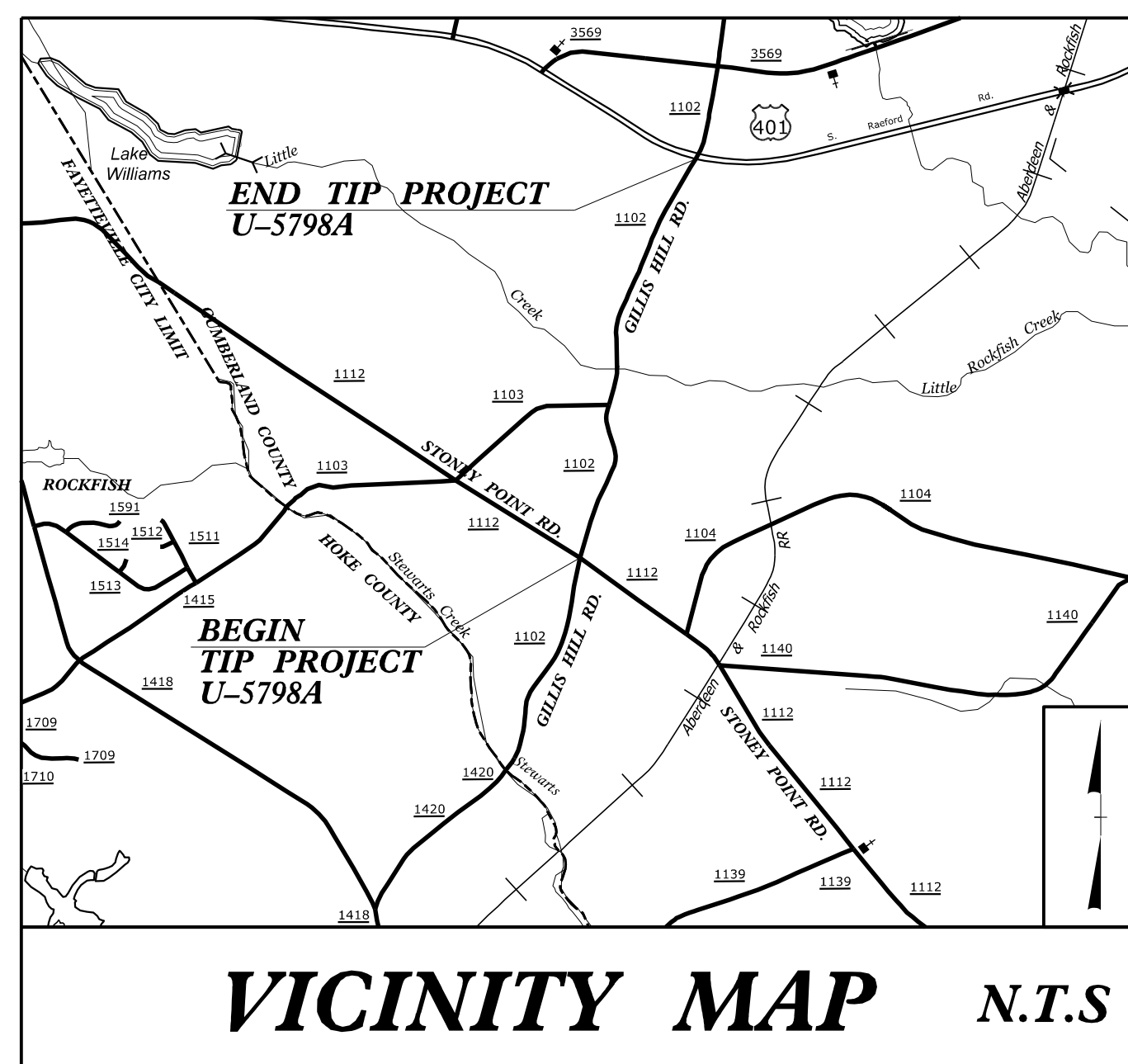
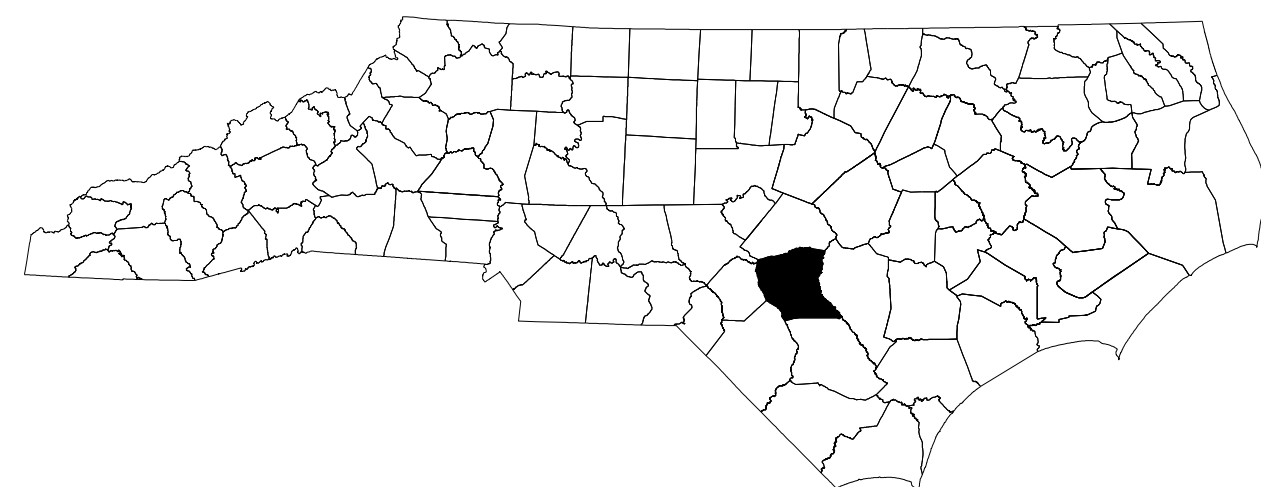


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CUMBERLAND COUNTY



INDEX OF SHEETS

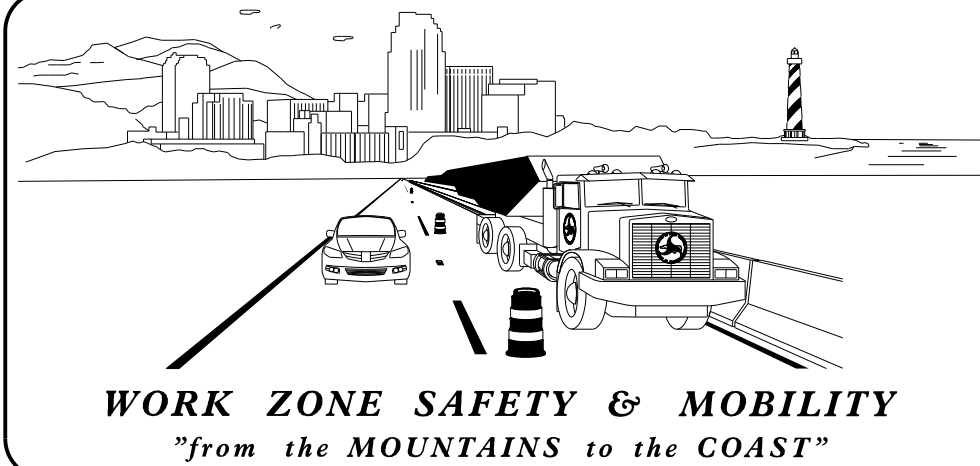
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-2 THRU 2A	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGY, GENERAL NOTES, AND LOCAL NOTES)
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 THRU 5	TEMPORARY TRAFFIC CONTROL PHASE I STEP 1 DETAILS
TMP-6	TEMPORARY TRAFFIC CONTROL PHASE I STEP 2 DETAILS
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TMP-1

U-5798A

TIP PROJECT:

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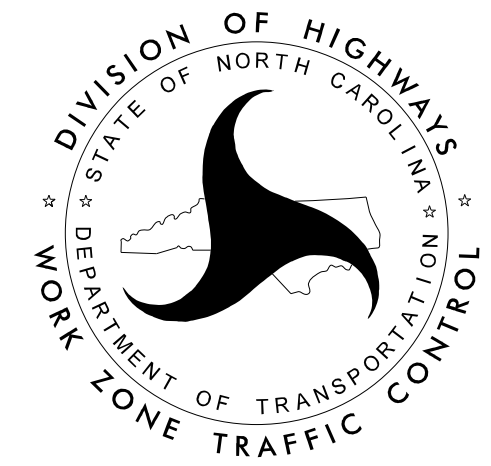
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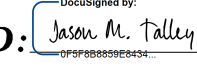
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PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

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APPROVED: 
DATE: 1/16/2022



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ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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
1101.03	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
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
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

MANAGEMENT STRATEGY

PHASE I:

WITH TRAFFIC IN THE EXISTING PATTERN, CONSTRUCT THE ON-SITE DETOUR.

PHASE II:

WITH TRAFFIC IN THE EXISTING PATTERN, CONSTRUCT THE SOUTHBOUND STRUCTURE ALONG -L- (GILLIS HILL RD.) AND BEGIN CONSTRUCTION OF THE NORTHBOUND STRUCTURE.

USING LANE CLOSURES, AND AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF SOUTHBOUND -L- (GILLIS HILL RD.) UP TO THE EDGE OF THE EXISTING PAVEMENT.

PHASE III:

SHIFT TRAFFIC ONTO SOUTHBOUND -L-. USING LANE CLOSURES AND AWAY FROM TRAFFIC, CONSTRUCT NORTHBOUND -L- (GILLIS HILL RD.) AND COMPLETE CONSTRUCTION OF THE NORTHBOUND STRUCTURE.

PHASE IV:

USING TEMPORARY LANE SHIFTS, CONSTRUCT MONOLITHIC CONCRETE ISLANDS. IN THE FINAL TRAFFIC PATTERN, ADD THE FINAL SURFACE LAYER AND PAVEMENT MARKINGS.

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
- TEMPORARY PAVEMENT

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

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

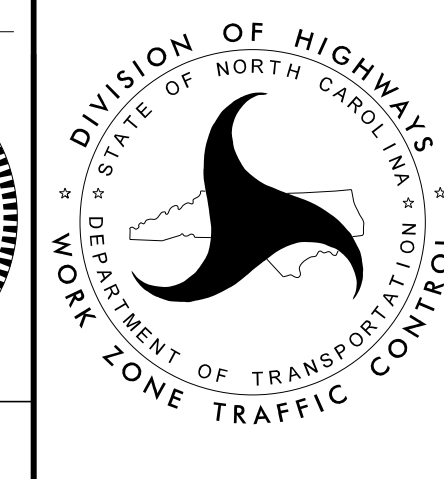
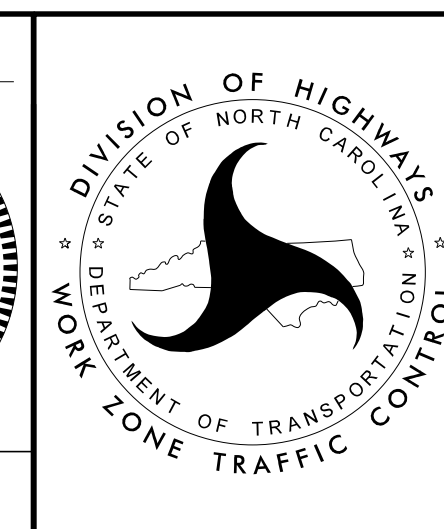
TEMPORARY PAVEMENT MARKING

P1	WHITE EDGELINE (PAINT, 4")	P61	WHITE STOPBAR (PAINT, 24")
P2	WHITE SOLID LANE LINE (PAINT, 4")	P62	WHITE CROSSWALK LINE (PAINT, 24")
P3	10FT. WHITE SKIP (PAINT, 4")	P70	LEFT TURN ARROW (PAINT)
P4	3FT.-9FT./SP WHITE MINISKIP (PAINT, 4")	P71	RIGHT TURN ARROW (PAINT)
P5	2FT.-6FT./SP WHITE MINISKIP (PAINT, 4")	P72	STRAIGHT ARROW (PAINT)
P10	YELLOW EDGELINE (PAINT, 4")	P73	COMBO. LEFT/STRAIGHT ARROW (PAINT)
P13	DOUBLE YELLOW CENTERLINE (PAINT, 4")	P74	COMBO. RIGHT/STRAIGHT ARROW (PAINT)
P14	2FT.-6FT./SP YELLOW MINISKIP (PAINT, 4")	P77	U-TURN ARROW (PAINT)
P41	WHITE DIAGONAL (PAINT, 8")	P100	ALPHANUMERIC CHARACTER (PAINT)
P42	YELLOW DIAGONAL (PAINT, 8")	C1	WHITE EDGELINE (COLD APPLIED PLASTIC, 4")
P43	WHITE SOLID LANE LINE (PAINT, 8")	C2	WHITE LANE LINE (COLD APPLIED PLASTIC, 4")
P44	3FT.-9FT./SP WHITE MINISKIP (PAINT, 8")	C10	YELLOW EDGELINE (COLD APPLIED PLASTIC, 4")
		C13	DOUBLE YELLOW CENTERLINE (COLD APPLIED PLASTIC, 4")

APPROVED:

DATE: 1/16/2022

SEAL



ROADWAY STANDARD DRAWINGS & LEGEND

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PROJ. REFERENCE NO.	SHEET NO.
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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 UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

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

TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
GILLIS HILL ROAD	6:00AM THRU 7:00PM
STONEY POINT ROAD US 401	MONDAY THROUGH SUNDAY

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

ROAD NAME	HOLIDAY
GILLIS HILL ROAD	STANDARD HOLIDAYS
STONEY POINT ROAD US 401	

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO 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.
- 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.
- H) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- I) 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.
- J) 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

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

SIGNING

- L) 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.
- M) 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.

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GENERAL NOTES

- N) 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.
- O) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- P) 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

- Q) 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.
- R) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	TEMPORARY RAISED
-L- GILLIS HILL RD	COLD APPLIED PLASTIC	TEMPORARY RAISED

- 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.
- W) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION

MISCELLANEOUS

- X) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- Y) 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) 350 FT AND 350 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- Z) 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.
- AA) 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.).

1/6/2022
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PHASING NOTES

NOTES:

'RSD' REFERS TO NCDOT ROADWAY STANDARD DRAWINGS.

COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MATTER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

ALL PROPOSED ASPHALT ROADWAY CONSTRUCTION IS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE UNLESS OTHERWISE NOTED.

PHASE I STEP 1:

USING RSD 1101.01 (SHEETS 2 AND 3 OF 3) PLACE ALL ADVANCED WARNING SIGNS.

WITH TRAFFIC IN THE EXISTING PATTERN, AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 14) WITH NIGHT-TIME ROAD CLOSURES, WEDGING, AND TEMPORARY PAVEMENT, CONSTRUCT THE ON-SITE DETOUR INCLUDING DRAINAGE (SEE SHEET TMP-4).

-DETOUR- STA 10+05± TO -DETOUR- STA 17+80±

WITH TRAFFIC IN THE EXISTING PATTERN, AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 14) WITH NIGHT-TIME ROAD CLOSURES CONSTRUCT TEMPORARY PAVEMENT, DRAINAGE, AND SANITARY SEWER LINE ALONG -L- (GILLIS HILL RD.) (SEE SHEET TMP-5).

-L- STA 85+21± TO -L- STA 92+74±

PHASE I STEP 2:

USING RSD 1101.02 (SHEET 2 OF 14) SHIFT TRAFFIC INTO TEMPORARY PATTERN AND FINISH INSTALLING THE SEWER PIPE (SEE SHEET TMP-6).

THE CONTRACTOR SHALL COMPLETE PHASE I STEP 2 IN 72 HOURS. (SEE INTERMEDIATE CONTRACT TIME - LIQUIDATED DAMAGES) RETURN TRAFFIC TO PATTERN SHOWN ON TMP-5 ONCE COMPLETE.

PHASE II:

WITH TRAFFIC IN THE EXISTING PATTERN AND USING THE ON-SITE DETOUR, AWAY FROM TRAFFIC, USE RSD 1101.03 (SHEET 3 OF 9) TO CONSTRUCT THE SOUTHBOUND STRUCTURE ALONG -L- (GILLIS HILL RD.) INCLUDING TEMPORARY GUARDRAIL AND ANCHOR UNITS AND BEGIN CONSTRUCTION OF THE NORTHBOUND STRUCTURE (SEE SHEET TMP-9).

USE RSD 1101.02 (SHEET 1 OF 14) AND RSD 1101.03 (SHEET 3 OF 9) TO BEGIN CONSTRUCTION OF SOUTHBOUND -L- (GILLIS HILL RD.) UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVEMENT.

PHASE II (CONTINUED):

WEDGE THE FOLLOWING UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF PAVEMENT. (SEE SHEETS TMP-7 THRU TMP-12).

- L- STA 50+06± TO -L- STA 92+74±
- L- STA 93+08± TO -L- STA 95+61±
- L- STA 95+98± TO -L- STA 100+47±
- L- STA 100+97± TO -L- STA 105+45±
- L- STA 105+84± TO -L- STA 109+00±

USE RSD 1101.02 (SHEET 1 OF 14) REMOVE EXISTING MONOLITHIC CONCRETE ISLAND, ADD TEMP PAVEMENT AND APPROPRIATE PAVEMENT MARKINGS AS NEEDED (SEE SHEET TMP-11).

USE RSD 1101.02 (SHEET 3 OF 14) TO CONSTRUCT PROP MEDIAN NOSES ALONG US 401 (S RAEFORD RD.) (SEE SHEET TMP-12).

PHASE III:

SHIFT TRAFFIC ONTO SOUTHBOUND -L- (GILLIS HILL RD.) IN A TWO-LANE, TWO-WAY PATTERN. INSTALL TUBULAR MARKERS ON -L- (GILLIS HILL RD.) FROM STA -L- 105+14± TO -L- STA 106+12± (SEE SHEET TMP-18).

USING NIGHT-TIME LANE CLOSURES, USE RSD 1101.02 (SHEET 1 AND 3 OF 14) TO CONSTRUCT NORTHBOUND -L- (GILLIS HILL RD.) (SEE SHEETS TMP-14 THRU TMP-19).

-L- STA 49+53± TO -L- STA 109+87±

WHEN NORTHBOUND CONSTRUCTION IS COMPLETE REMOVE PORTIONS OF GILLIS HILL RD AS SHOWN ON TMP-14.

PHASE IV:

PRIOR TO SHIFTING TRAFFIC, RELAP GUARDRAIL, REMOVE TEMPORARY ANCHOR UNITS AND INSTALL IMPACT ATTENUATORS AND ANCHOR UNITS.

SHIFT NORTHBOUND TRAFFIC ONTO NORTHBOUND -L- (GILLIS HILL RD.) AND INSTALL TEMPORARY SIGNAGE. WITH TRAFFIC IN A TEMPORARY PATTERN, USE RSD 1101.02 (SHEET 3 OF 14) WITH NIGHT-TIME LANE CLOSURES TO CONSTRUCT MEDIAN MONOLITHIC CONCRETE ISLANDS, SIDEWALKS, AND PEDESTRIAN CROSSWALKS ALONG -L- (GILLIS HILL RD.) (SEE SHEETS TMP-19 THRU TMP-24)

USING NIGHT-TIME LANE CLOSURES AND RSD 1101.02 (SHEET 3 OF 14), PLACE THE FINAL LAYER OF SURFACE COURSE ON -L- (GILLIS HILL RD.). PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON -L- (GILLIS HILL RD.) (SEE PAVEMENT MARKING PLANS). REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN ROADWAY TO FINAL PATTERN.

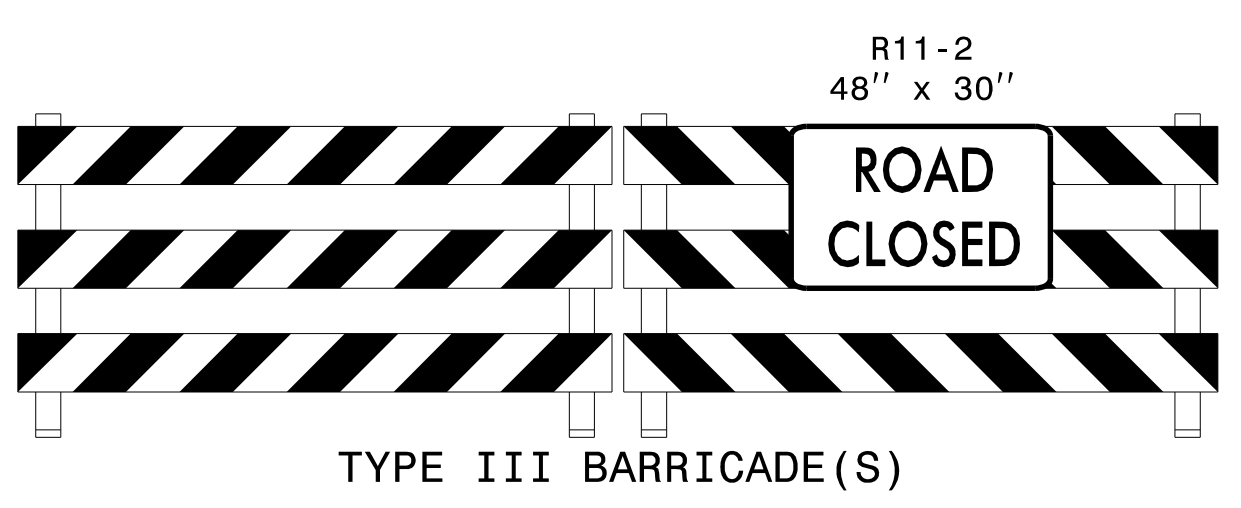
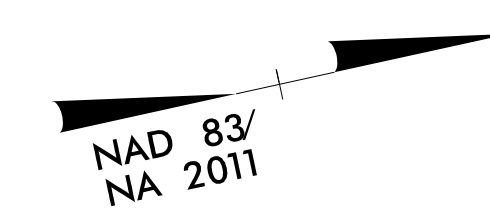
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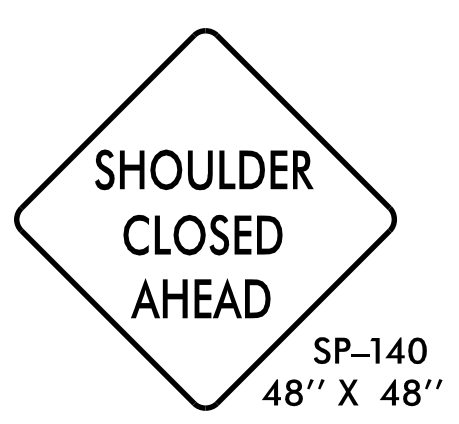




