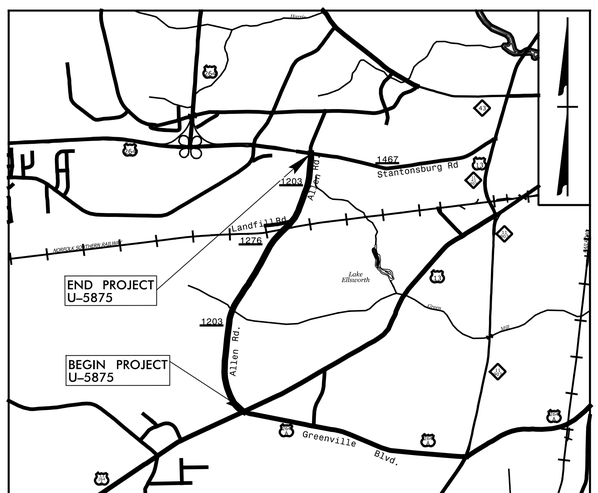
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

PITT COUNTY



VICINITY MAP

LOCATION: SR 1203 (ALLEN ROAD) FROM SR 1467 (STANTONSBURG ROAD) TO US 13 (DICKINSON AVENUE EXTENSION)

INDEX OF SHEETS

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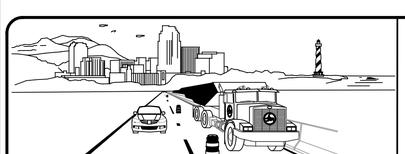
SHEET NO.
TMP-1

U-5875

TIP PROJECT:



WORK ZONE SAFETY & MOBILITY
"from the MOUNTAINS to the COAST"

PLANS PREPARED BY:

NADIA DEGBOTSE, E.I.

JOHN BAUMAN, P.E.

NCDOT CONTACTS:

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EASTERN WZTC ENGINEER

ALLA LYUDMIRSKAYA
PROJECT DESIGN ENGINEER

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

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APPROVED: DocuSigned by: John Bauman 7FFD5B84C37984D1...

DATE: 9/10/2025

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 052428 ENGINEER JOHN BAUMAN

9/10/2025
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PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-1A

ROADWAY STANDARD DRAWINGS

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

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES - TYPE III
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION - REFLECTIVE END TREATMENT
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

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
- CONSTRUCTION UNDER TRAFFIC
- 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 SCHEDULE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PAINT(4")		PAINT(24")
P1	WHITE EDGELINE	P61	WHITE STOP BAR
P2	WHITE SOLID LANE LINE		
P3	10 FT. WHITE SKIP		PAINT SYMBOL
P4	3 FT. - 9 FT./SP WHITE MINISKIP	P70	LEFT TURN ARROW
P5	2 FT.-6FT./SP WHITE MINISKIP	P77	U-TURN ARROW
P10	YELLOW EDGELINE	P100	ALPHANUMERIC CHARACTER
P13	YELLOW DOUBLE CENTER		
P14	2FT.-6FT./SP YELLOW MINISKIP		
	PAINT(8")		
P40	WHITE GORE LINE		
P41	WHITE DIAGONAL		
P42	YELLOW DIAGONAL		
	PAINT(12")		
P51	WHITE DIAGONAL		

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

ROADWAY STANDARD DRAWINGS, LEGEND, & PAVEMENT MARKING SCHEDULE

7/28/2025
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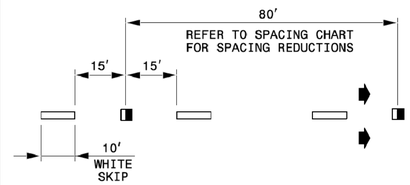
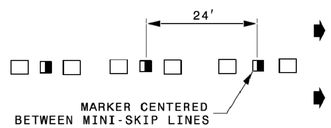
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-1B

PROJECT REFERENCE NO.	SHEET NO.

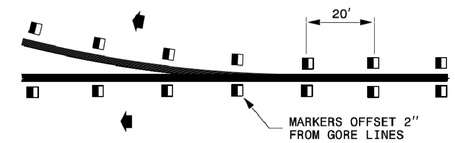
10'-30'/SP SKIP LINE



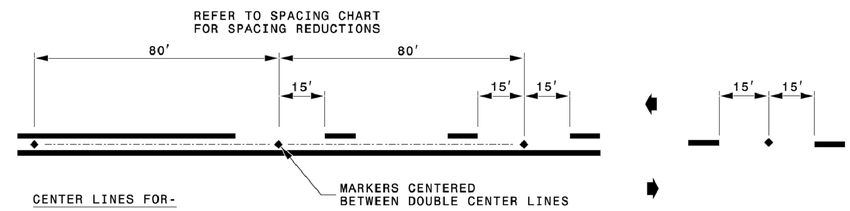
3'-9'/SP MINI-SKIP LINE



GORE LINES



YELLOW CENTER LINES

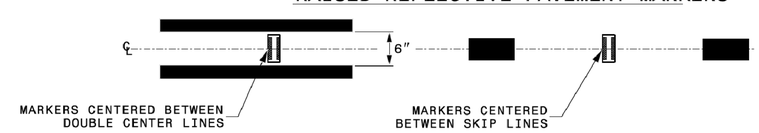


CENTER LINES FOR-

TWO-LANE, TWO-WAY ROADWAYS
UNDIVIDED ROADWAYS
TWO-WAY LEFT TURN LANES

DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS



LEGEND

- CRYSTAL/RED PAVEMENT MARKER
- YELLOW/YELLOW PAVEMENT MARKER
- DIRECTION OF TRAFFIC FLOW

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 2 OF 3

1250D01

NORTH CAROLINA PROFESSIONAL SEAL 042546 ENGINEER MATTHEW V. SPRINGER

CONTRACTS STANDARDS AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: M.V. SPRINGER DATE: 2-15-24
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.:

APPROVED: John Bauman
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DATE: 9/10/2025
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 052428 ENGINEER JOHN BAUMAN

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

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RAISED PAVEMENT MARKER DETAIL

7/24/2025
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U-5875	TMP-2

MANAGEMENT STRATEGIES

- TRAFFIC WILL BE MAINTAINED THROUGH CONSTRUCTION WITH THE USE OF CONSTRUCTION AWAY FROM TRAFFIC, LANE CLOSURES, AND SHOULDER CLOSURES
- LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION
- PROVIDE 30 CALENDAR DAYS NOTICE TO THE ENGINEER, PITT COUNTY EMERGENCY SERVICES, AND PITT COUNTY SCHOOL OFFICIALS PRIOR TO ROAD CLOSURE
- PLACE PCMS AND ROAD CLOSURE SIGNS IN ADVANCE OF CLOSURE POINT AT BRIARCLIFF DR.

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
ALLEN ROAD(SR 1203)	MONDAY TO FRIDAY 6:00 A.M. TO 9:00 A.M. & 4:00 P.M. TO 7:00 P.M.
DICKINSON AVE. (US 13)	MONDAY TO SUNDAY 6:00 A.M. TO 7:00 P.M.
GREENVILLE BLVD. (US 264 ALT)	
STANTONSBURG RD. (SR 1200)	
ALLEN ROAD(SR 1203)-L-131+00 TO -L-137+00	

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

ROAD NAME: ALLEN RD. (SR 1203), DICKINSON AVE. (US 13), GREENVILLE BLVD. (US 264 ALT), AND STANTONSBURG RD. (SR 1200)

HOLIDAY

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31ST TO 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 WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

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

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 TRAVEL WAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

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

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) 350 FEET 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) PLACE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

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

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.

TRAFFIC BARRIER

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

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

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

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

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

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

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

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

TRAFFIC CONTROL DEVICES

R) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT 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.

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

T) 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

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

ROAD NAME	MARKING	MARKER
ALLEN ROAD (SR 1203)	PAINT	TEMPORARY
GREENVILLE BLVD. (US 264 ALT)	PAINT	TEMPORARY

V) 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.

W) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

X) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

Y) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS.

MISCELLANEOUS

Z) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

AA) 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.

BB) 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.).

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DATE: 9/10/2025
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NORTH CAROLINA PROFESSIONAL SEAL 052428 ENGINEER JOHN BAUMAN

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

TRANSPORTATION OPERATIONS PLAN: (GENERAL NOTES, MANAGEMENT STRATEGIES, AND PHASING)

8/25/2025
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jbauman

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-3

PHASING

PHASE I

STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.01 SHEET 2 AND 3 OF 3, INSTALL ADVANCE WARNING SIGNS ON ALLEN ROAD AND Y LINES.

STEP 2: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19, PLACE TEMPORARY PAVEMENT MARKINGS, PLACE TRAFFIC CONTROL DEVICES, SHIFT TRAFFIC TO THE PHASE I PATTERN, AND INSTALL PCB FROM:
STA. -L- 25+45 TO -L- 27+49
STA. -L- 62+78 TO -L- 64+88
STA. -L- 126+44 TO -L- 128+61

STEP 3: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19 AND RSD 1101.04 SHEET 1 OF 2, BEGIN CONSTRUCTION AWAY FROM TRAFFIC UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-5 THROUGH TMP-18. INSTALL TEMPORARY SHORING, COMPLETE THE PHASE I PORTION OF EACH CULVERT, INSTALL RIGHT SIDE DRAINAGE,PLACE TEMPORARY PAVEMENT FROM -L- STA. 24+61 TO -L- STA. 25+49 ,-L- STA. 61+11 TO -L- STA. 62+67 AND FROM -L- STA. 123+49 TO -L- 126+37 AS SHOWN ON TMP-6,8,9, AND 13. INSTALL PROPOSED SIGNAL POLES AND USE EXISTING SIGNAL HEADS FOR THE TEMPORARY CONDITION.

COMPLETE THE WORK OF PHASE I, STEP 4 IN SEVENTY TWO(72) CONSECUTIVE HOURS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 4: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 OF 19 AND RSD 1101.04 SHEET 1 OF 2, PLACE PCMS AND ROAD CLOSURE SIGNS IN ADVANCE OF CLOSURE POINT AT BRIARCLIFF DR.

USING ROADWAY STANDARD DRAWING (RSD) 1101.03 SHEET 2 OF 9, WHEN SCHOOL IS NOT IN SESSION, COMPLETE CONSTRUCTION OF 42″ AND 18″ PIPES ON -Y5- BRIARCLIFF DR AS SHOWN ON TMP-10.

STEP 5: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19 AND RSD 1101.04 SHEET 1 OF 2, MOVE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-20-33, RESET PCB, ACTIVATE TEMPORARY SIGNALS, AND SHIFT TRAFFIC TO THE PHASE II PATTERN.

PHASE II

STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19, BEGIN CONSTRUCTION UP TO 36FT OF PROPOSED PAVEMENT FROM THE EOT OF THE INSIDE NORTHBOUND LANE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-20 THROUGH TMP-33. INSTALL MEDIAN DRAINAGE. CONSTRUCT BUT NOT ACTIVATE SIGNAL AT BRIARCLIFF.

COMPLETE THE WORK OF PHASE II, STEP 2 IN ONE HUNDRED AND TWENTY(120) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 2: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19, AND RSD 1101.04 SHEET 1 OF 2, COMPLETE CONSTRUCTION OF SECOND PORTION OF CULVERT AT STATION -L- 26+50 AND ROADWAY WORK FROM STA. -L- 25+71 TO STA. -L- 28+31 AS SHOWN ON TMP-21 ON ALLEN RD.

STEP 3: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19 AND RSD 1101.04 SHEET 1 OF 2, COMPLETE REMAINING CULVERT PORTIONS, PLACE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-35-48, ACTIVATE TEMPORARY SIGNALS AT BRIARCLIFF AND SHIFT TRAFFIC TO THE PHASE III PATTERN.

PHASE III

STEP 1: USING RSD 1101.02 SHEET 1 AND 3 OF 19 AND RSD1101.04 SHEET 1 OF 2, ON THE NORTHBOUND LANES, PLACE THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLANS. BEGIN CONSTRUCTION AS SHOWN ON TMP-35-48. INSTALL LEFT SIDE DRAINAGE.

STEP 2: ONCE CONSTRUCTION AS SHOWN ON TMP-35-48 IS COMPLETE, ACTIVATE TEMPORARY SIGNALS, PLACE TRAFFIC CONTROL DEVICES AND INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-50-63 AND SHIFT TRAFFIC TO PHASE IV PATTERN.

PHASE IV

STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19, COMPLETE CONSTRUCTION OF MONOLITHIC ISLANDS.

STEP 2: USING ROADWAY STANDARD DRAWING (RSD) 1101.02 SHEET 1 AND 3 OF 19, COMPLETE PLACING THE FINAL LAYER OF SURFACE COURSE AND INSTALL THE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLANS, WITHIN THE PROJECT LIMITS. ACTIVATE FINAL SIGNALS.

STEP 3: ONCE ALL CONSTRUCTION IS COMPLETE, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

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PHASING

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PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-3A

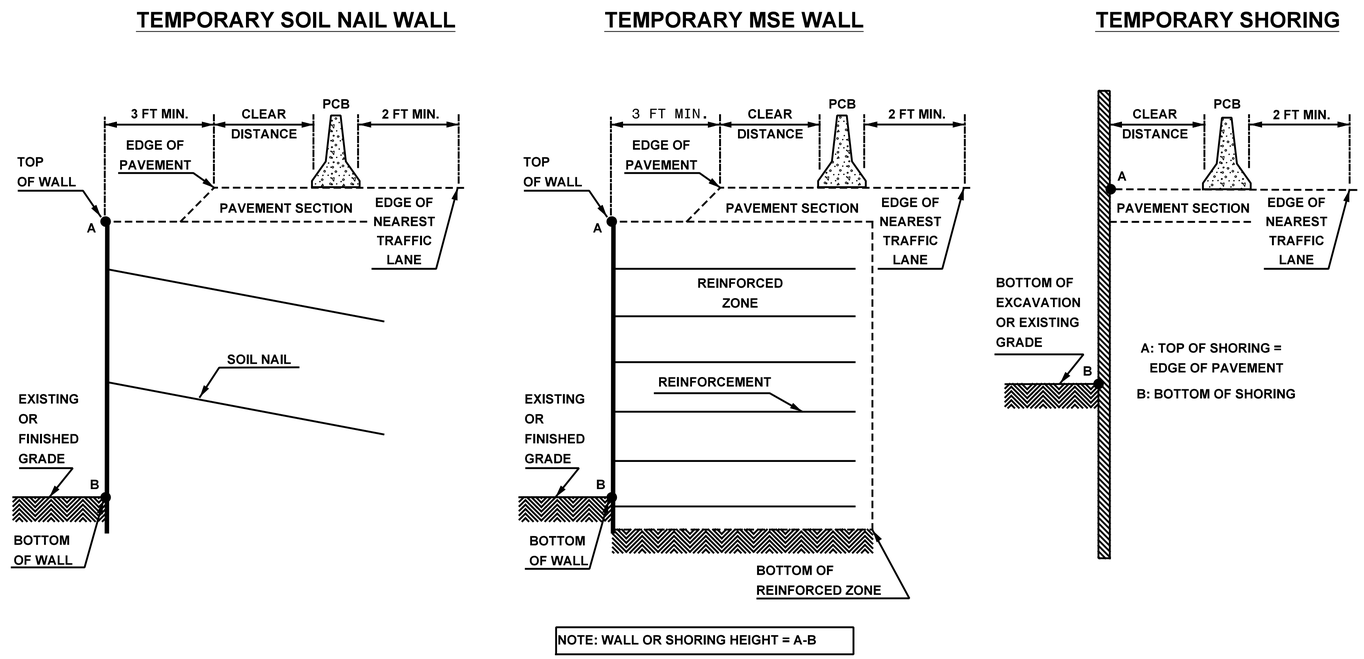

FIGURE A

NOTES

1- REFER TO THE TRAFFIC CONTROL PLANS FOR TEMPORARY SHORING LOCATIONS AND NOTES.

2- REFER TO THE "TEMPORARY SHORING" STANDARD PROVISION FOR INFORMATION ABOUT TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER (PCB).

3- PCB IS REQUIRED IF TEMPORARY SHORING/WALL IS LOCATED WITHIN THE CLEAR ZONE IN ACCORDANCE WITH THE AASHTO ROADSIDE DESIGN GUIDE. DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE. (CONTACT NCDOT PAVEMENT MANAGEMENT FOR APPLICABLE PAVEMENT DESIGN).

4- BASED ON THE CLEAR DISTANCE, OFFSET, DESIGN SPEED AND PAVEMENT TYPE, CHOOSE AN UNANCHORED OR ANCHORED PCB FROM THE TABLE SHOWN IN FIGURE B. CLEAR DISTANCE IS DEFINED AS SHOWN IN FIGURE A AND OFFSET IS DEFINED AS SHOWN IN FIGURE B.

5- AT THE CONTRACTOR'S OPTION OR IF THE MINIMUM REQUIRED CLEAR DISTANCE IS NOT AVAILABLE, SET PCB NEXT TO AND UP AGAINST THE TRAFFIC SIDE OF THE TEMPORARY SHORING/WALLS EXCEPT FOR BARRIER ABOVE TEMPORARY WALLS. PCB WITH THE MINIMUM REQUIRED CLEAR DISTANCE IS REQUIRED ABOVE TEMPORARY WALLS.

6- USE NCDOT PORTABLE CONCRETE BARRIER (PCB) IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1170.01 AND SECTION 1170 OF THE STANDARD SPECIFICATIONS.

7- SET PCB WITH A MINIMUM HORIZONTAL DISTANCE OF 2 FT BETWEEN THE FRONT FACE OF THE BARRIER AND THE EDGE OF THE NEAREST TRAFFIC LANE AS SHOWN IN FIGURE A UNLESS OTHERWISE SHOWN IN THE PLANS OR APPROVED BY THE ENGINEER.

8- FOR PCB ABOVE AND BEHIND TEMPORARY WALLS, PROVIDE A MINIMUM DISTANCE OF 3 FT BETWEEN THE EDGE OF PAVEMENT AND THE WALL FACE AS SHOWN IN FIGURE A. IF THIS MINIMUM REQUIRED DISTANCE IS NOT AVAILABLE, CONTACT THE ENGINEER.

9- TABLE SHOWN IN FIGURE B IS BASED ON NCDOT RESEARCH PROJECT NO. 2005-010 WITH VEHICLE TYPE USED FOR NCHRP 350 CRASH TESTS.

MINIMUM REQUIRED CLEAR DISTANCE, inches

Barrier Type	Pavement Type	Offset * ft	Design Speed, mph					
			<30	31-40	41-50	51-60	61-70	71-80
Unanchored PCB	Asphalt	<8	24	26	29	32	36	40
		8-14	26	28	31	35	38	42
		14-20	27	29	34	36	39	43
		20-26	28	31	35	38	40	44
		26-32	29	32	36	39	42	45
		32-38	30	34	38	41	43	46
		38-44	31	34	41	43	45	48
		44-50	31	35	41	43	46	49
		50-56	32	36	42	44	47	50
		>56	32	36	42	45	47	51
	Concrete	<8	17	18	21	22	25	26
		8-14	19	20	23	25	26	29
		14-20	22	22	24	26	28	31
		20-26	23	24	26	27	30	34
		26-32	24	25	27	28	32	35
		32-38	24	26	27	30	33	36
		38-44	25	26	28	30	34	37
		44-50	26	26	28	32	35	37
		50-56	26	26	28	32	35	38
		>56	26	27	29	32	36	38
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds					
Anchored PCB	Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds					

* See Figure Below

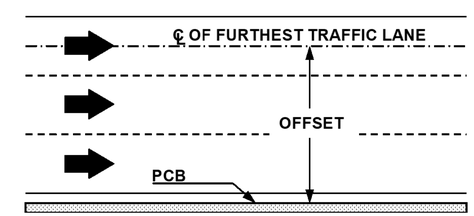

FIGURE B

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TEMPORARY SHORING NOTES/STANDARD DETAILS

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TEMPORARY SHORING NOTES

SHORING LOCATION NO. 1

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 26+20±, 5* LT, TO STATION -L- 26+68±, 5* LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (φ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 67.5 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 26+20±, 5*LT, TO STATION -L- 26+68±, 5*LT.

AT THE CONTRACTOR* OPTION AND WHEN APPLICABLE, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 26+20±, 5*LT, TO STATION -L- 26+68±, 5*LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SHORING LOCATION NO. 2

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 26+20±, 2* RT, TO STATION -L- 26+68±, 2* RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (φ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 67.5 FT ±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 26+20±, 2*RT, TO STATION -L- 26+68±, 2*RT.

AT THE CONTRACTOR* OPTION AND WHEN APPLICABLE, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 26+20±, 2*RT, TO STATION -L- 26+68±, 2* RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SHORING LOCATION NO. 3

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 63+64±, 8* LT, TO STATION -L- 64+37±, 7* LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (φ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 56.5 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 63+64±, 8*LT, TO STATION -L- 64+37±, 7*LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 63+64±, 8*LT, TO STATION -L- 64+37±, 7*LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SHORING LOCATION NO. 4

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 63+64±, 2* LT, TO STATION -L- 64+37±, 2* LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (φ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 56.5 FT ±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 63+64±, 2*LT, TO STATION -L- 64+37±, 2*LT.

AT THE CONTRACTOR* OPTION AND WHEN APPLICABLE, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 63+64±, 2*LT, TO STATION -L- 64+37±, 2*LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SHORING LOCATION NO. 5

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 127+29±, 2* LT, TO STATION -L- 127+87±, 1* LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 105 LB/CF
FRICTION ANGLE (φ) = 28 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 61.0 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 127+29±, 2*LT, TO STATION -L- 127+87± 1*LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 127+29±, 2*LT, TO STATION -L- 127+87± 1*LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION

SHORING LOCATION NO. 6

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 127+29±, 5* RT, TO STATION -L- 127+87±, 5* RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (φ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 61.0 FT ±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 127+29±, 5*RT, TO STATION -L- 127+87±, 5*RT.

