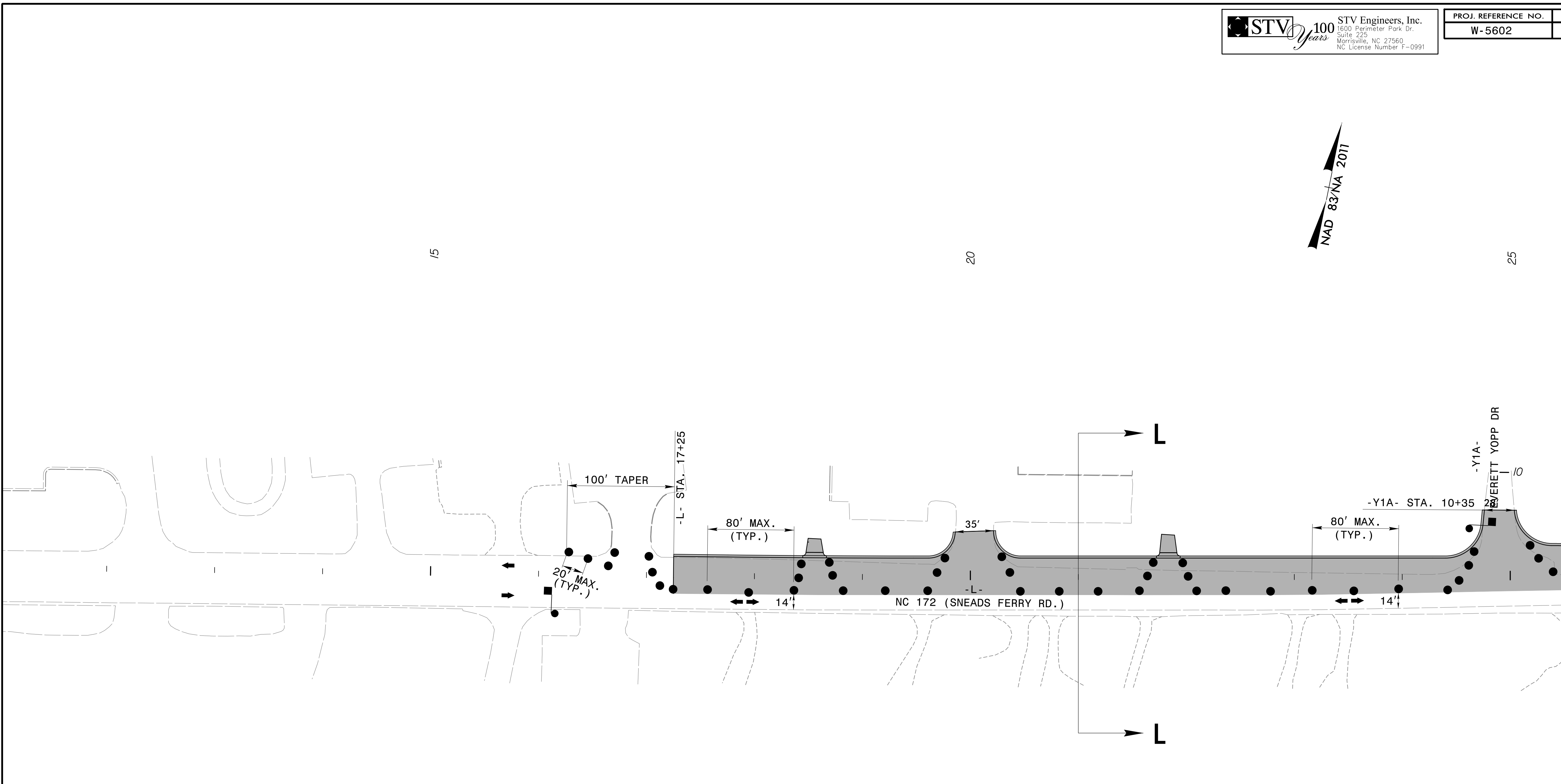
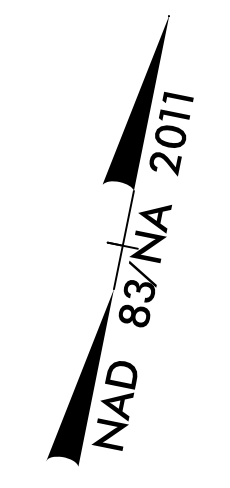
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**PHASE VI DETAIL**

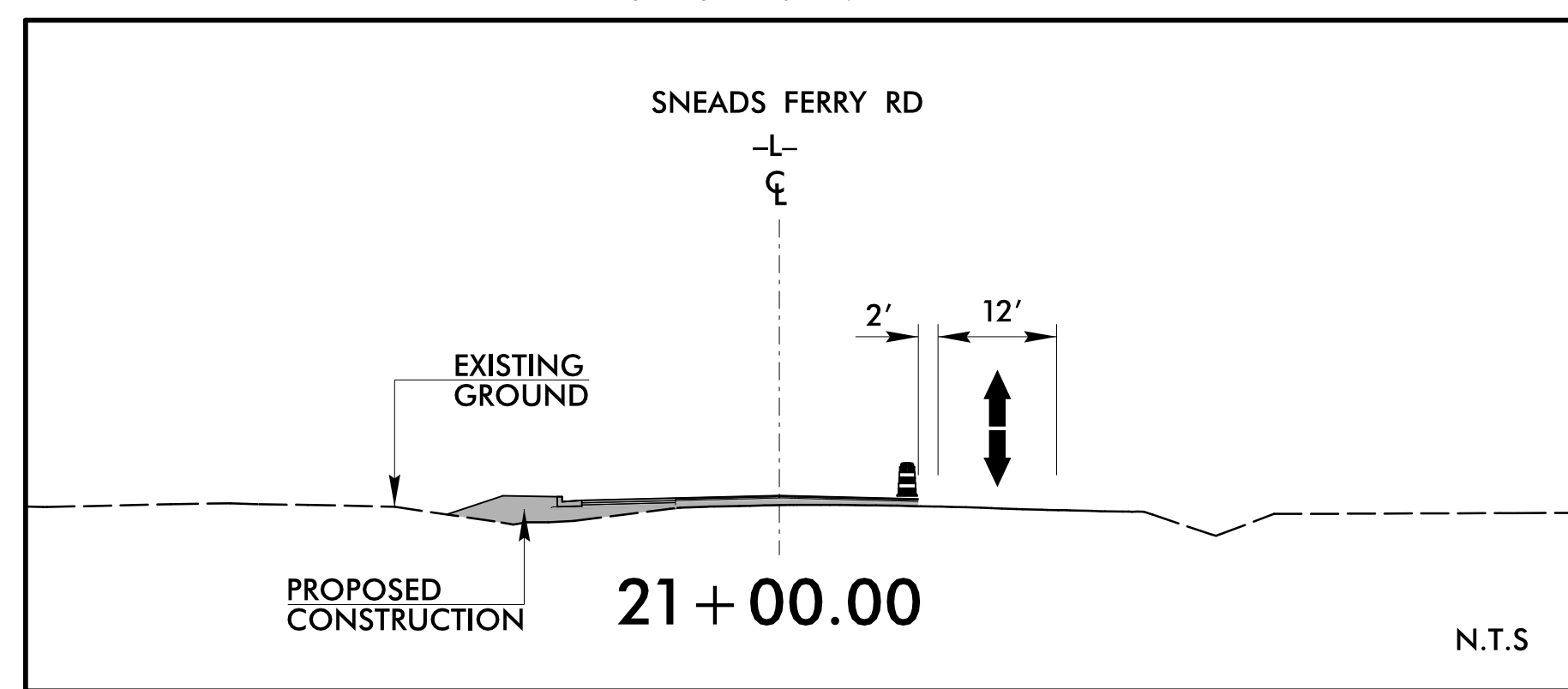
9/24/2018  
 C:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-22\phase6.dgn  
 PASCHE