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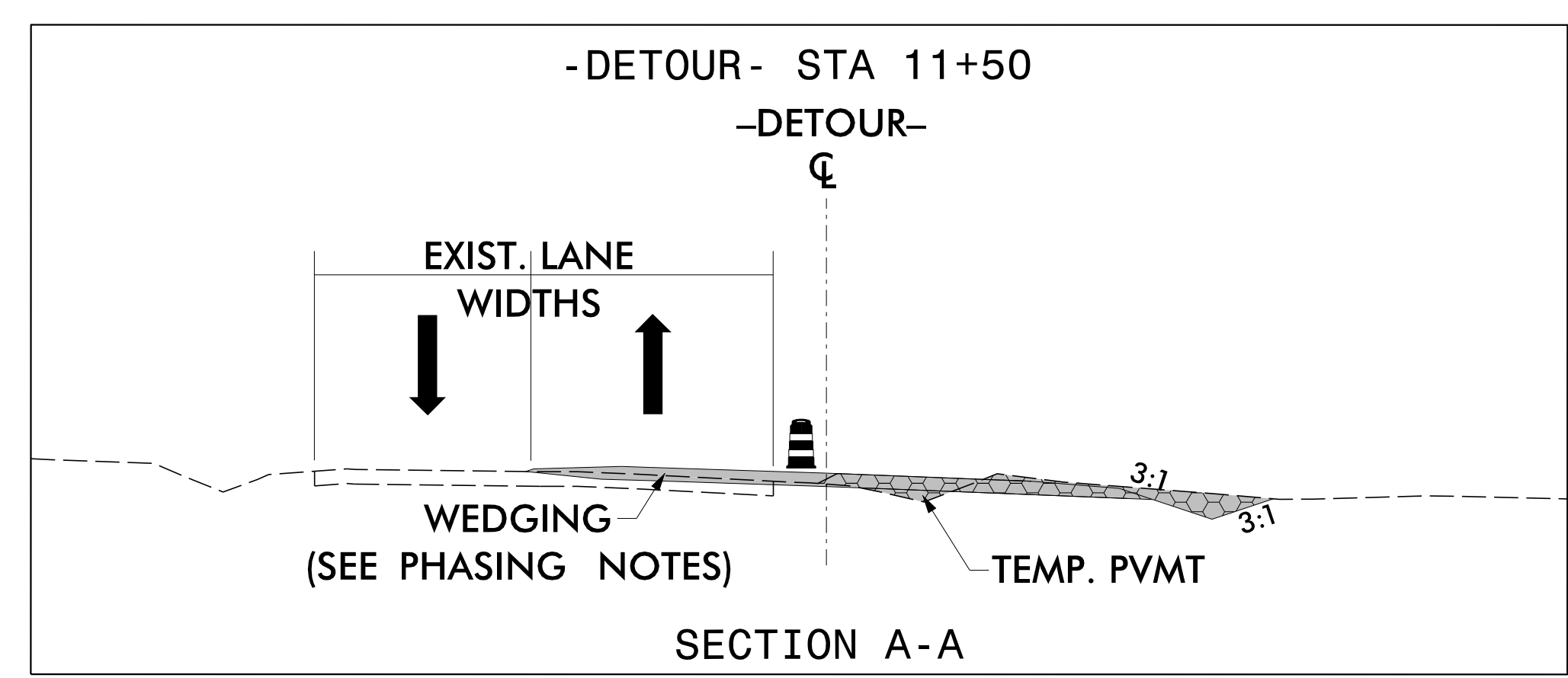
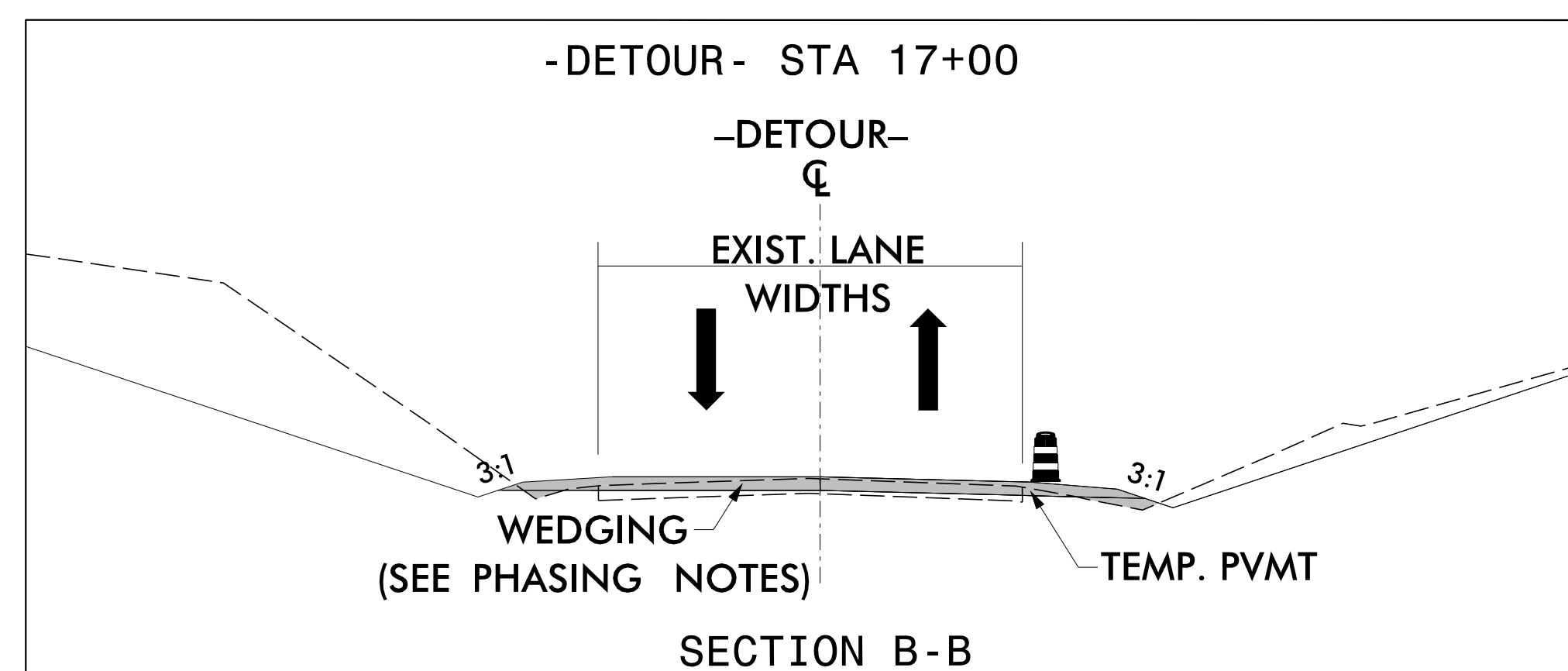
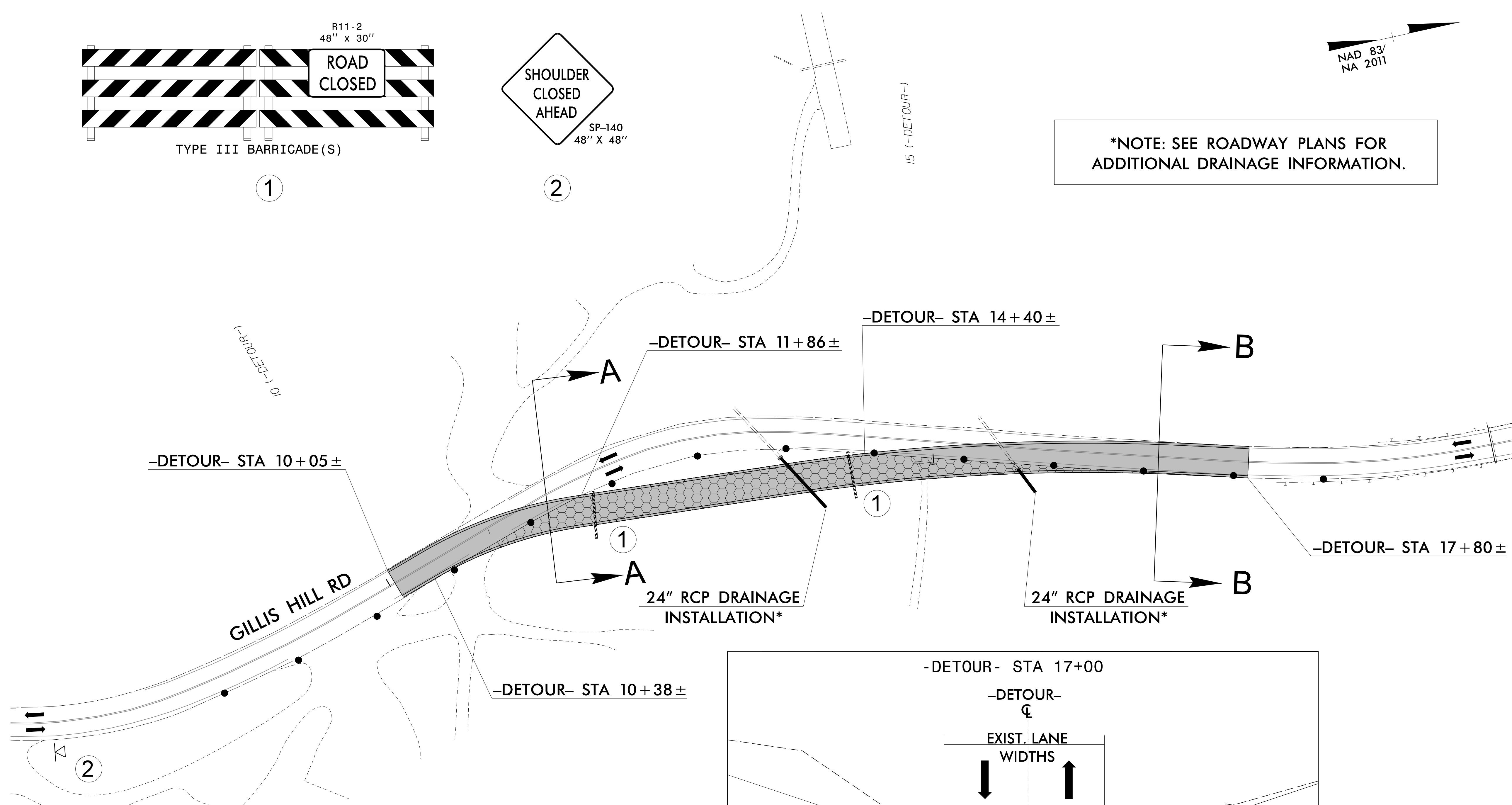


①



②

***NOTE: SEE ROADWAY PLANS FOR ADDITIONAL DRAINAGE INFORMATION.**

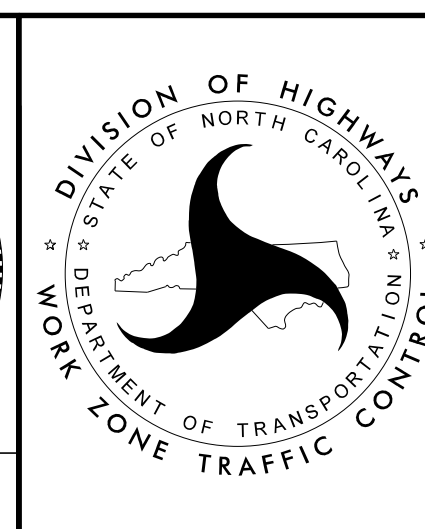


1/6/2022
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 User:McLaughlin



APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

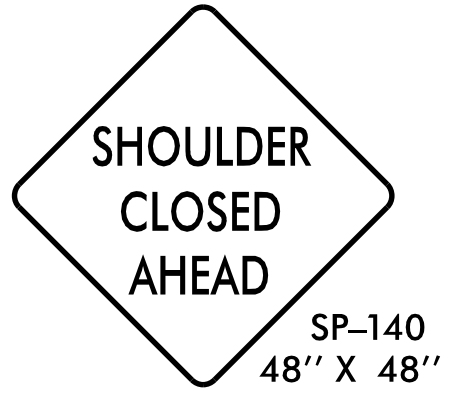
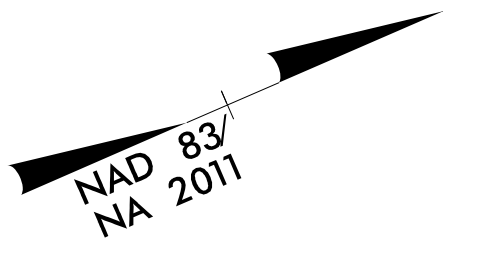
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**PHASE I STEP 1
 DETAILS**

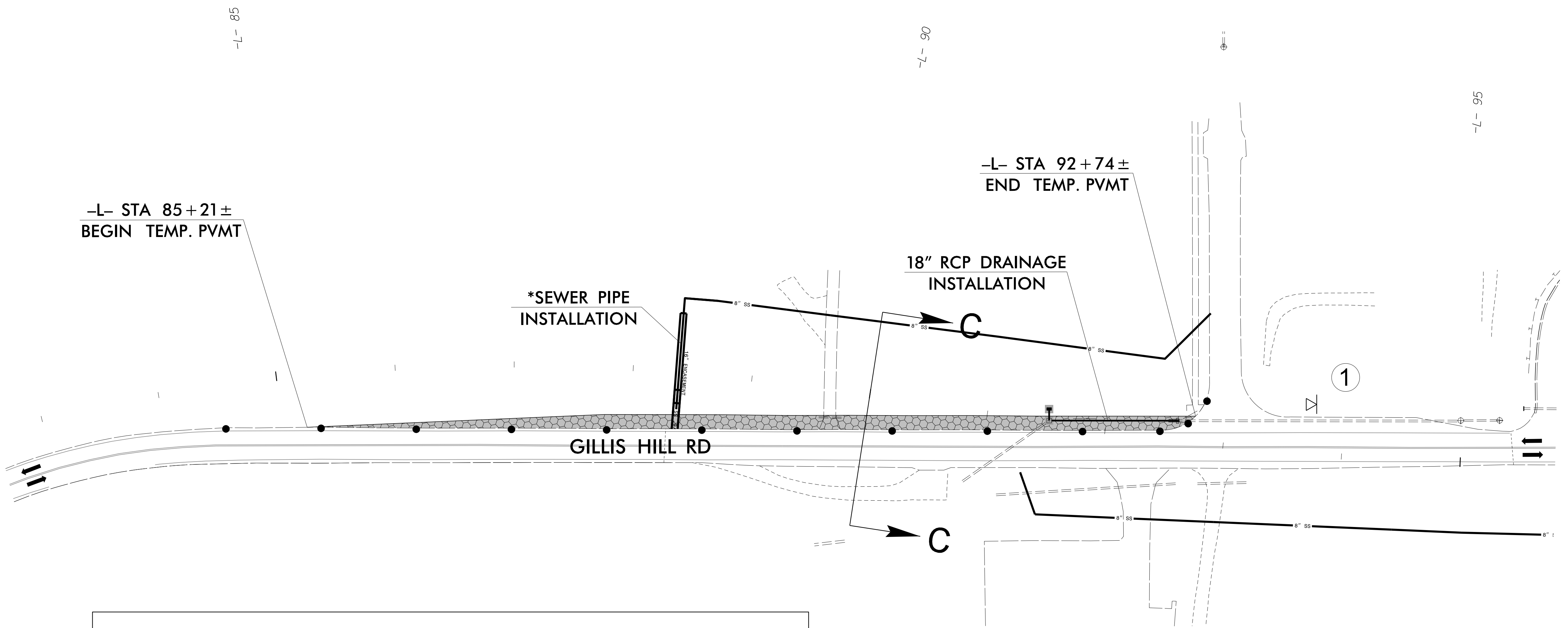


PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-5



1

***NOTE: SEE ROADWAY PLANS AND UTILITY CONSTRUCTION PLANS FOR ADDITIONAL INFORMATION.**



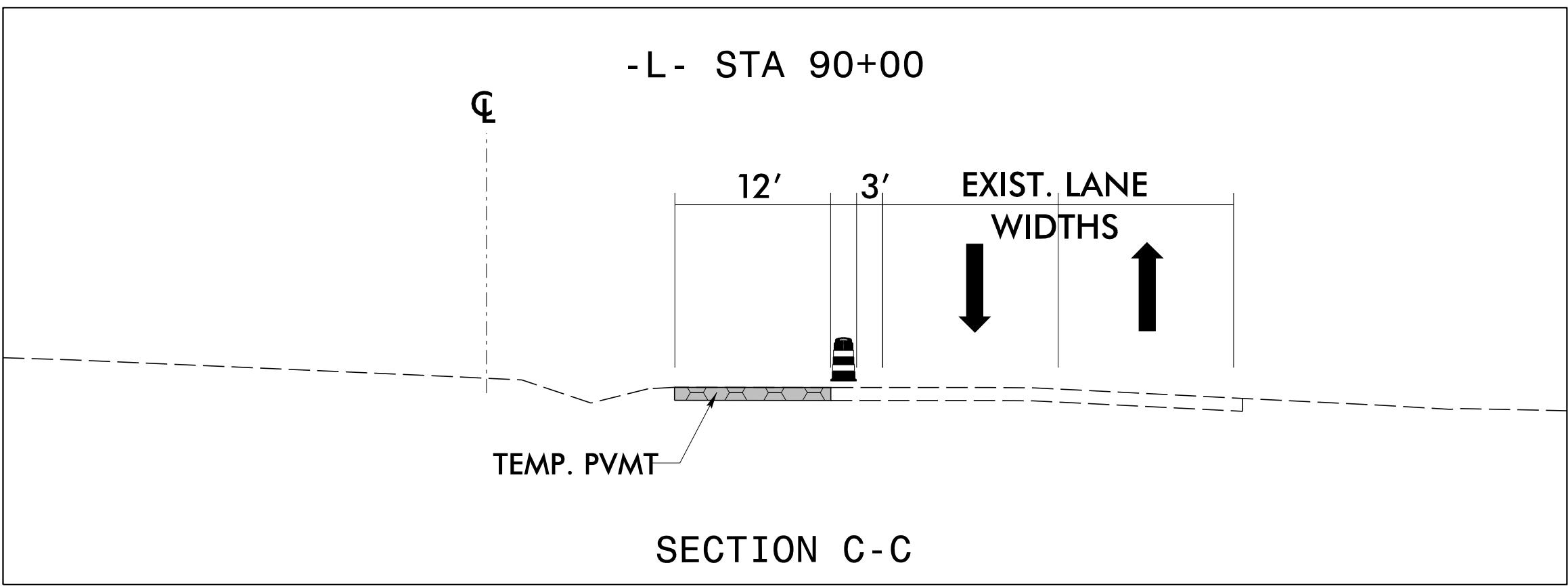
-L- STA 85+21±
BEGIN TEMP. PVMT

-L- STA 92+74±
END TEMP. PVMT

*SEWER PIPE
INSTALLATION

18" RCP DRAINAGE
INSTALLATION

GILLIS HILL RD

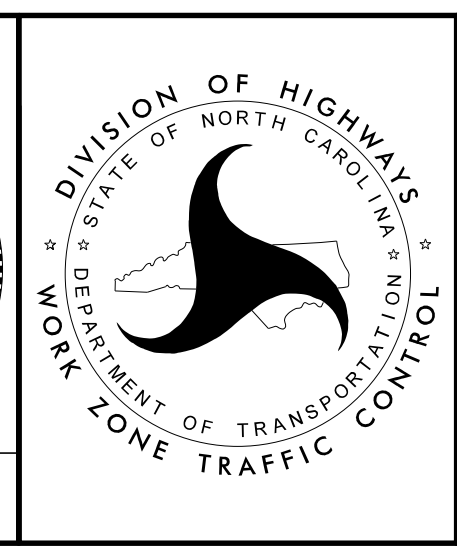


1/6/2022
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User:McLaughR



APPROVED: *Jason M. Talley*
DATE: 1/16/2022

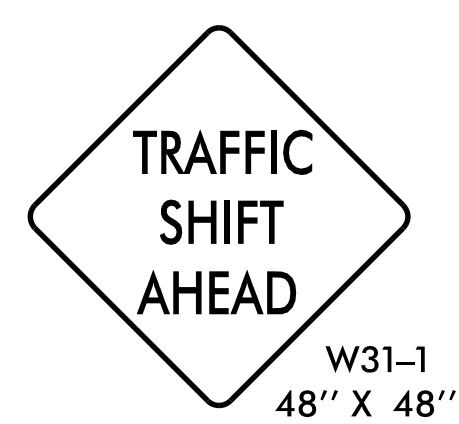
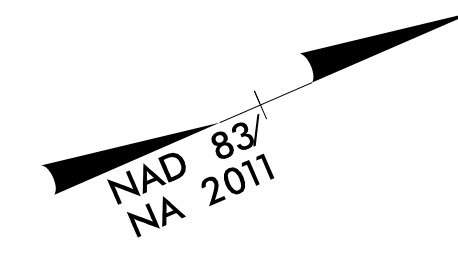
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**PHASE I STEP 1
DETAILS**

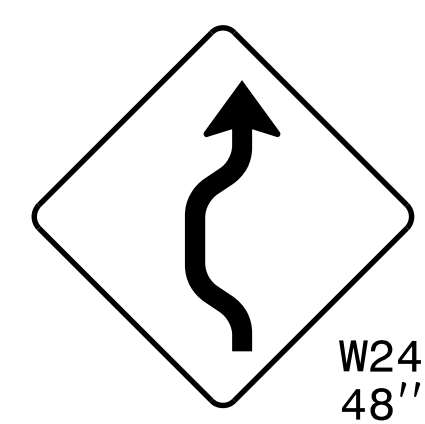


PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-6



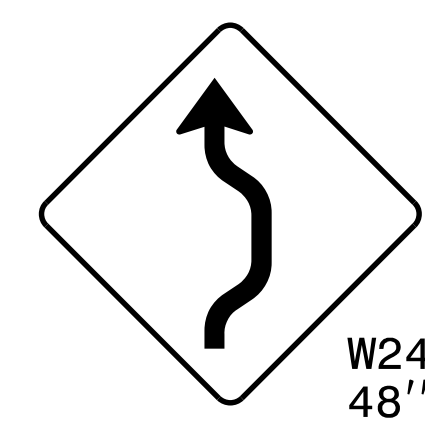
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W31-1
48" X 48"



2

W24-1L
48" X 48"



3

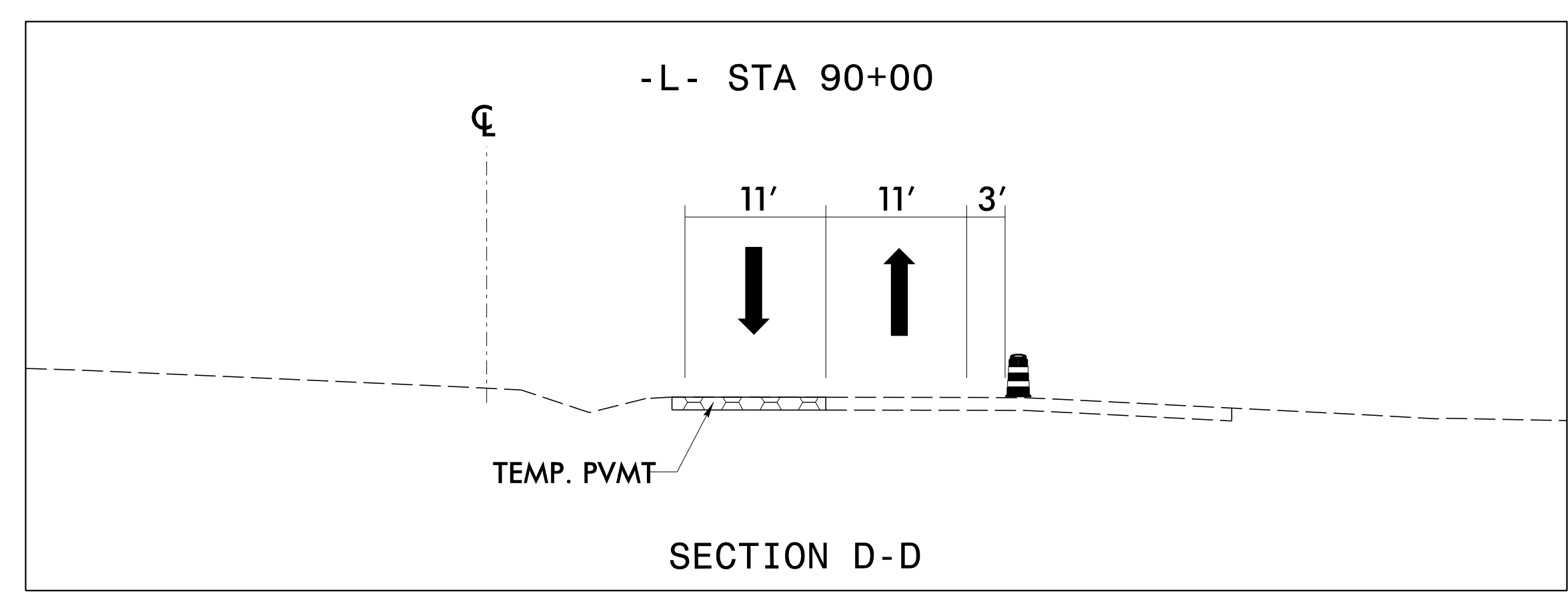
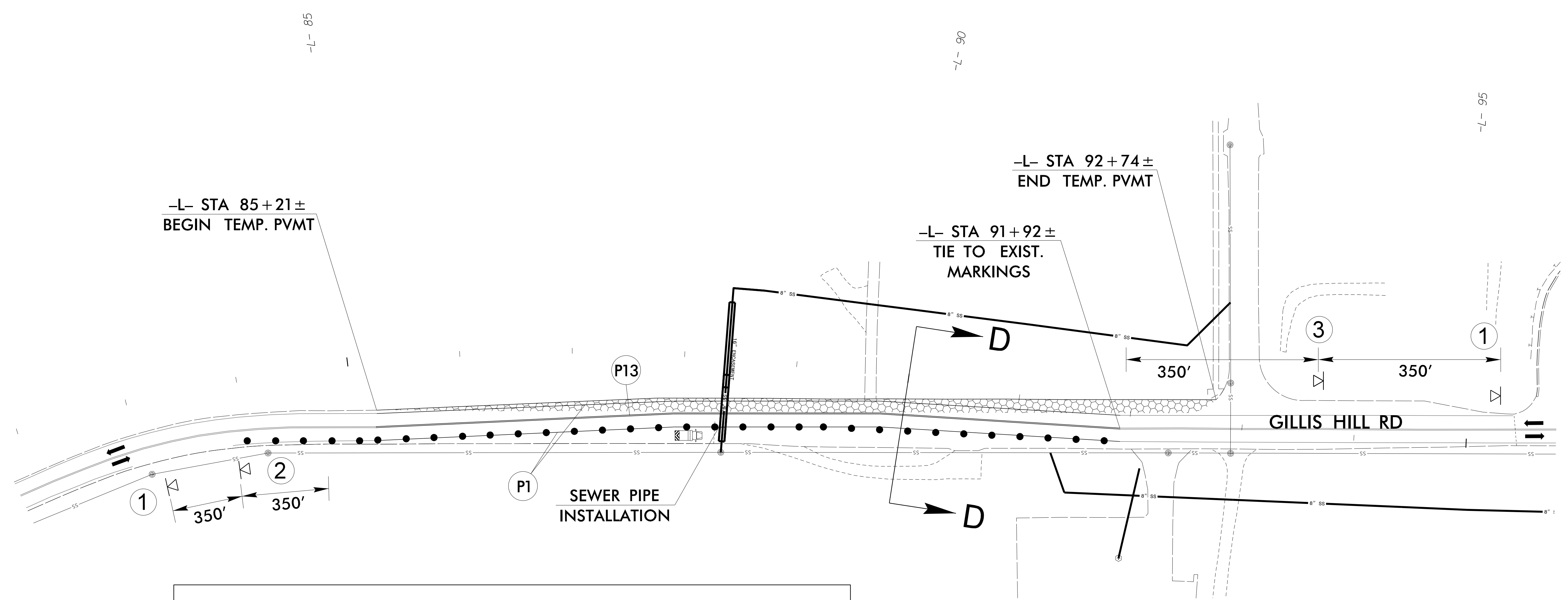
W24-1R
48" X 48"

*NOTE: SEE UTILITY CONSTRUCTION PLANS FOR ADDITIONAL INFORMATION.