AT THE CONTRACTOR* OPTION AND WHEN APPLICABLE, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 127+29±, 5*RT, TO STATION -L- 127+87±, 5*RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

THE GEU RECOMMENDS INCLUDING THE TEMPORARY SHORING (SP11 R02) PROVISION IN THE CONTRACT FOR THE REFERENCED PROJECT. GEU WILL INCLUDE THE STANDARD SHORING PROVISION, TEMPORARY SOIL NAIL WALLS PROVISION AND GEOTECHNICAL STANDARD DETAIL NO. 1801.01 AND NO. 1801.02 IN THE CONTRACT. PLEASE CONTACT JINYOUNG PARK, PH.D., P.E. AT (919) 432-2256 OR JAMEY BATTS, P.E. AT (919) 413-6478 IF THERE ARE ANY QUESTIONS CONCERNING THIS MEMORANDUM.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM NCDOT GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS SUBMITTED TO SEPI, INC. ON NOVEMBER 8, 2021 AND SEALED BY A PROFESSIONAL ENGINEER, JINYOUNG PARK, Ph.D., P.E. LICENSE # 032171

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TEMPORARY SHORING NOTES

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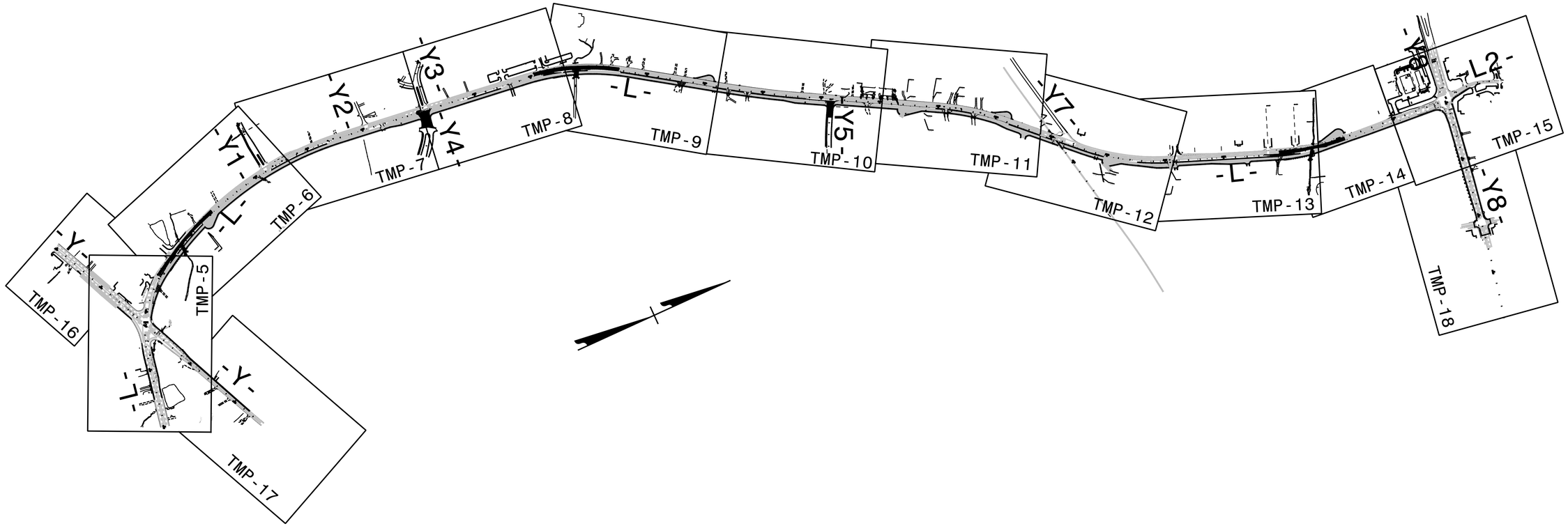

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PHASE I
OVERVIEW

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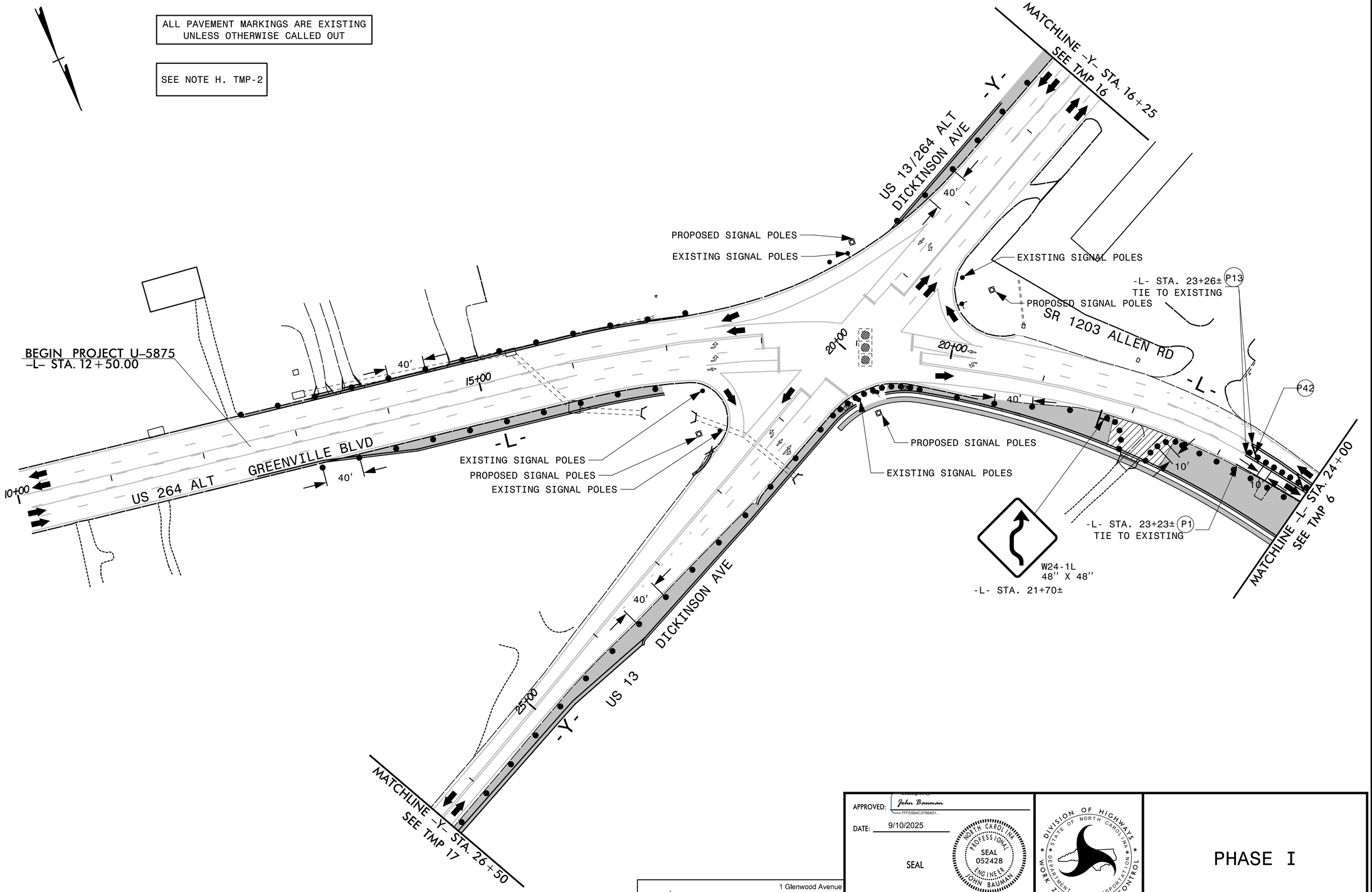
U-5875	TMP-5

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT

SEE NOTE H. TMP-2



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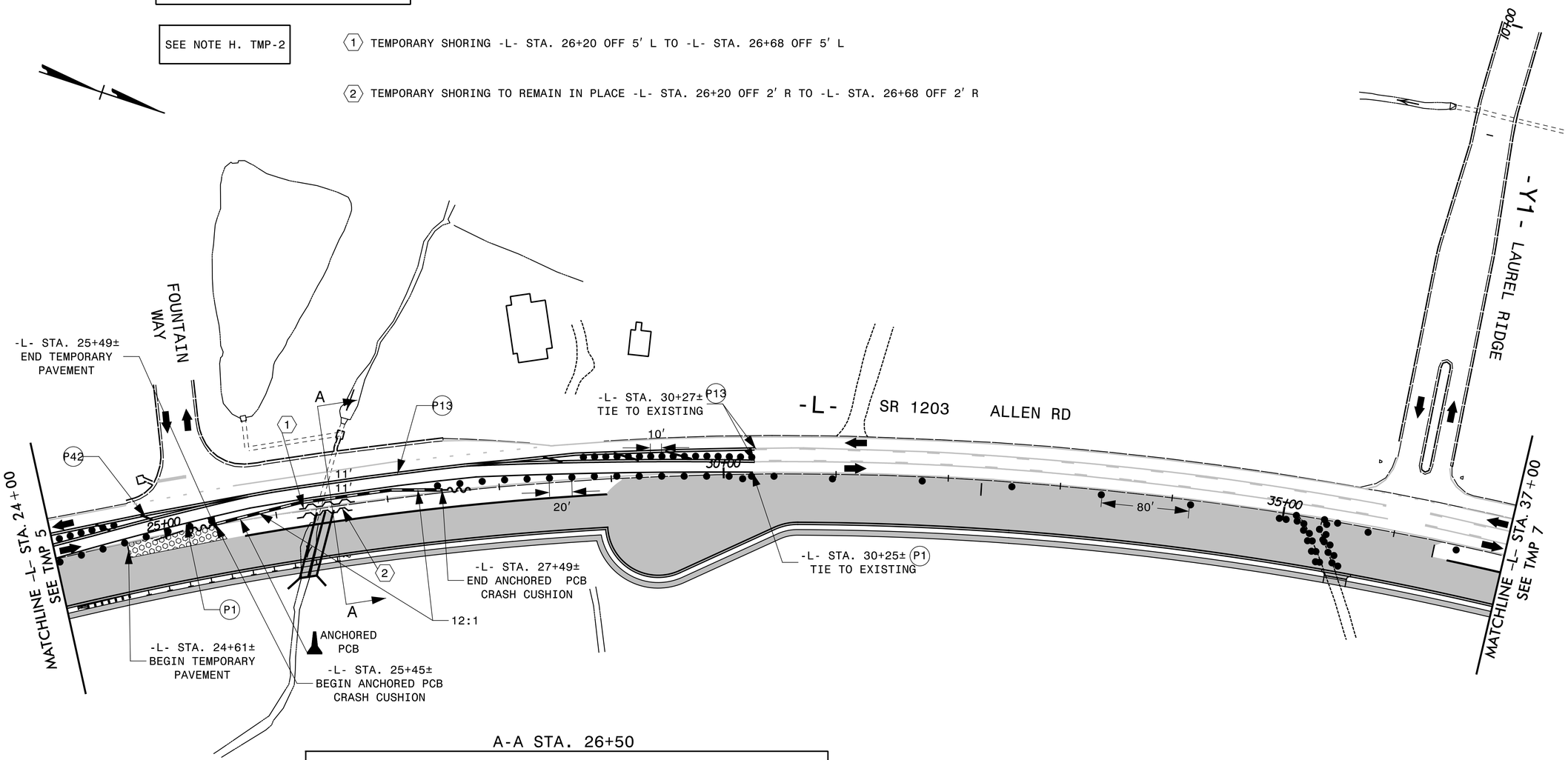
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-6

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT

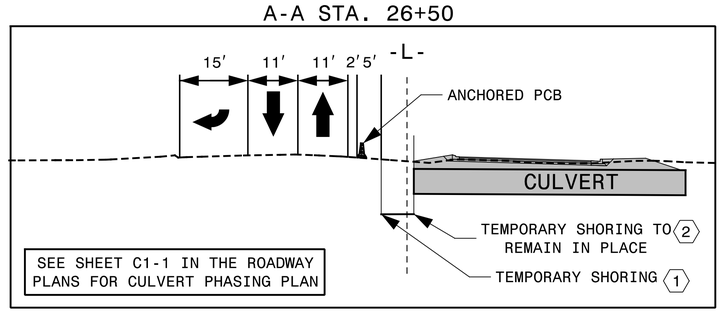
SEE NOTE H. TMP-2

(1) TEMPORARY SHORING -L- STA. 26+20 OFF 5′ L TO -L- STA. 26+68 OFF 5′ L

(2) TEMPORARY SHORING TO REMAIN IN PLACE -L- STA. 26+20 OFF 2′ R TO -L- STA. 26+68 OFF 2′ R



A-A STA. 26+50



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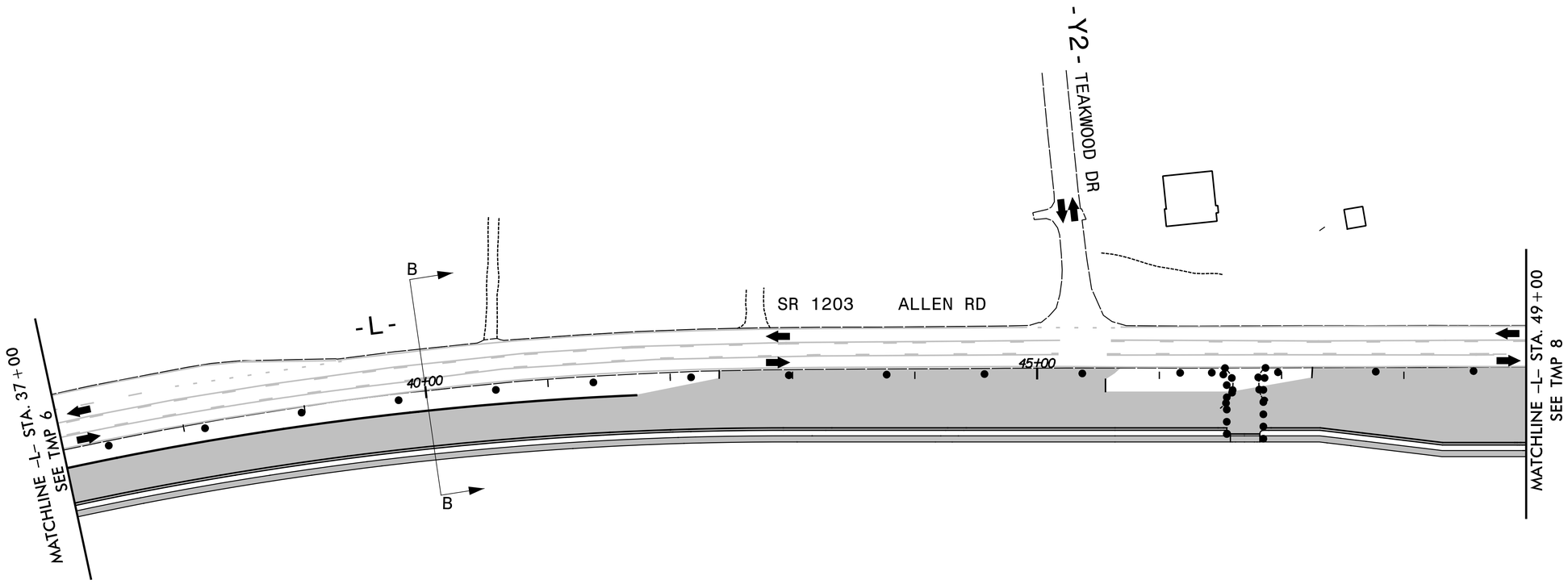
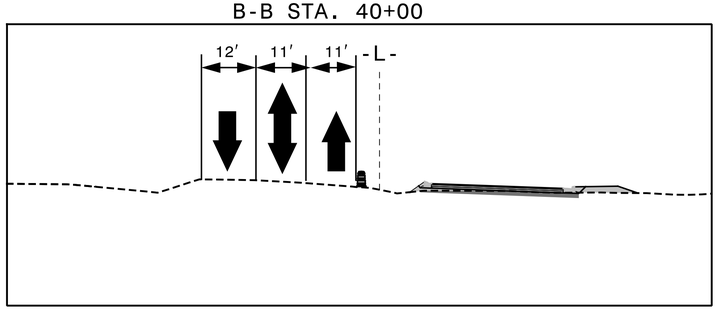
SEE NOTE H. TMP-2



B-B STA. 40+00



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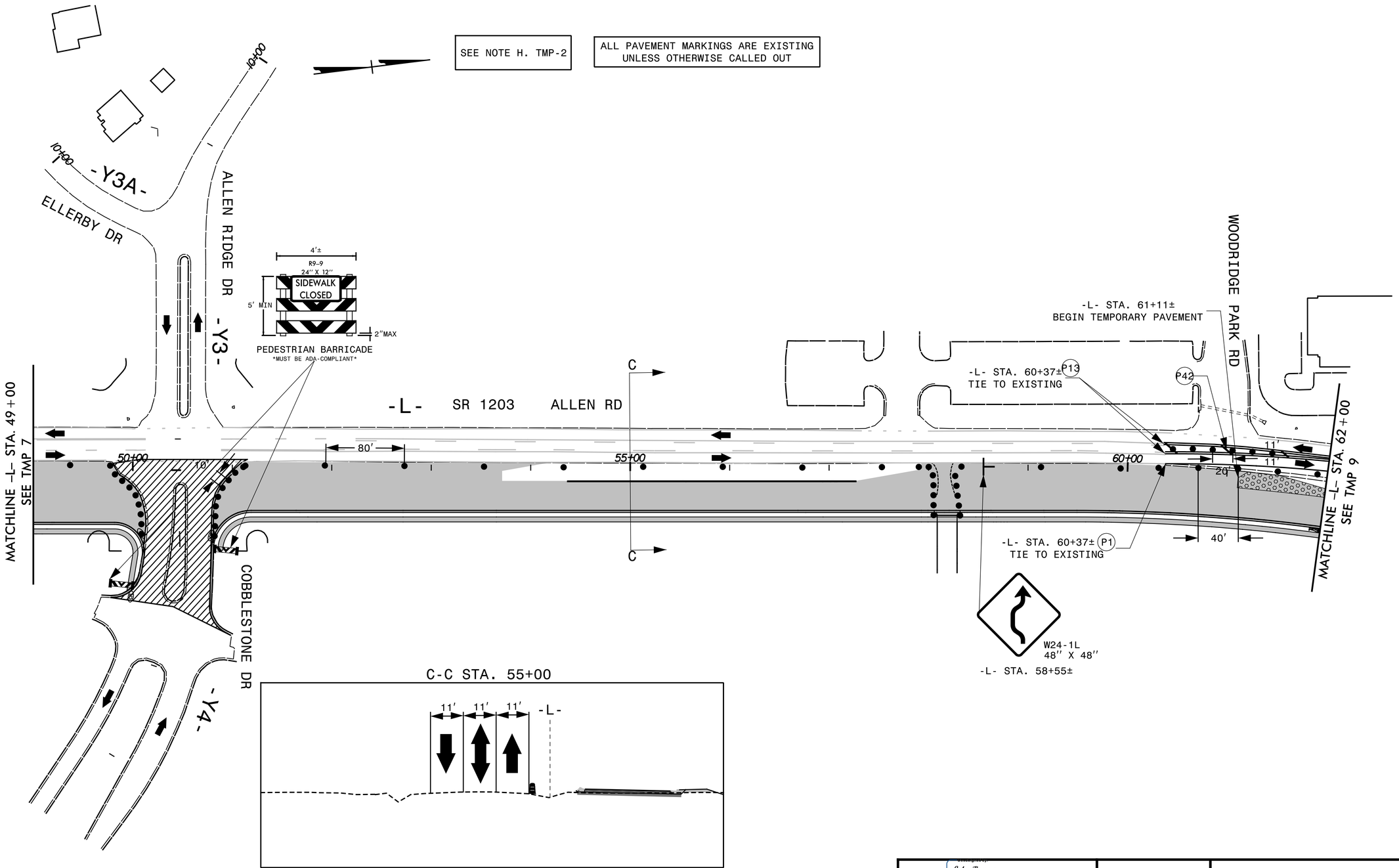
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-8

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT



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

PHASE I

TRANSYSTEMS
1 Glenwood Avenue
Raleigh, NC 27603
Tel:919.789.9977
Fax:919.789.9591
License: F-0453

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X:\2016\R016.010.00_U-5875\TP\Traffic\TMP\U-5875 TMP-8.dgn
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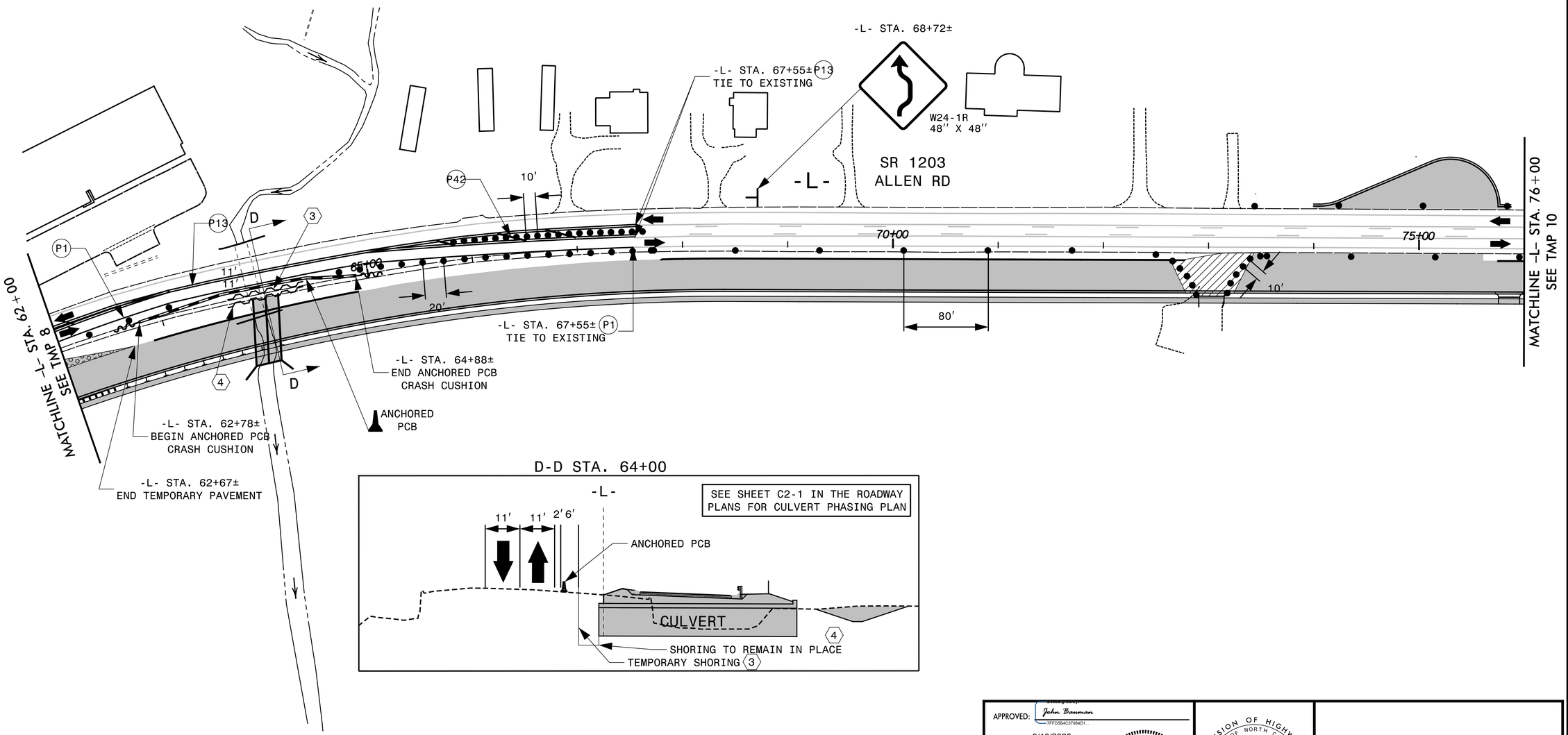
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-9

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT

(3) TEMPORARY SHORING -L- STA. 63+64 OFF 8′ L TO -L- STA. 64+37 OFF 7′ L

(4) TEMPORARY SHORING TO REMAIN IN PLACE -L- STA. 63+64 OFF 2′ L TO -L- STA. 64+37 OFF 2′ L



D-D STA. 64+00

APPROVED: John Bauman
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PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-10

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT

MESSAGE NO. 1	MESSAGE NO. 2
BRIRCLIF WILL BE CLOSED	STARTING (DAY) (TIME)

CHANGEABLE MESSAGE SIGN

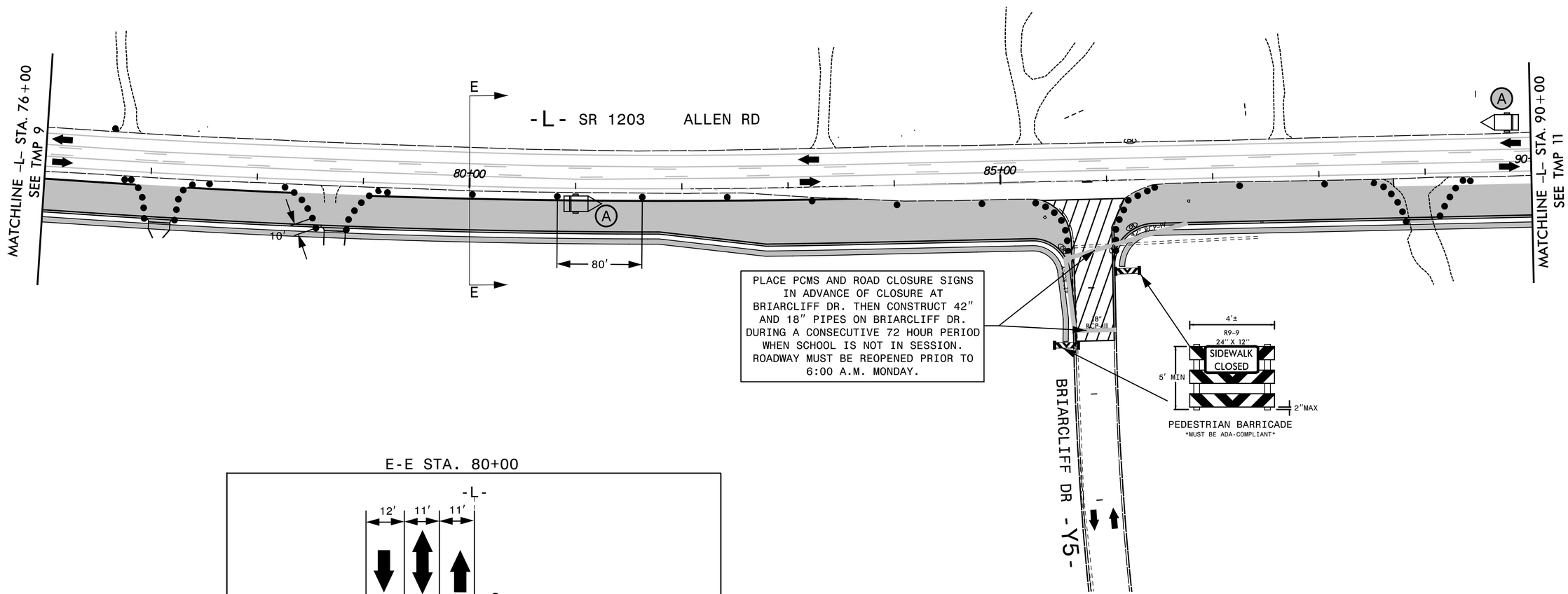
MESSAGE NO. 1	MESSAGE NO. 2
BRIRCLIF CLOSED FROM	(DAY) TO (DAY)

CHANGEABLE MESSAGE SIGN

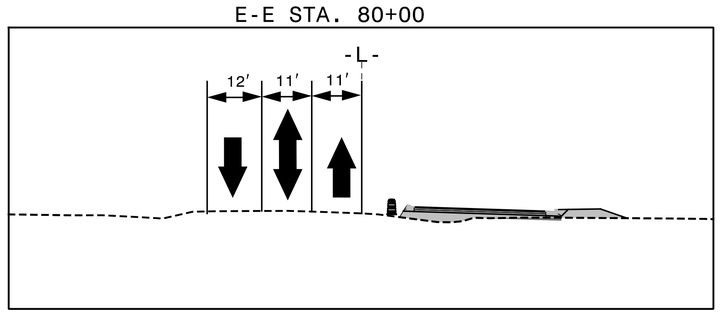
* (A) ▲ (A)

* DISPLAY MESSAGE TWO WEEKS PRIOR TO ROAD CLOSURE

▲ DISPLAY MESSAGE DURING ROAD CLOSURE



E-E STA. 80+00



APPROVED: John Bauman
7FFD5B4C37984D1...