MATCH LINE -L- STA. 25 + 50.00  
 SEE SHEET TMP-24

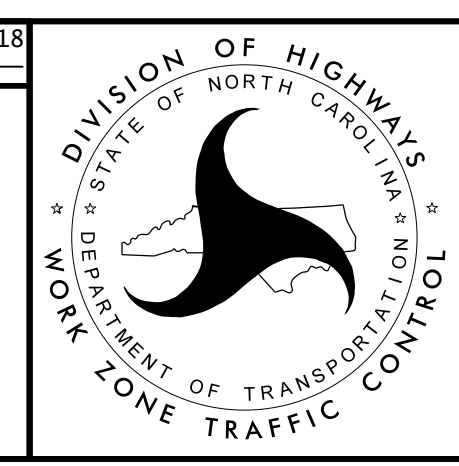
**SECTION L-L**



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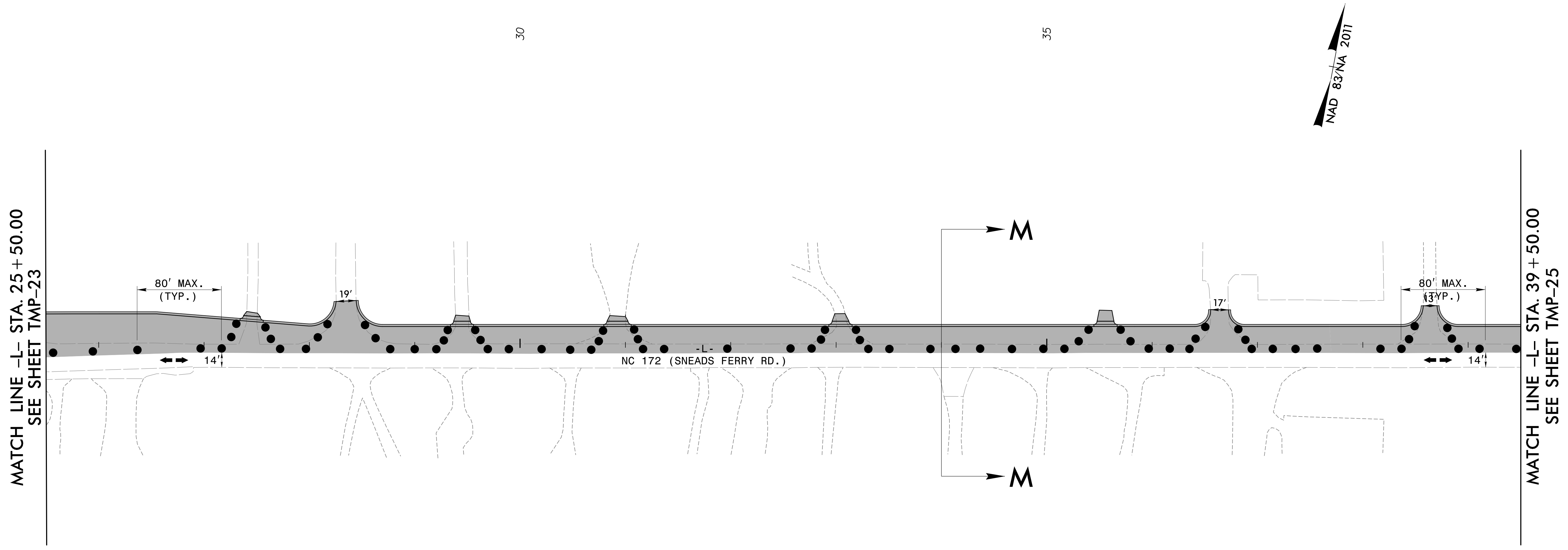
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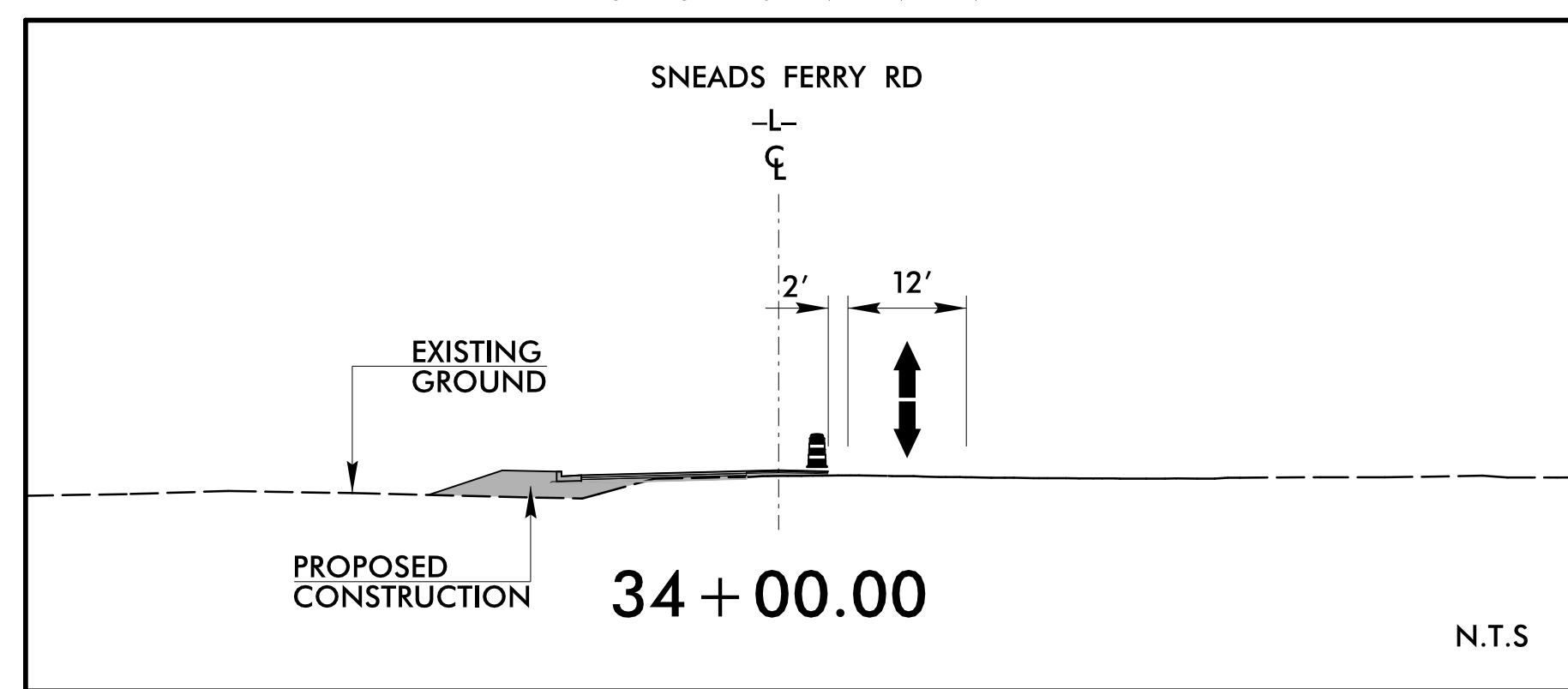


PHASE VII DETAIL

9/24/2018  
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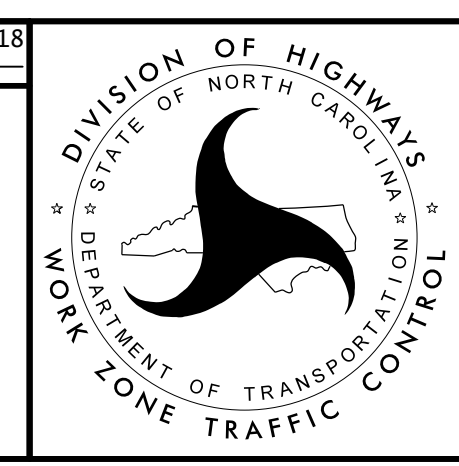
**SECTION M-M**