-L- STA 85+21±
BEGIN TEMP. PVMT

-L- STA 92+74±
END TEMP. PVMT

-L- STA 91+92±
TIE TO EXIST.
MARKINGS



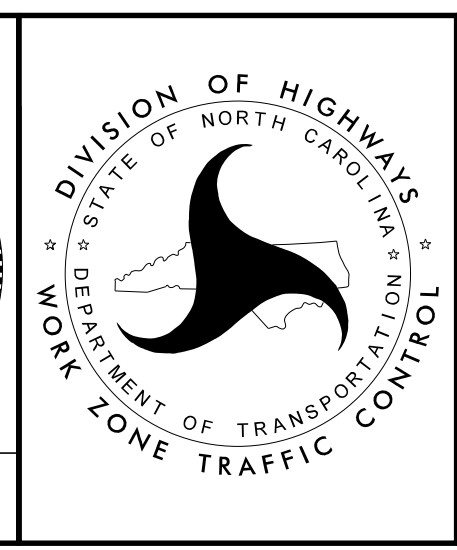
1/6/2022
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User:McLaughlin



APPROVED: *Jason M. Talley*

DATE: 1/16/2022

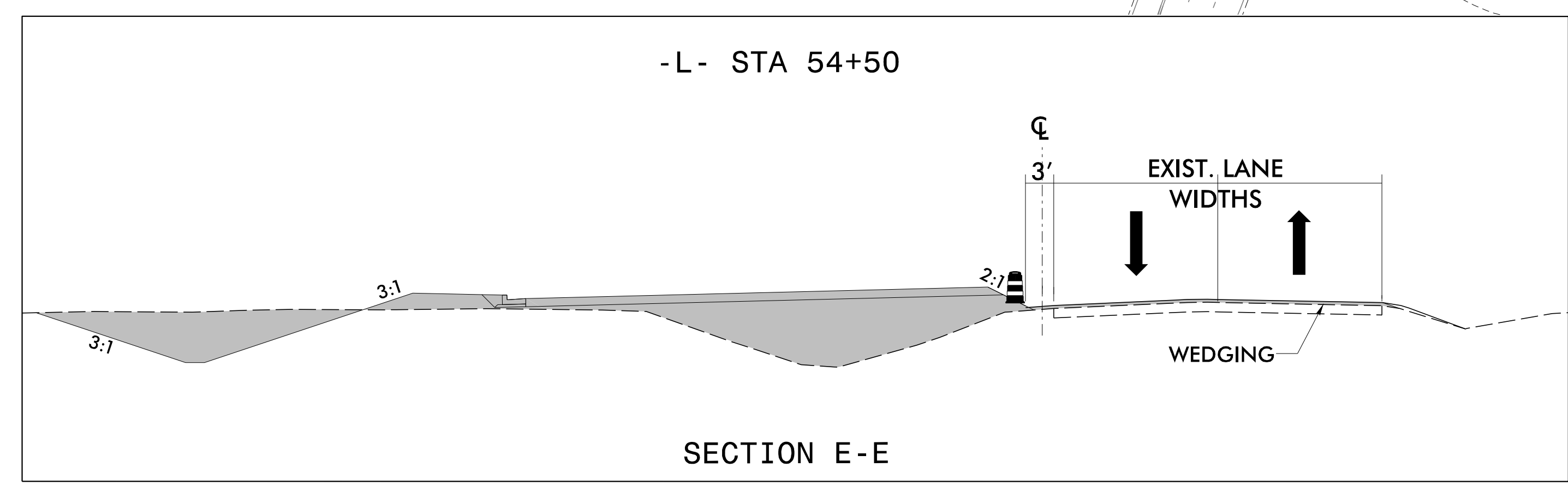
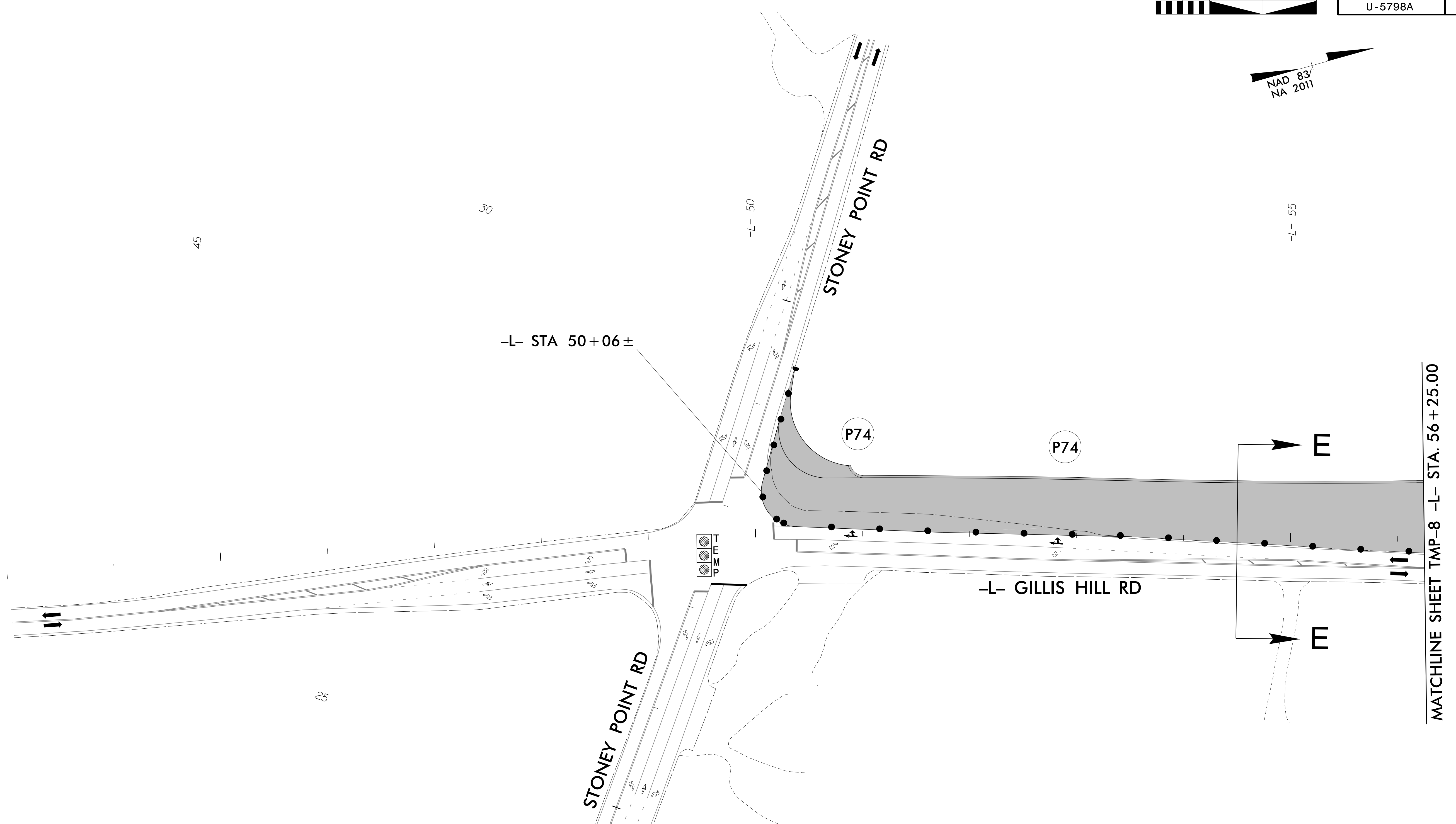
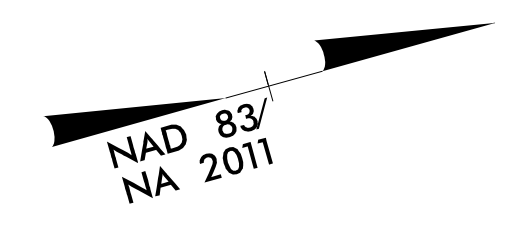
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



PHASE I STEP 2
DETAILS




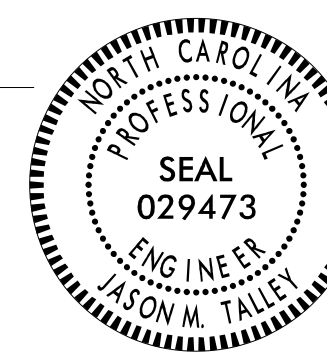
PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-7



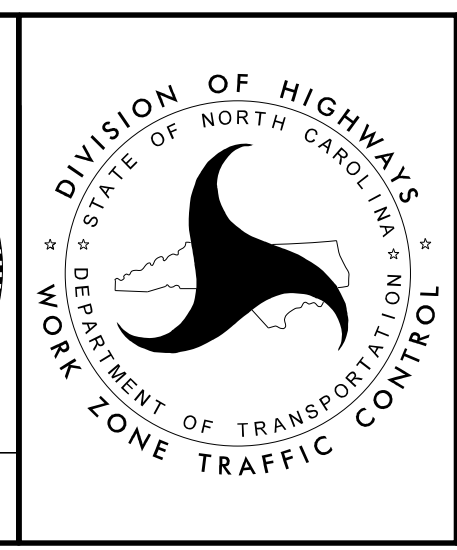
1/6/2022
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 User: YoungCJ



APPROVED: 
 DATE: 1/16/2022



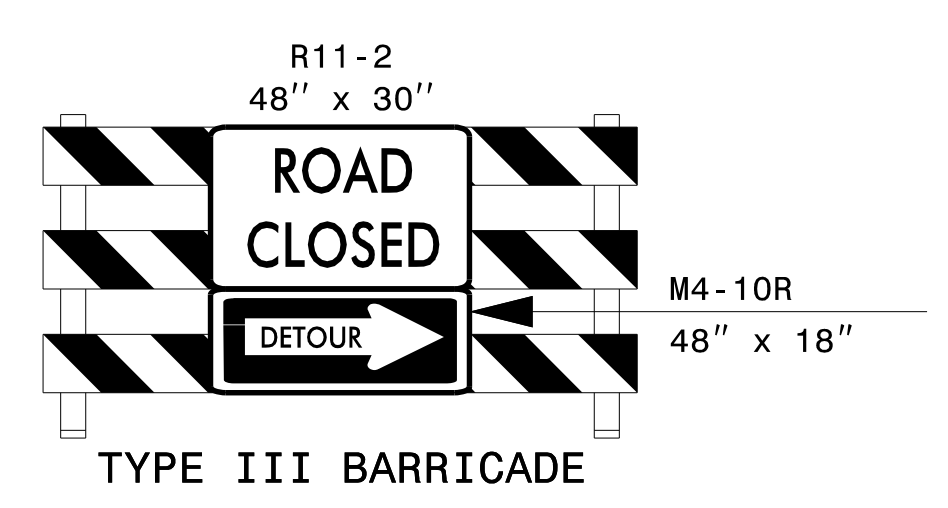
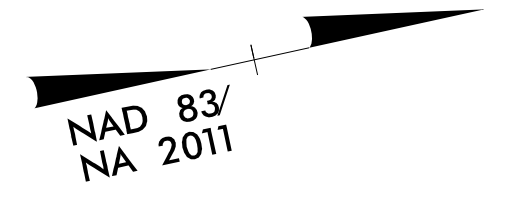
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UNLESS ALL SIGNATURES COMPLETED**



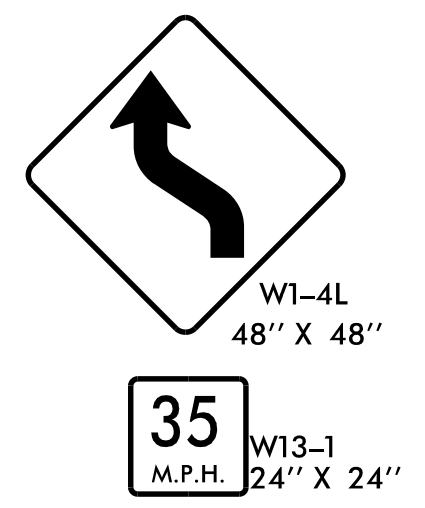
PHASE II
DETAILS



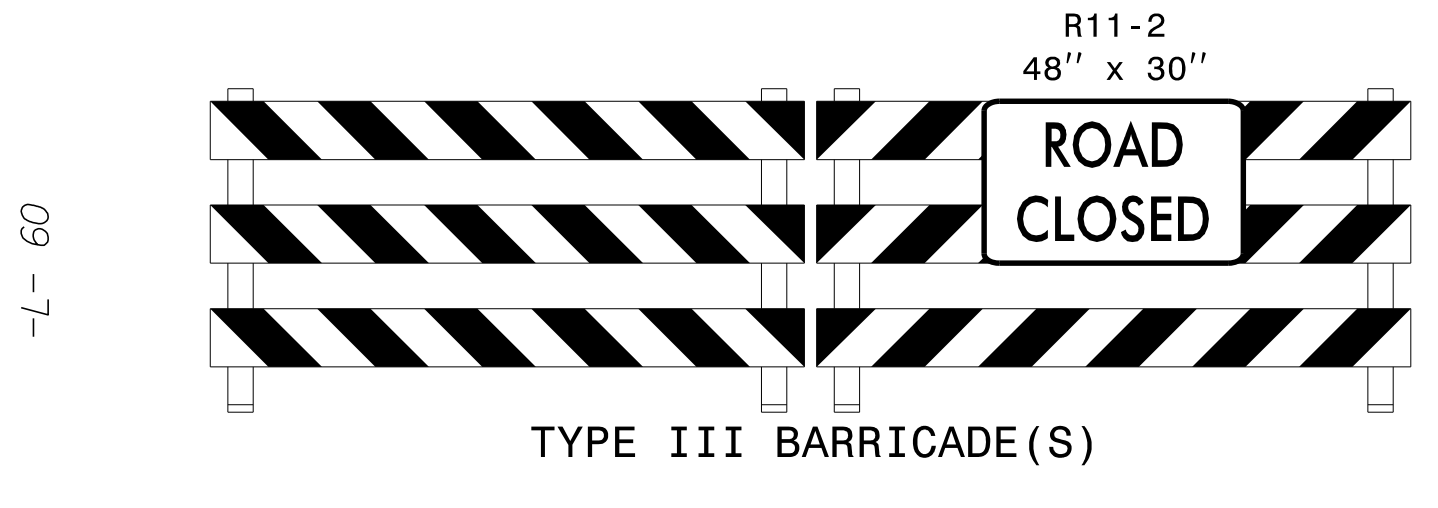
PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-8



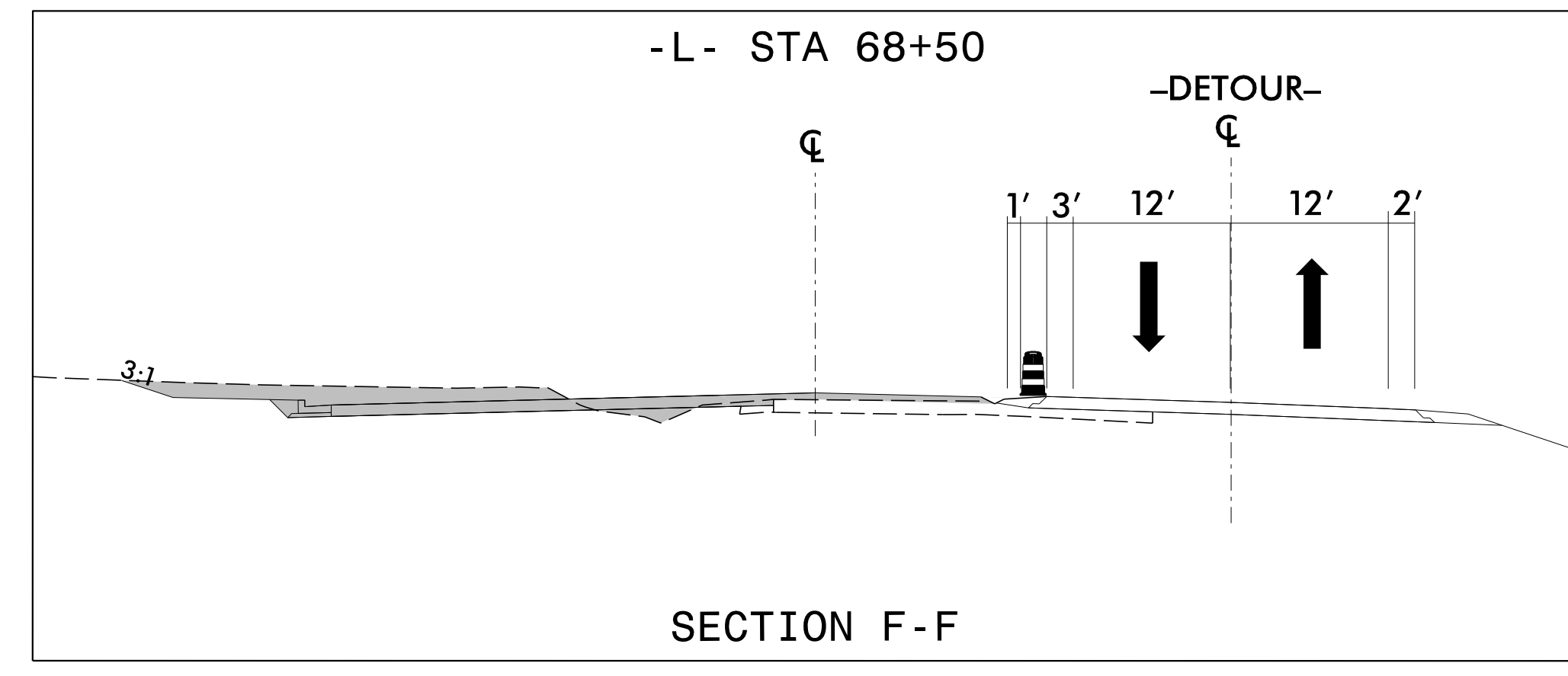
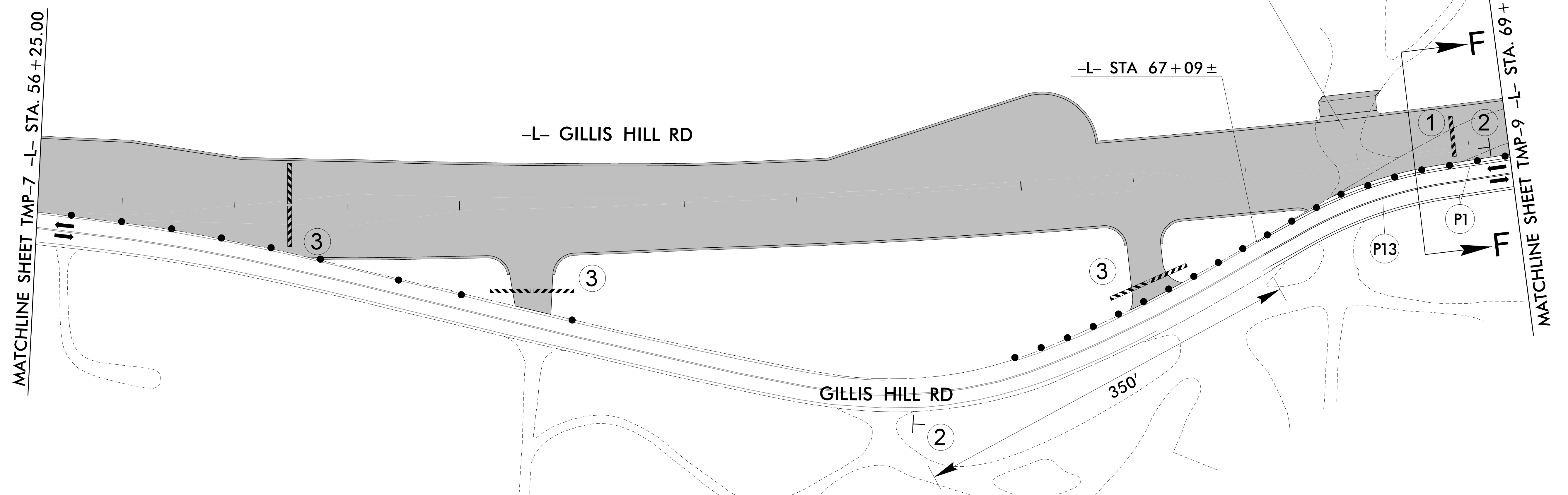
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②

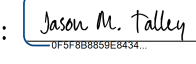



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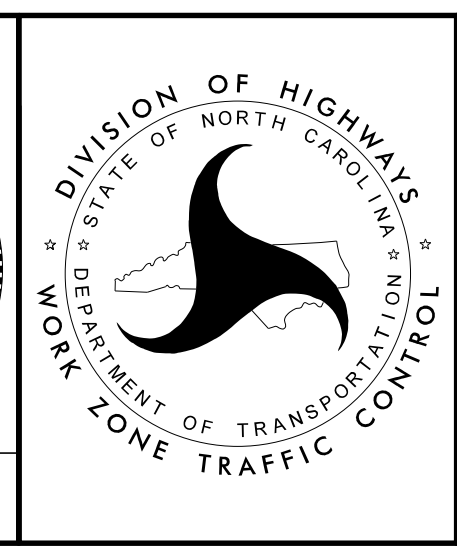
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User:McLaughR



APPROVED: 
DATE: 1/16/2022



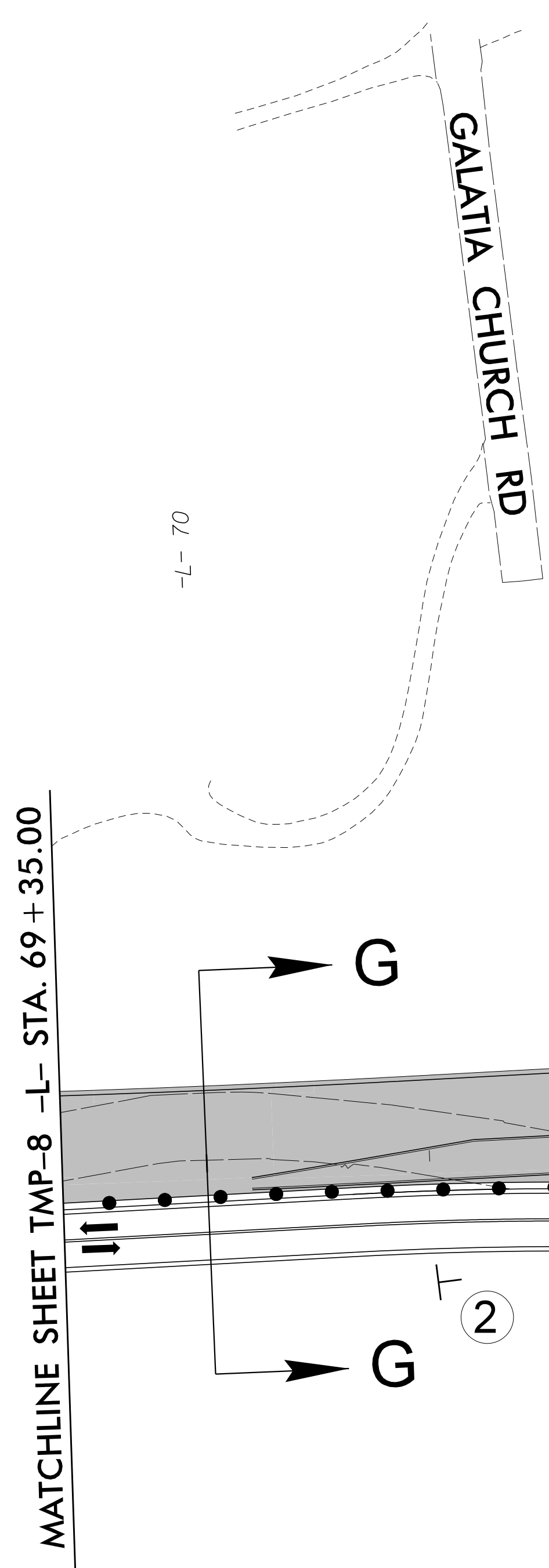
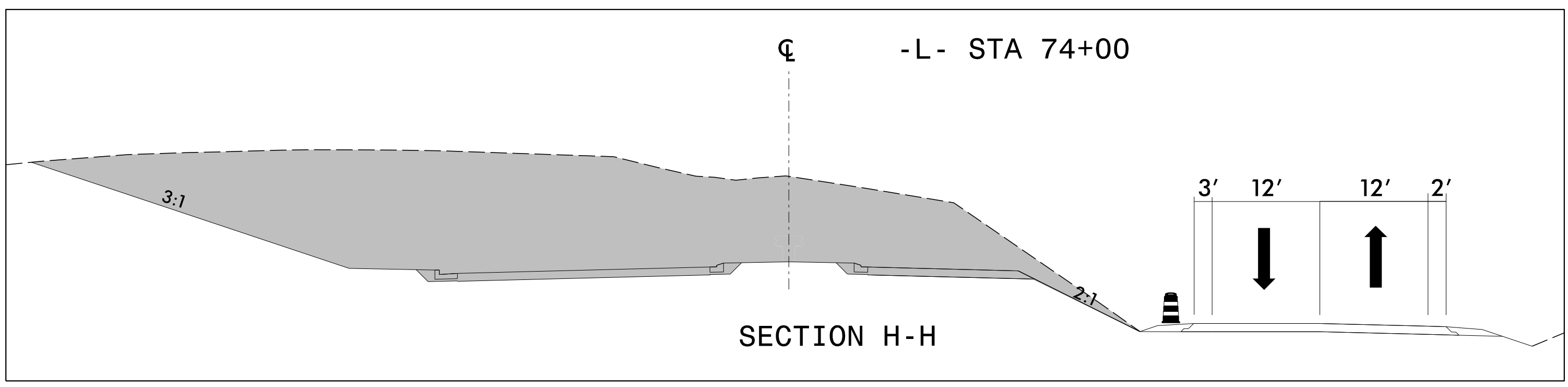
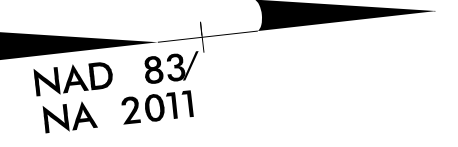
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