DATE: 9/10/2025

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 052428 JOHN BAUMAN

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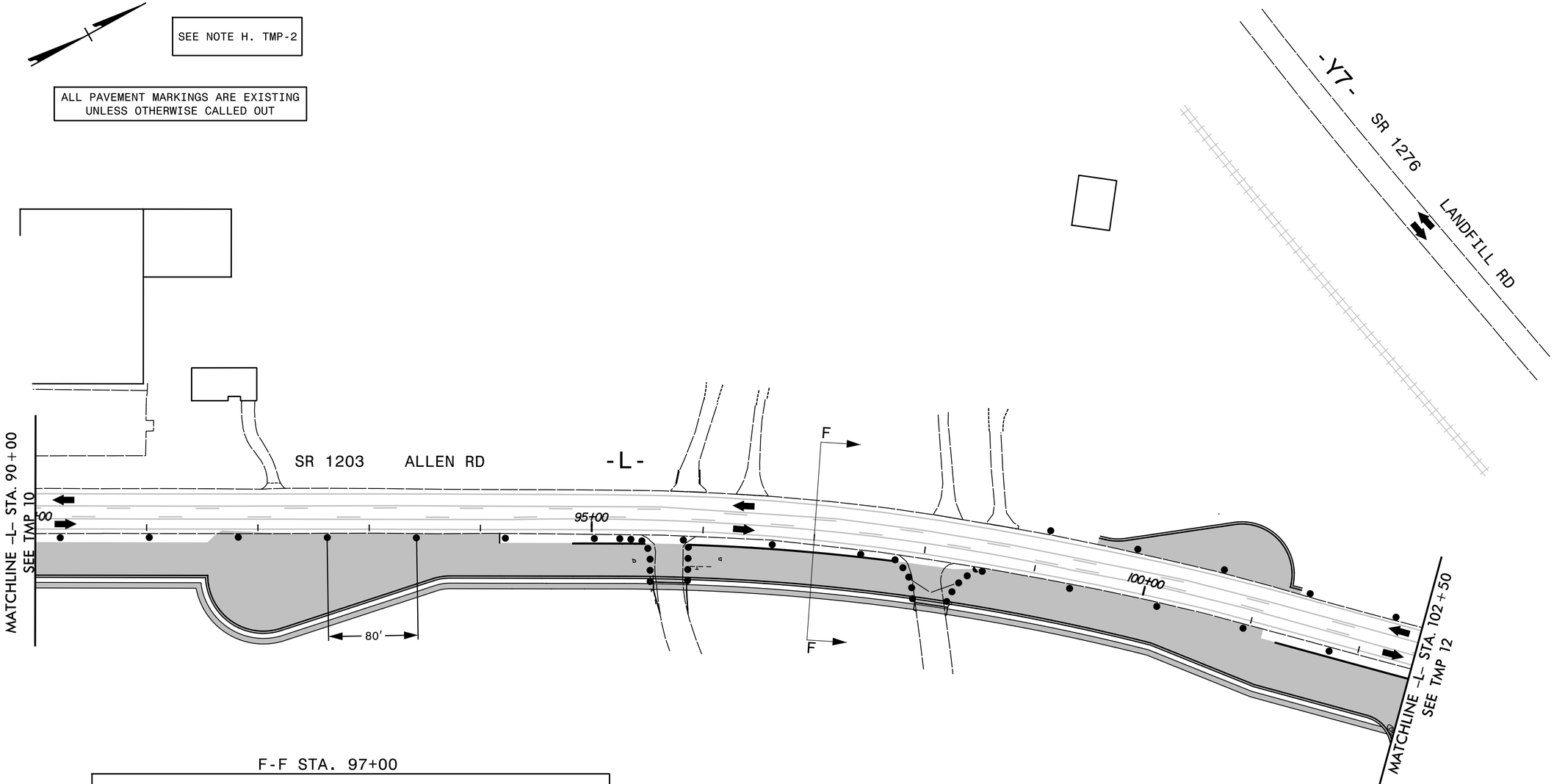
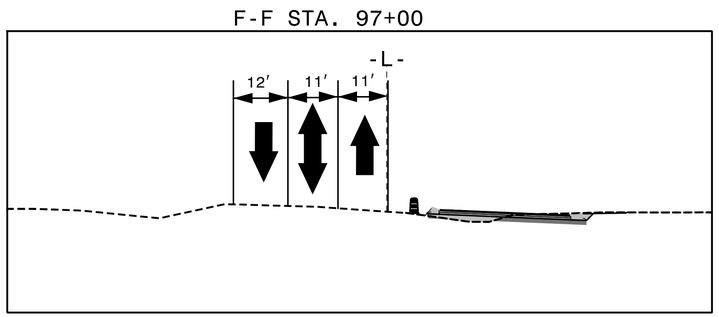
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-11

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT



F-F STA. 97+00



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DATE: 9/10/2025

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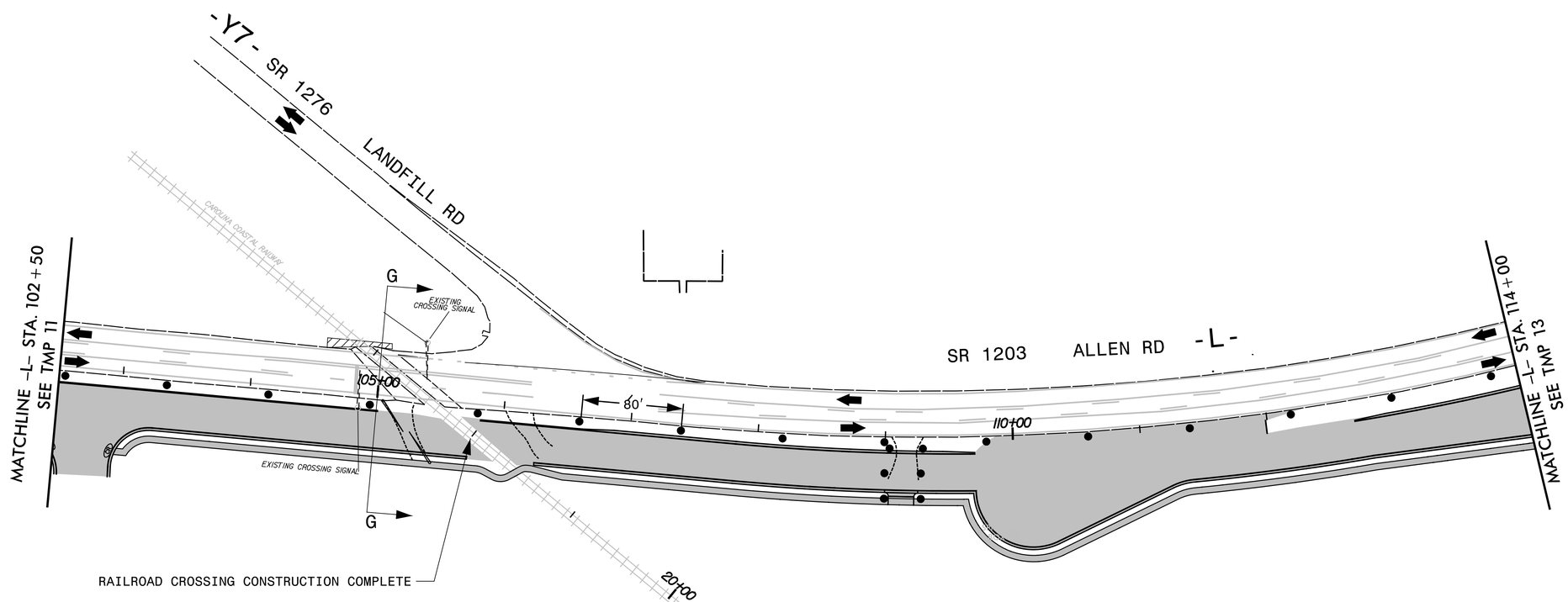
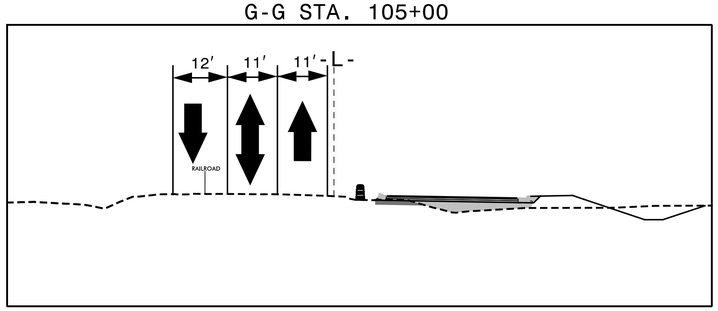
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-12

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT



G-G STA. 105+00



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DATE: 9/10/2025
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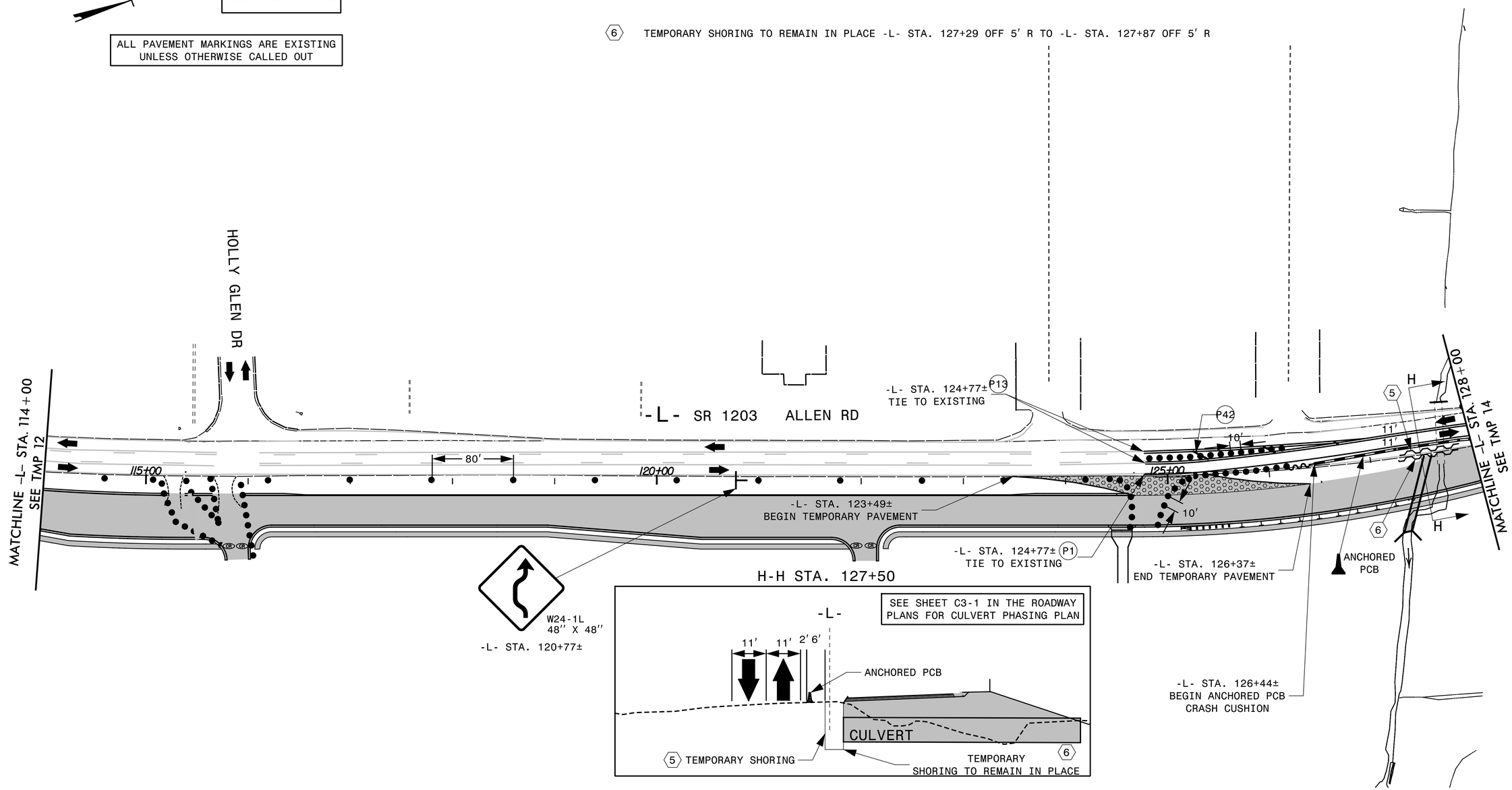
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-13

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT

5 TEMPORARY SHORING -L- STA. 127+29 OFF 2′ L TO -L- STA. 127+87 OFF 1′ L

6 TEMPORARY SHORING TO REMAIN IN PLACE -L- STA. 127+29 OFF 5′ R TO -L- STA. 127+87 OFF 5′ R



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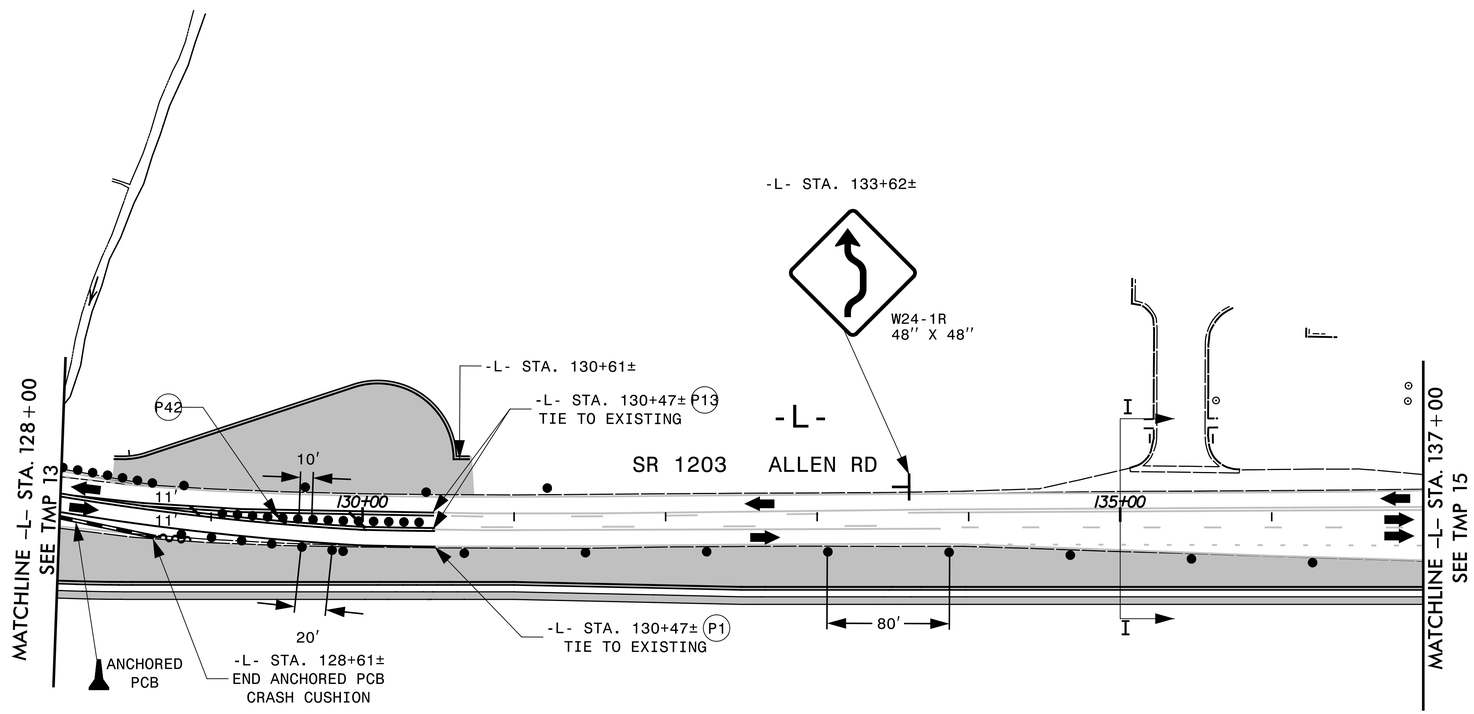
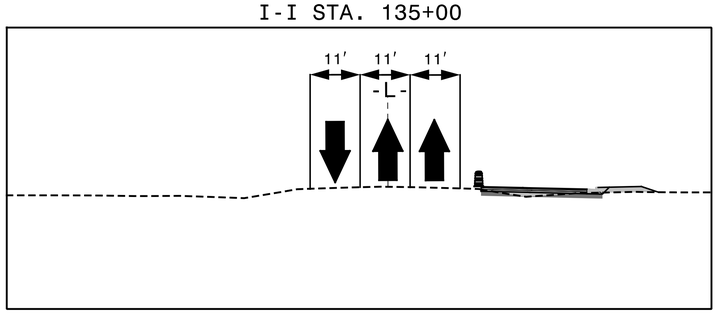
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-14

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT



I-I STA. 135+00



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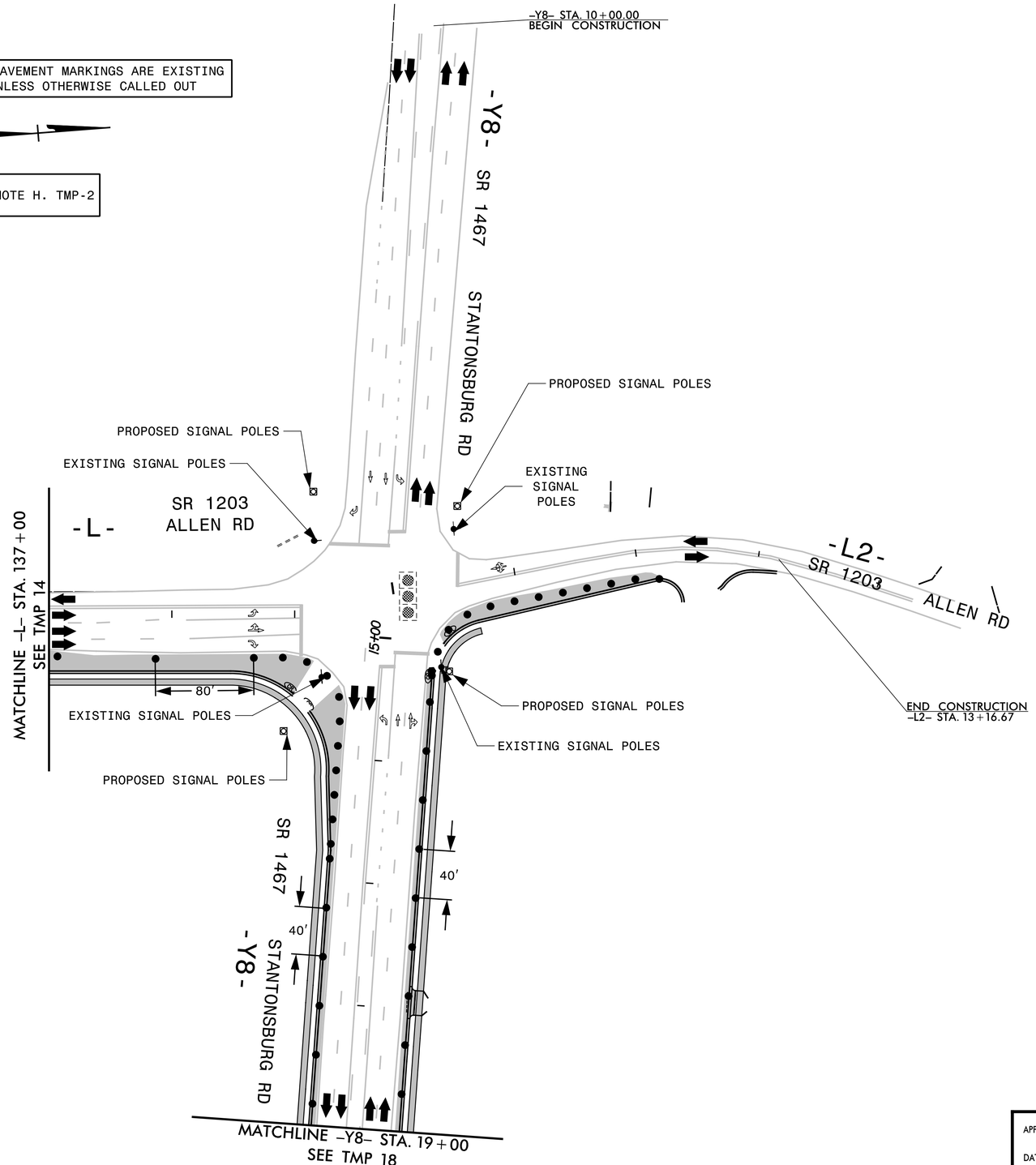
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-15