**DOCUMENT NOT CONSIDERED FINAL  
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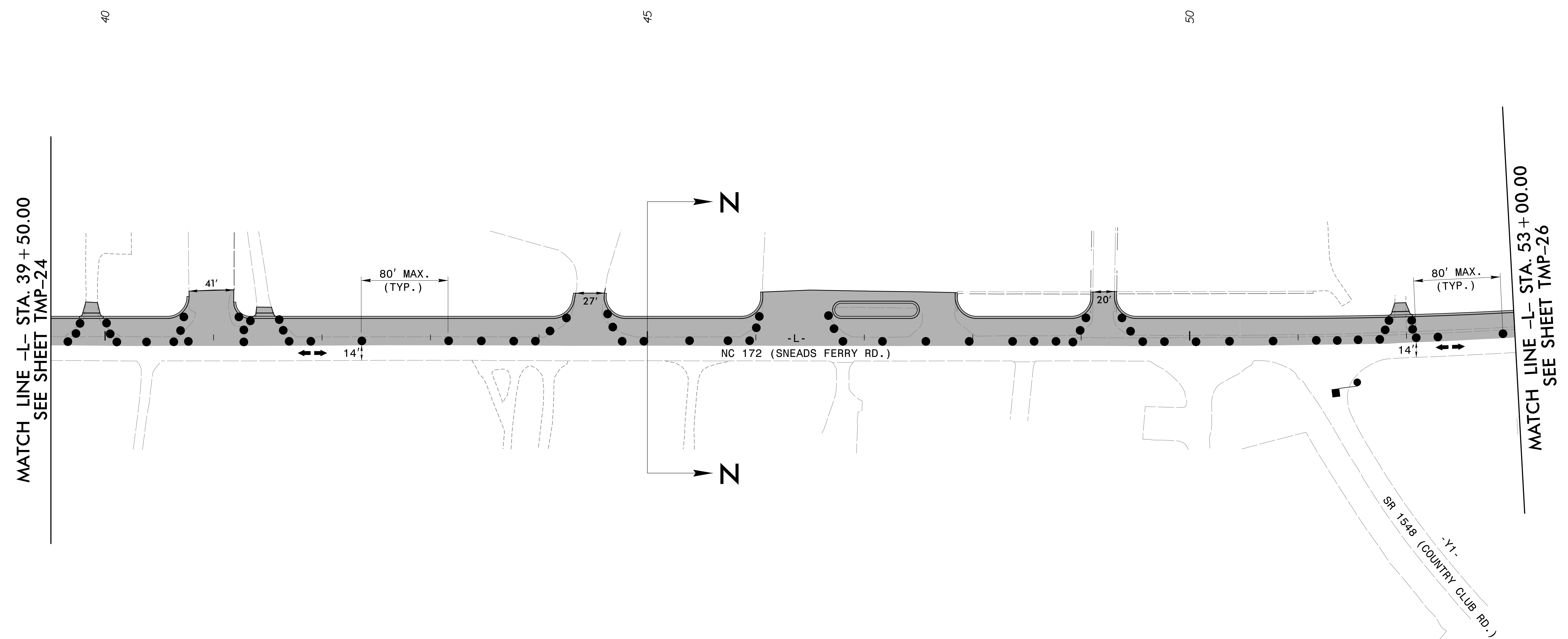
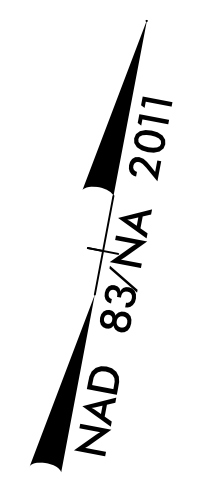
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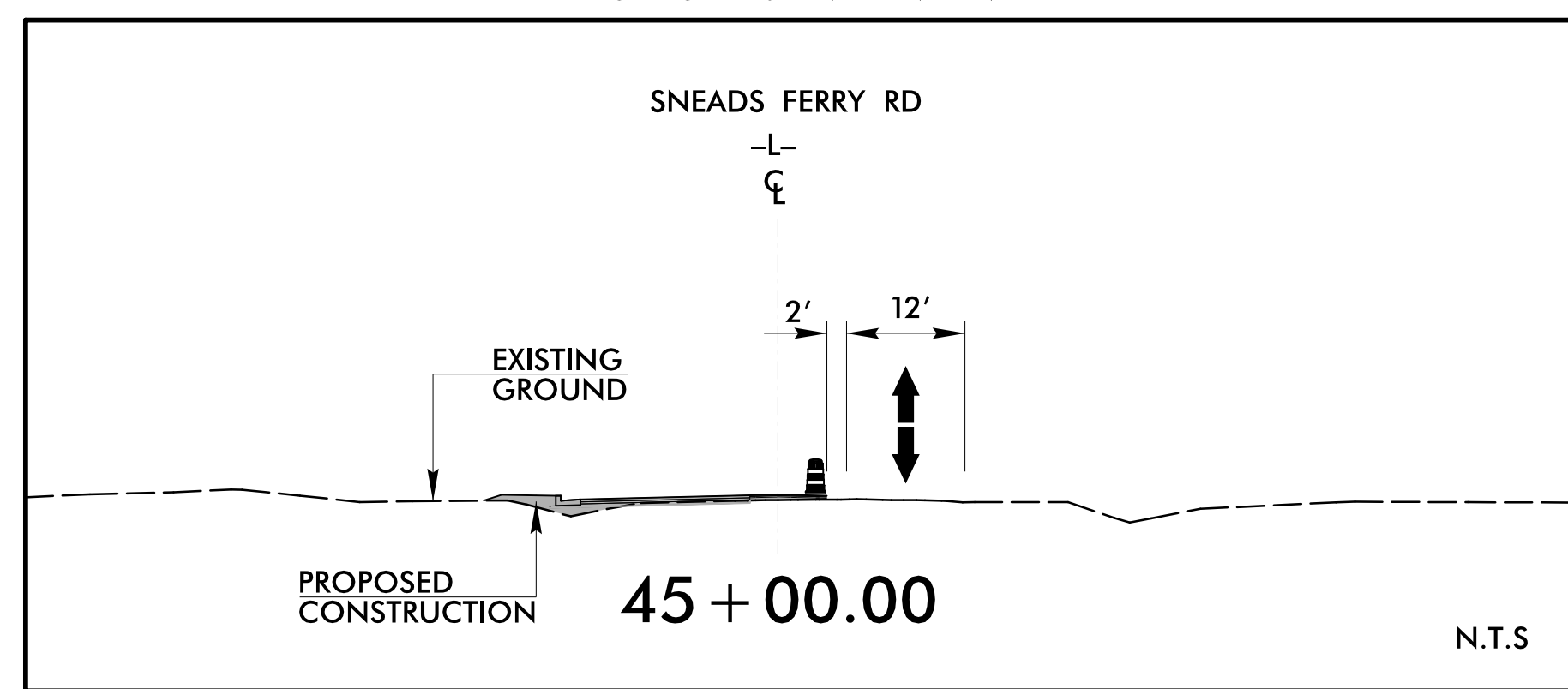