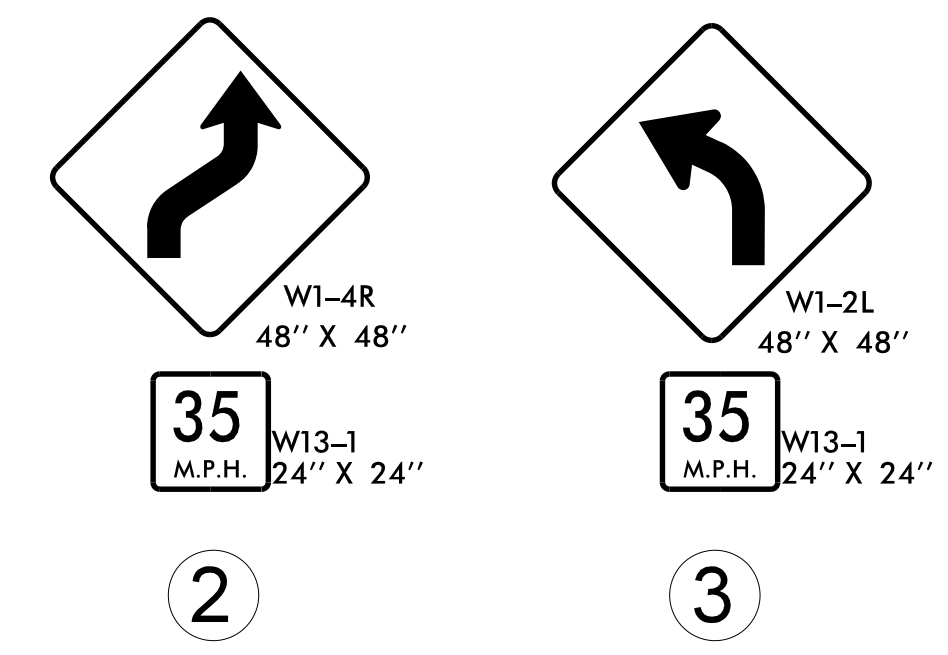
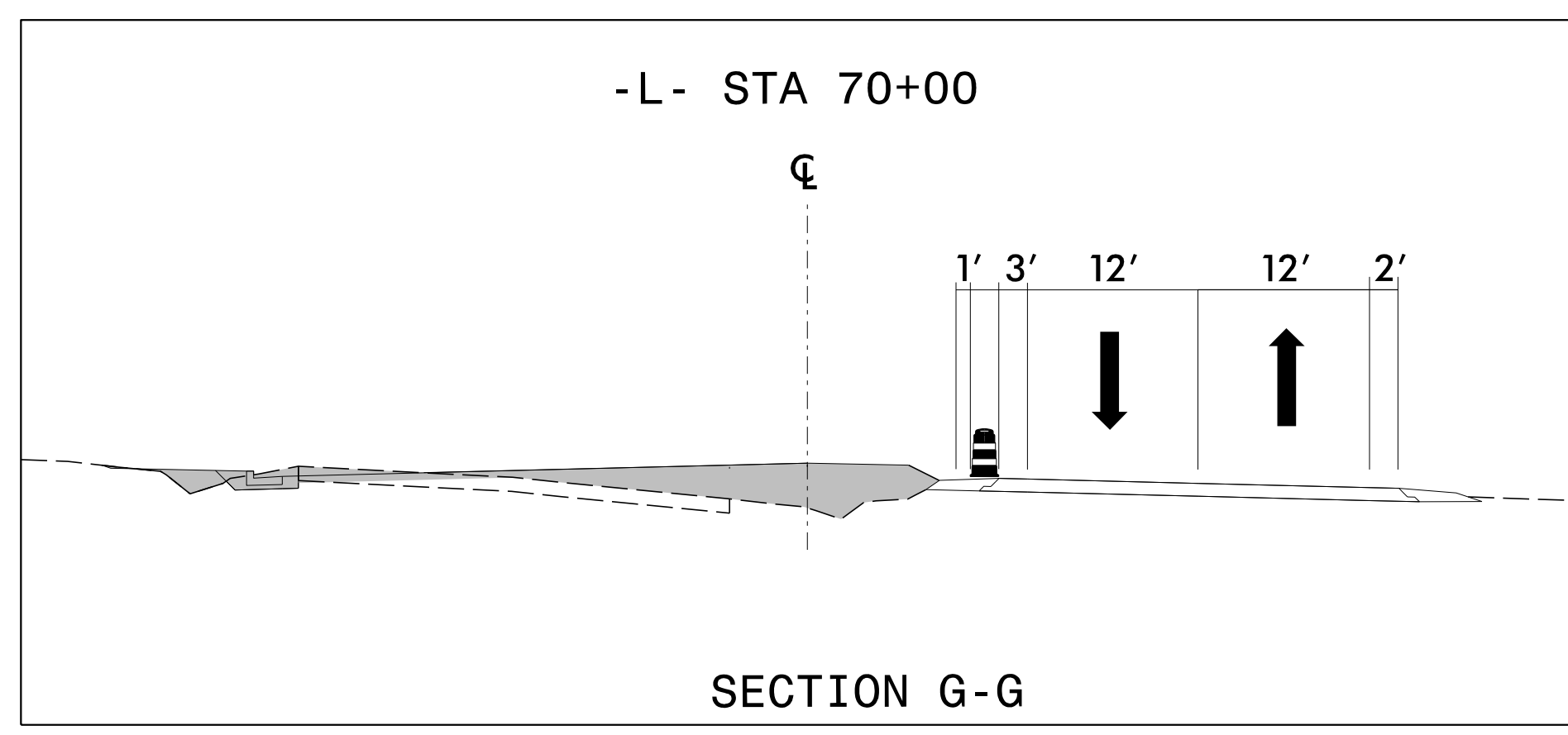
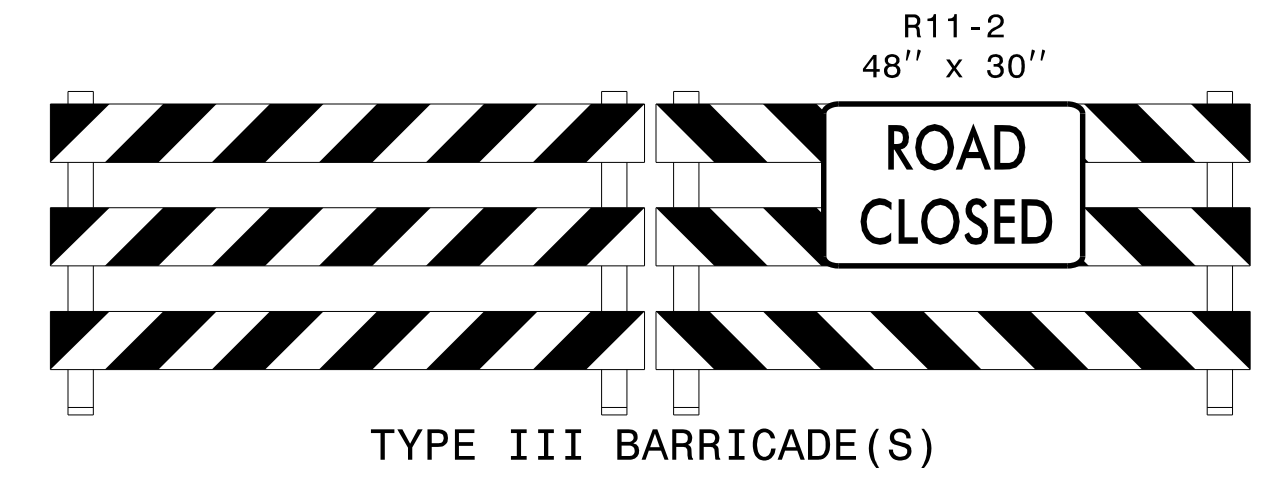
PHASE II
DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-9



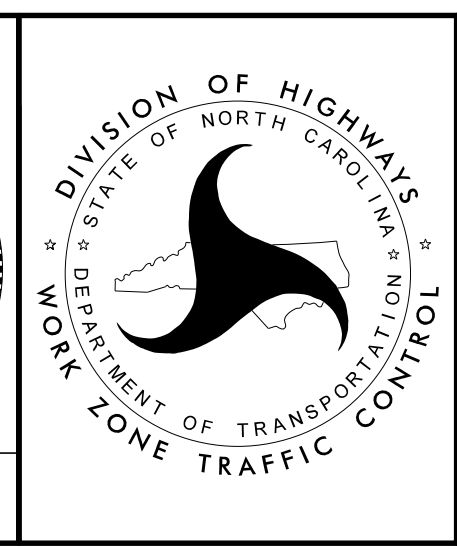
INSTALL TEMPORARY GUARDRAIL
 INSTALL TEMPORARY GUARDRAIL AND
 LAP FOR 2-LANE, 2-WAY TRAFFIC



1

APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

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 UNLESS ALL SIGNATURES COMPLETED**



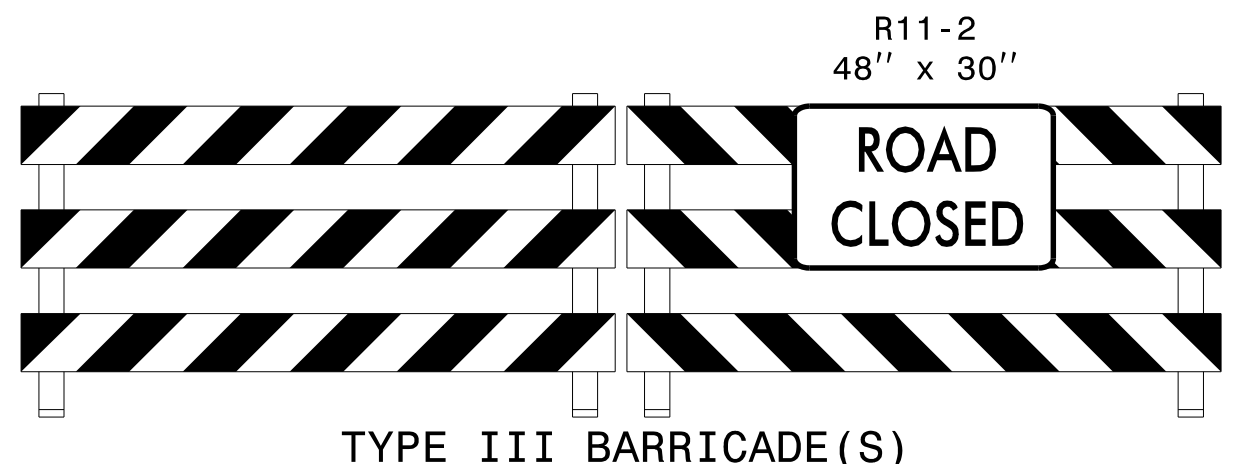
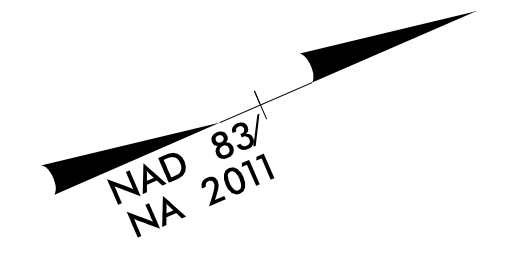
PHASE II
DETAILS

1/6/2022
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User:McLaughlin

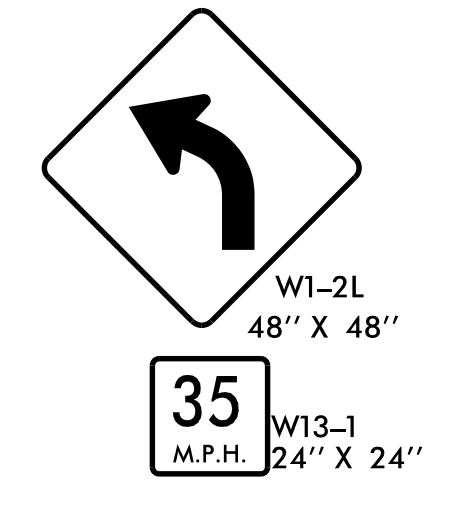




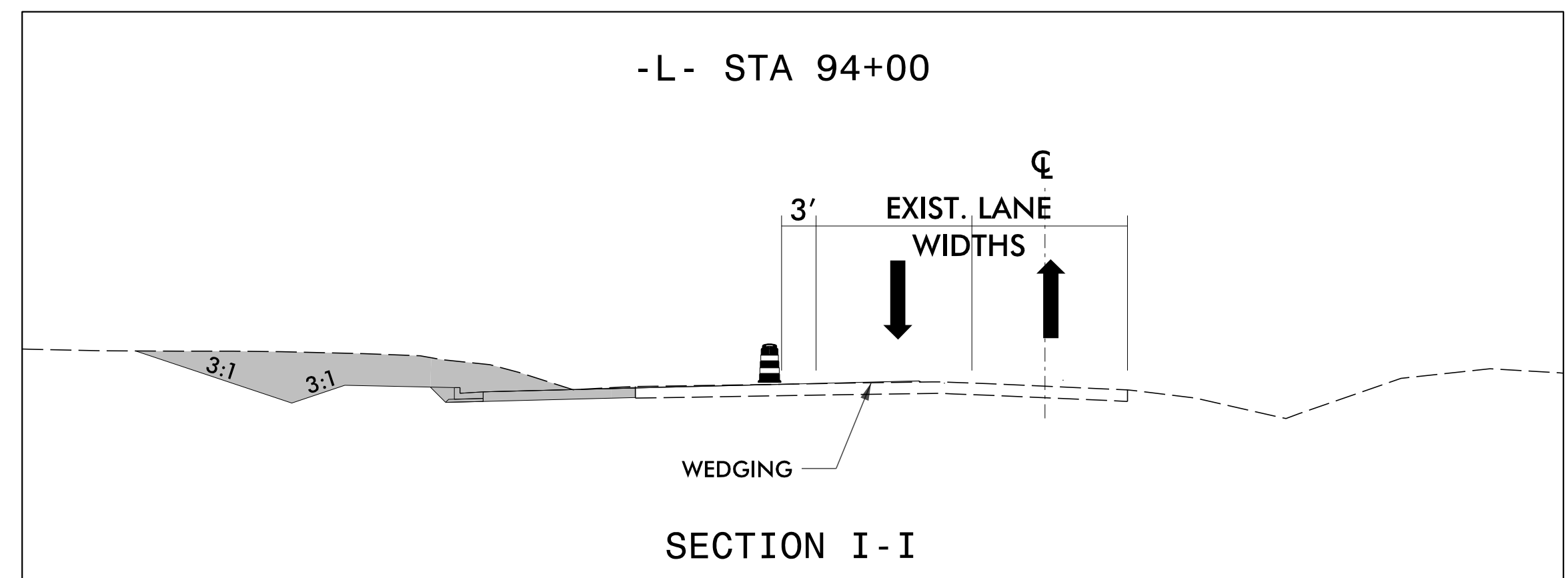
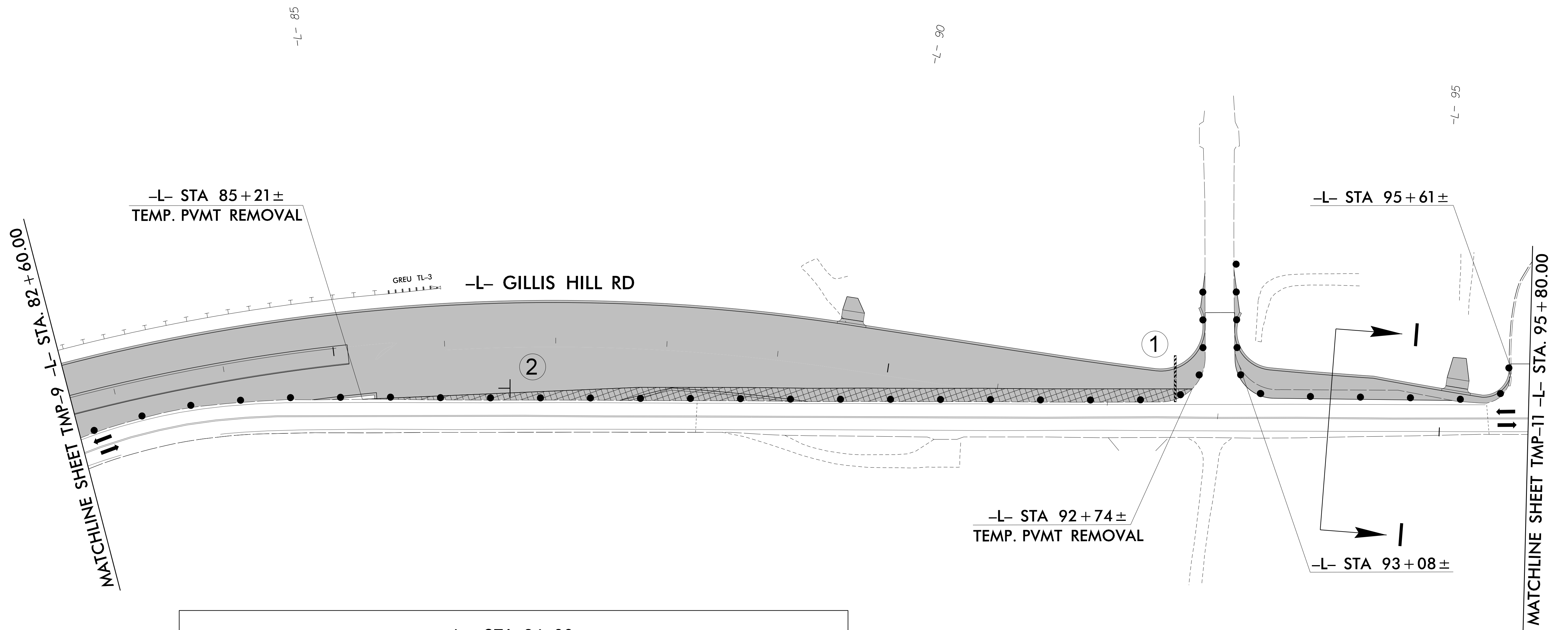
PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-10



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1/6/2022 R:\IT\atf\tr\of\fic\con\tr\o\NCP\U5798A_tmp.pii.dtl_04.dgn User:McLaughR

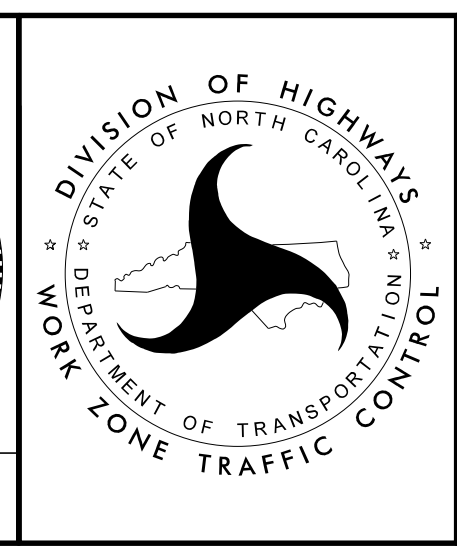


APPROVED: *Jason M. Talley*

DATE: 1/16/2022

PROFESSIONAL SEAL 029473 ENGINEER JASON M. TALLEY

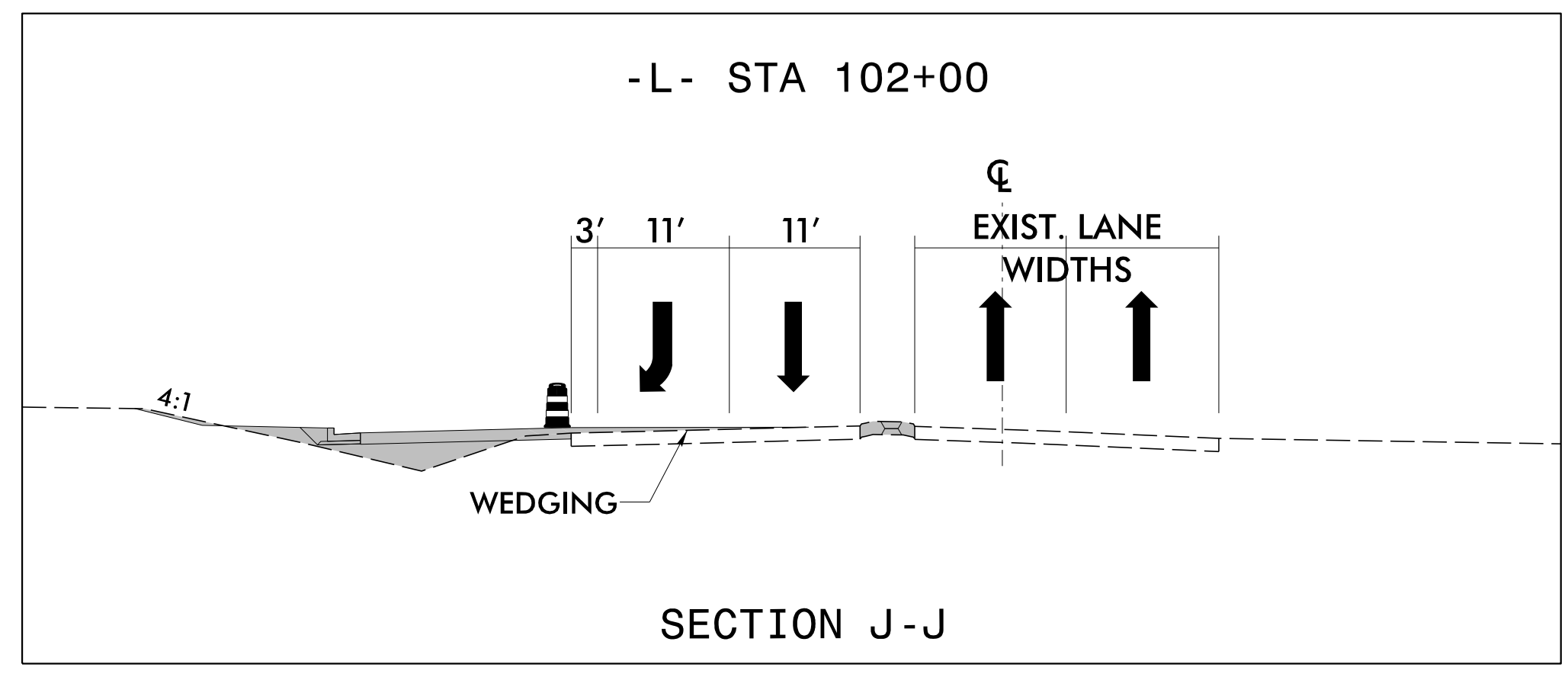
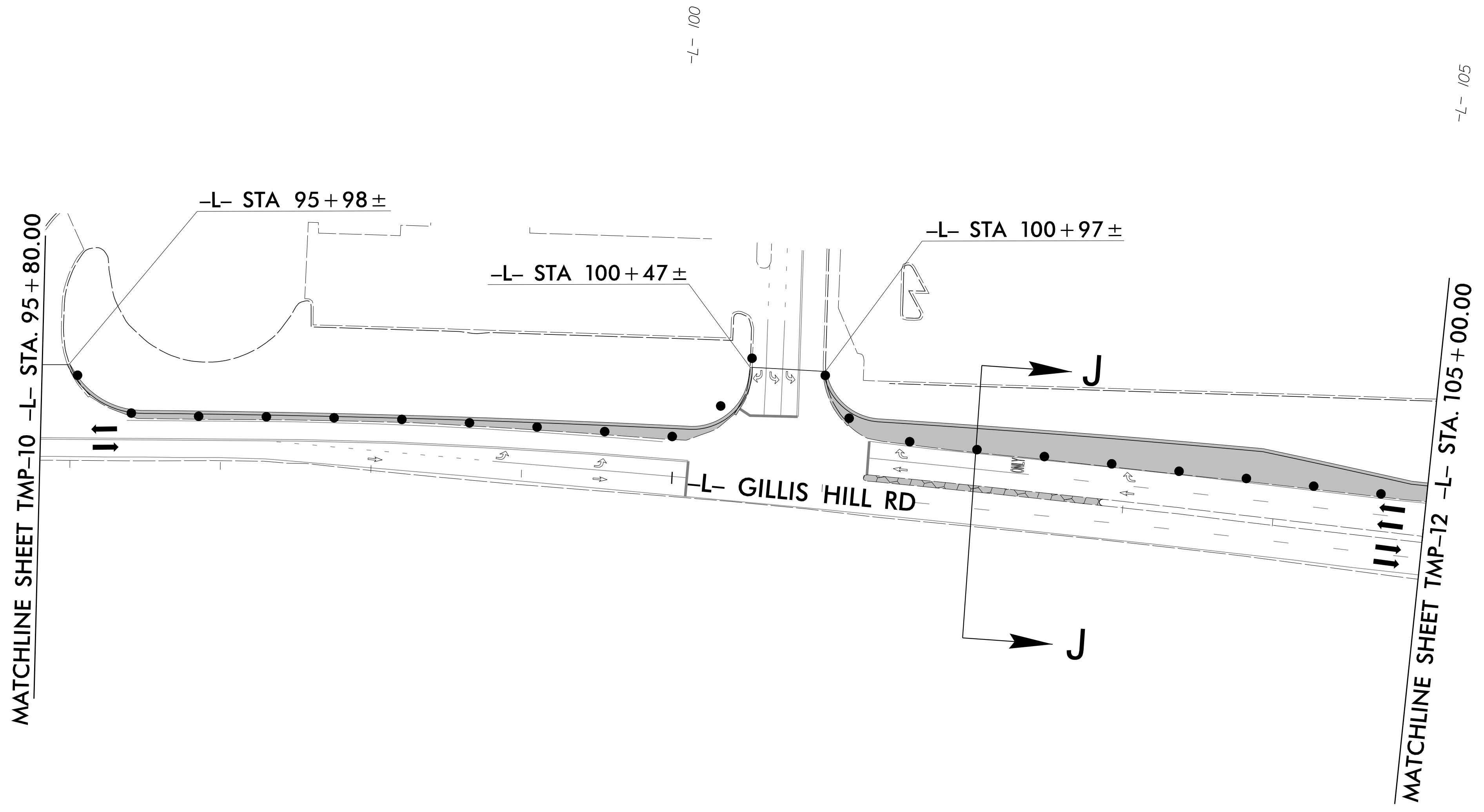
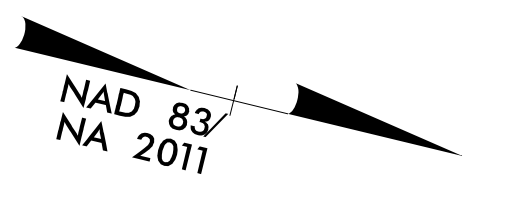
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PHASE II DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-11