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT

SEE NOTE H. TMP-2



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PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-16

ALL PAVEMENT MARKINGS ARE EXISTING
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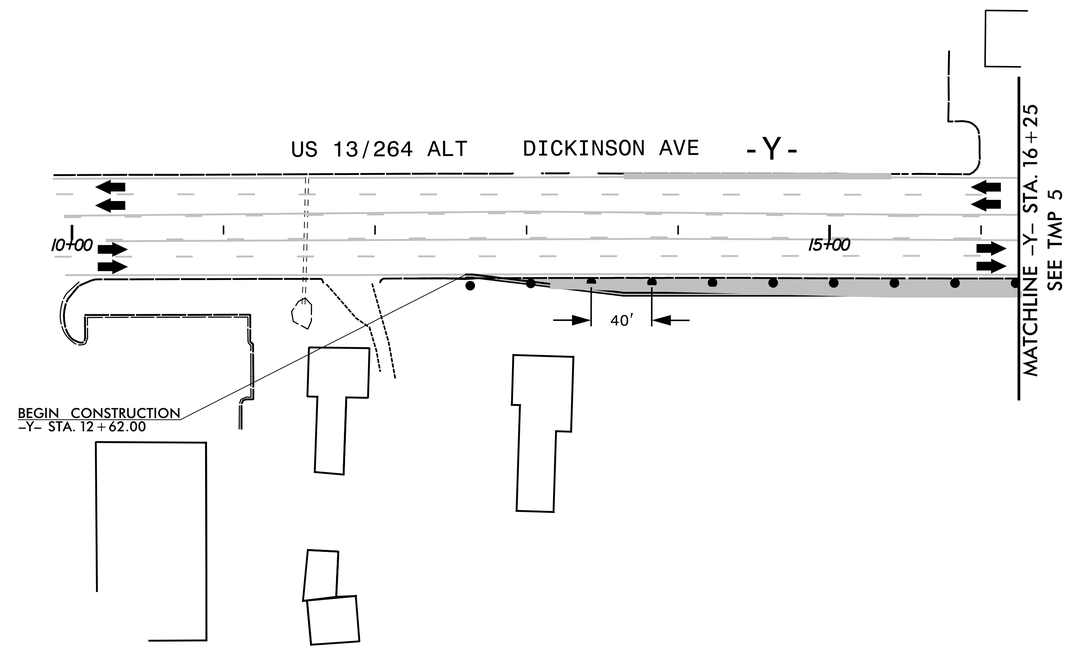

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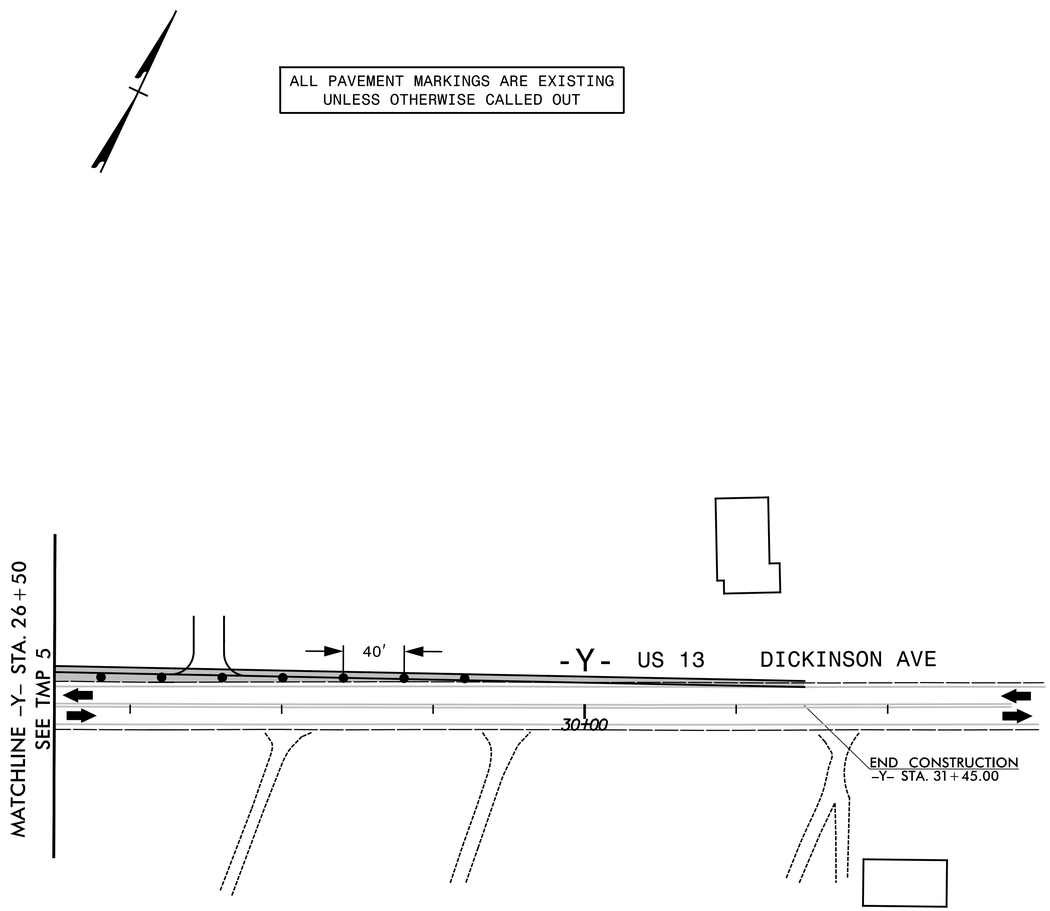
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-17

ALL PAVEMENT MARKINGS ARE EXISTING
UNLESS OTHERWISE CALLED OUT



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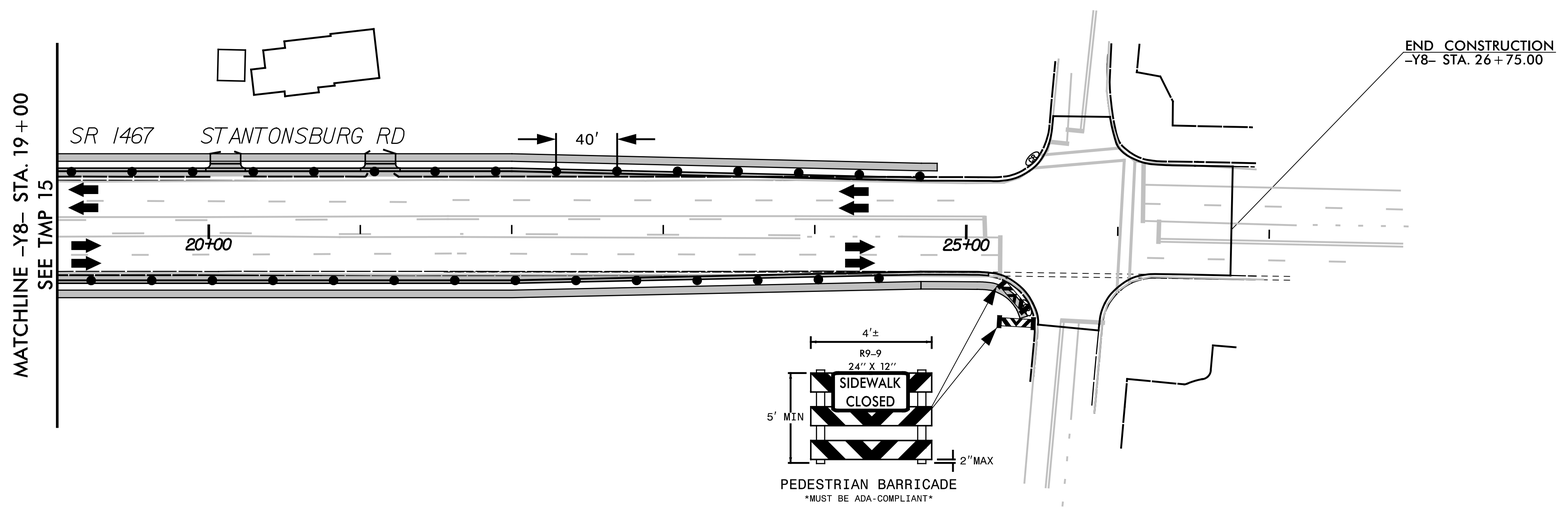
PHASE I

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-18

SEE NOTE H. TMP-2

ALL PAVEMENT MARKINGS ARE EXISTING UNLESS OTHERWISE CALLED OUT



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DATE: 9/10/2025

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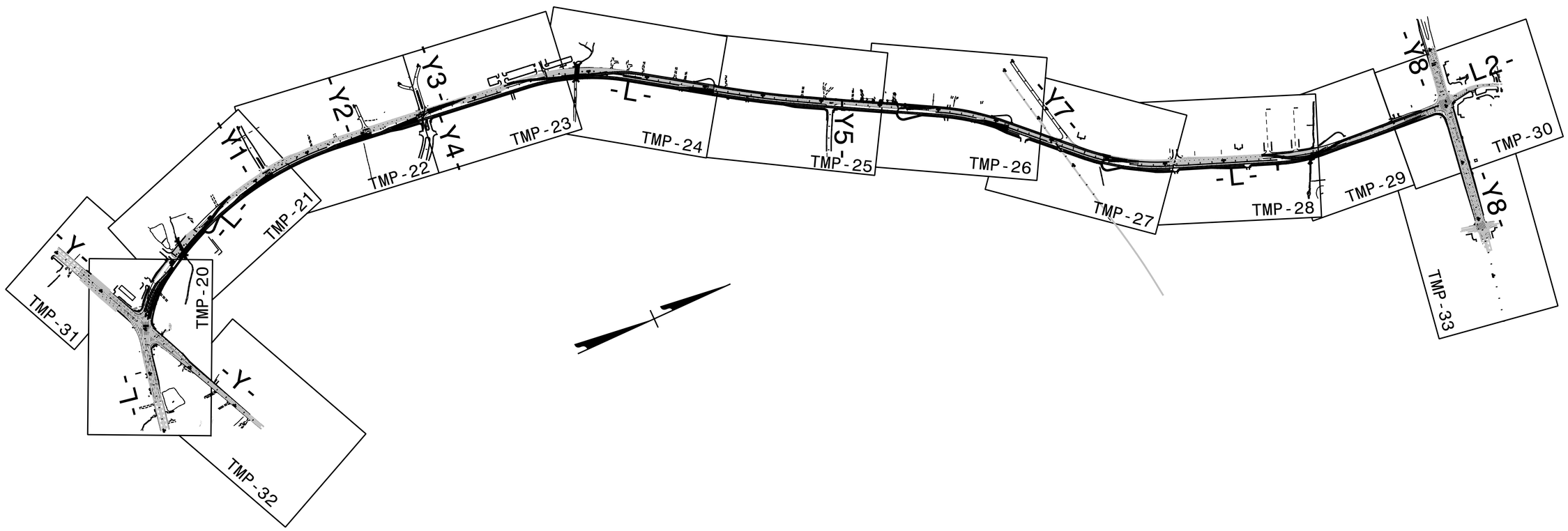
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-19



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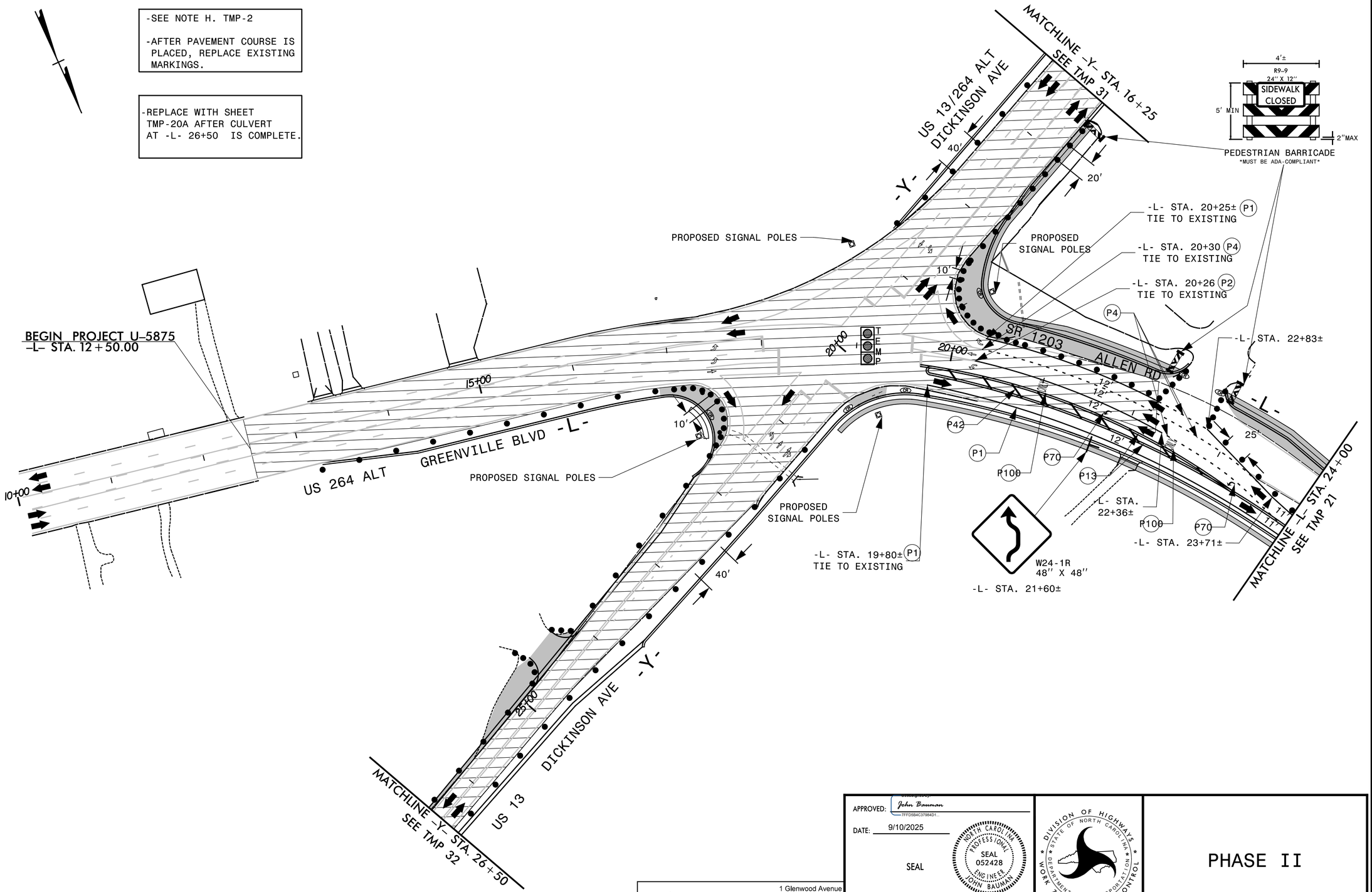
PHASE II OVERVIEW

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-20

-SEE NOTE H. TMP-2

-AFTER PAVEMENT COURSE IS PLACED, REPLACE EXISTING MARKINGS.

-REPLACE WITH SHEET TMP-20A AFTER CULVERT AT -L- 26+50 IS COMPLETE.



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7FFD584C37984D1...

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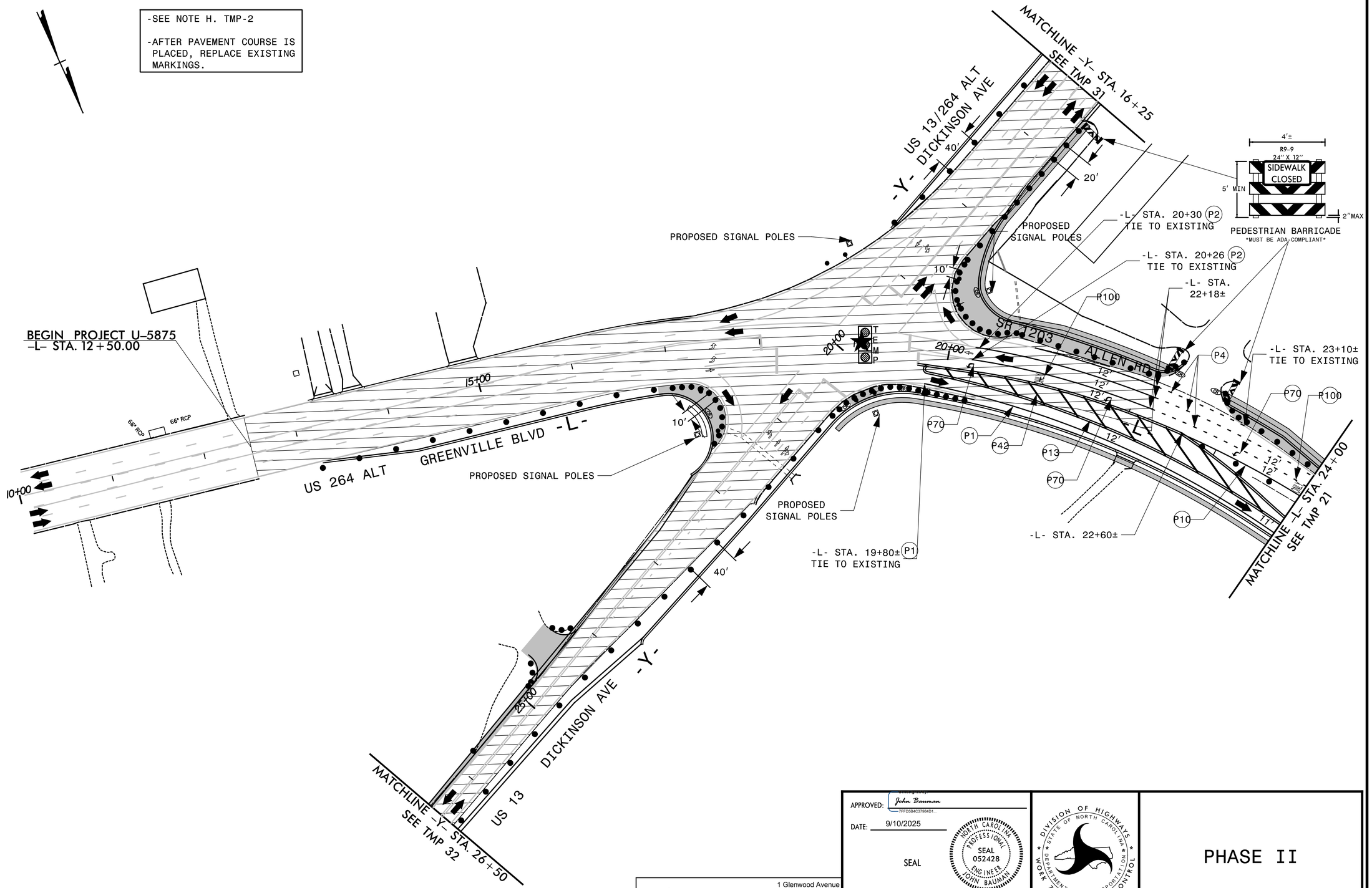
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-20A

-SEE NOTE H. TMP-2

-AFTER PAVEMENT COURSE IS PLACED, REPLACE EXISTING MARKINGS.



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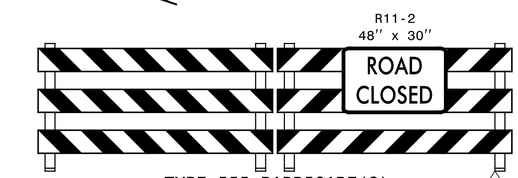
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-21

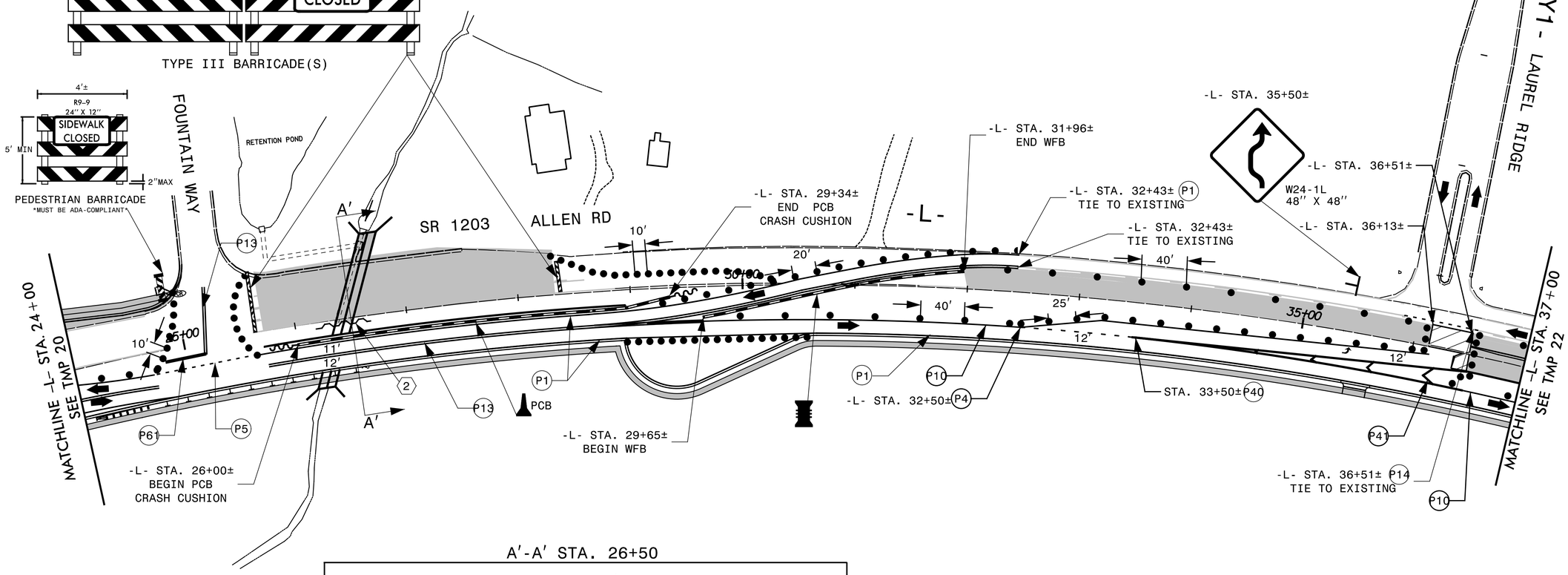
SEE NOTE H. TMP-2

-REPLACE WITH SHEET TMP-21A AFTER CULVERT AT -L- 26+50 IS COMPLETE.