**PHASE VII DETAIL**

9/24/2018  
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 PASCADEN



**SECTION N-N**

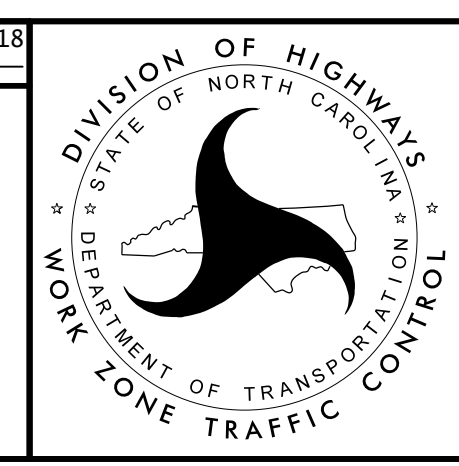


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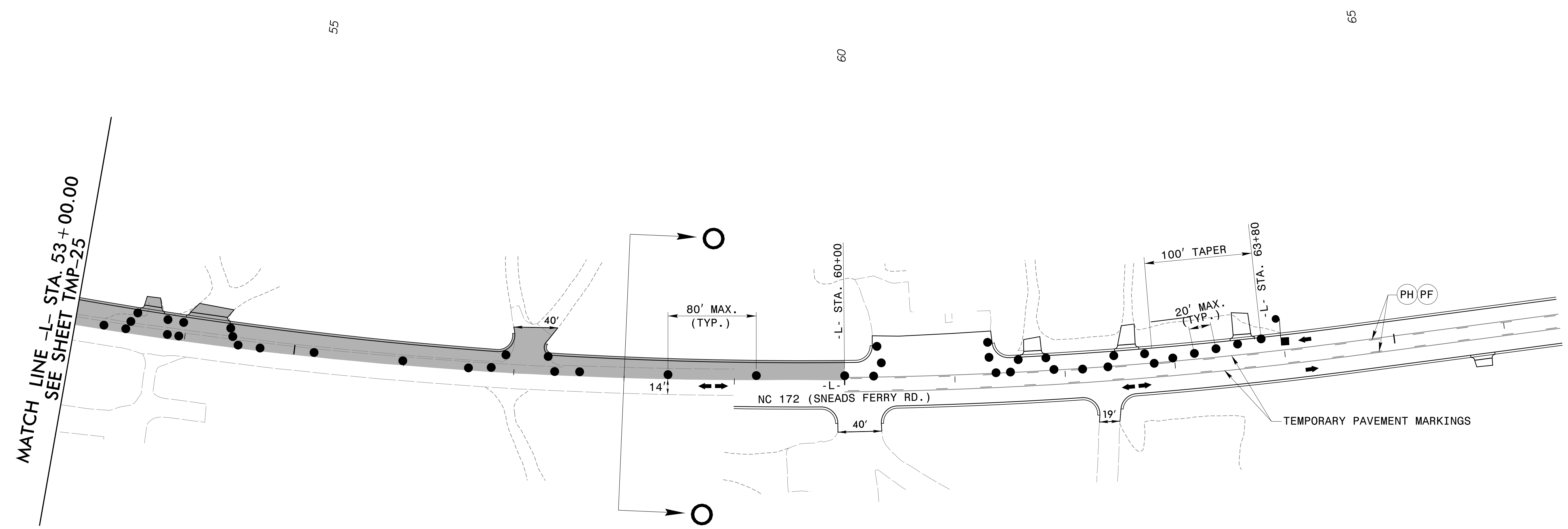
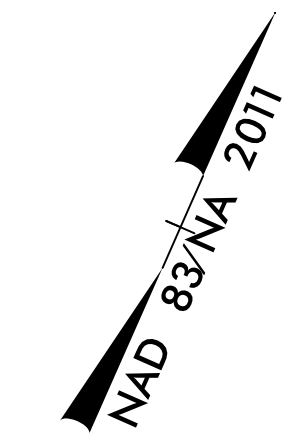
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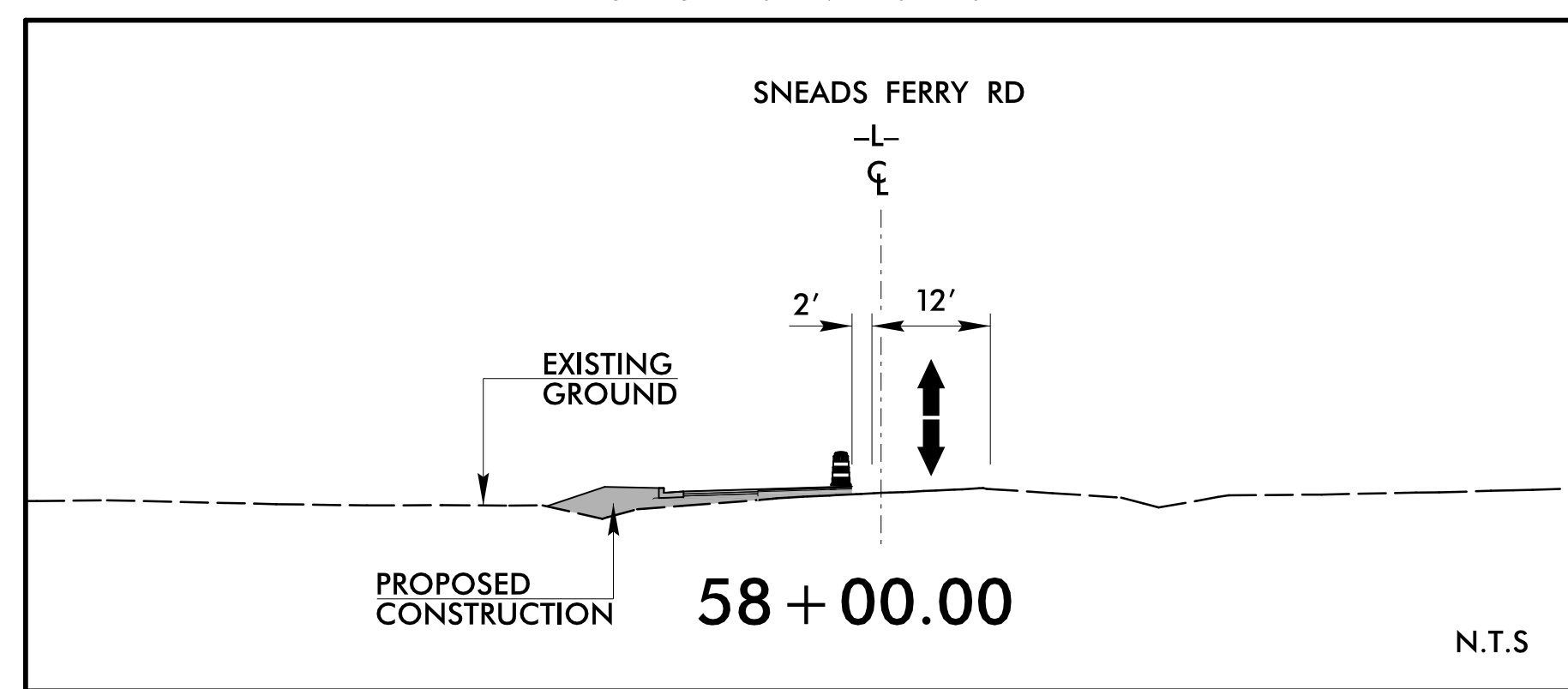


**PHASE VII DETAIL**

9/24/2018  
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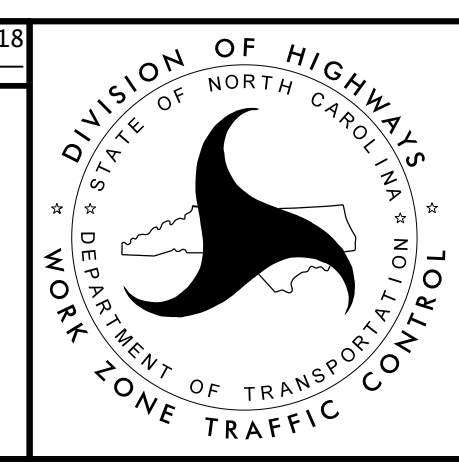
**SECTION O-O**