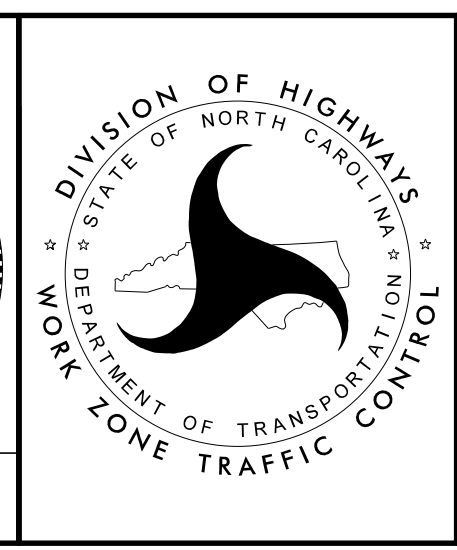


1/6/2022
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 User:McLaughR



APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

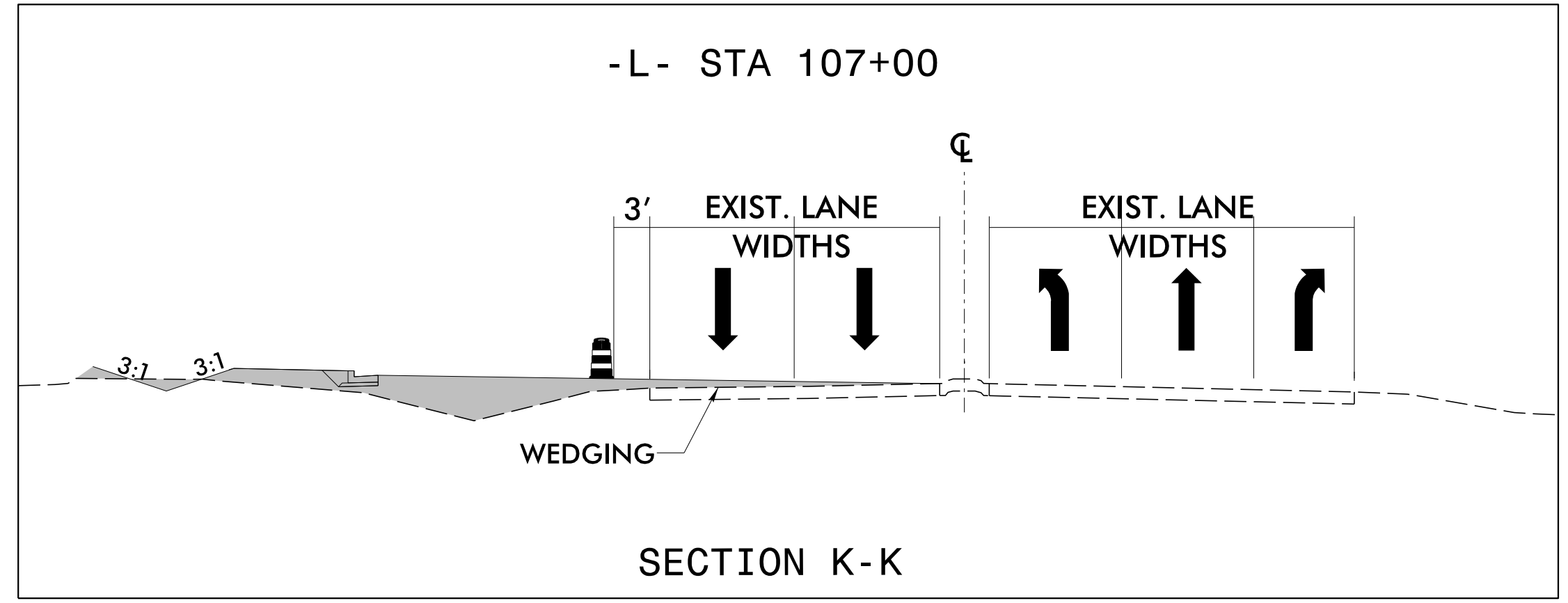
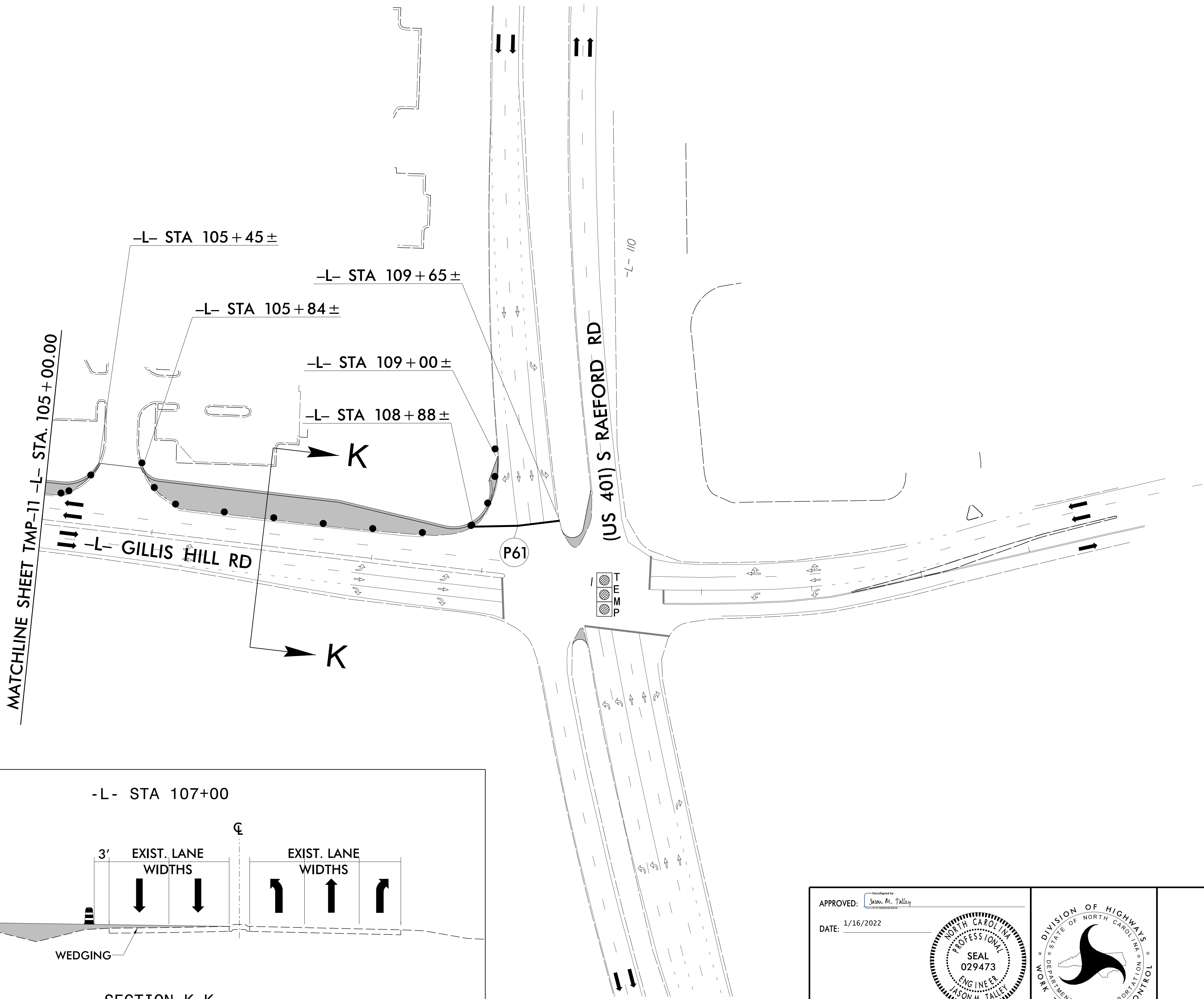
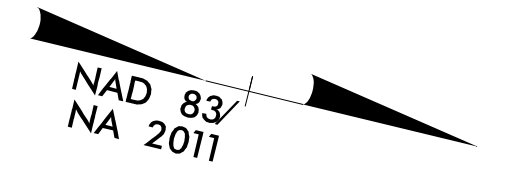
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PHASE II
 DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-12

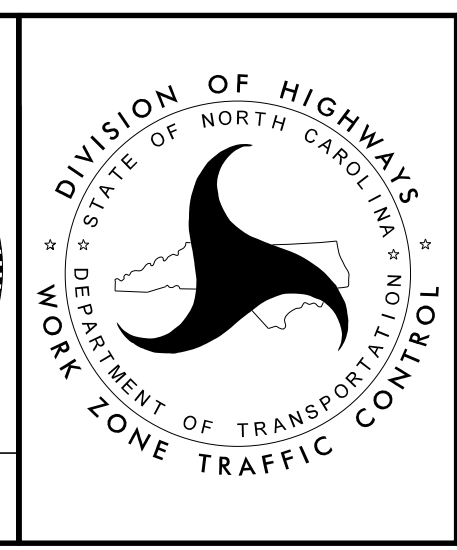


1/6/2022
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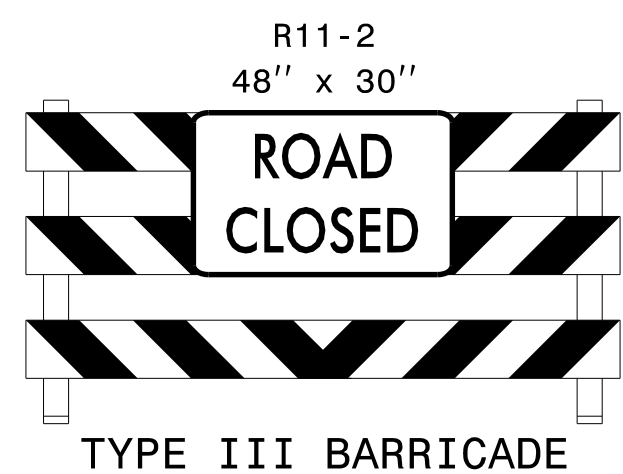
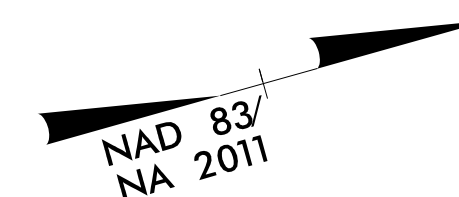


APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

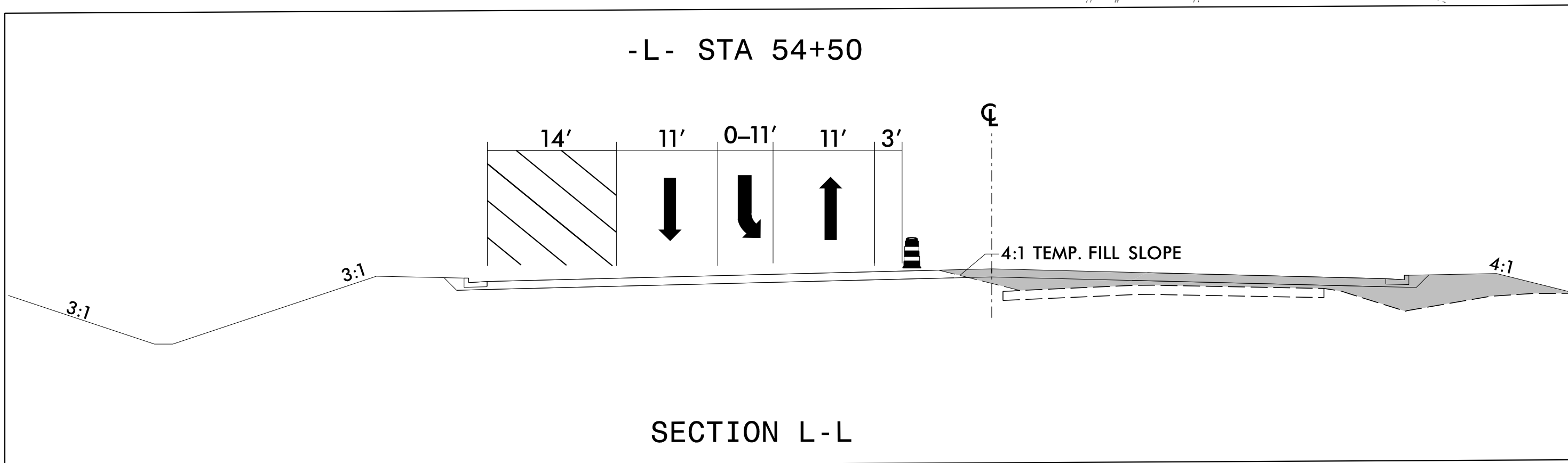
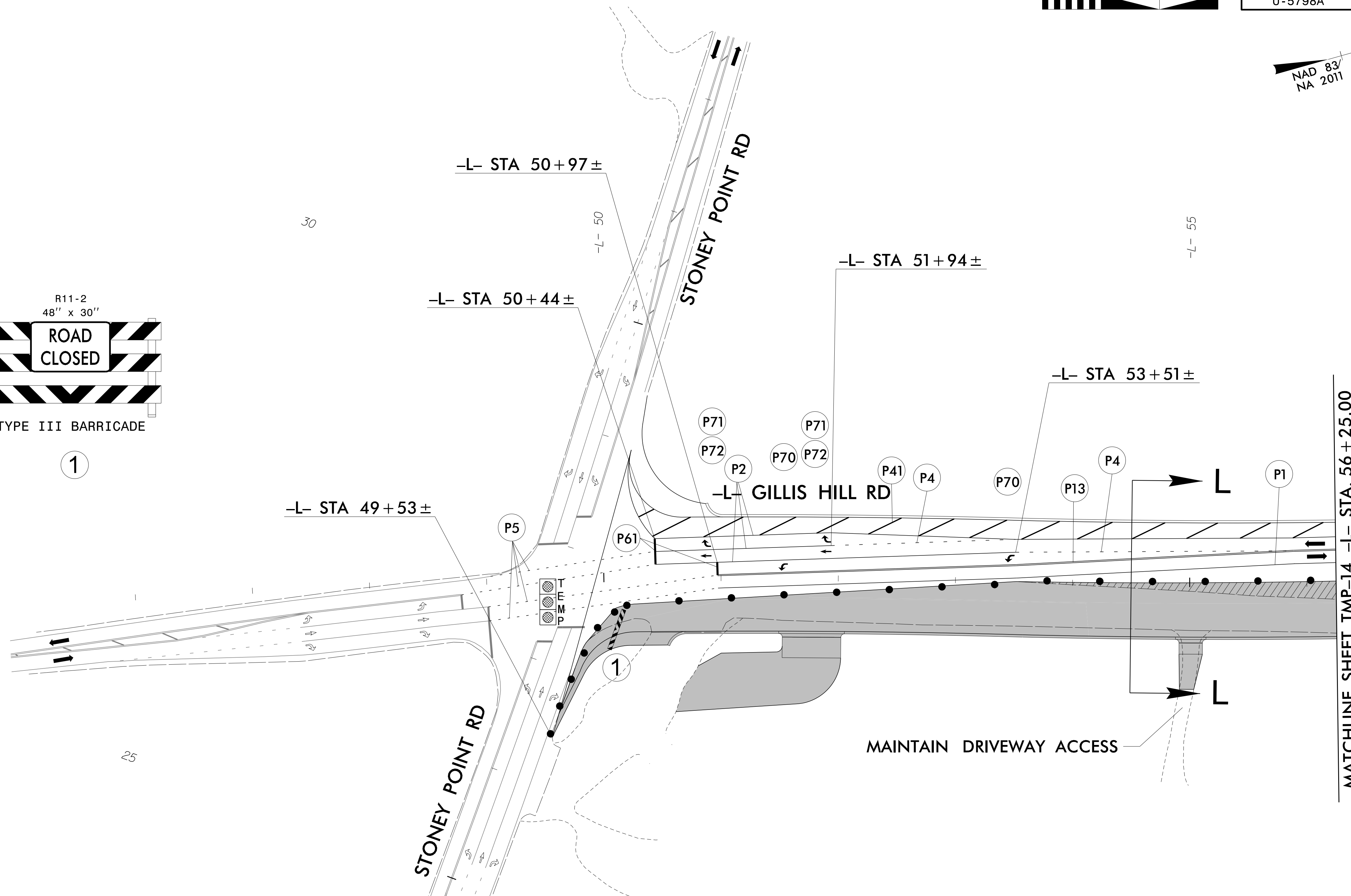
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**PHASE II
DETAILS**



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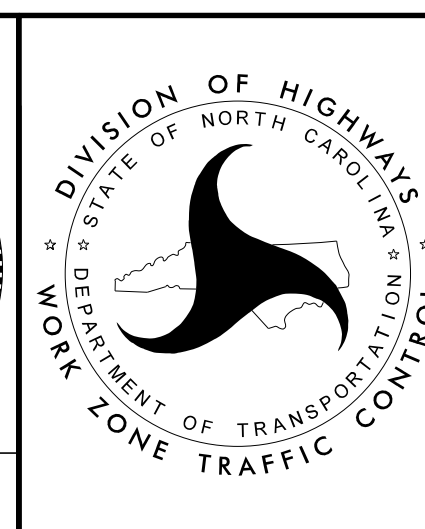
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 User:McLaughR



APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

PROFESSIONAL SEAL
 029473
 ENGINEER
 JASON M. TALLEY

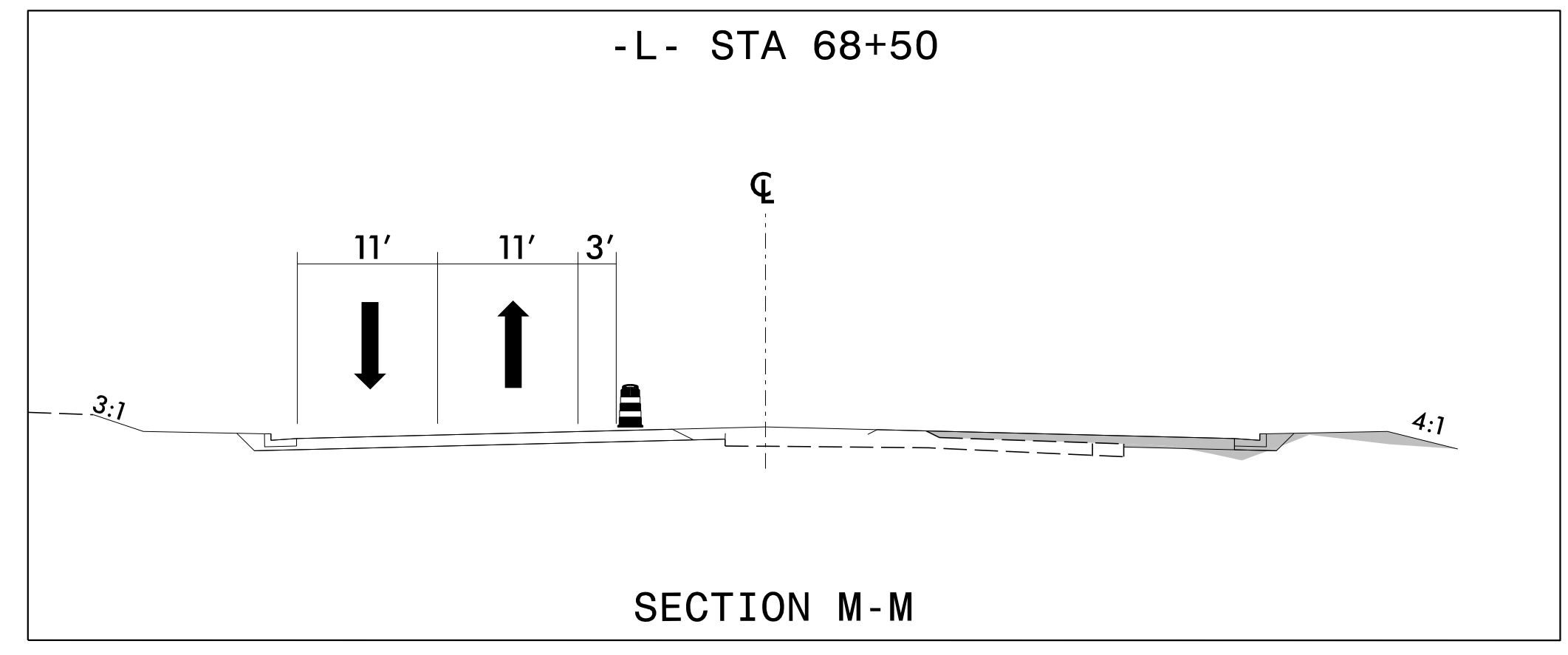
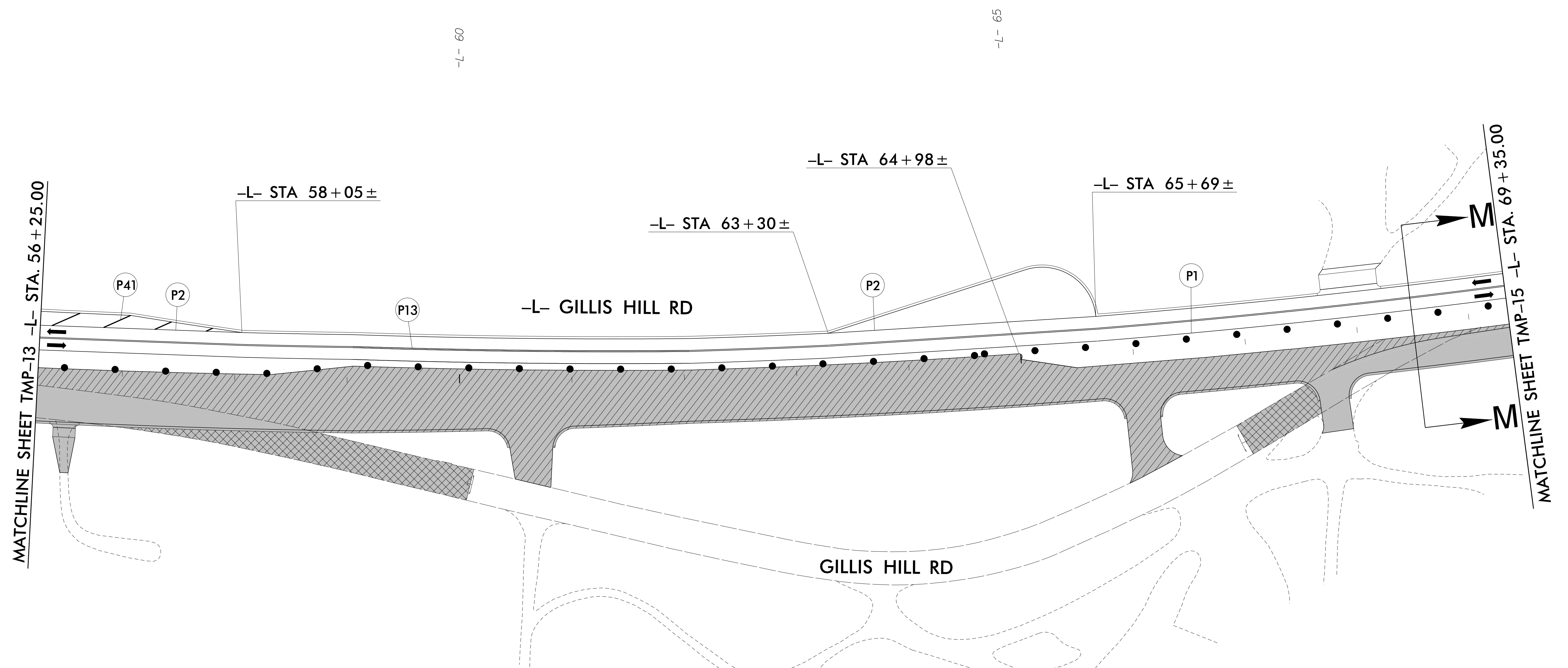
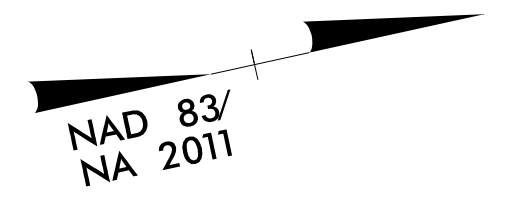
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 UNLESS ALL SIGNATURES COMPLETED**



PHASE III
 DETAILS



PROJ. REFERENCE NO. U-5798A	SHEET NO. TMP-14
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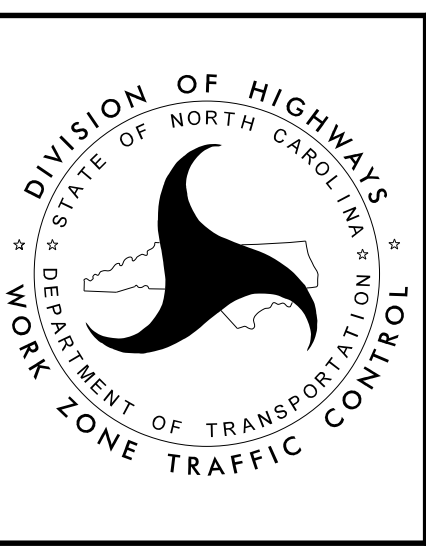