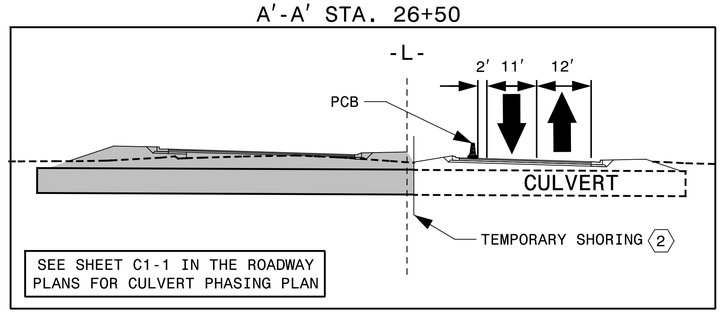


TYPE III BARRICADE(S)

PEDESTRIAN BARRICADE
MUST BE ADA-COMPLIANT



A'-A' STA. 26+50



SEE SHEET C1-1 IN THE ROADWAY PLANS FOR CULVERT PHASING PLAN

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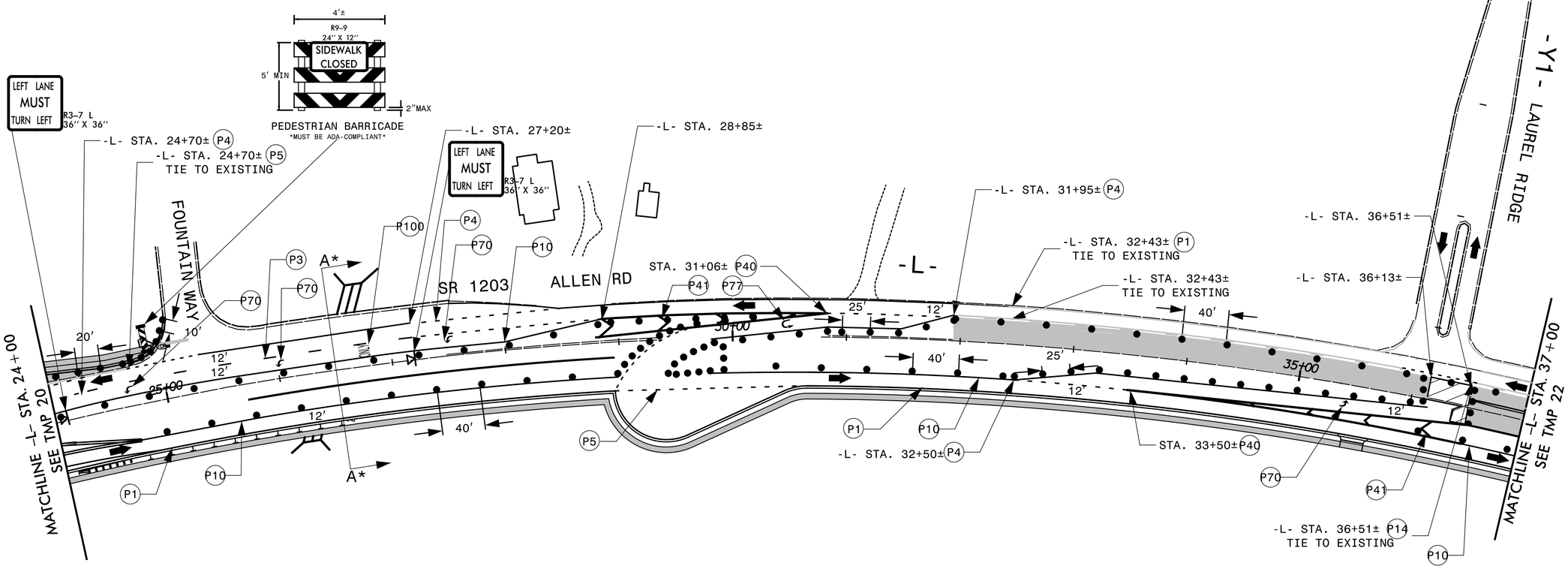
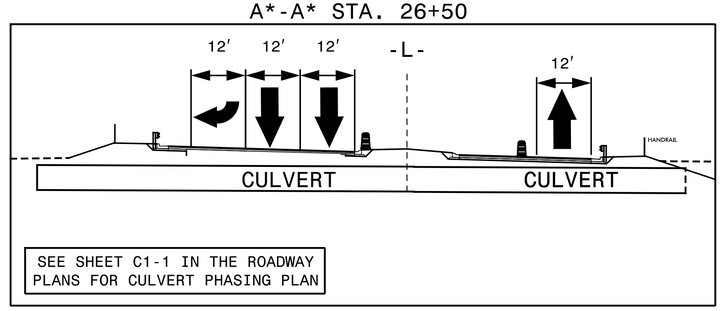
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-21A

SEE NOTE H. TMP-2



A*-A* STA. 26+50



SEE SHEET C1-1 IN THE ROADWAY PLANS FOR CULVERT PHASING PLAN

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DATE: 9/10/2025

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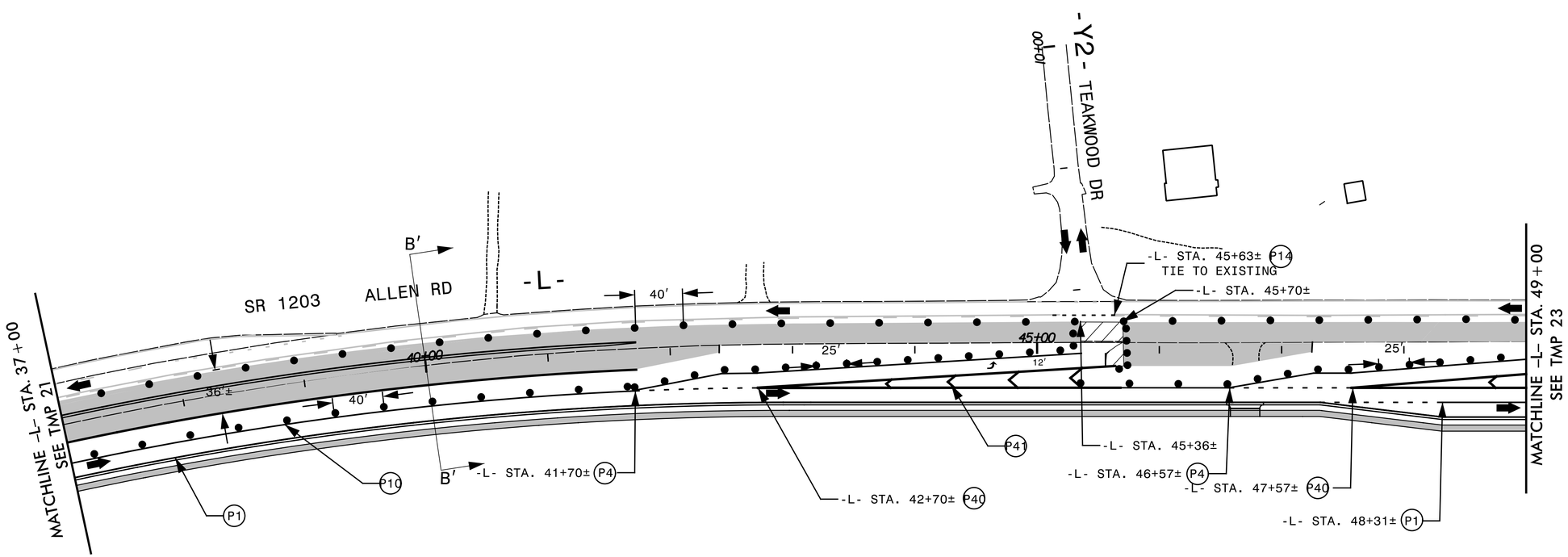
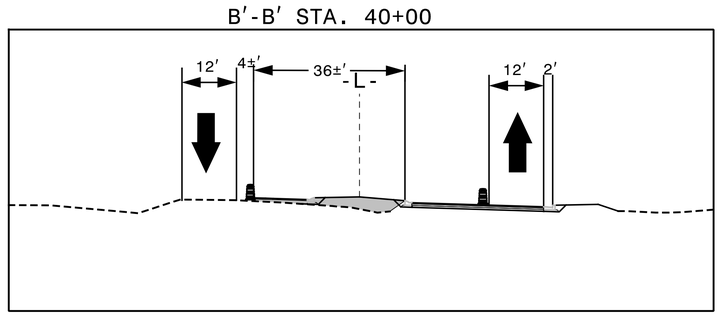
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-22

SEE NOTE H. TMP-2



B'-B' STA. 40+00



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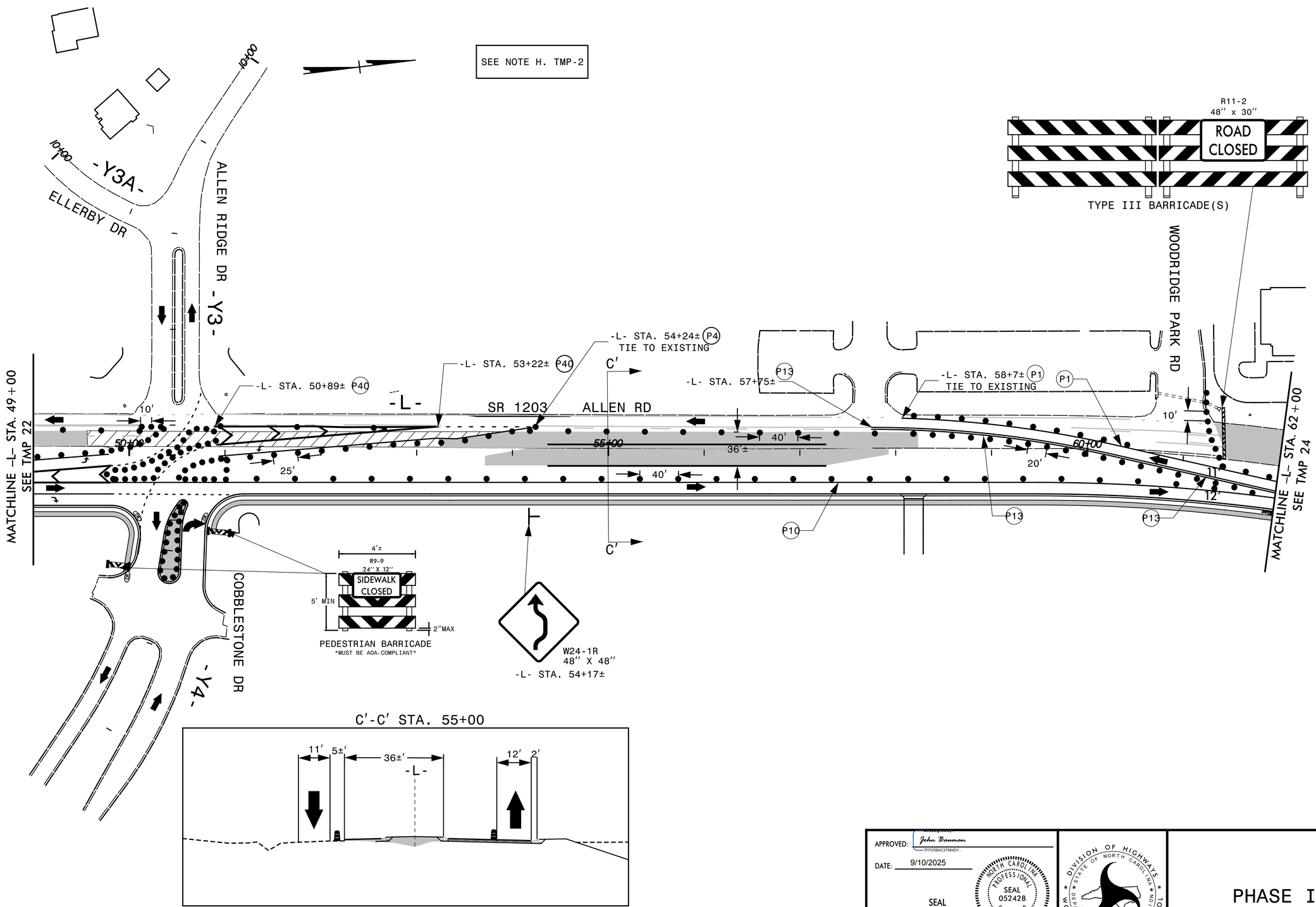
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-23



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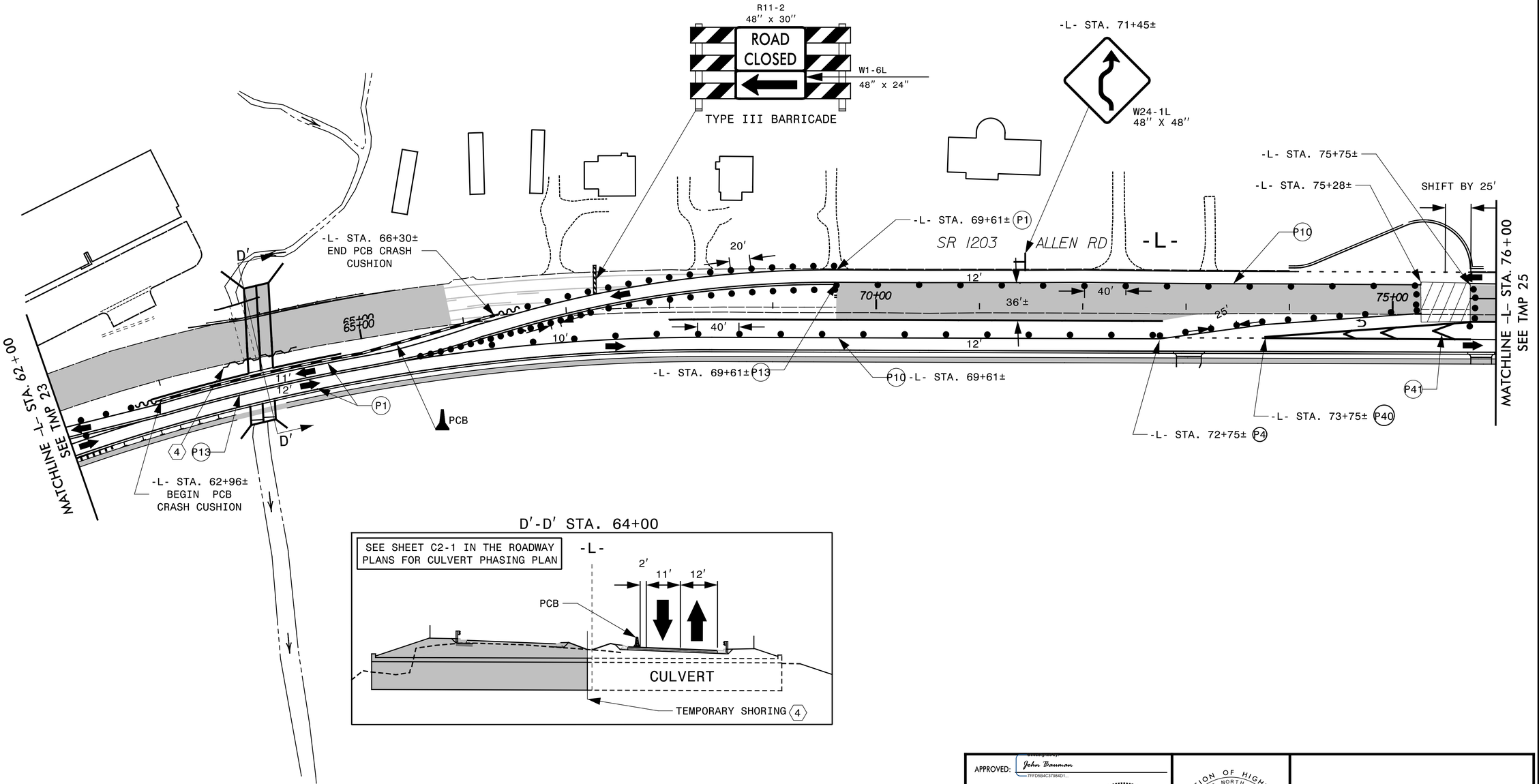
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-24

SEE NOTE H. TMP-2



D'-D' STA. 64+00

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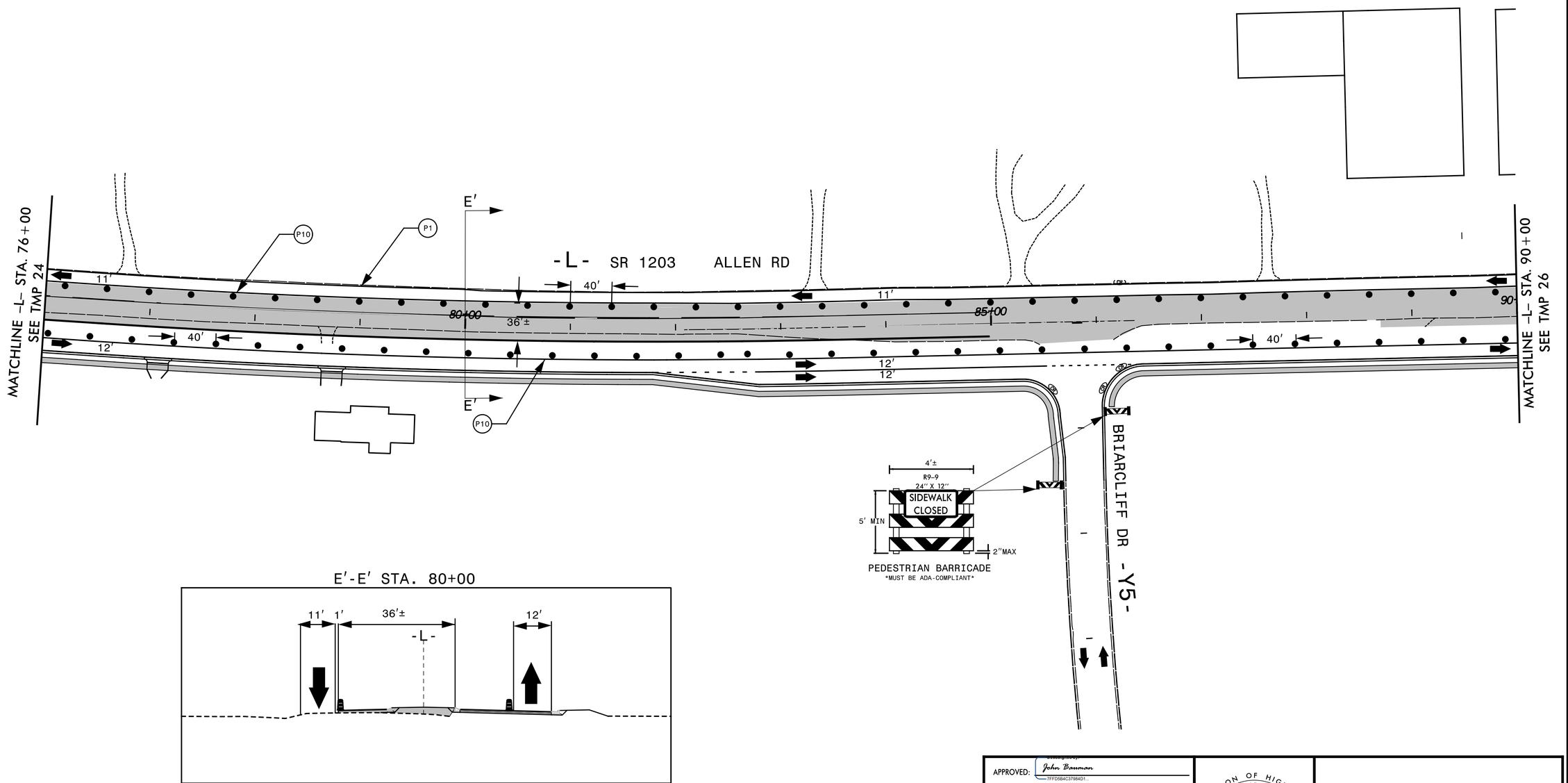
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-25

SEE NOTE H. TMP-2



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PROJ. REFERENCE NO.	SHEET NO.
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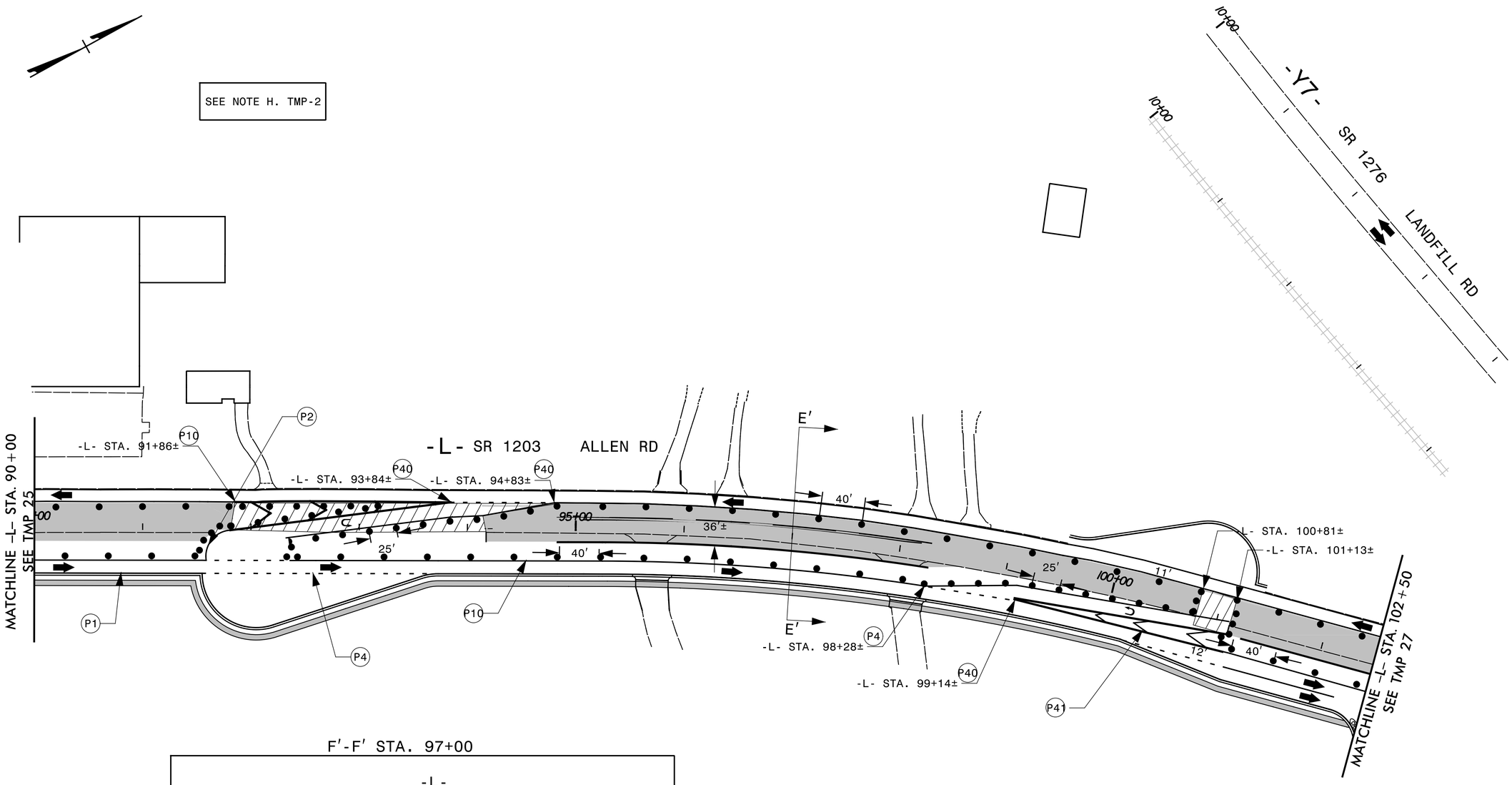
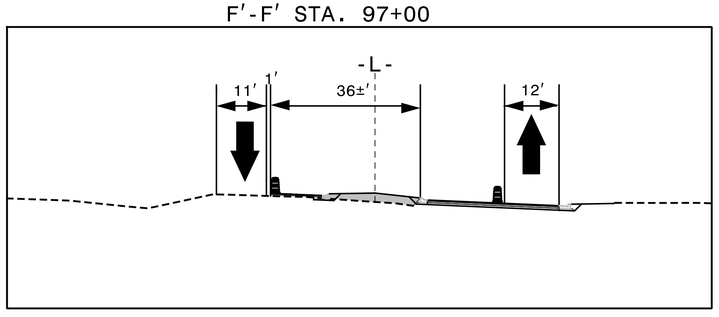