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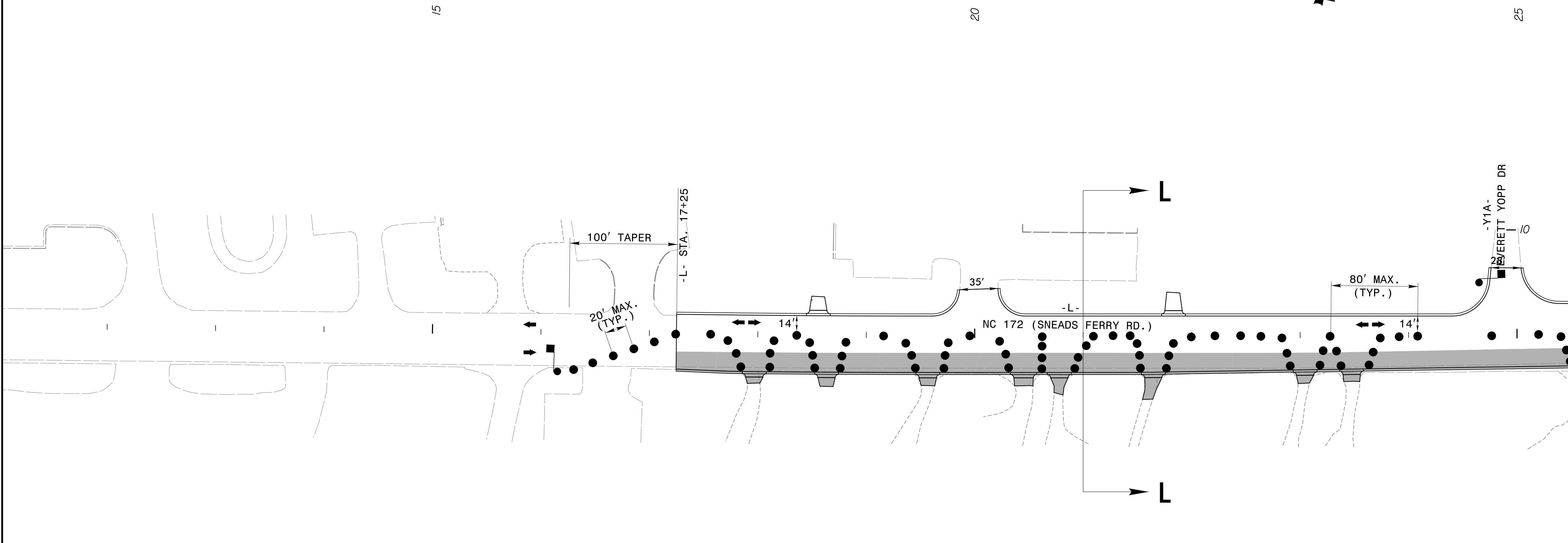
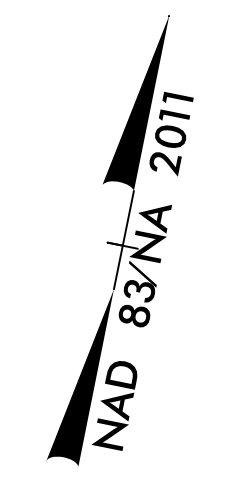
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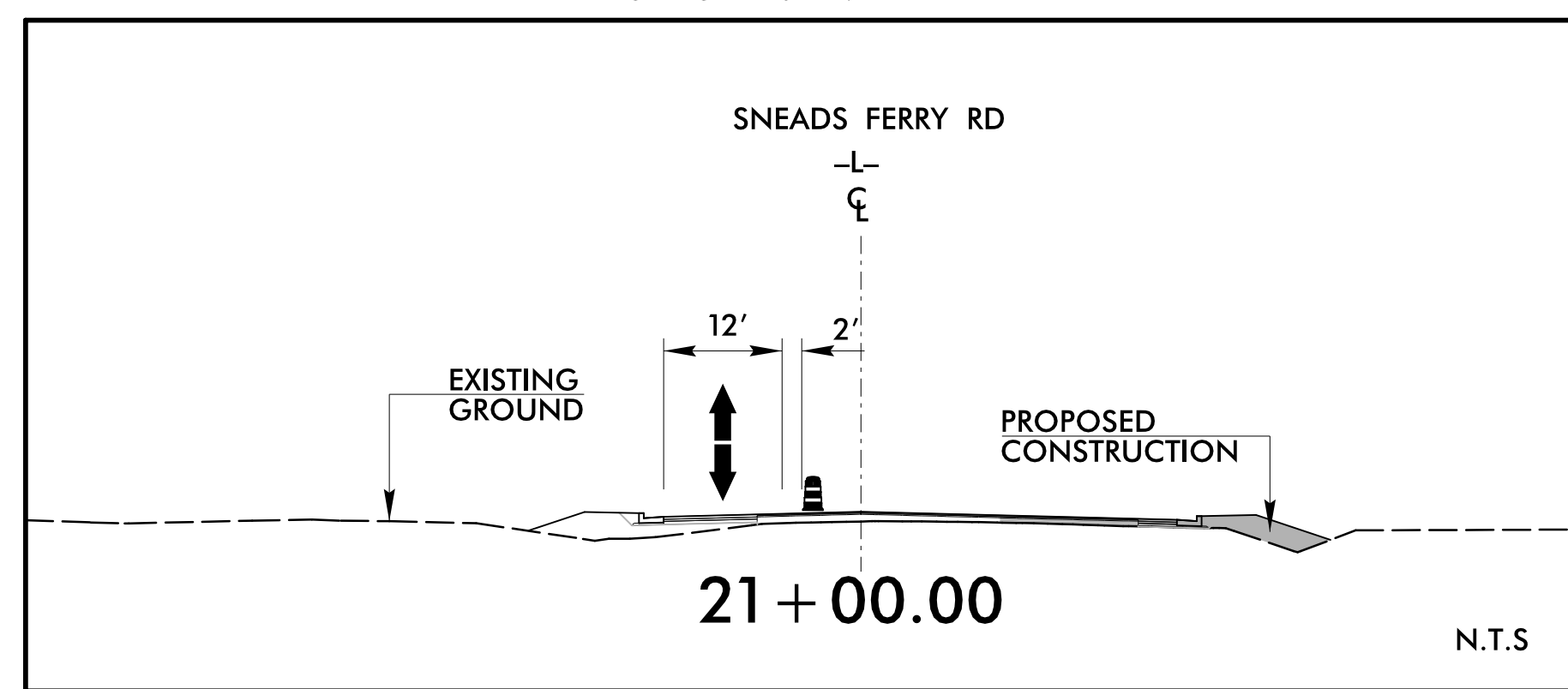