1/6/2022
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 User:McLaughR



APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

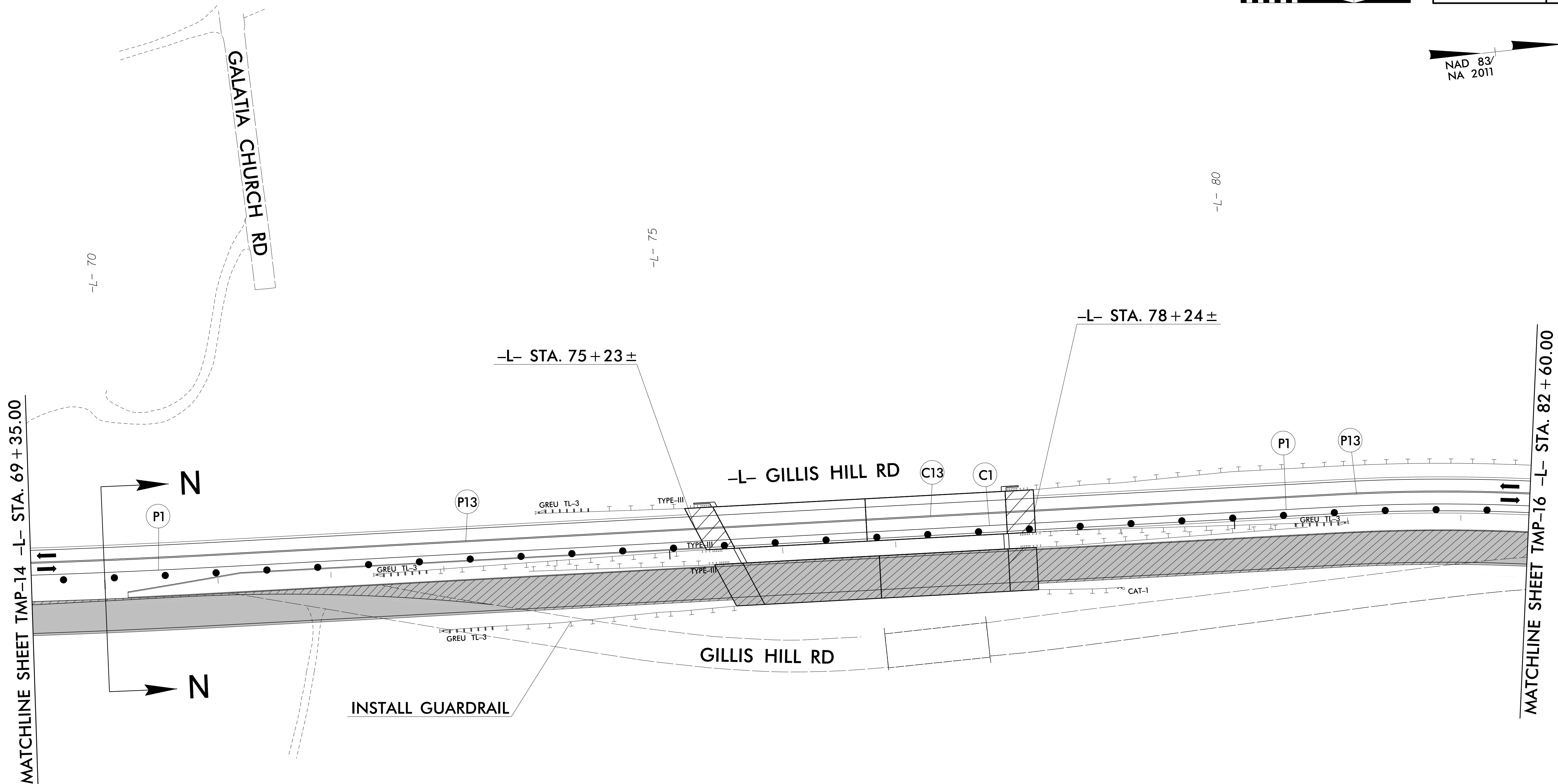
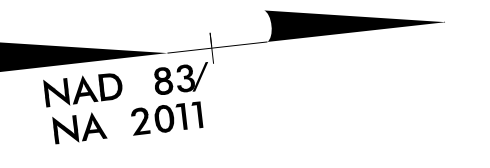
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



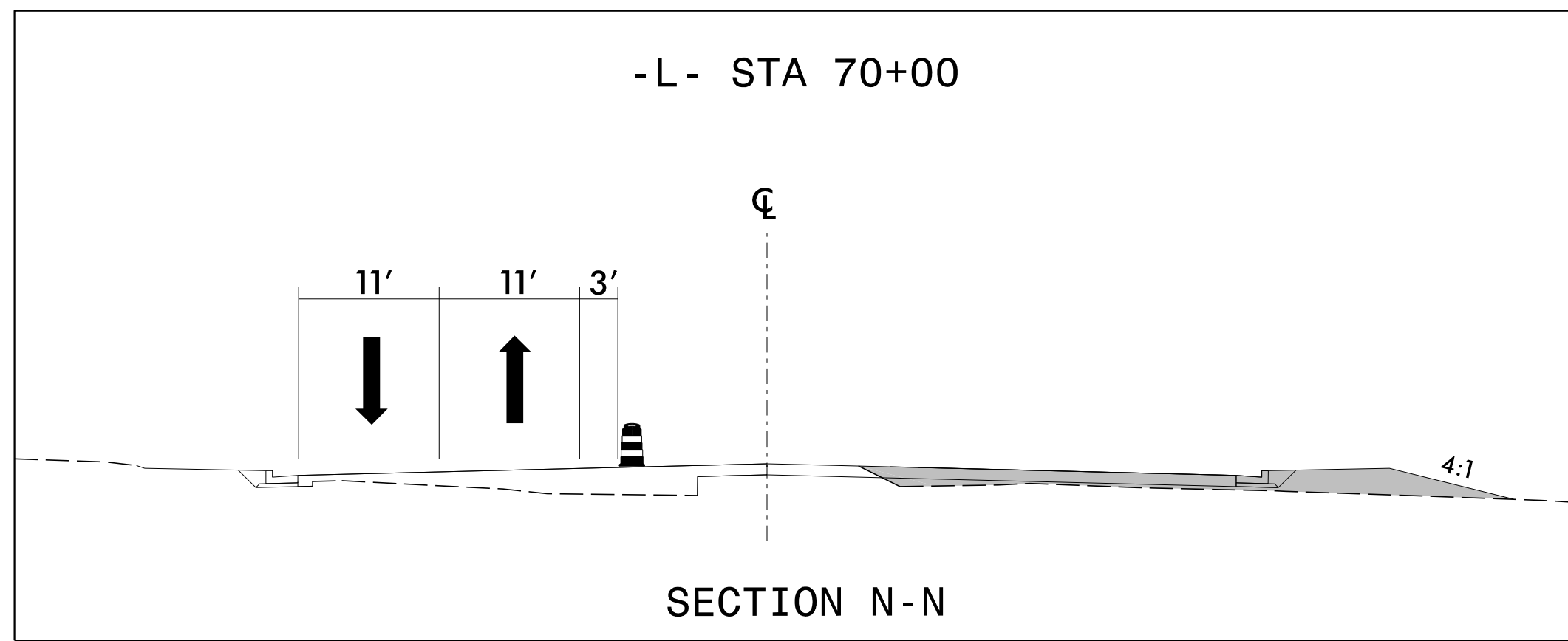
PHASE III
 DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-15



INSTALL GUARDRAIL



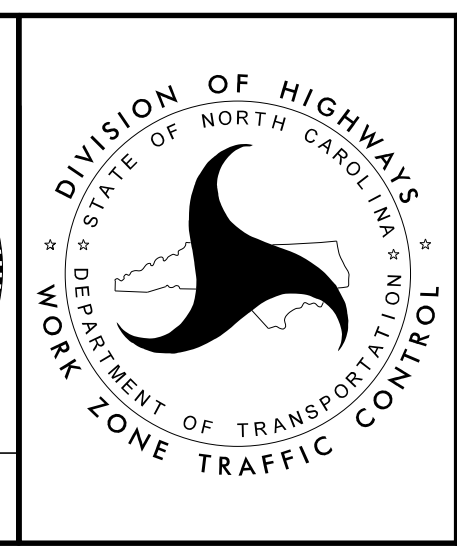
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 User:McLaughR



APPROVED: *Jason M. Talley*

DATE: 1/16/2022

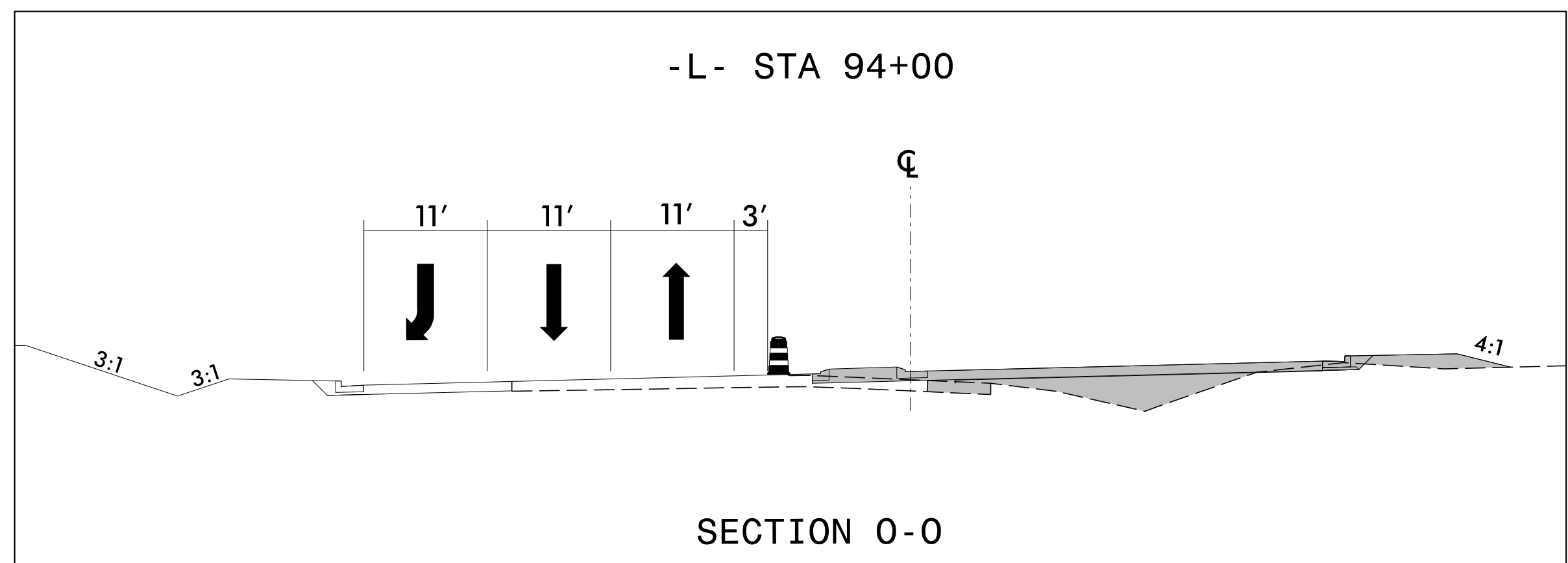
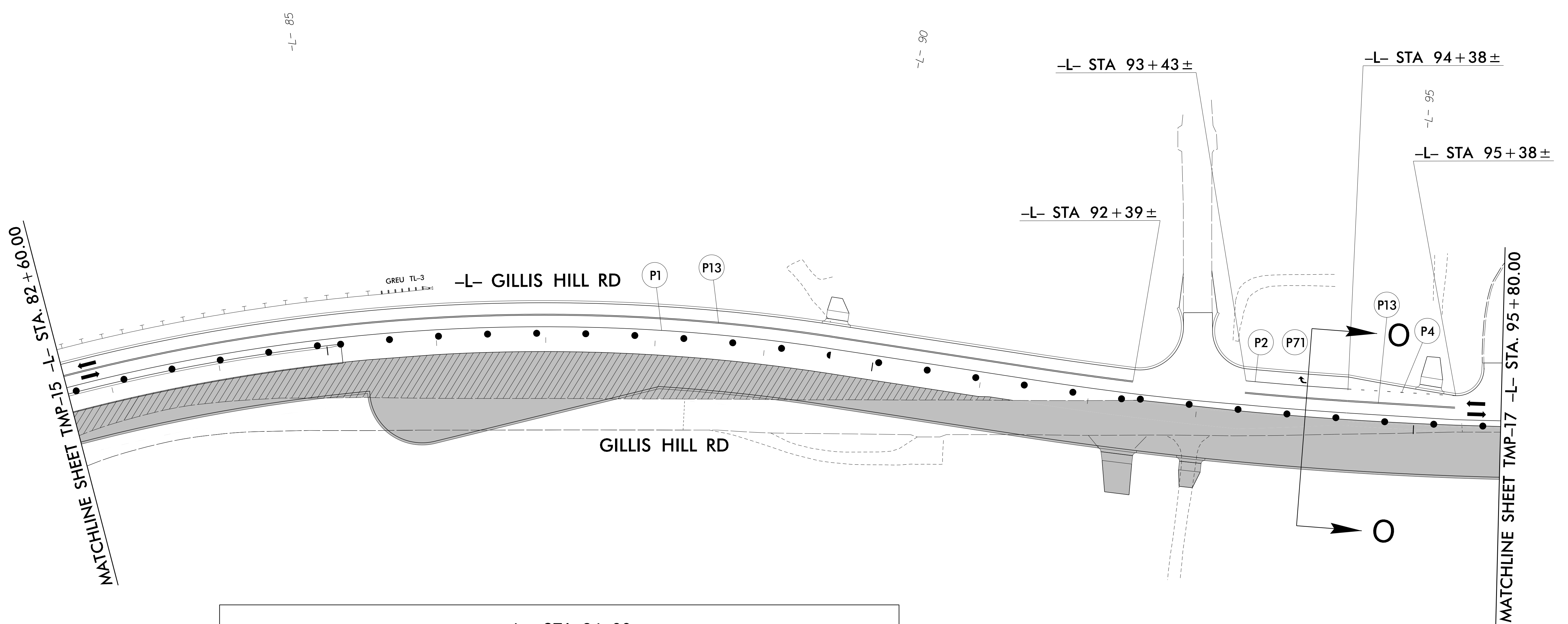
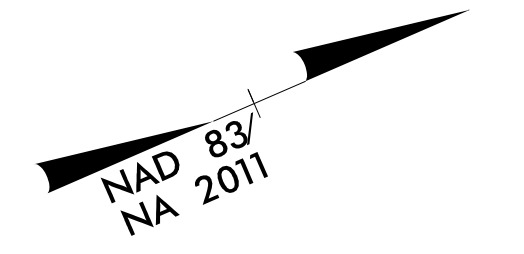
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



PHASE III
DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-16



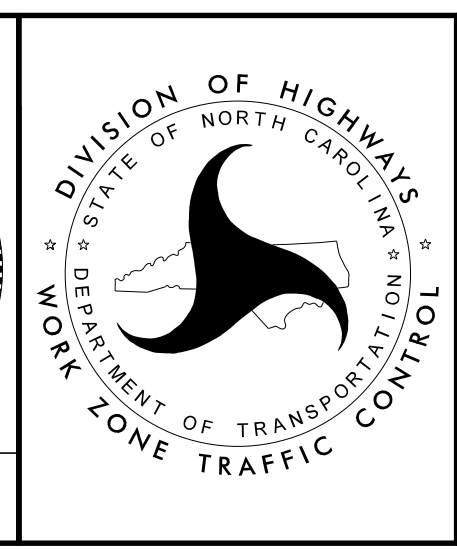
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 User:McLaughR



APPROVED: *Jason M. Talley*

DATE: 1/16/2022

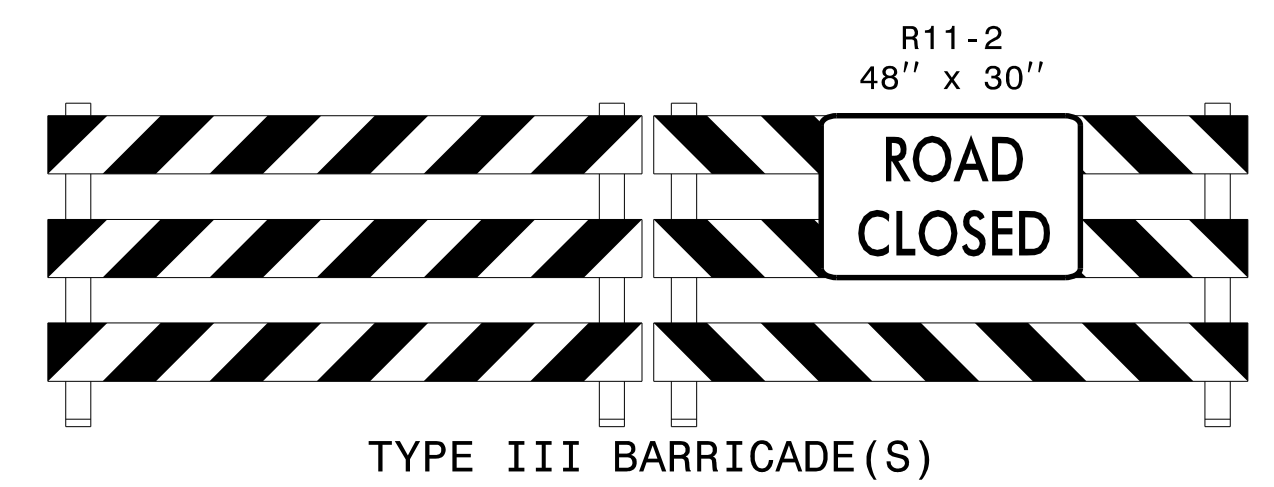
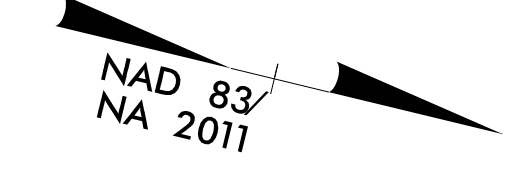
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



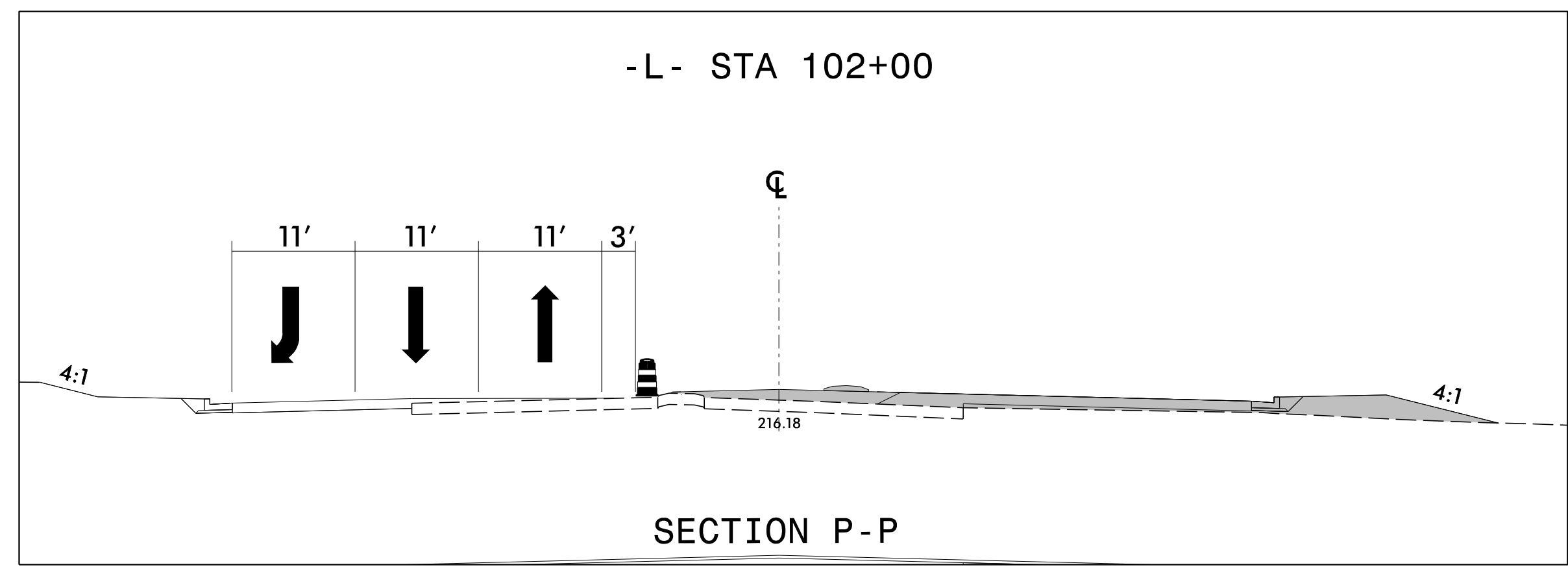
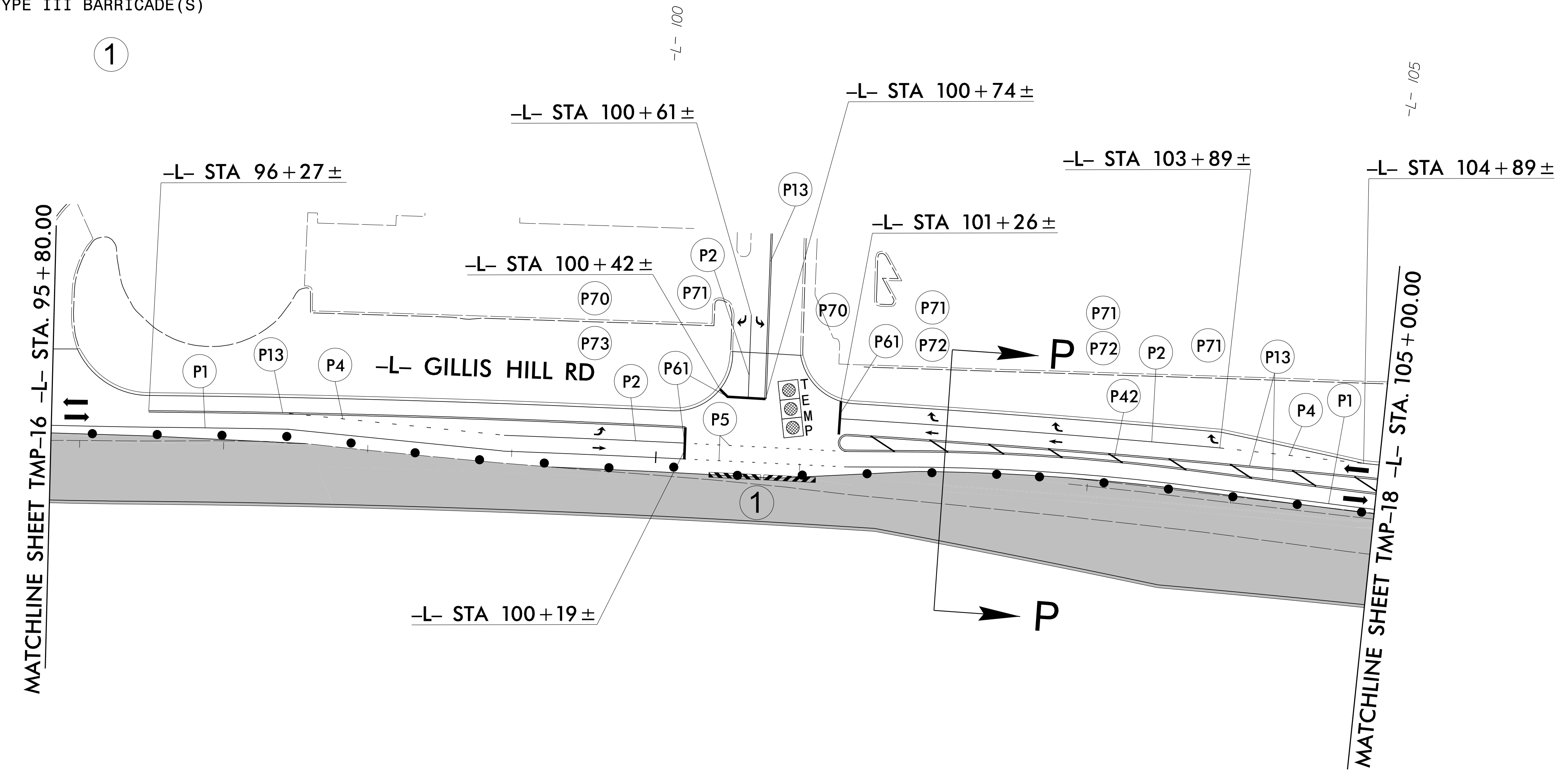
PHASE III
DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-17



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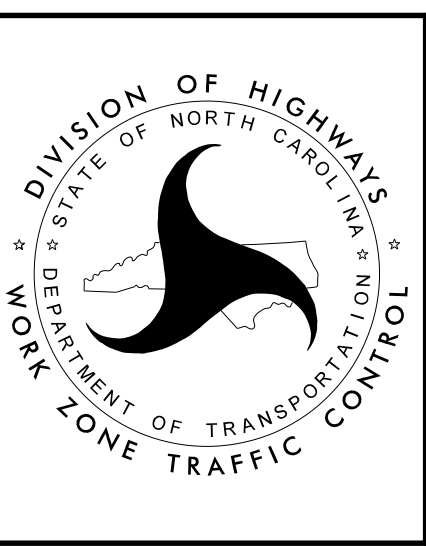