F'-F' STA. 97+00



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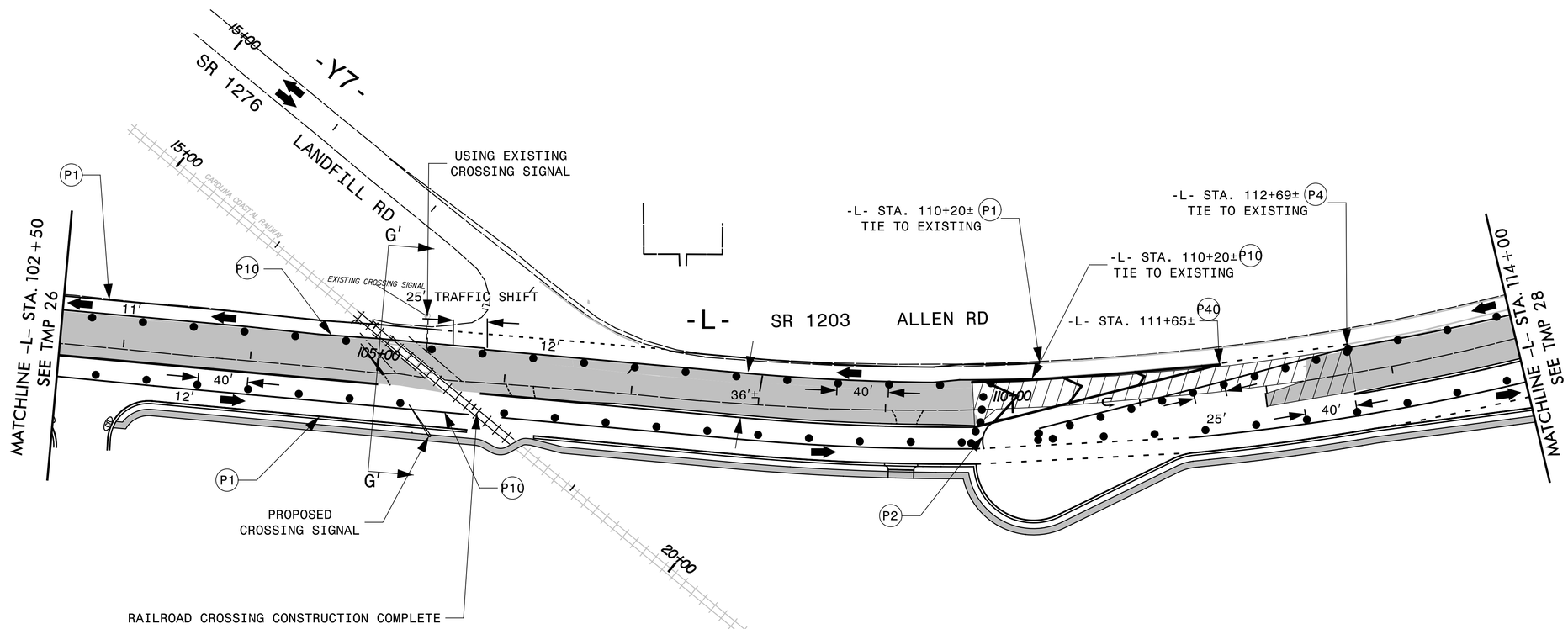
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-27

SEE NOTE H. TMP-2



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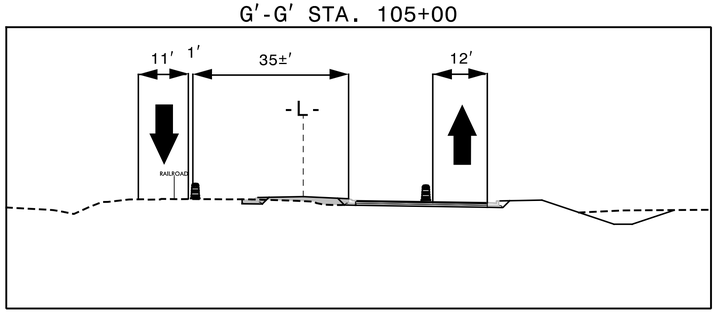

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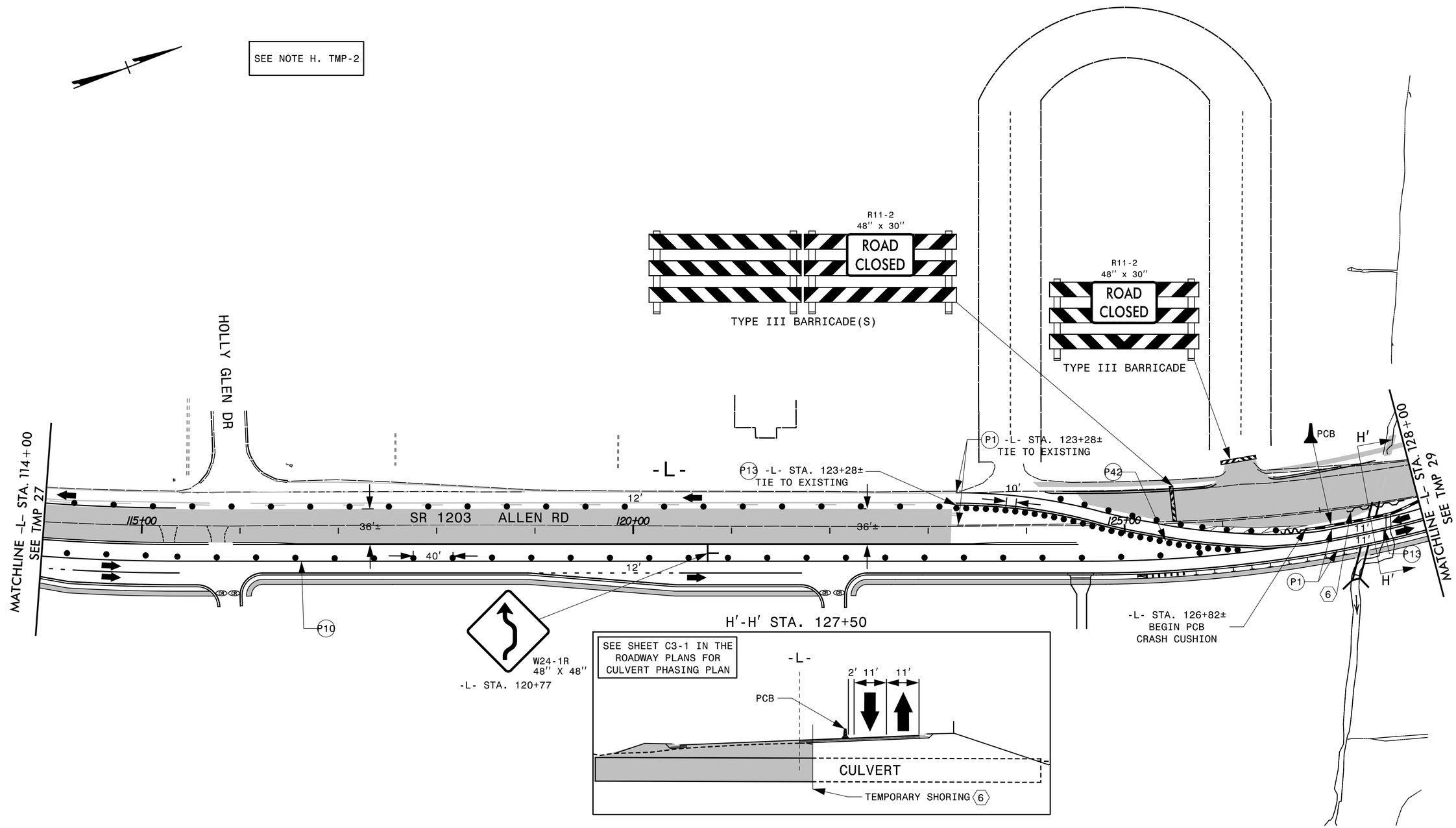
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-28



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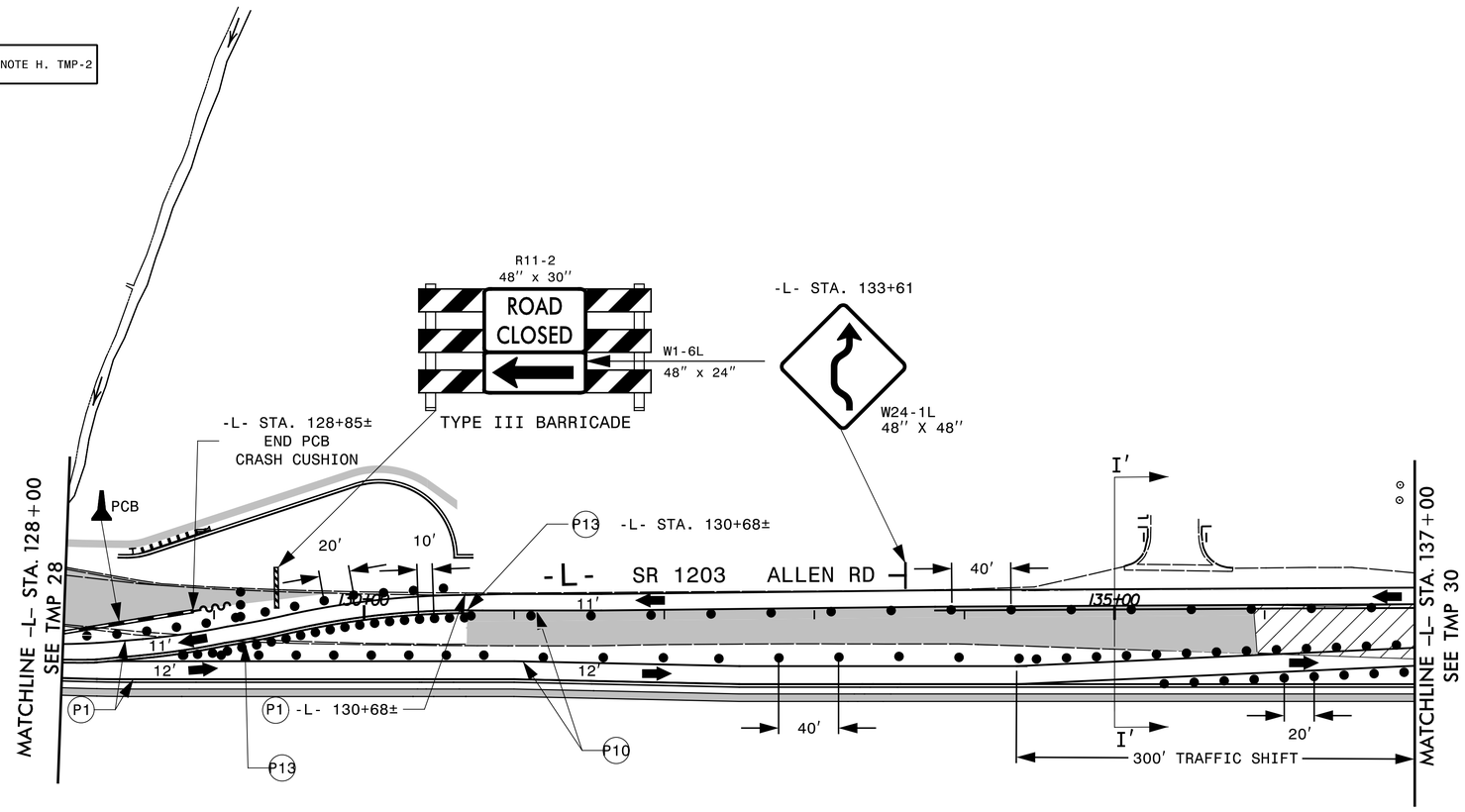
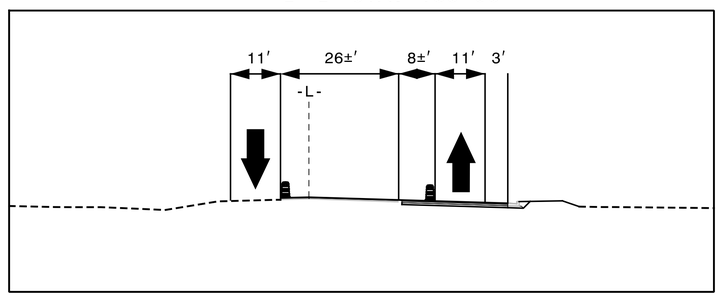
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-29

SEE NOTE H. TMP-2



I'-I' STA. 135+00



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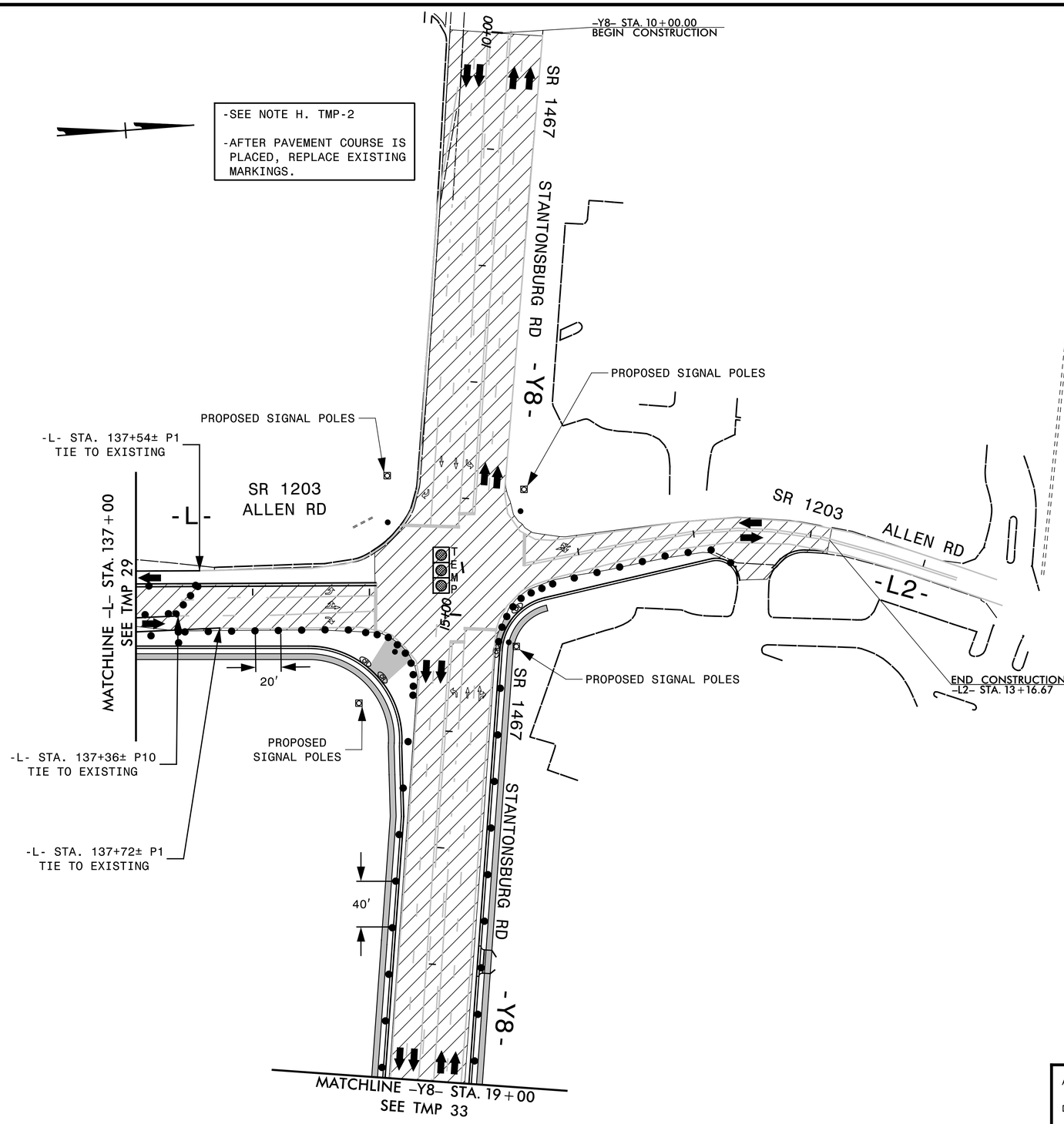
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-30



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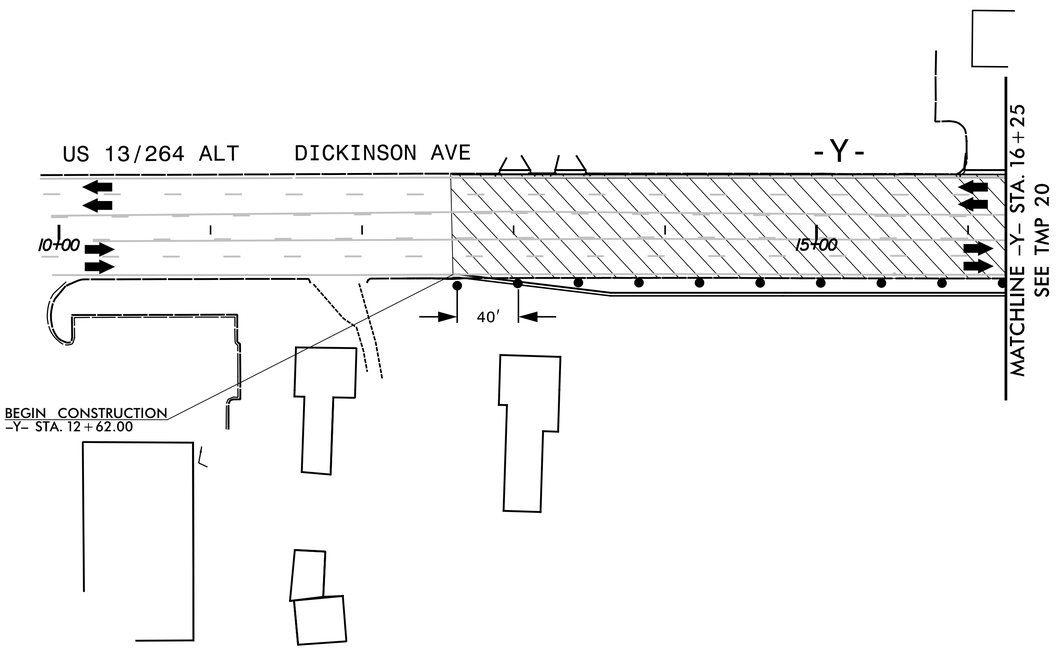
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-31

-SEE NOTE H. TMP-2

-AFTER PAVEMENT COURSE IS PLACED, REPLACE EXISTING MARKINGS.



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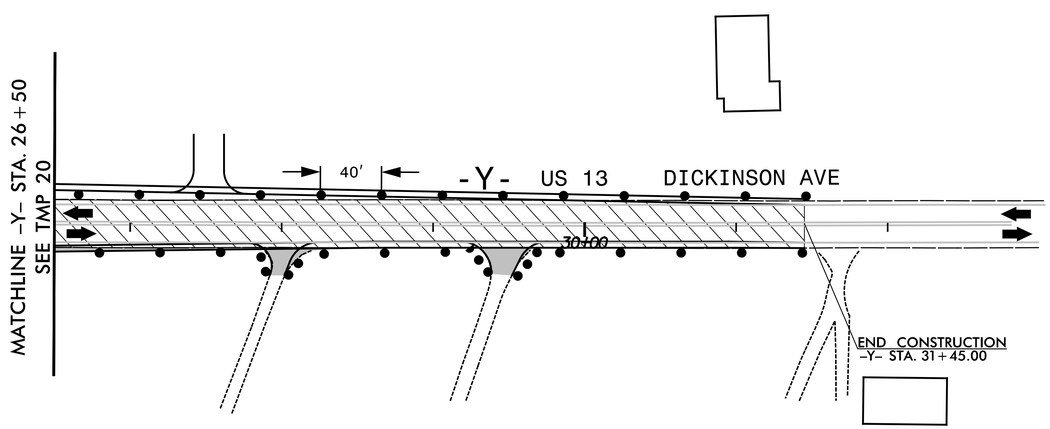
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-32

-SEE NOTE H. TMP-2

-AFTER PAVEMENT COURSE IS PLACED, REPLACE EXISTING MARKINGS.



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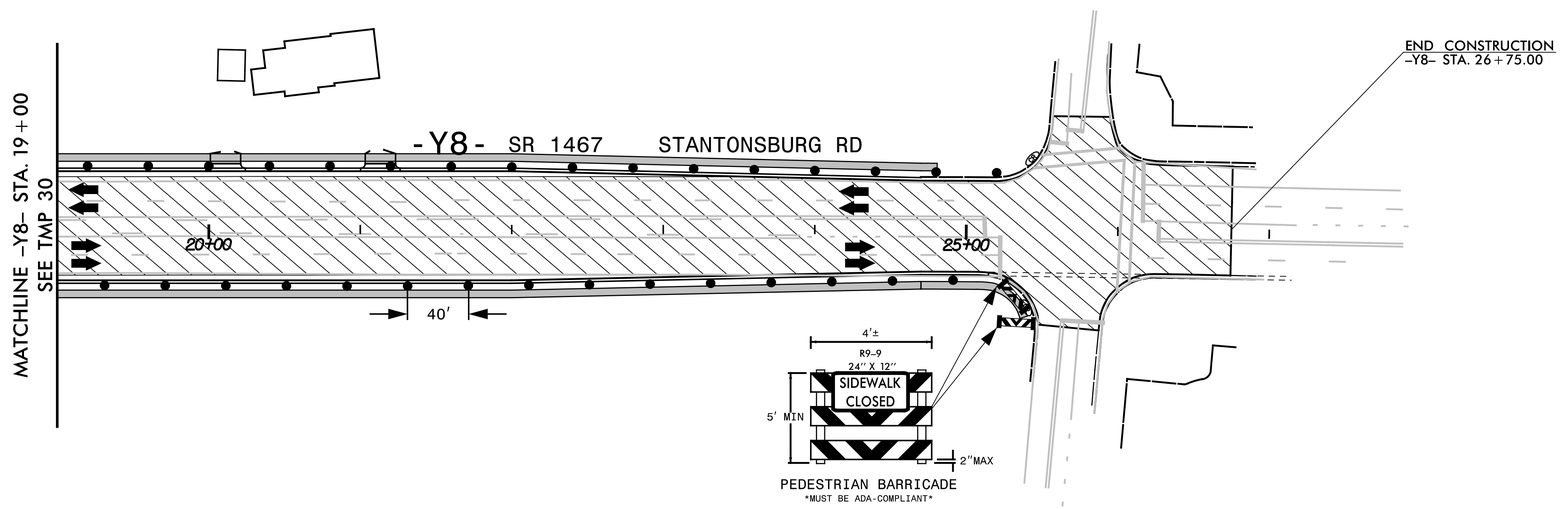
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-33

-SEE NOTE H. TMP-2

-AFTER PAVEMENT COURSE IS PLACED, REPLACE EXISTING MARKINGS.