**PHASE VII DETAIL**

9/24/2018  
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 PASCALDEN



**SECTION L-L**

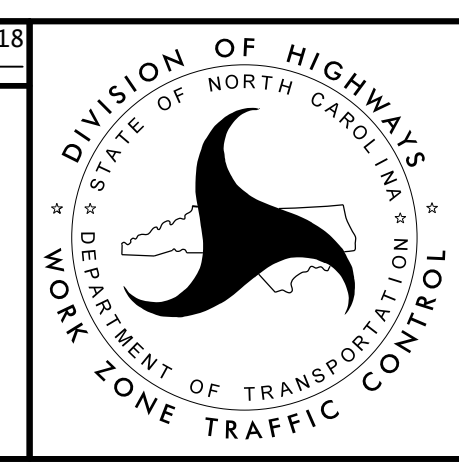


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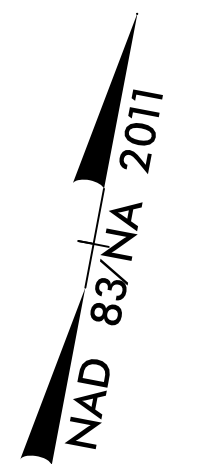
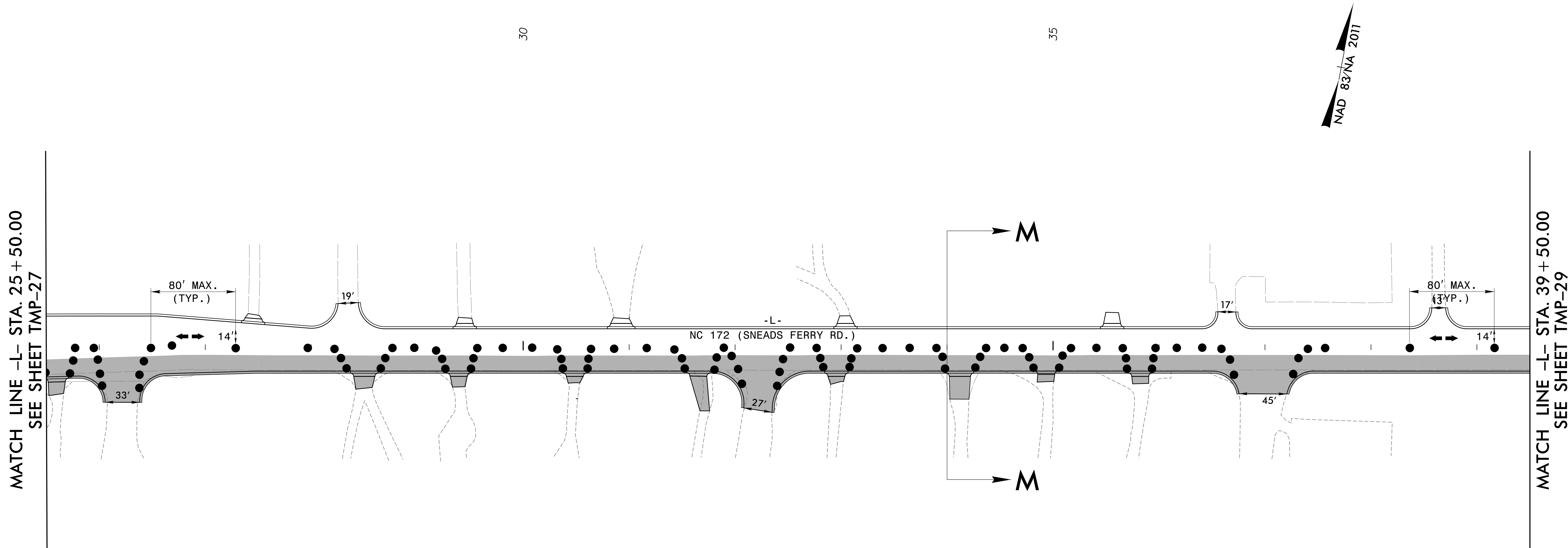
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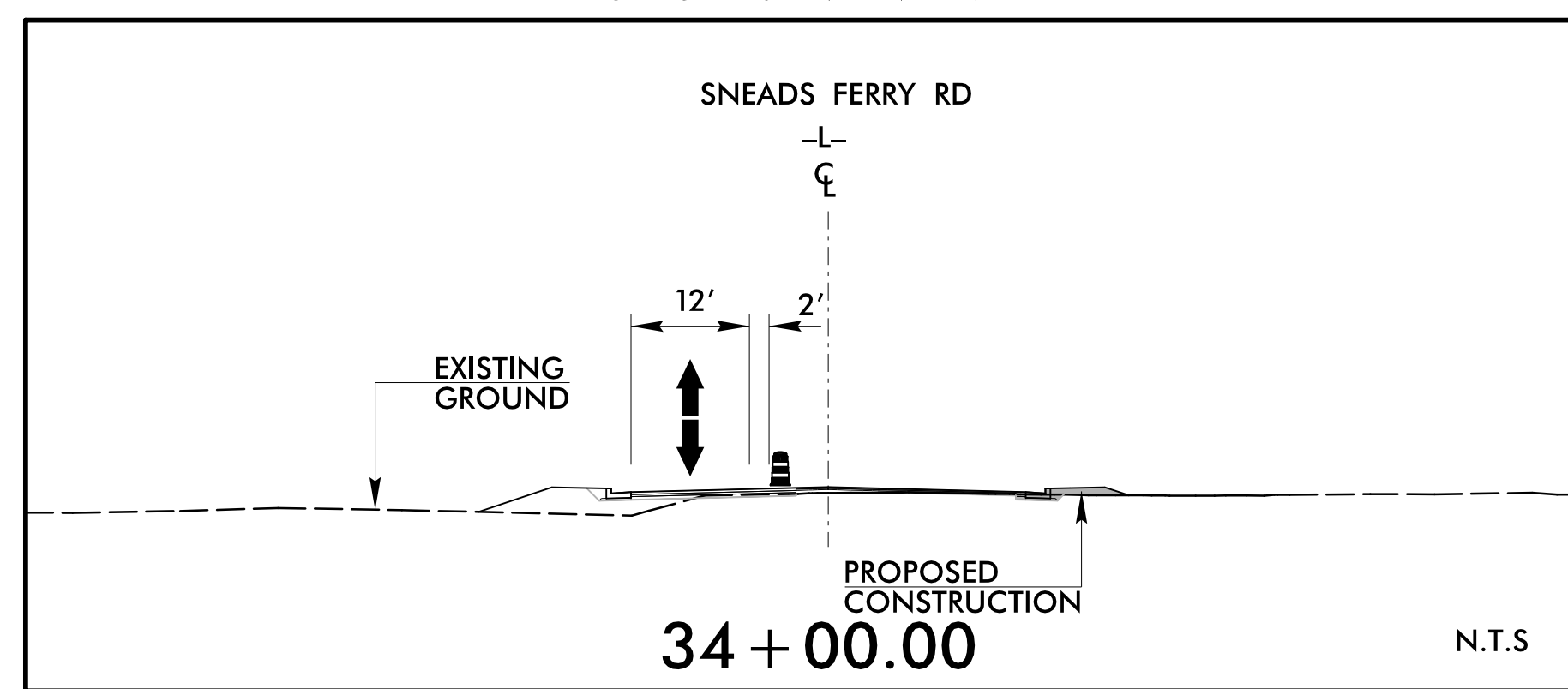


**PHASE VIII DETAIL**

9/24/2018  
 R:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-27\phase8.dgn  
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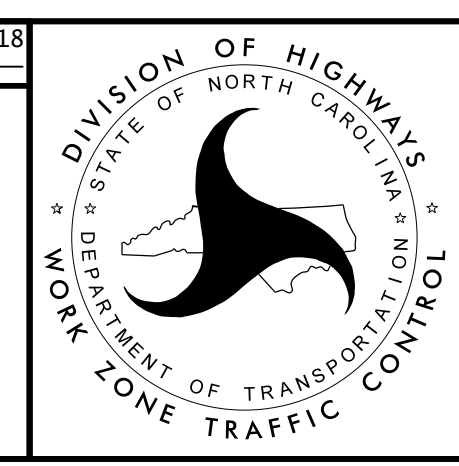
**SECTION M-M**