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DATE: 1/16/2022

PROFESSIONAL
SEAL
029473
ENGINEER
JASON M. TALLEY

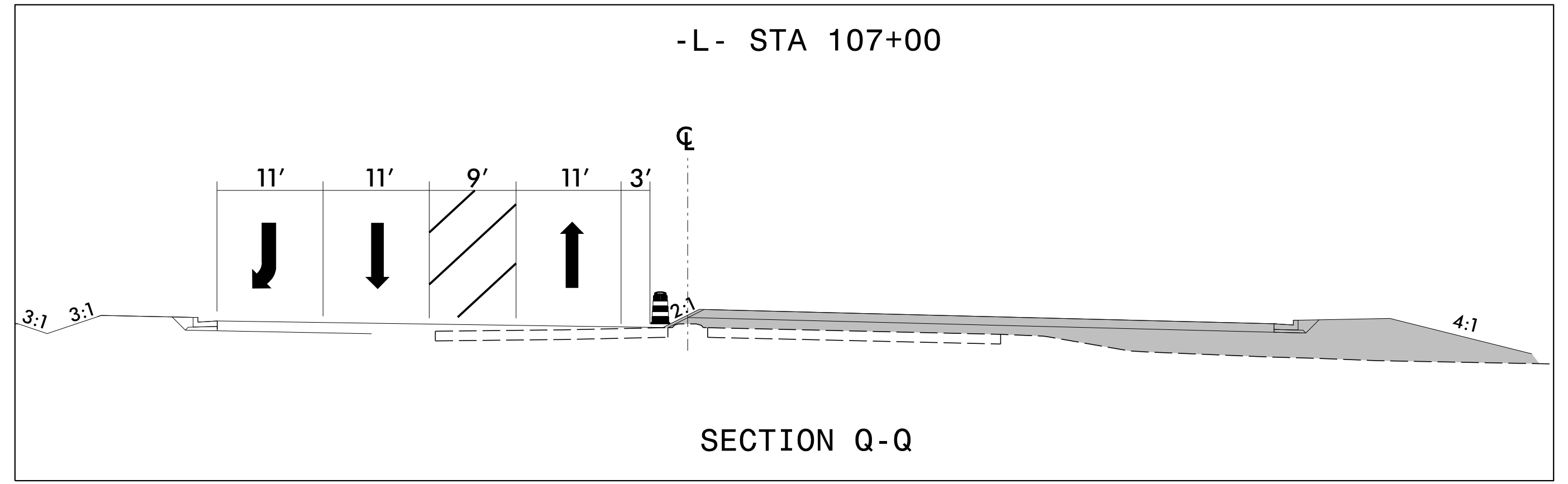
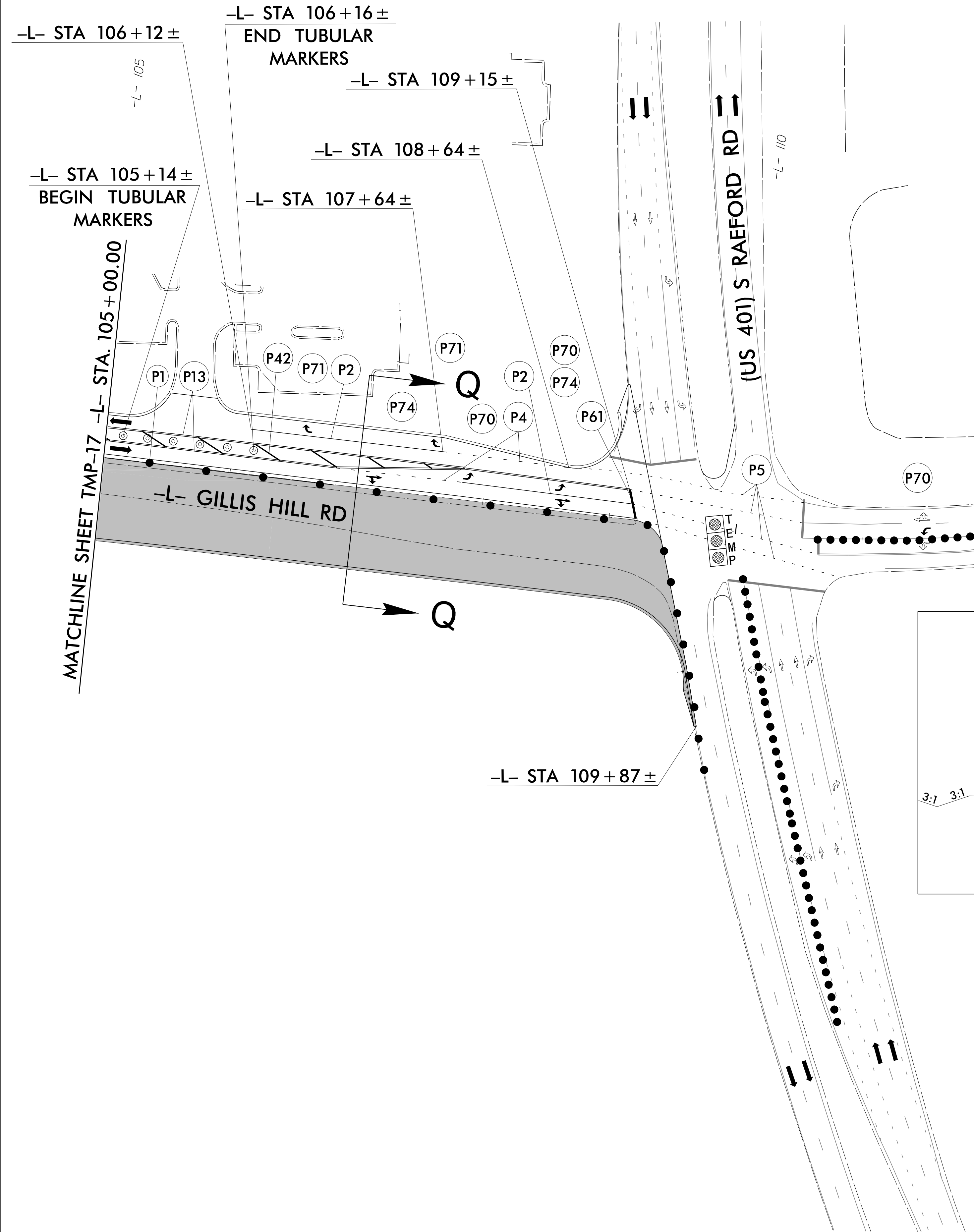
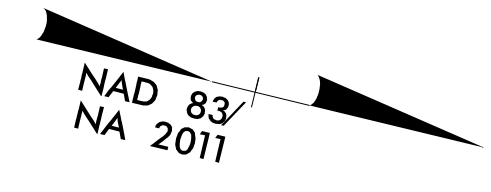
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UNLESS ALL SIGNATURES COMPLETED**



PHASE III
DETAILS

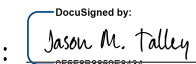


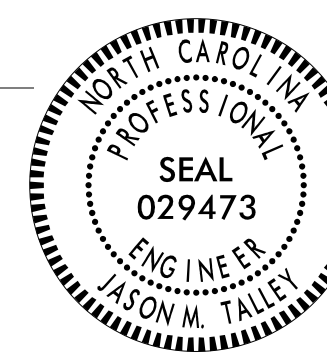
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U-5798A	TMP-18



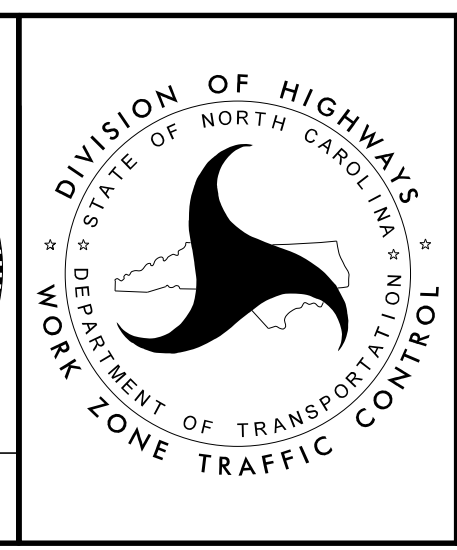
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APPROVED: 
 DATE: 1/16/2022



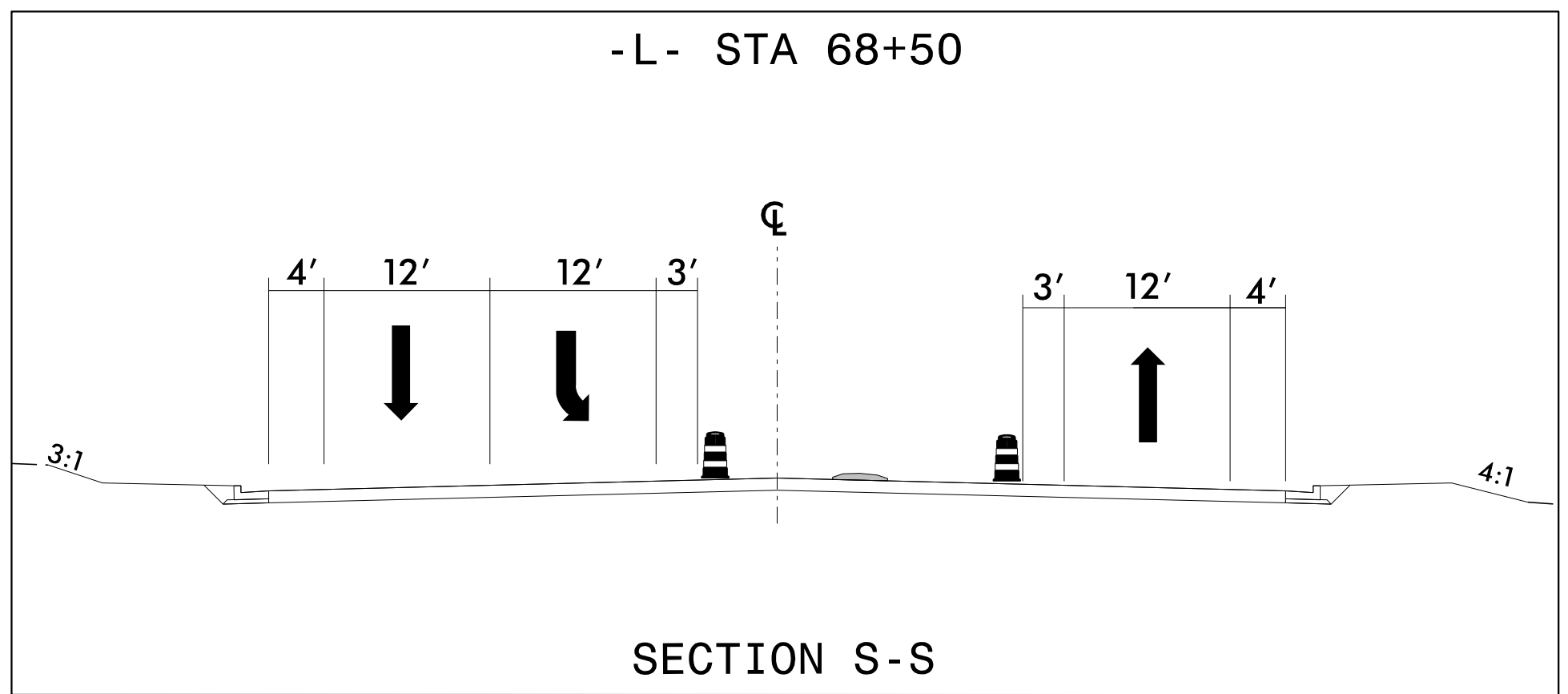
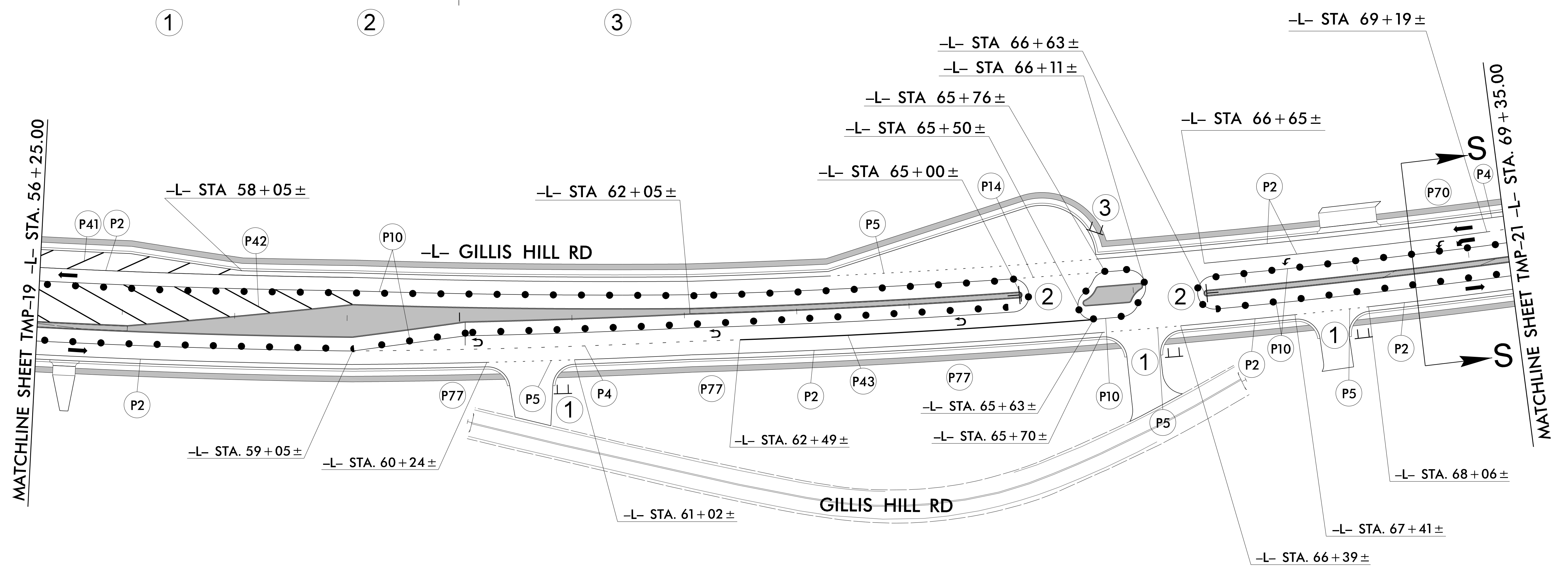
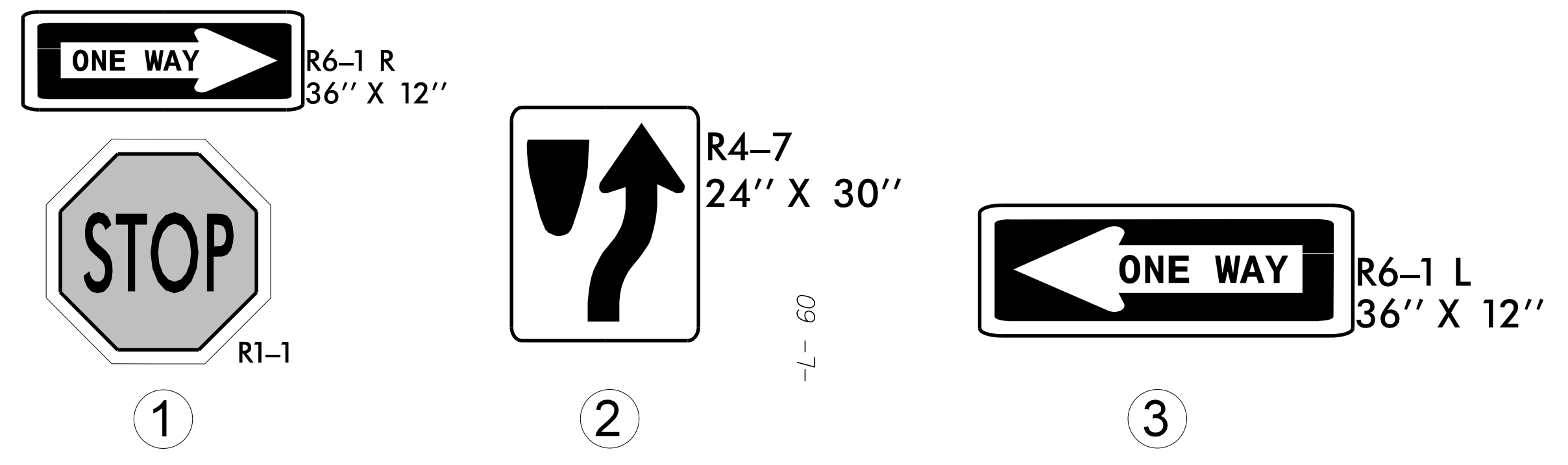
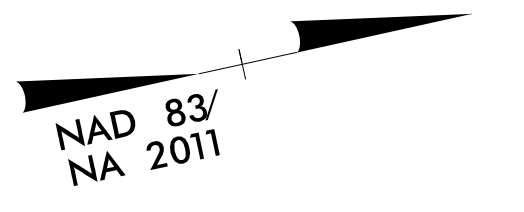
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PHASE III
DETAILS



PROJ. REFERENCE NO.	SHEET NO.
U-5798A	TMP-20

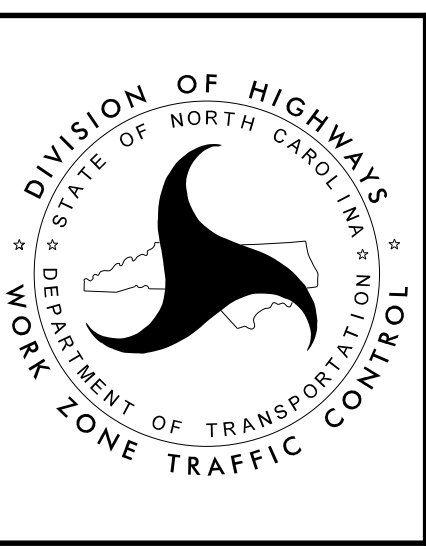


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APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

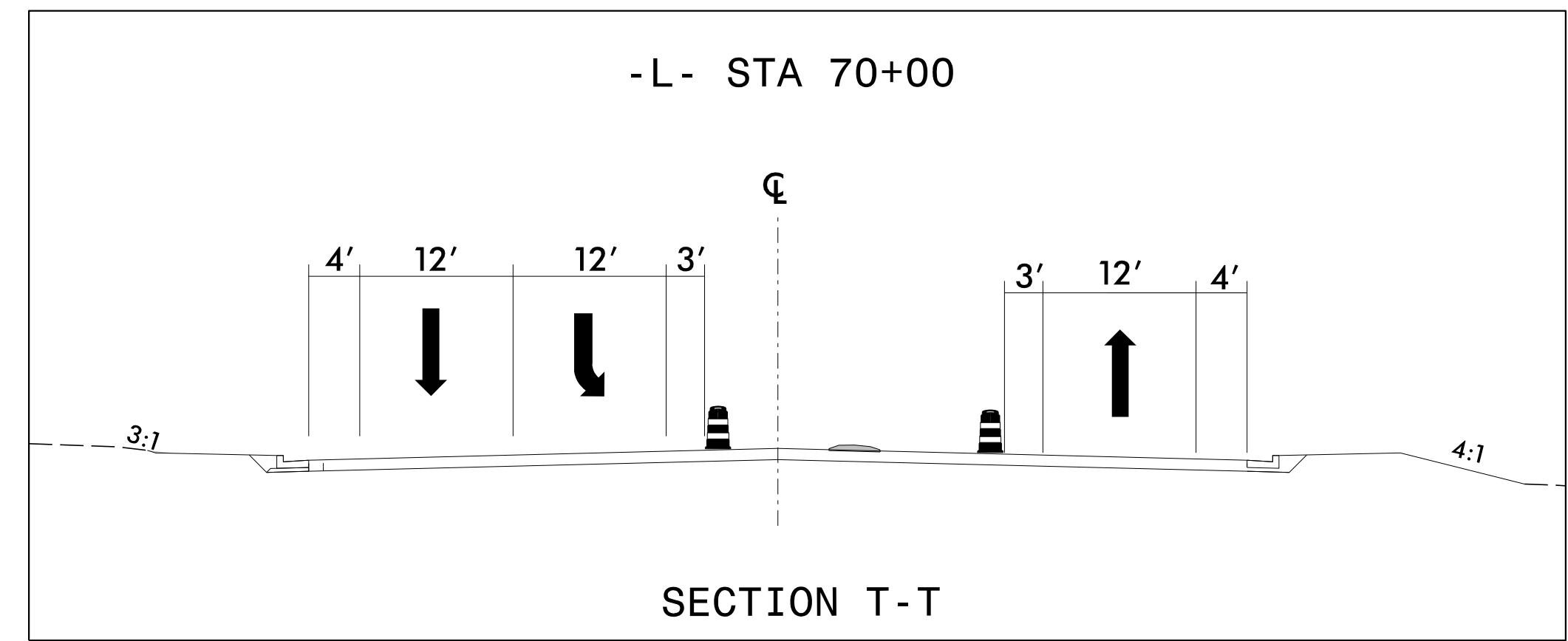
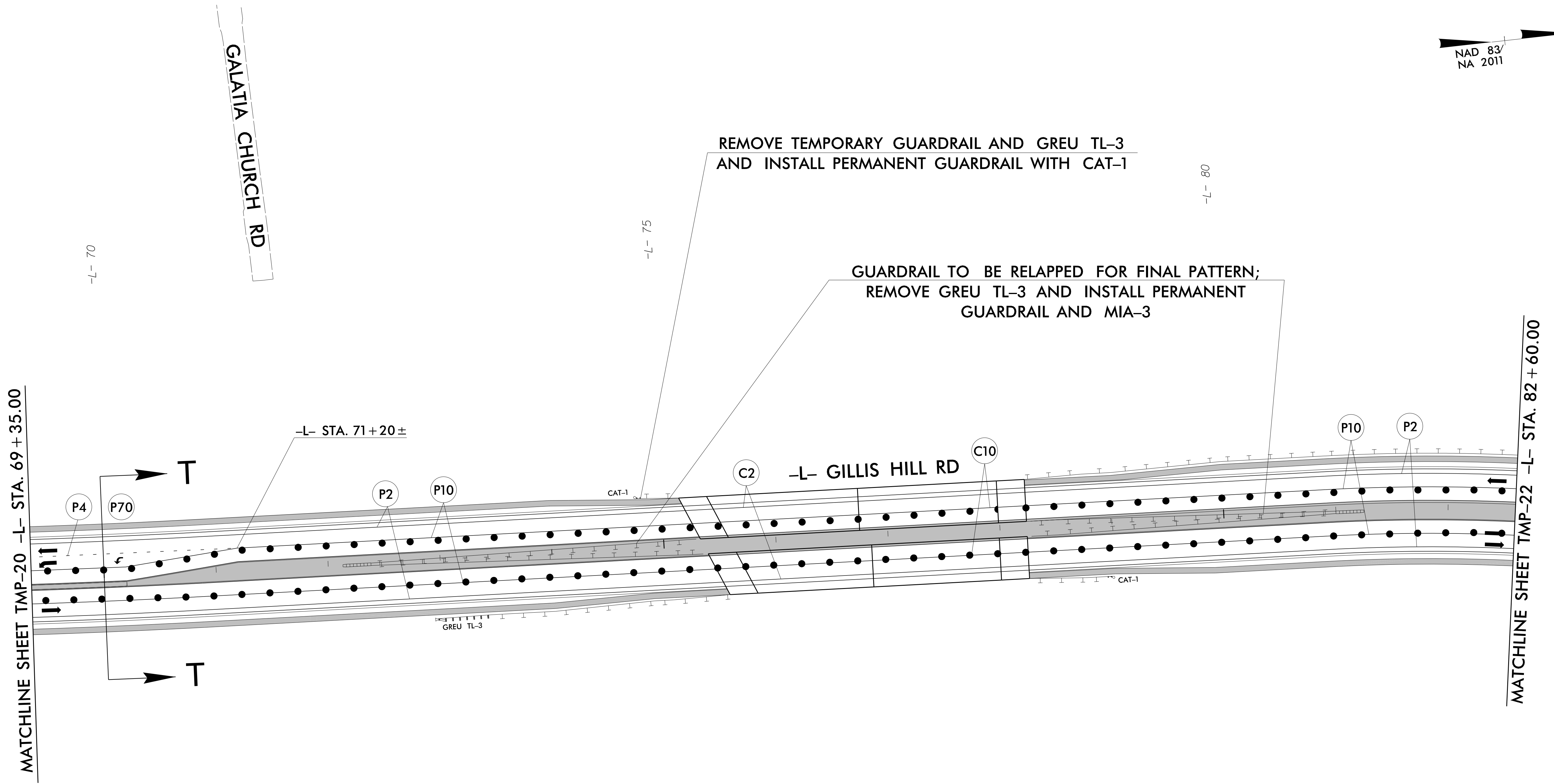
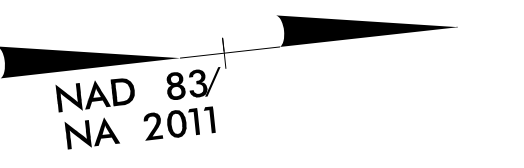
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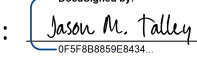
PHASE IV
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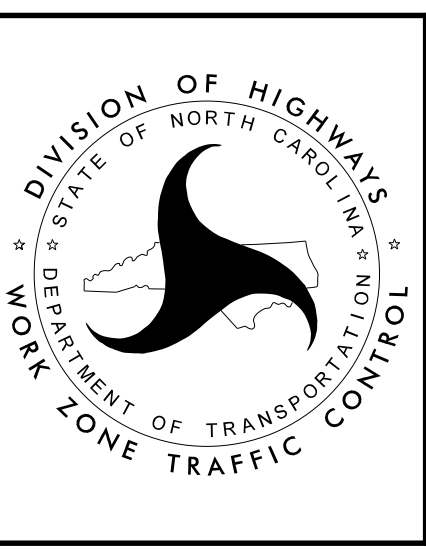