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PROJ. REFERENCE NO.	SHEET NO.
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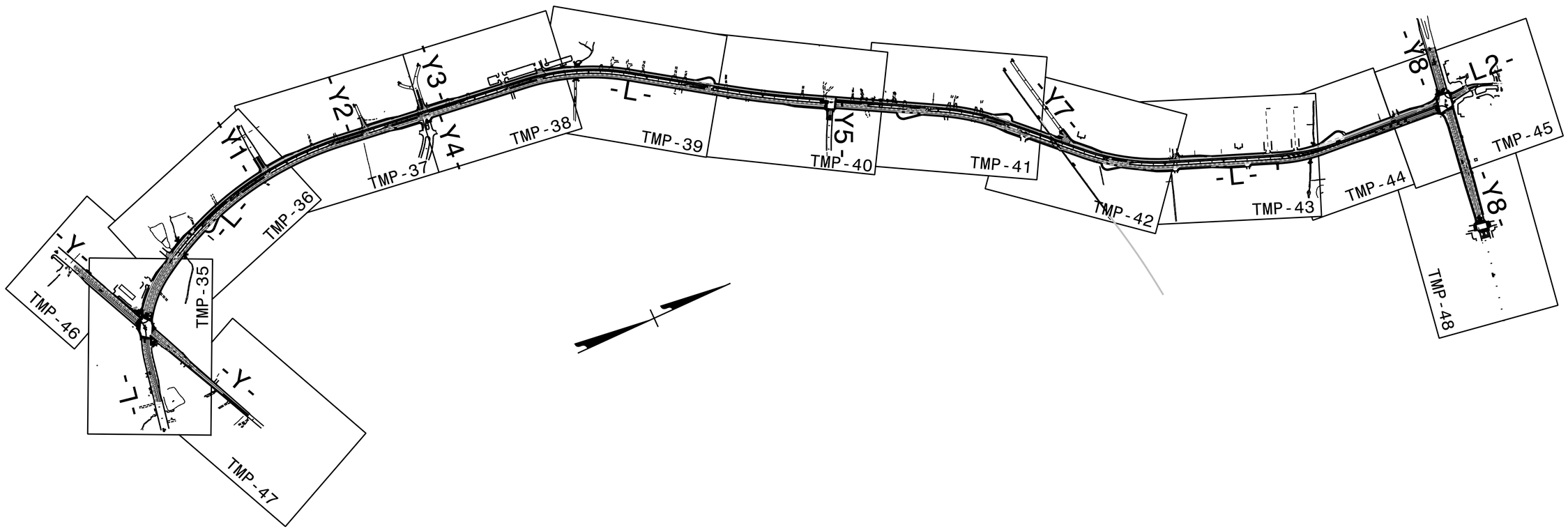

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PHASE III OVERVIEW

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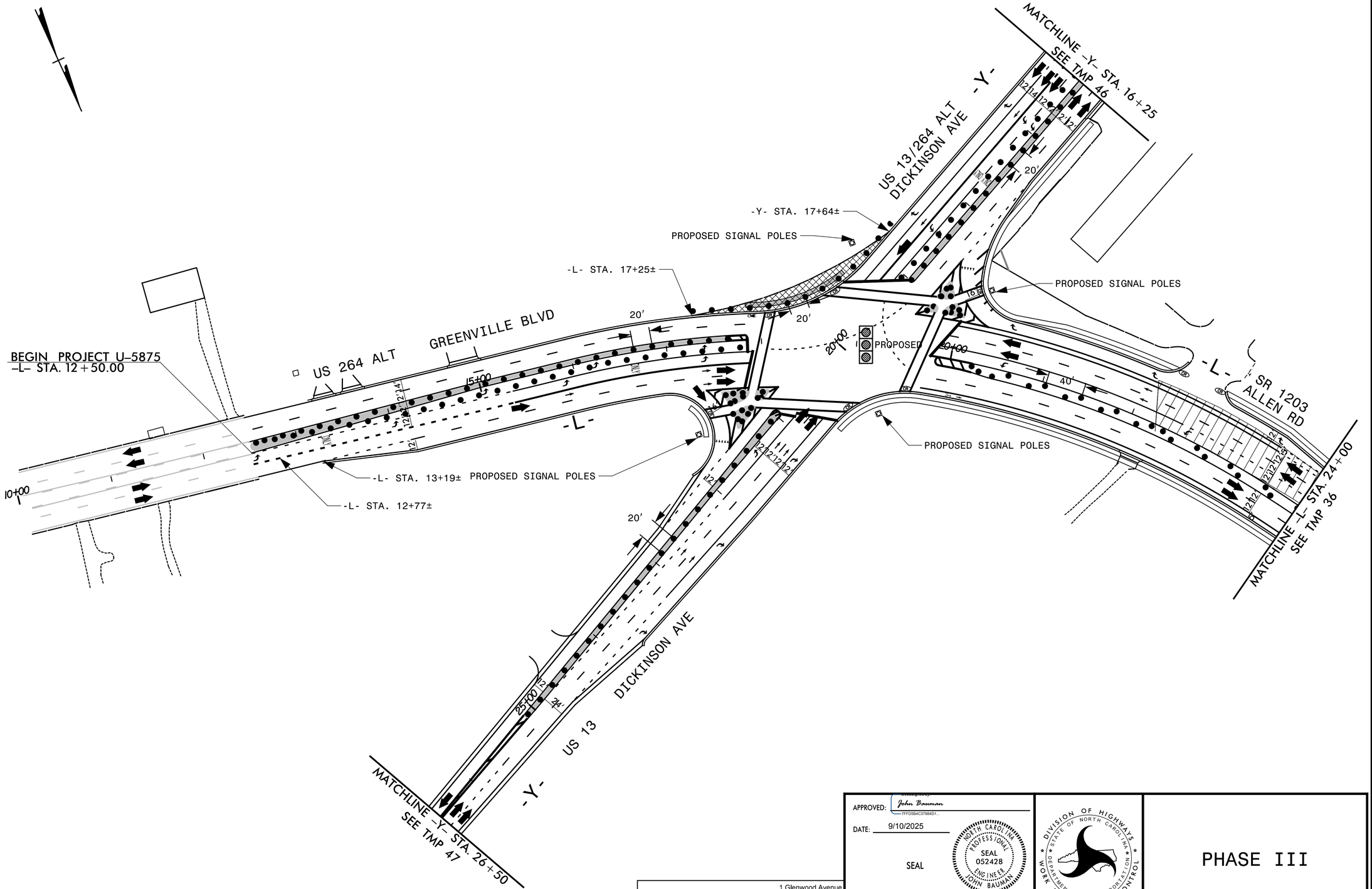

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PROJ. REFERENCE NO.	SHEET NO.
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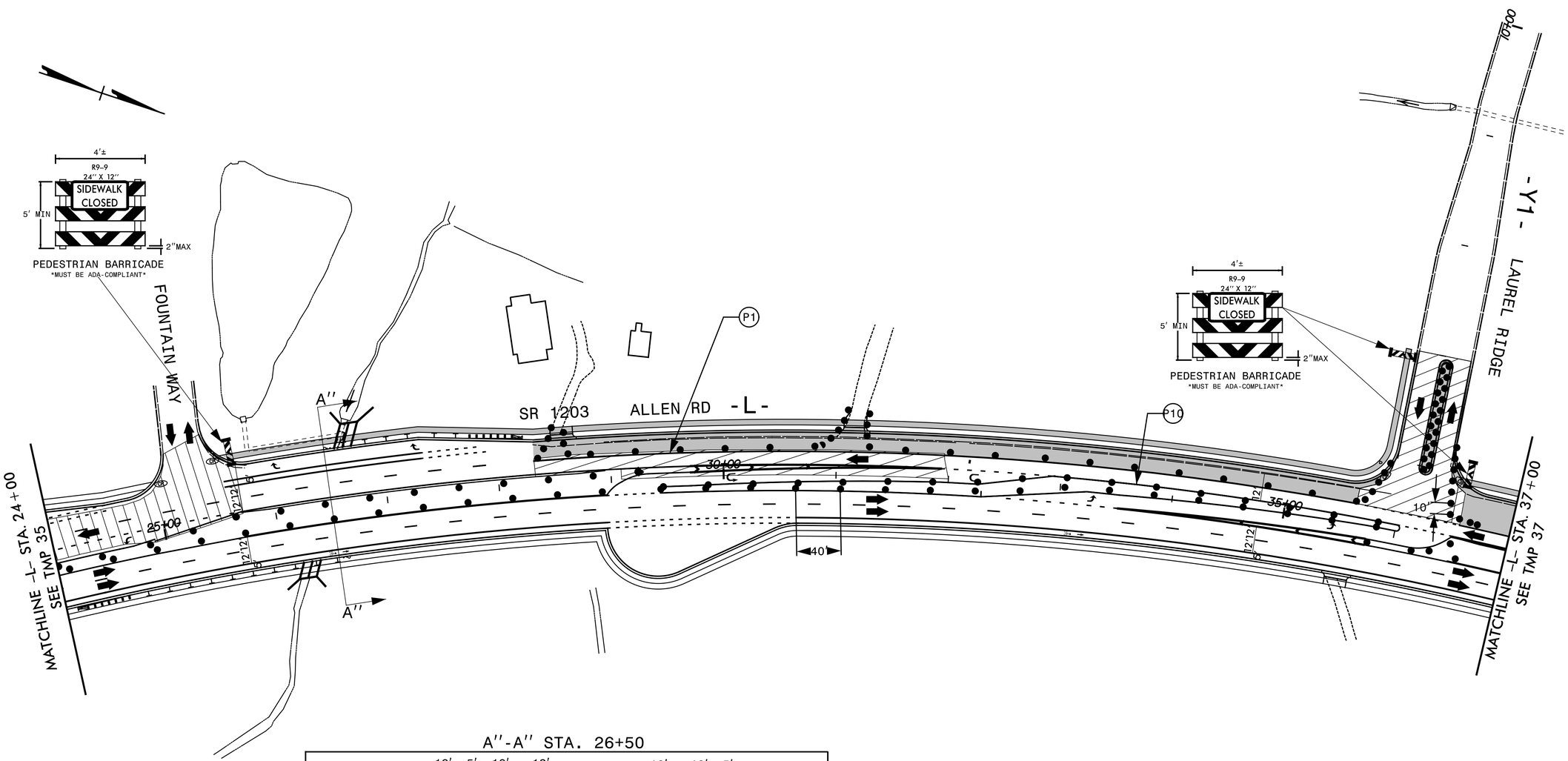
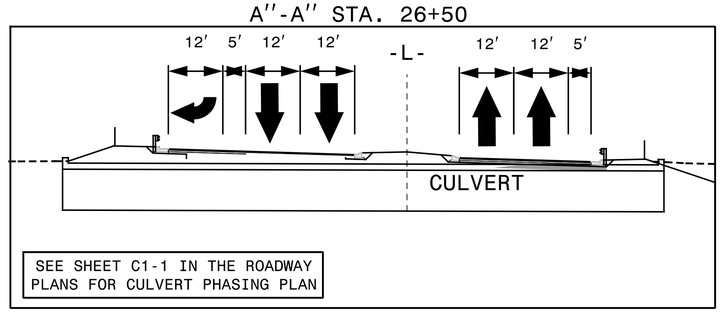


A''-A'' STA. 26+50



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PROJ. REFERENCE NO.	SHEET NO.
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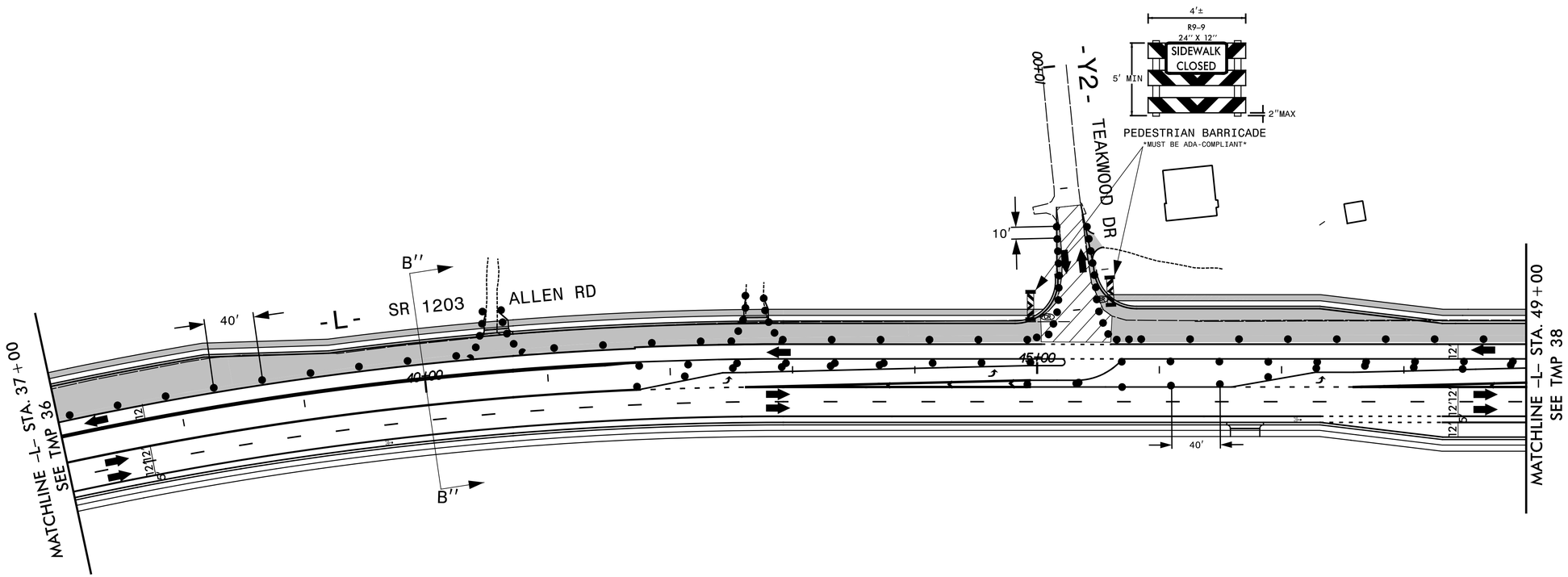
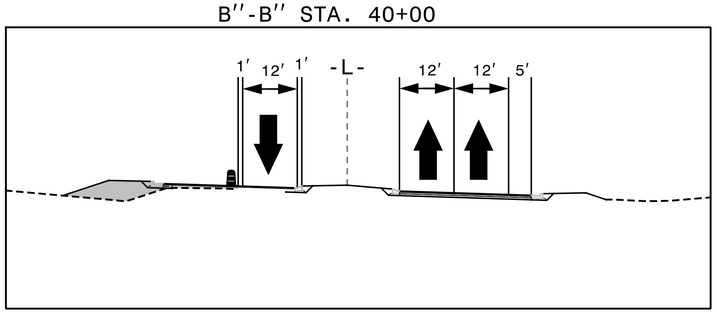


B''-B'' STA. 40+00



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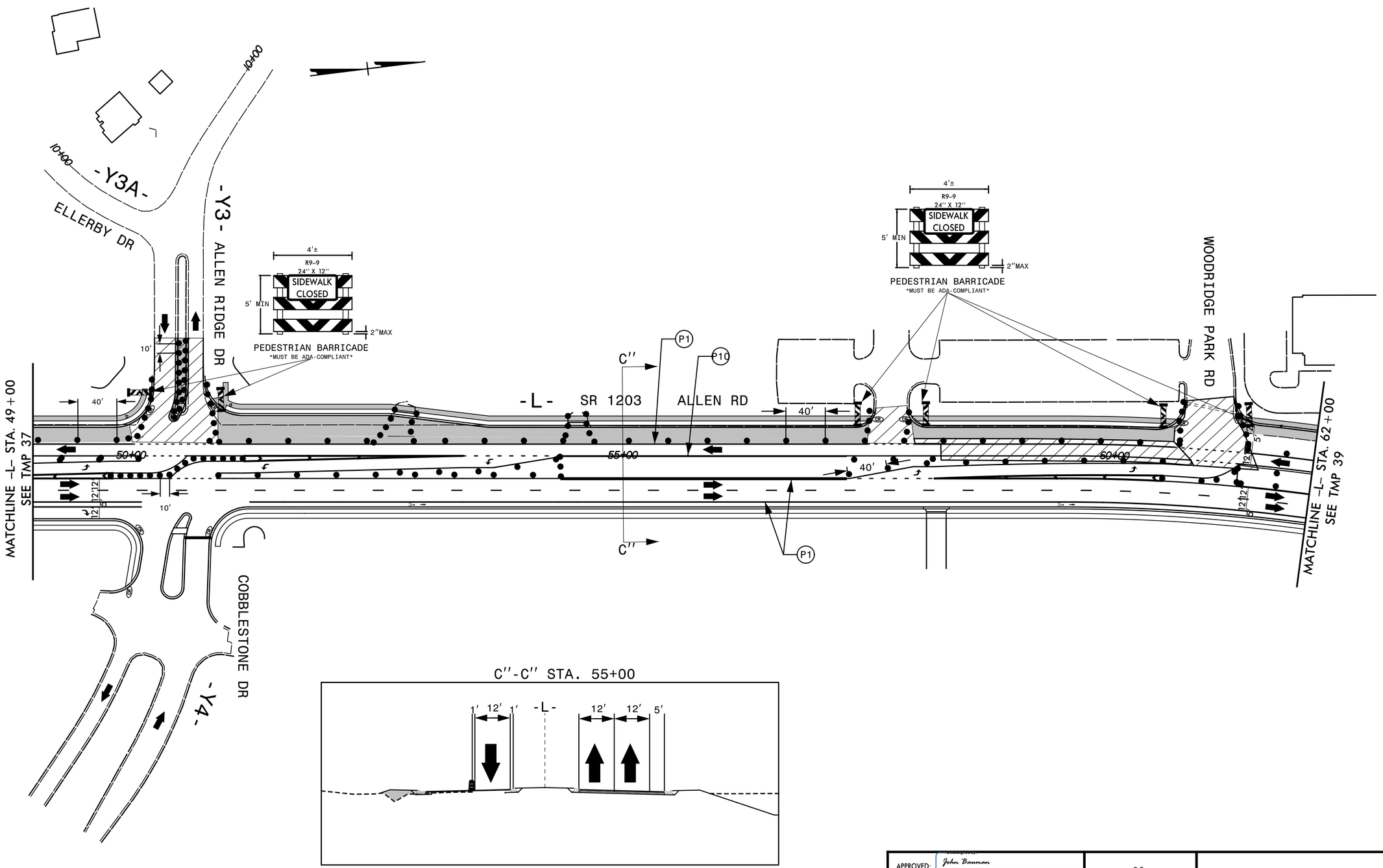

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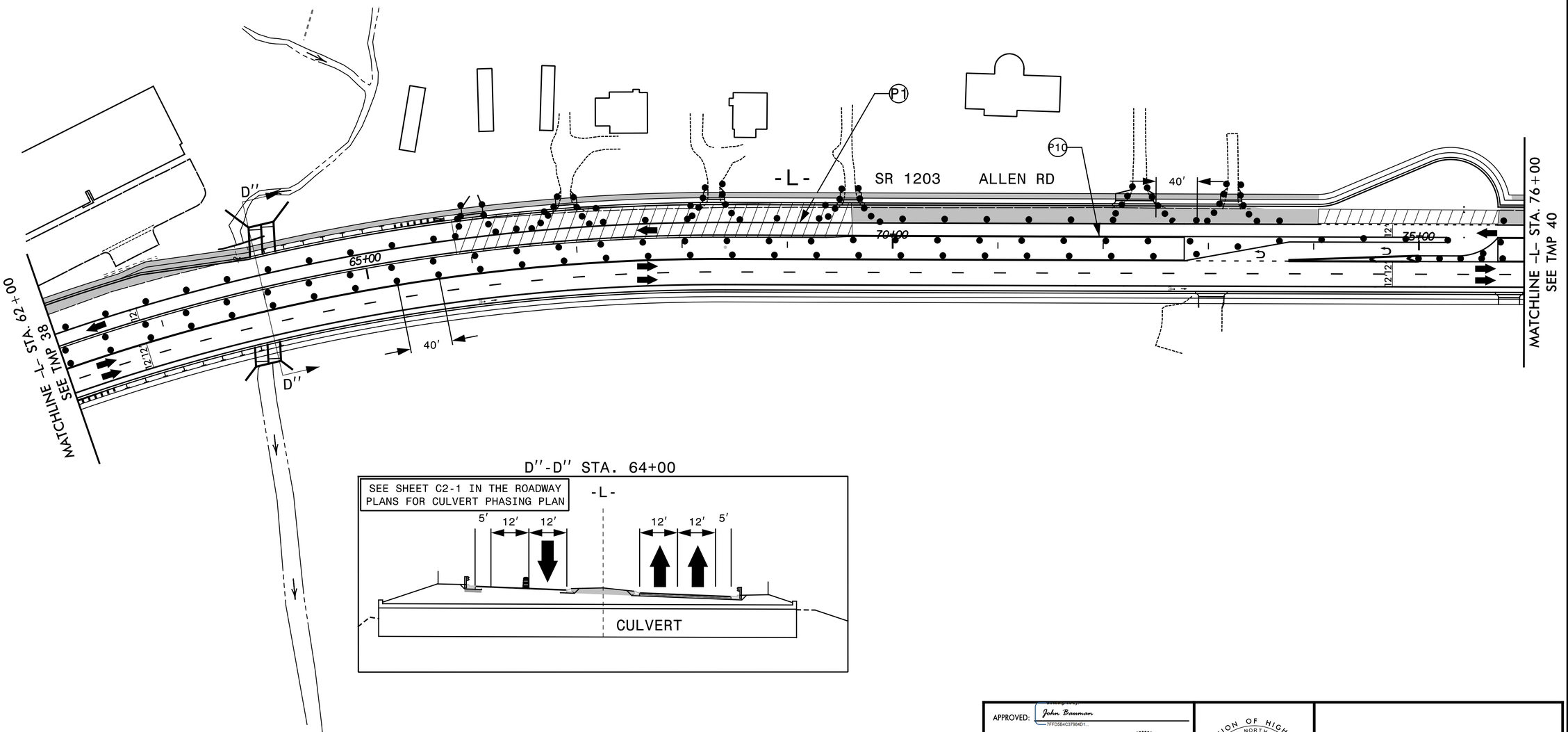

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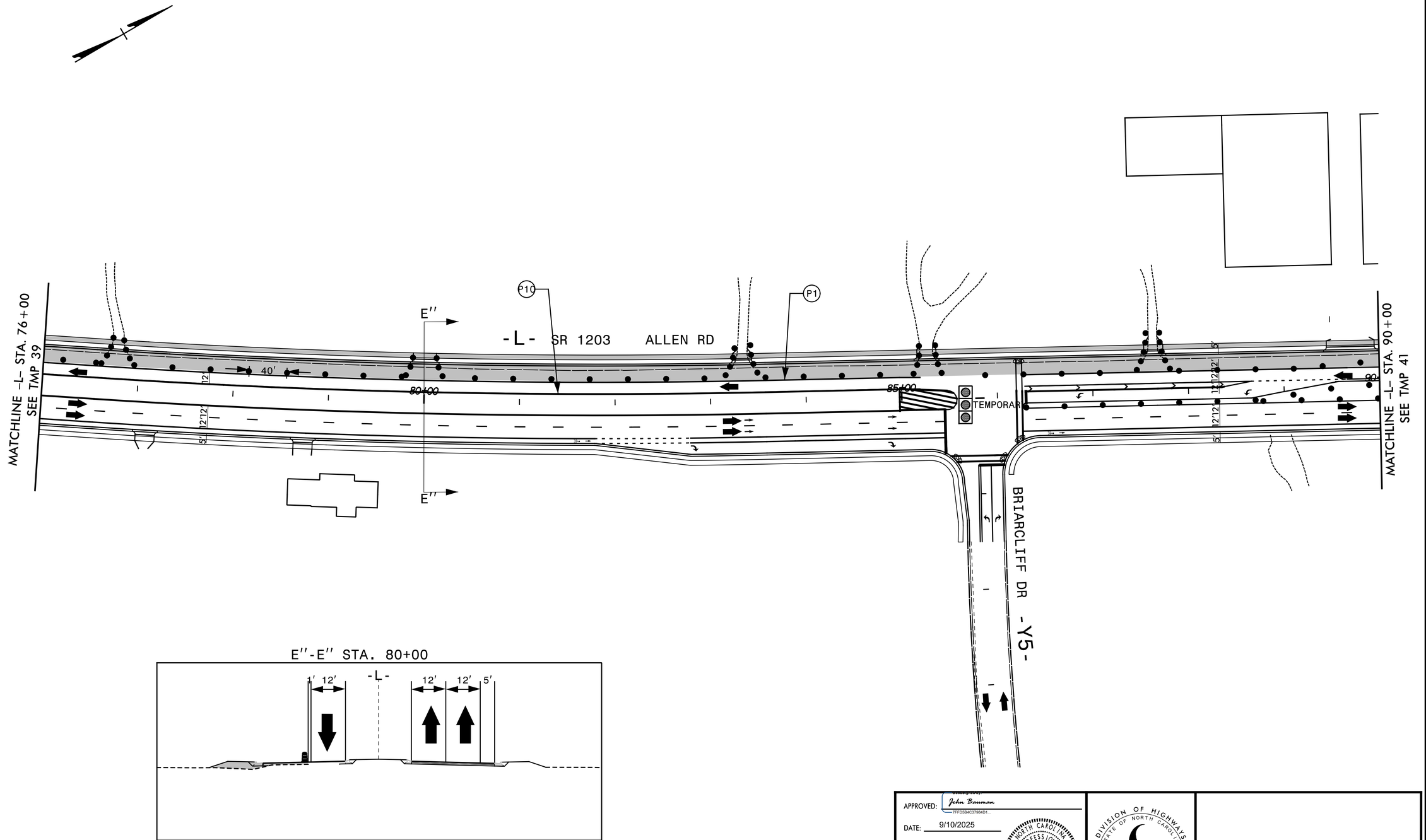