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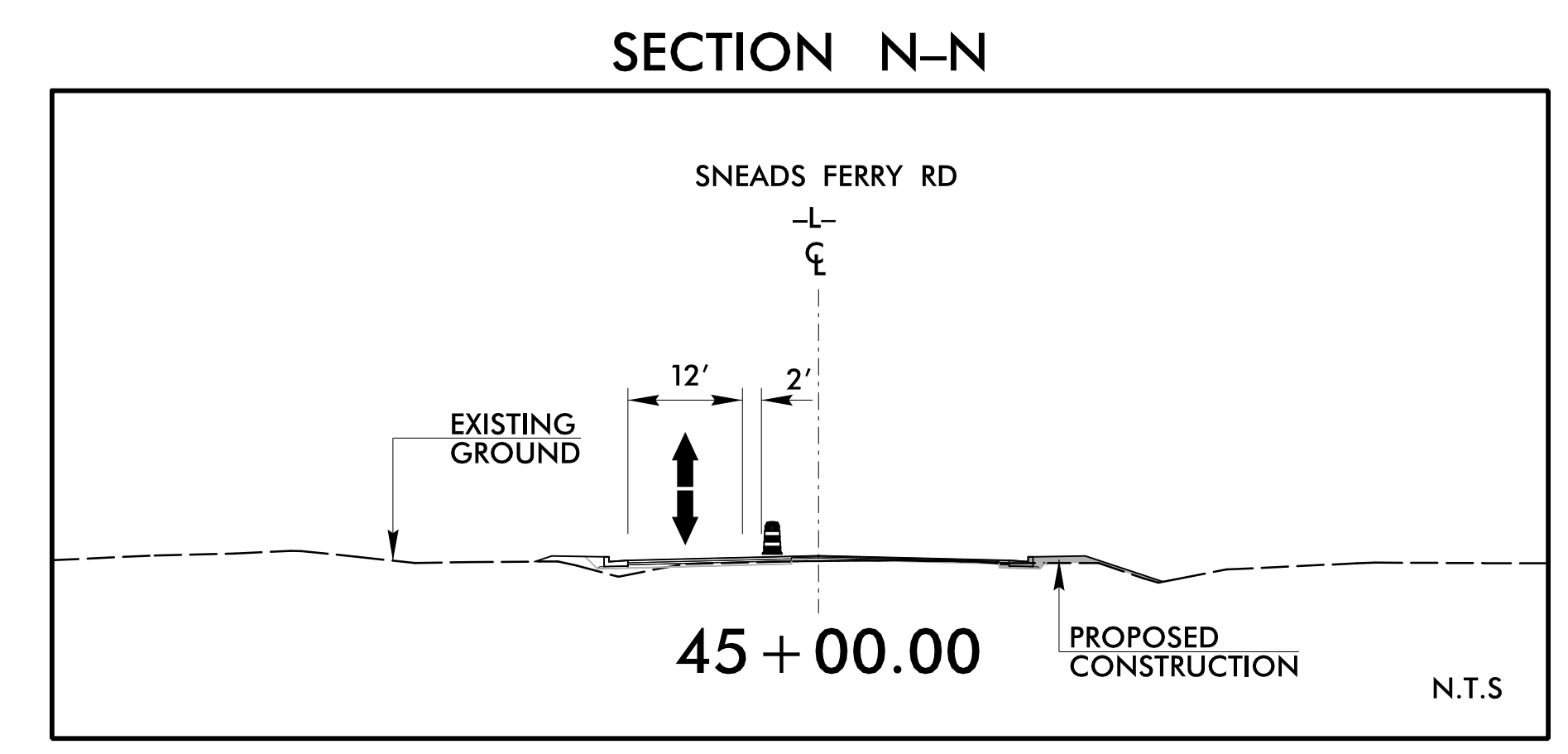
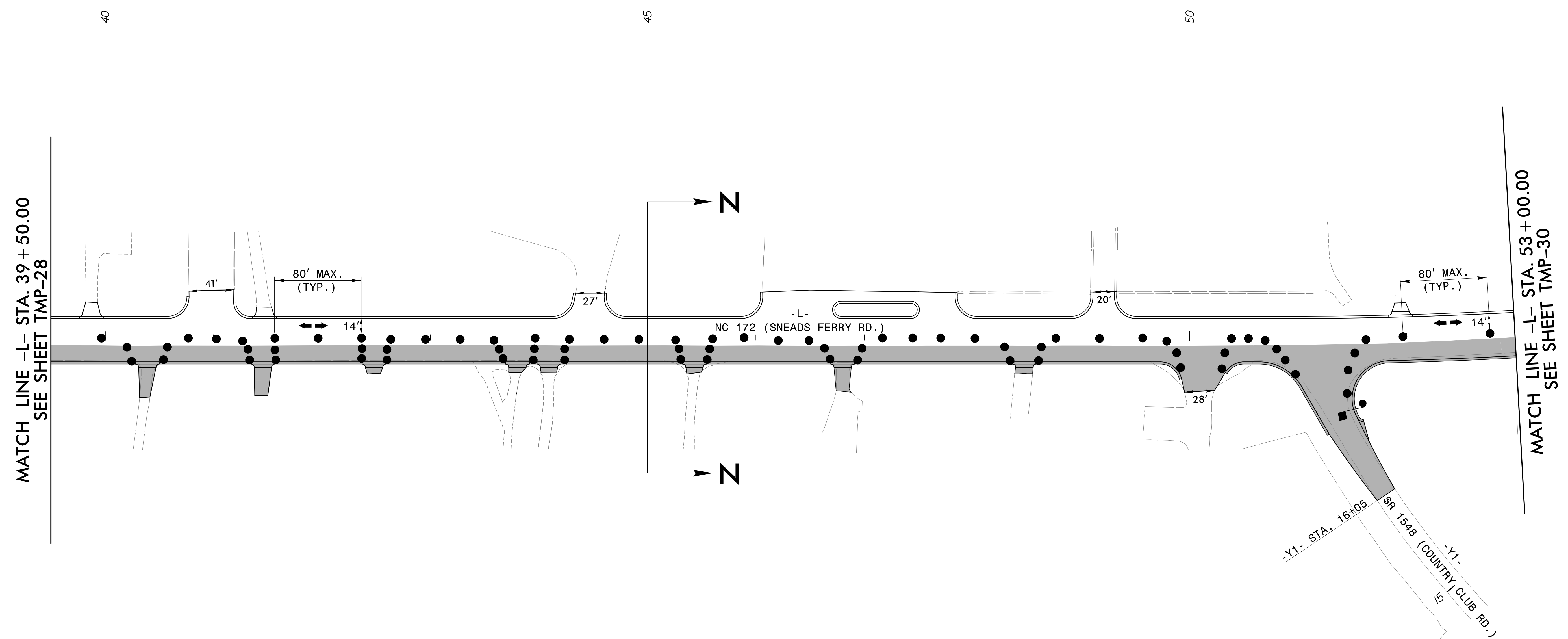
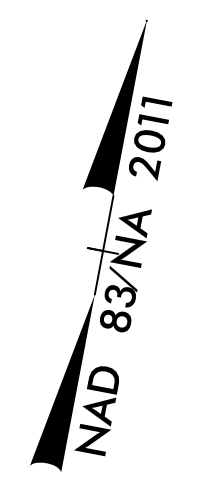
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PHASE VIII DETAIL