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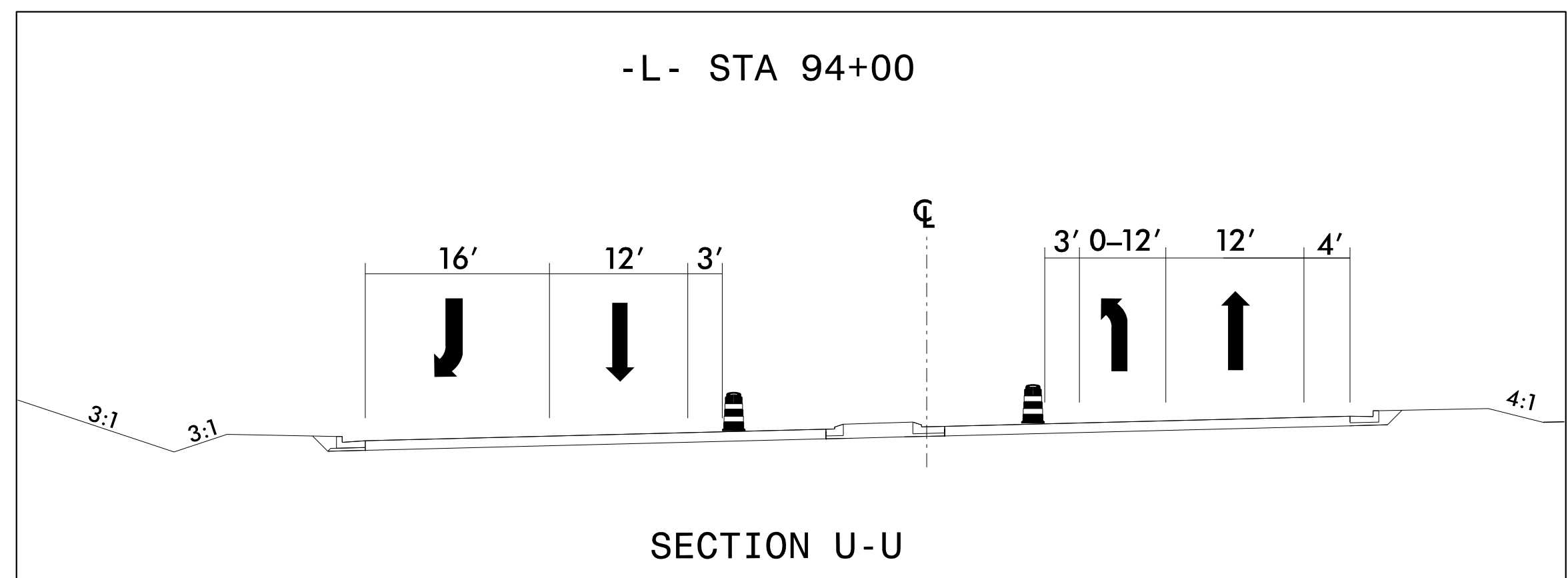
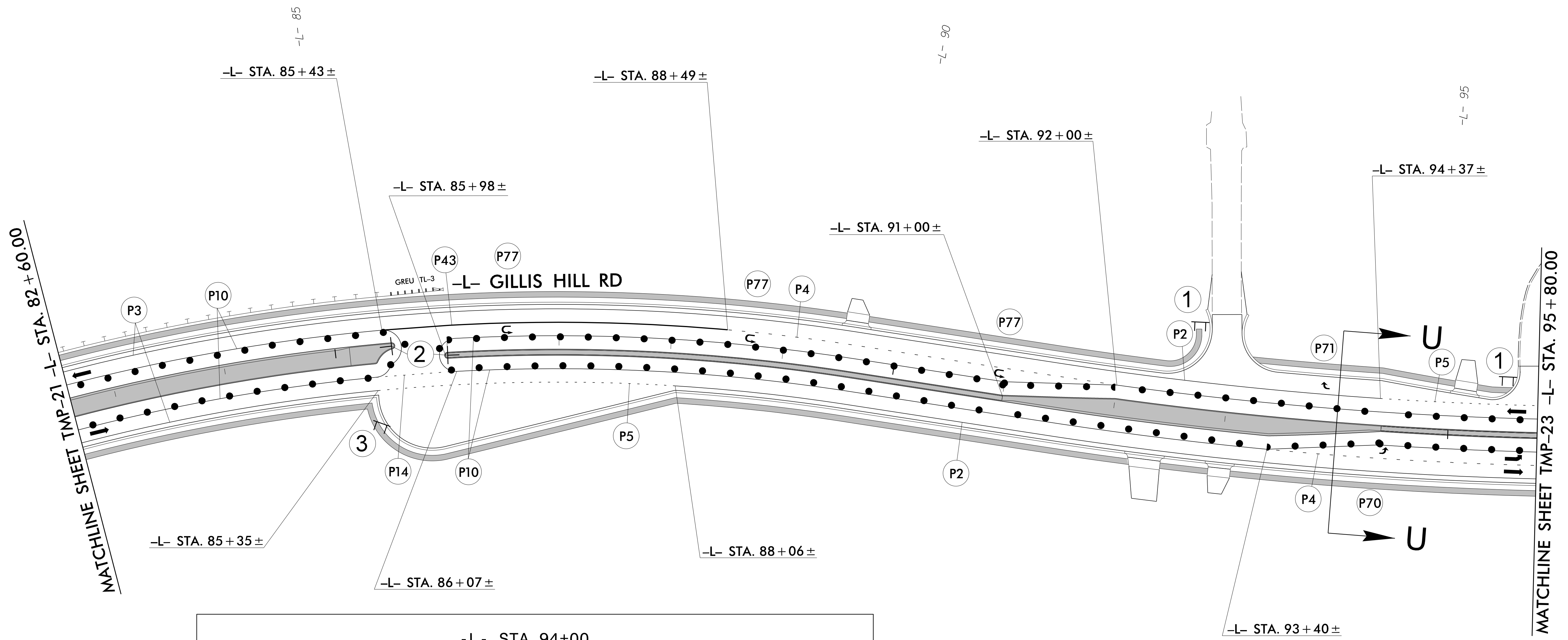
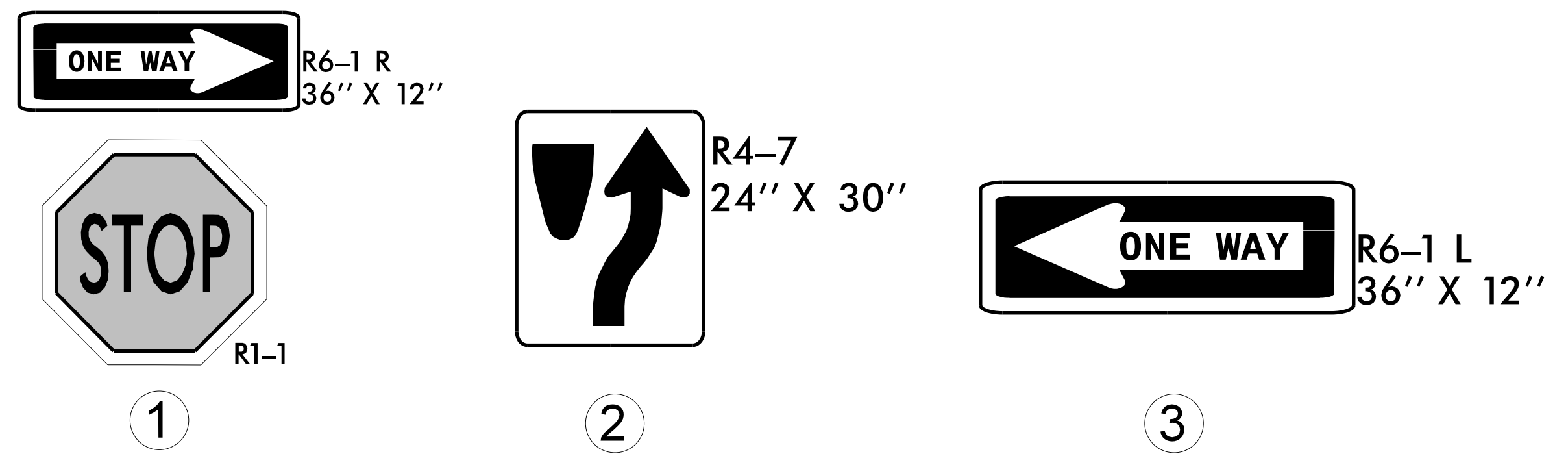
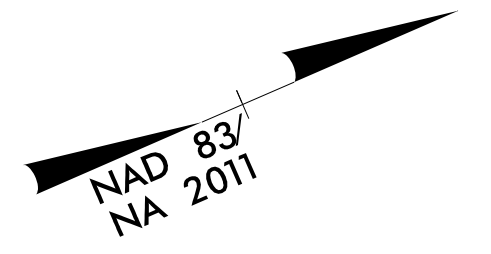


PHASE IV
DETAILS





PROJ. REFERENCE NO.	SHEET NO.
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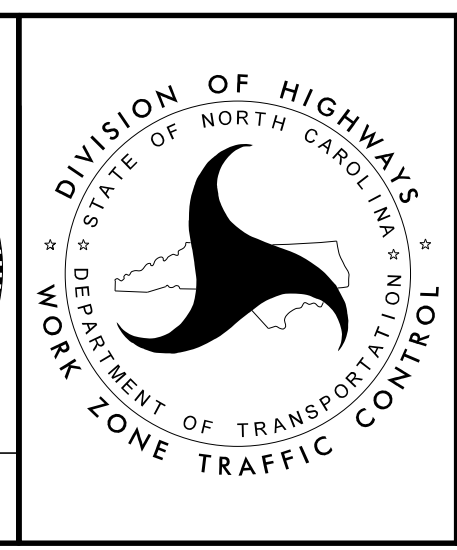


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 User:McLaughlin



APPROVED: *Jason M. Talley*
 DATE: 1/16/2022

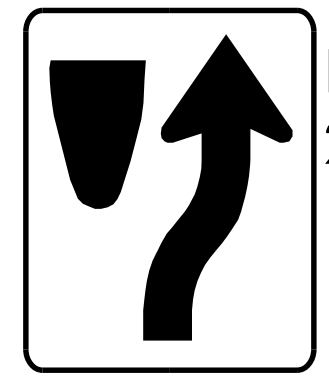
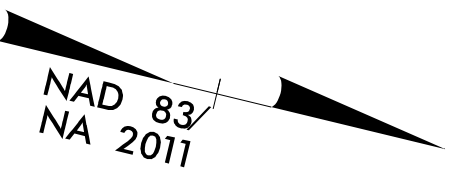
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PHASE IV
DETAILS

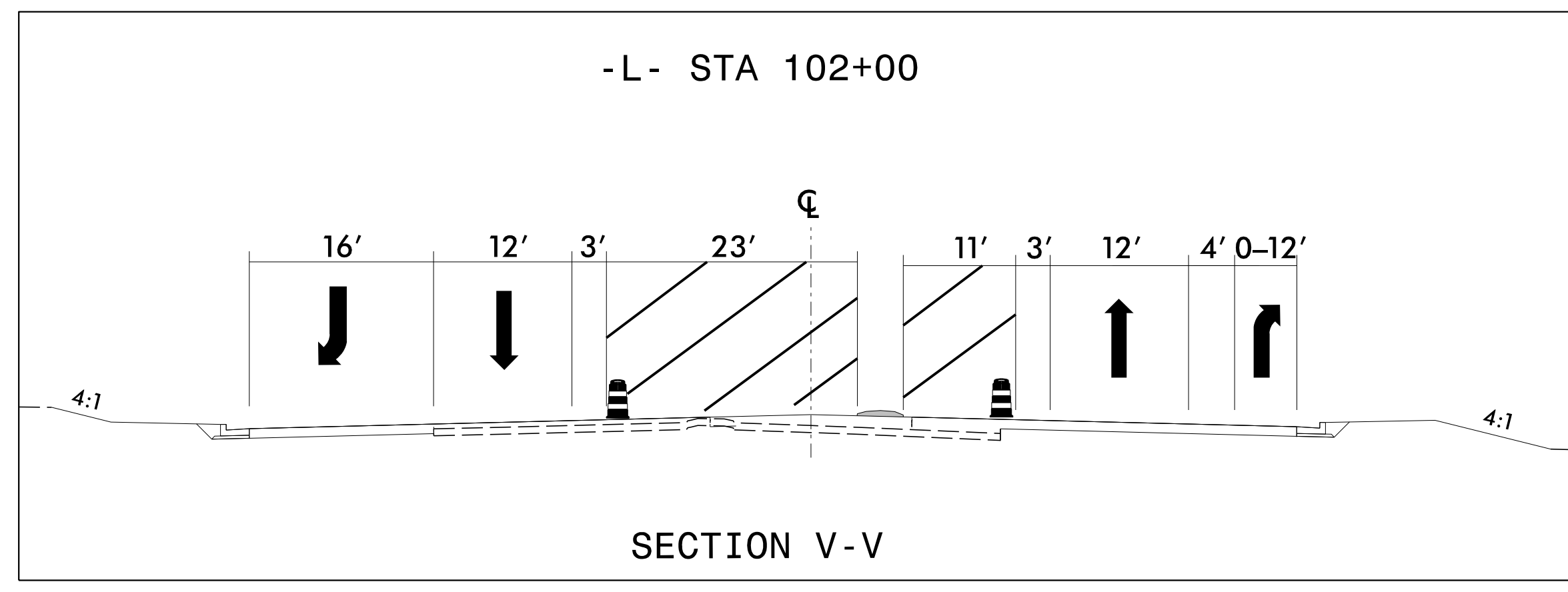
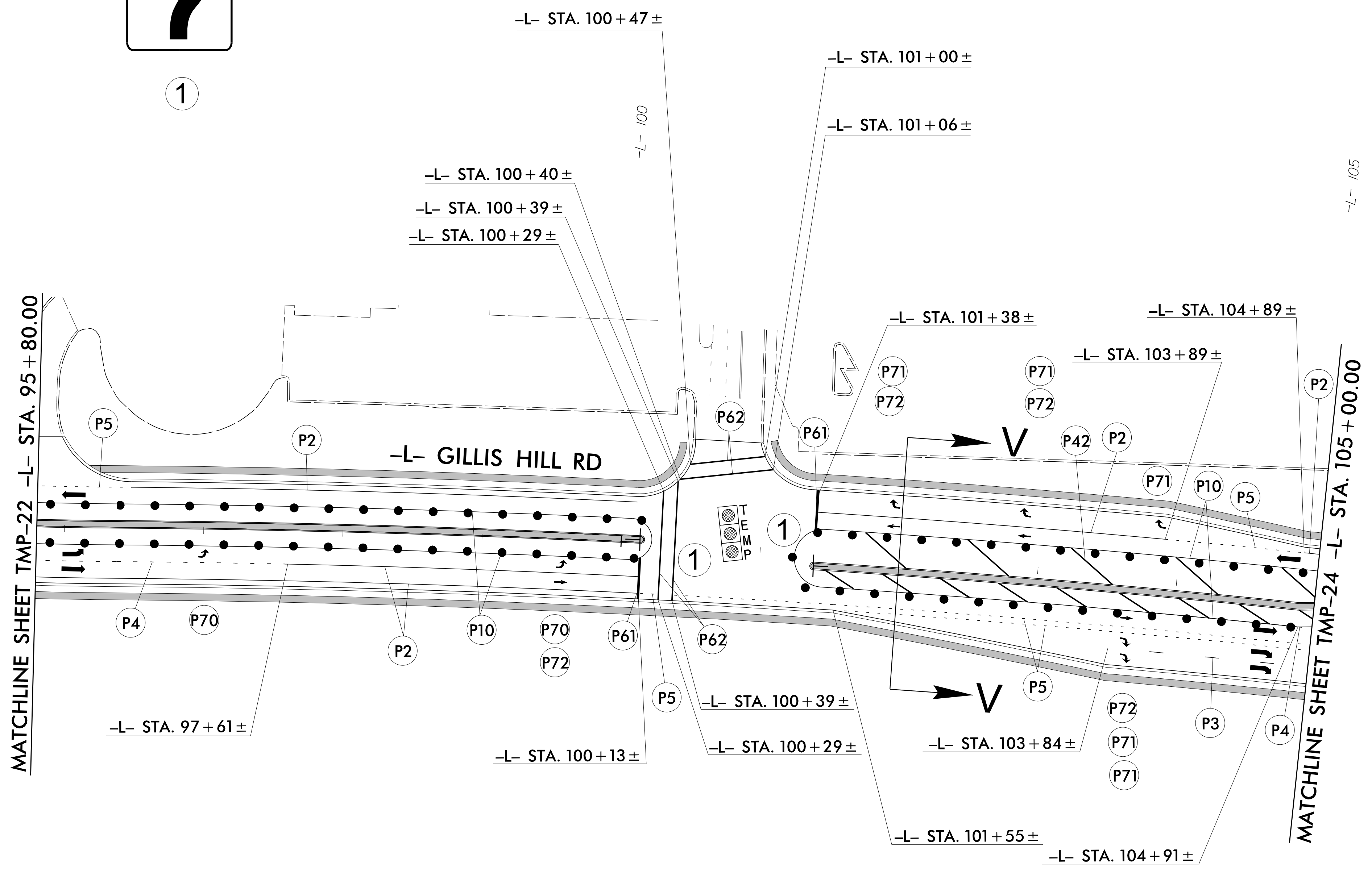


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R4-7
24" X 30"

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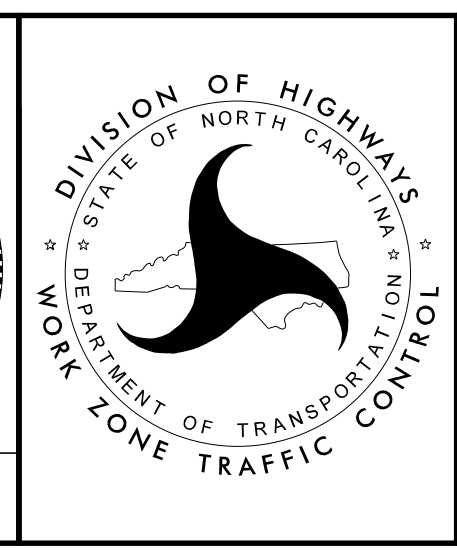


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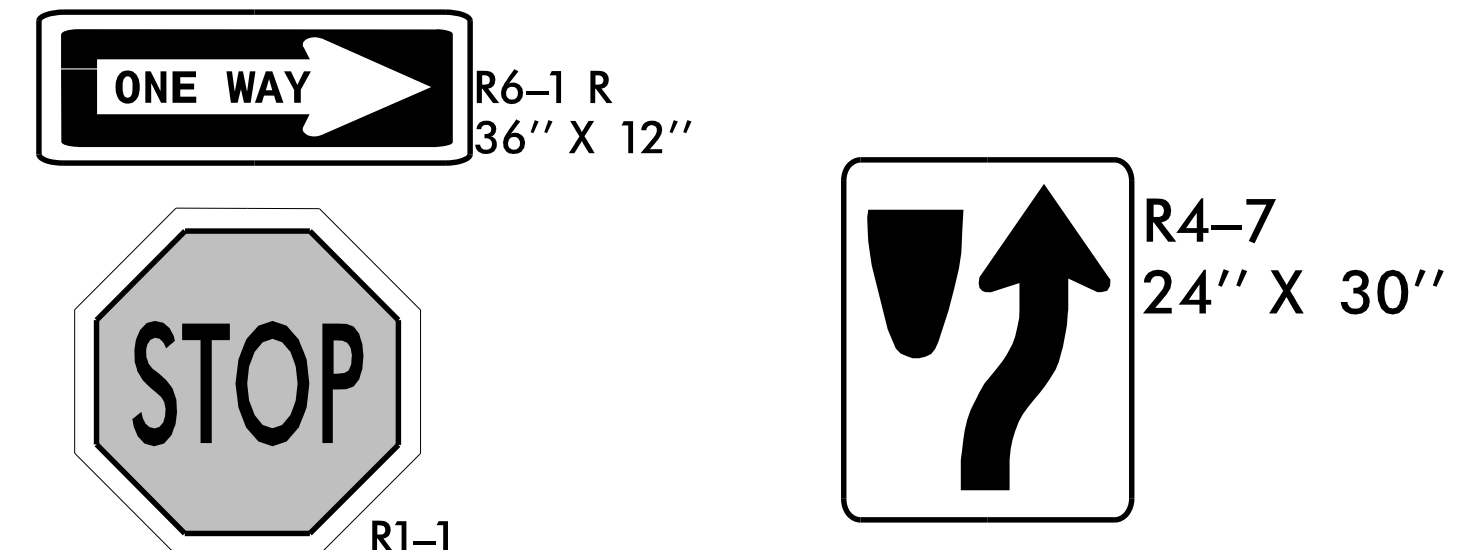
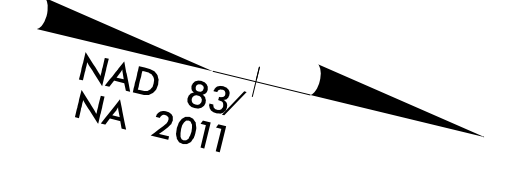
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PHASE IV
DETAILS

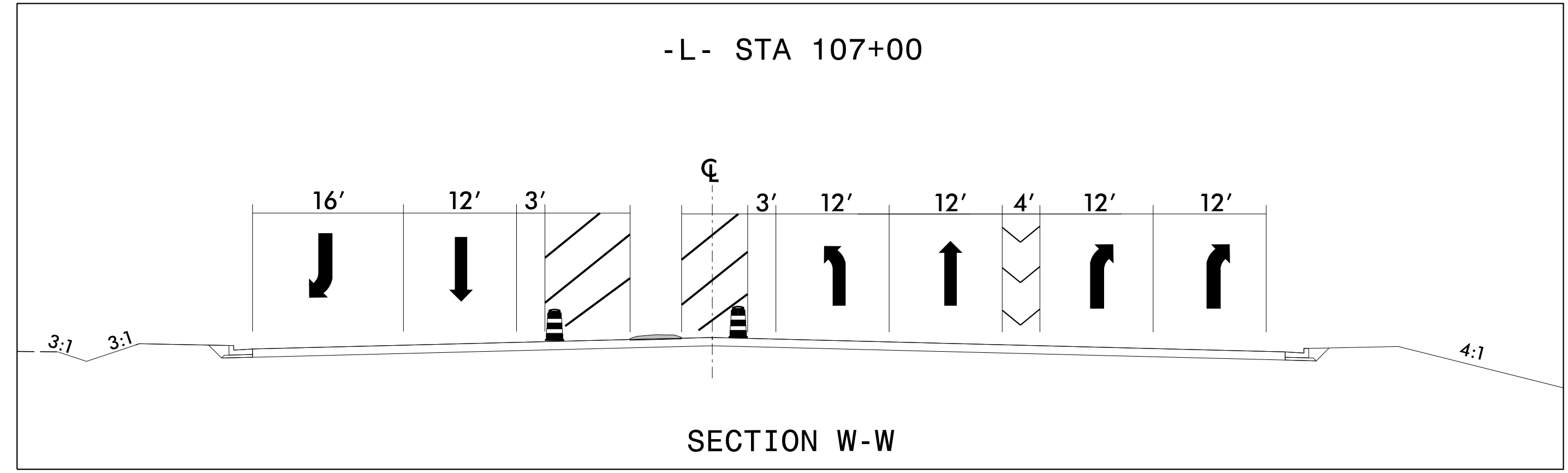
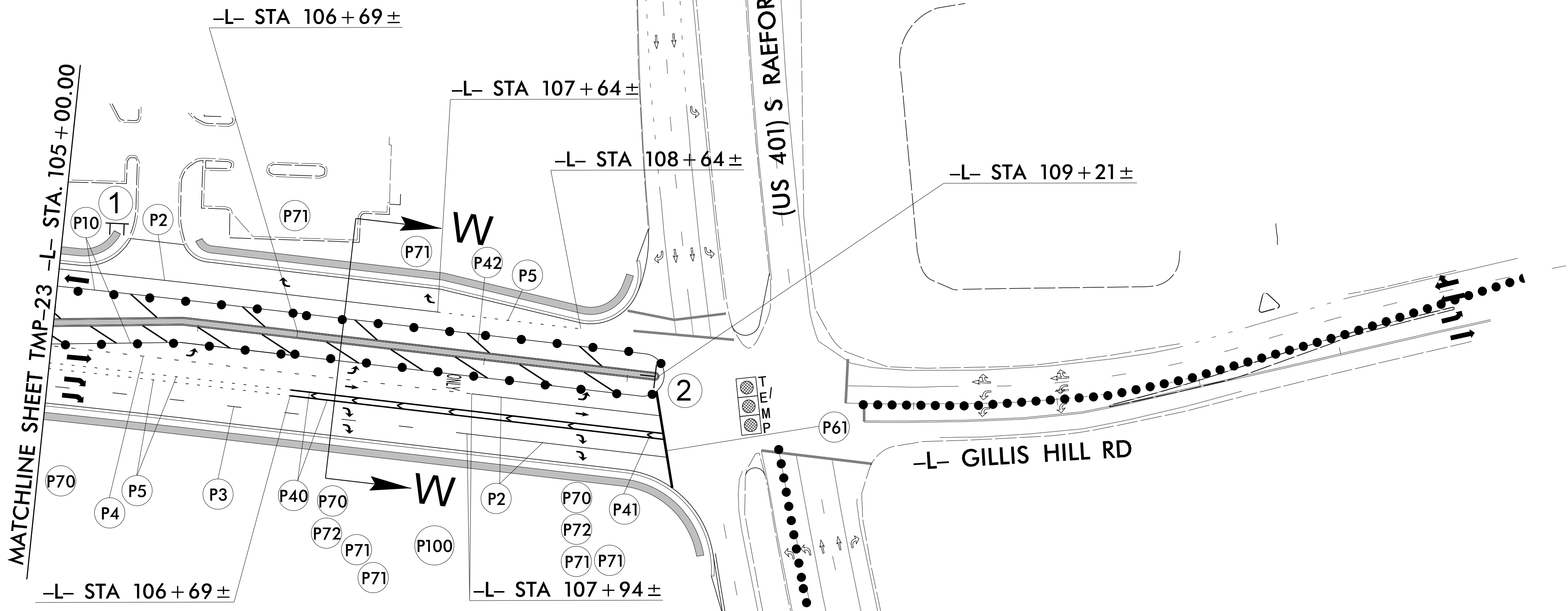


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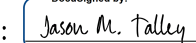
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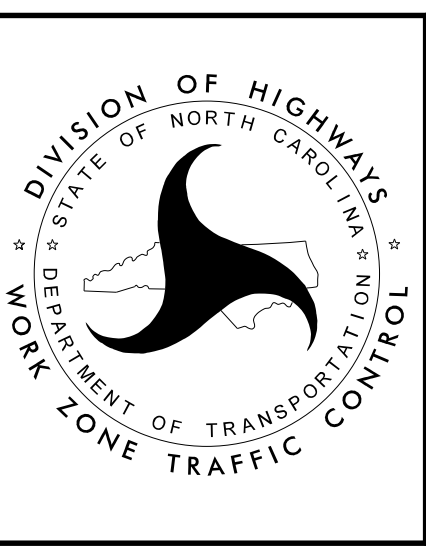
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User:McLaughR



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PHASE IV
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