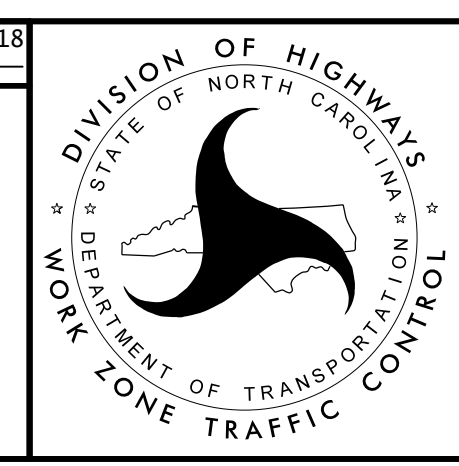
9/24/2018  
 R:\TrafficControl\TCP\Sheets\W5602\_TC\_TMP-28\phase8.dgn  
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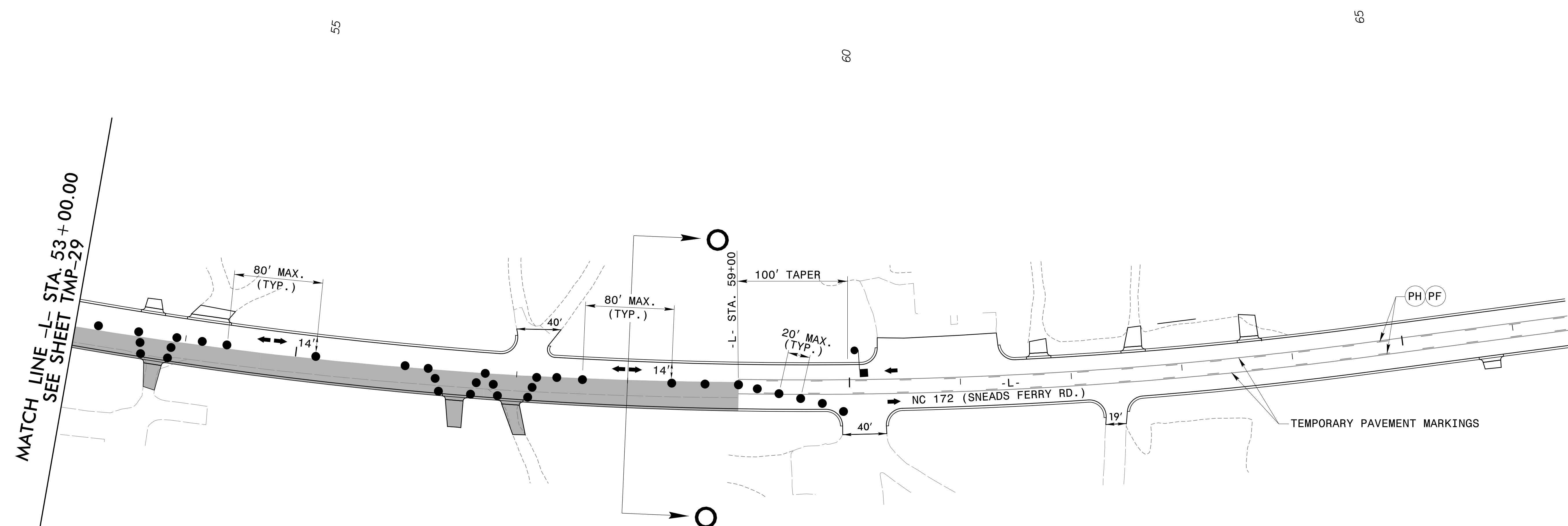
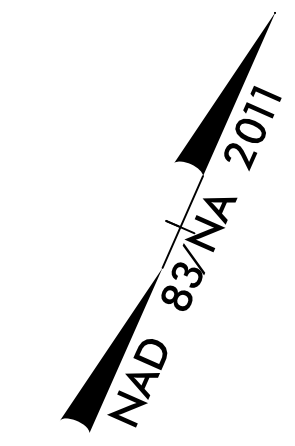
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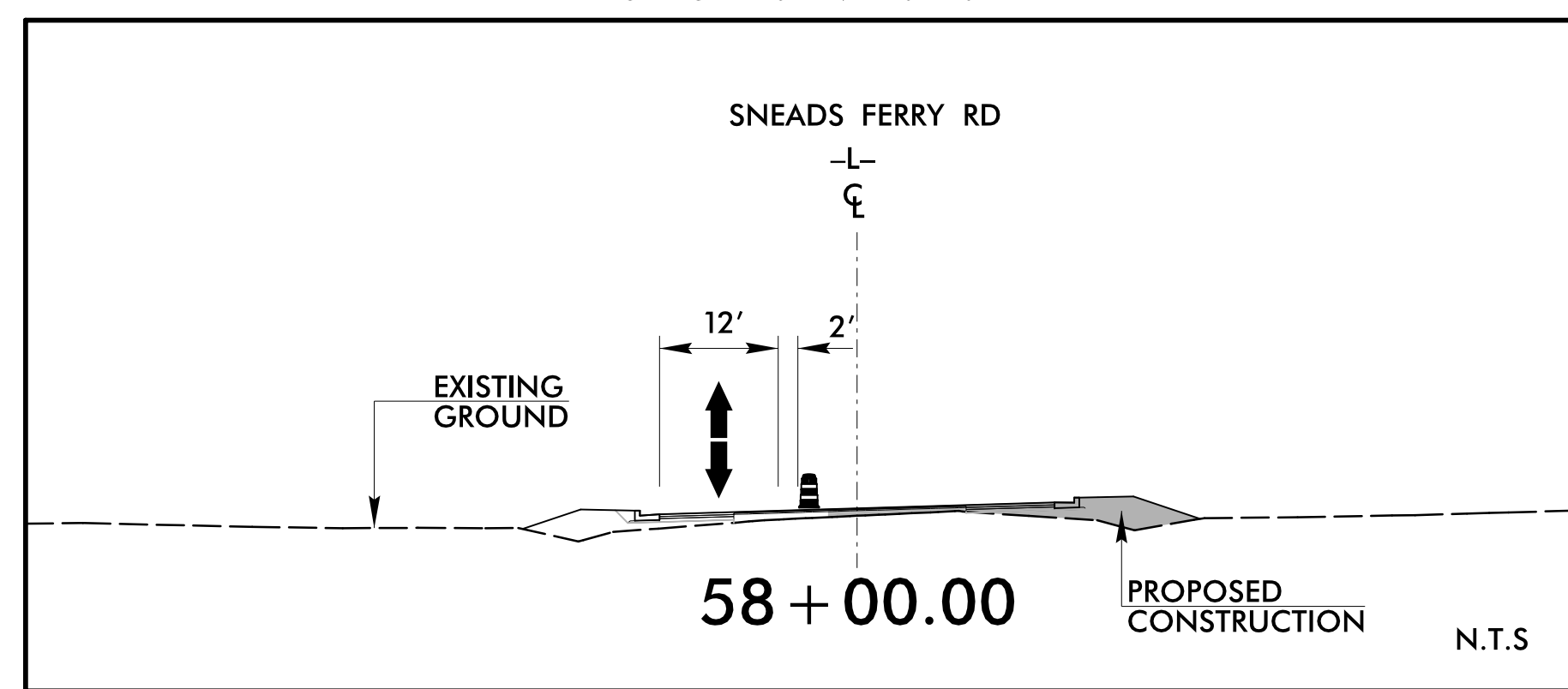


**PHASE VIII DETAIL**

9/24/2018  
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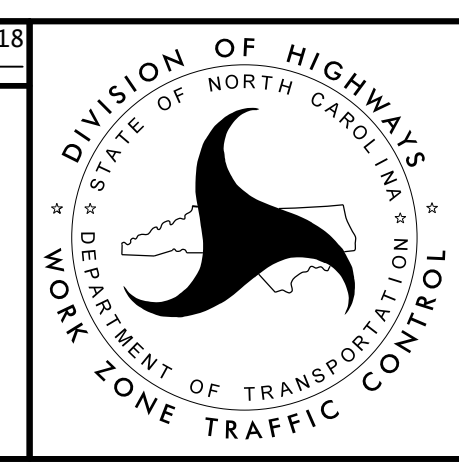
**SECTION 0-0**



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**PHASE VIII DETAIL**

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 P:\TrafficControl\TCP\SHEETS\W5602\_TC\_TMP-30\phase81.dgn  
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