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PHASE III

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1 Glenwood Avenue
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Fax:919.789.9591
License: F-0453

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X:\2016\R016.010.00_U-5875\TP\Traffic\TMP\U-5875 TMP-40.dgn
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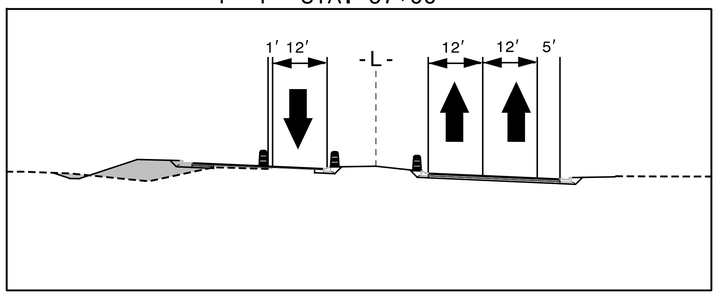
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-41

F''-F'' STA. 97+00



APPROVED: John Bauman
DocuSigned by:
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DATE: 9/10/2025

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 052428 ENGINEER JOHN BAUMAN

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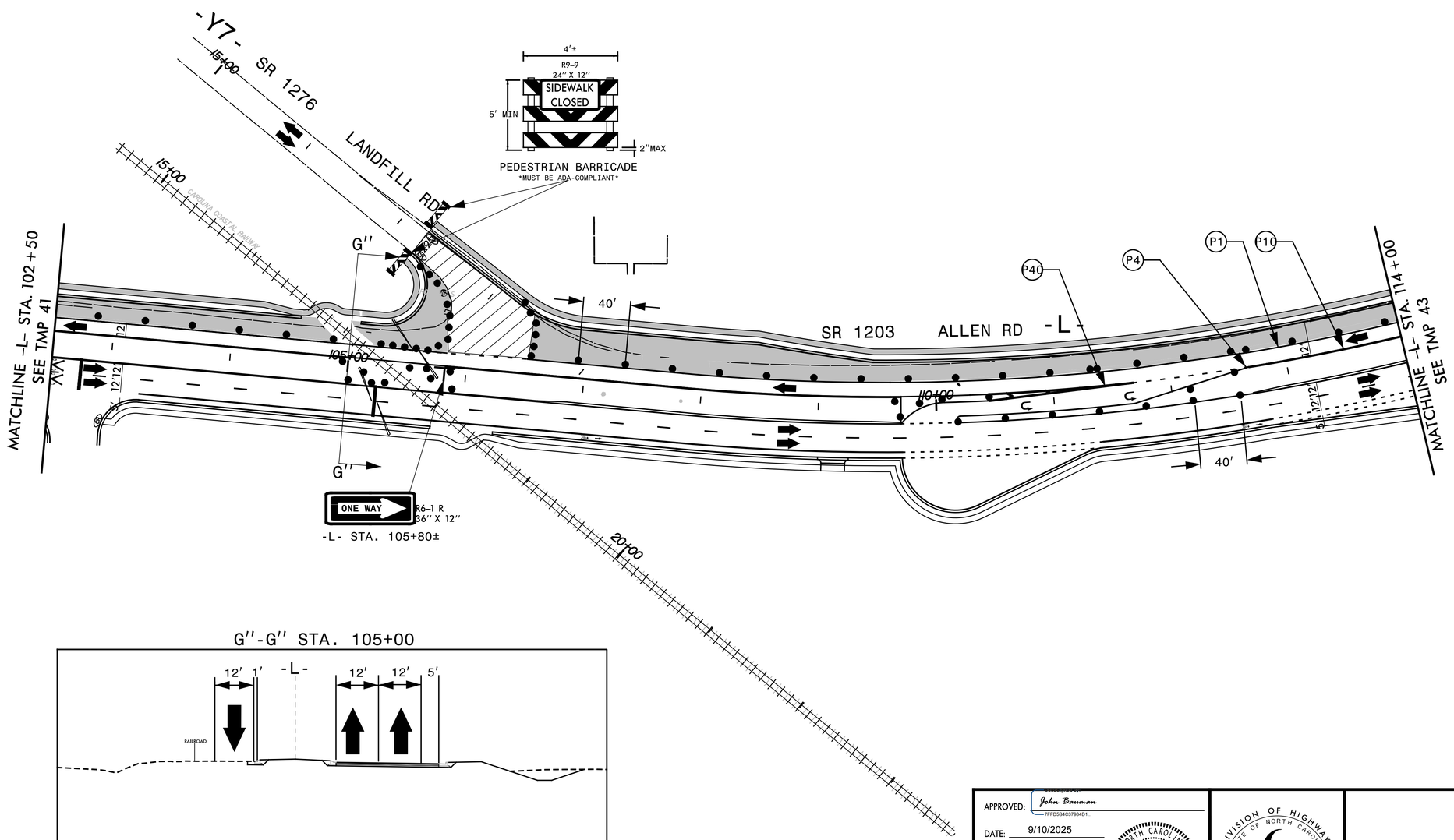
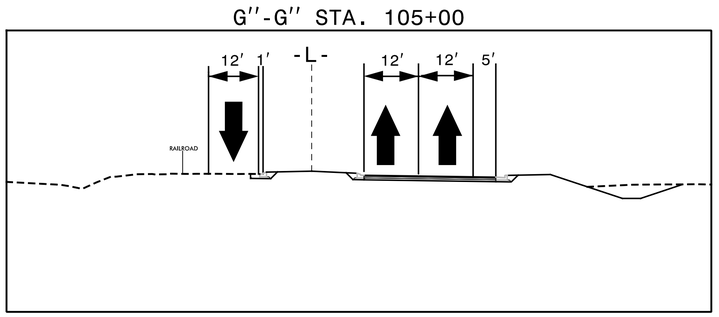
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-42



G''-G'' STA. 105+00



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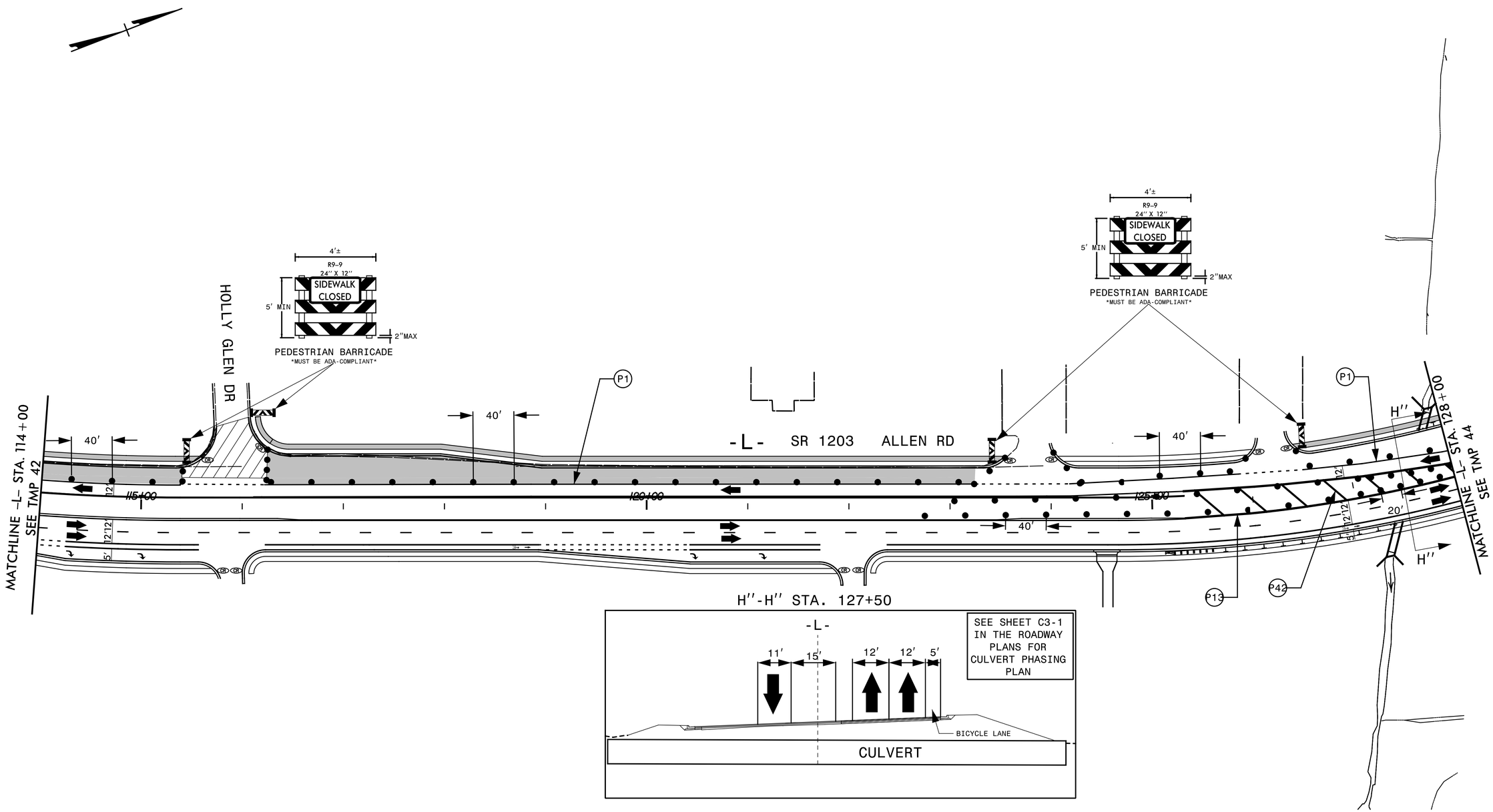
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-43



APPROVED: John Bauman
7FFD584C37984D1...

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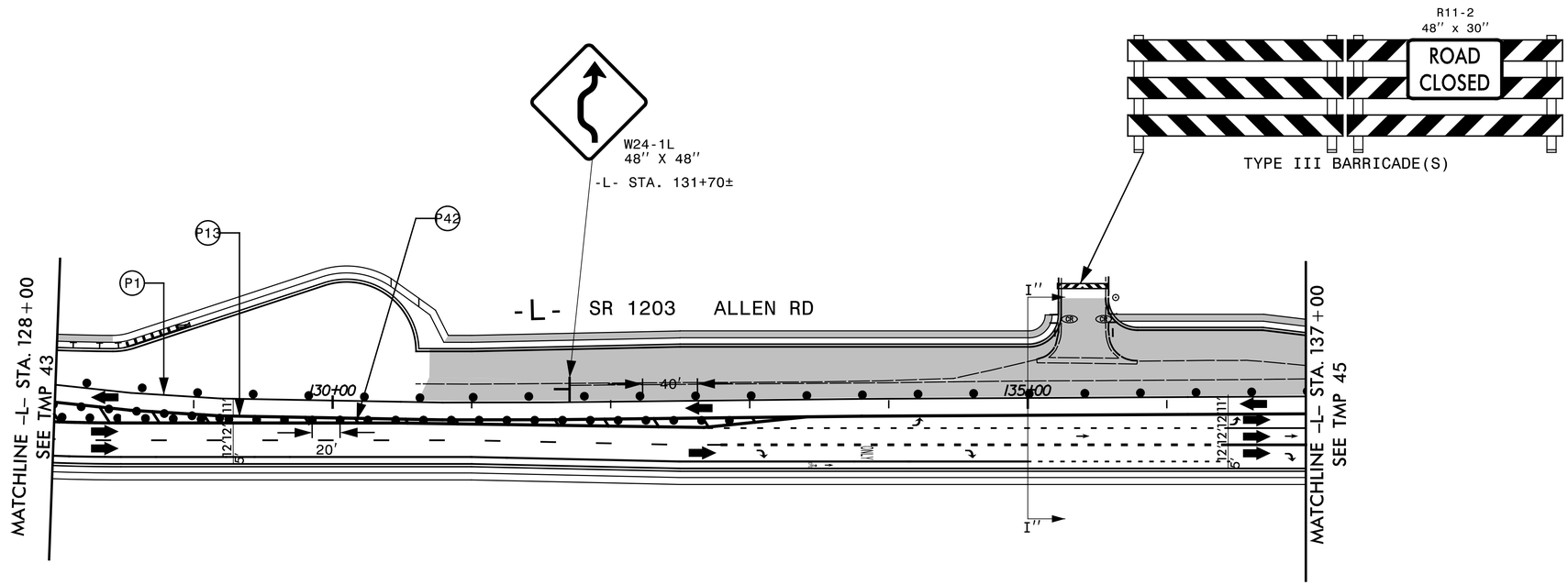
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-44



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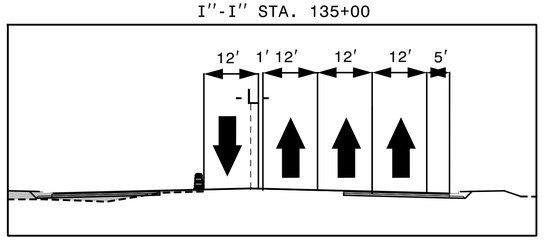

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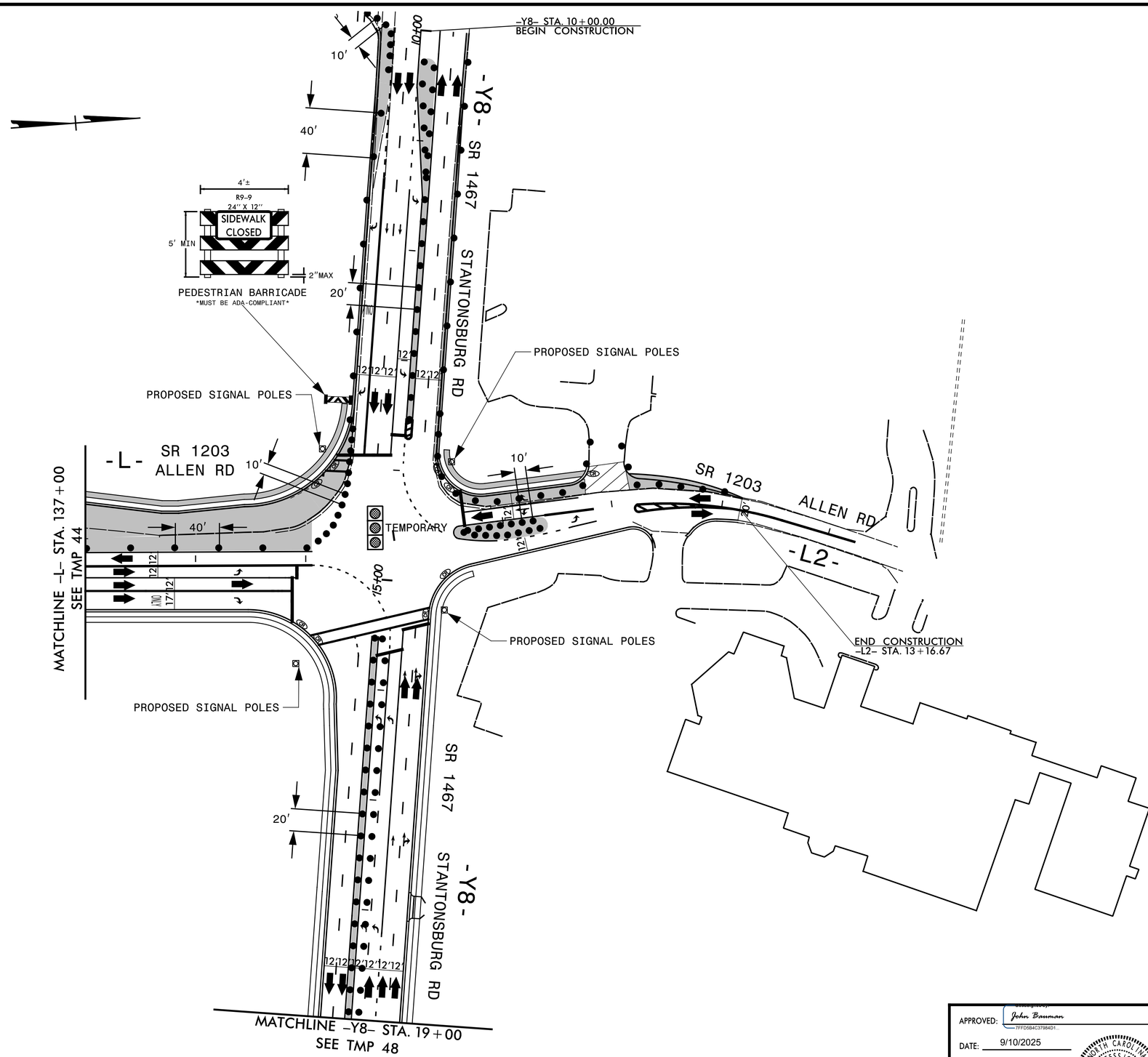
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-45



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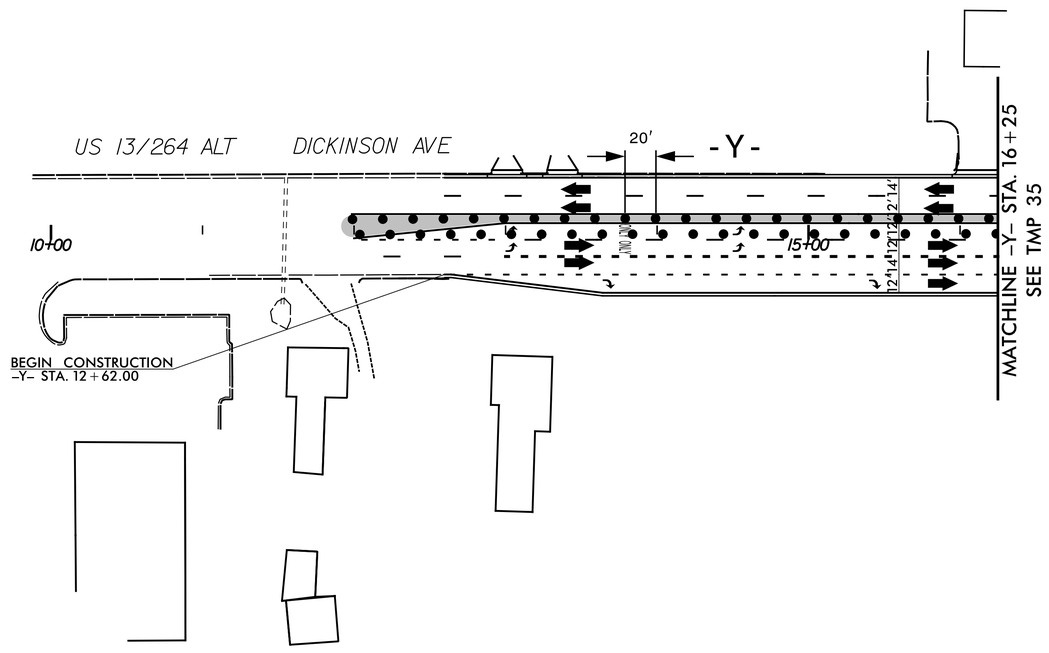
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-46



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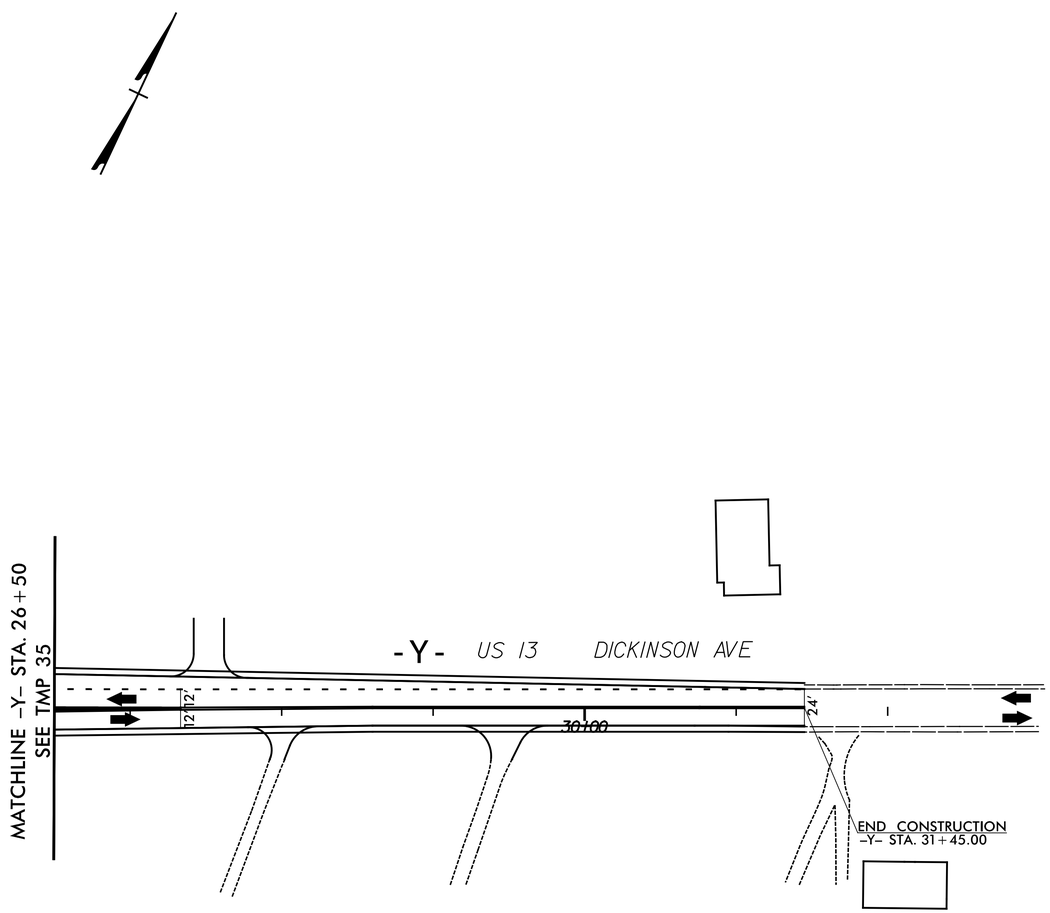
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-47



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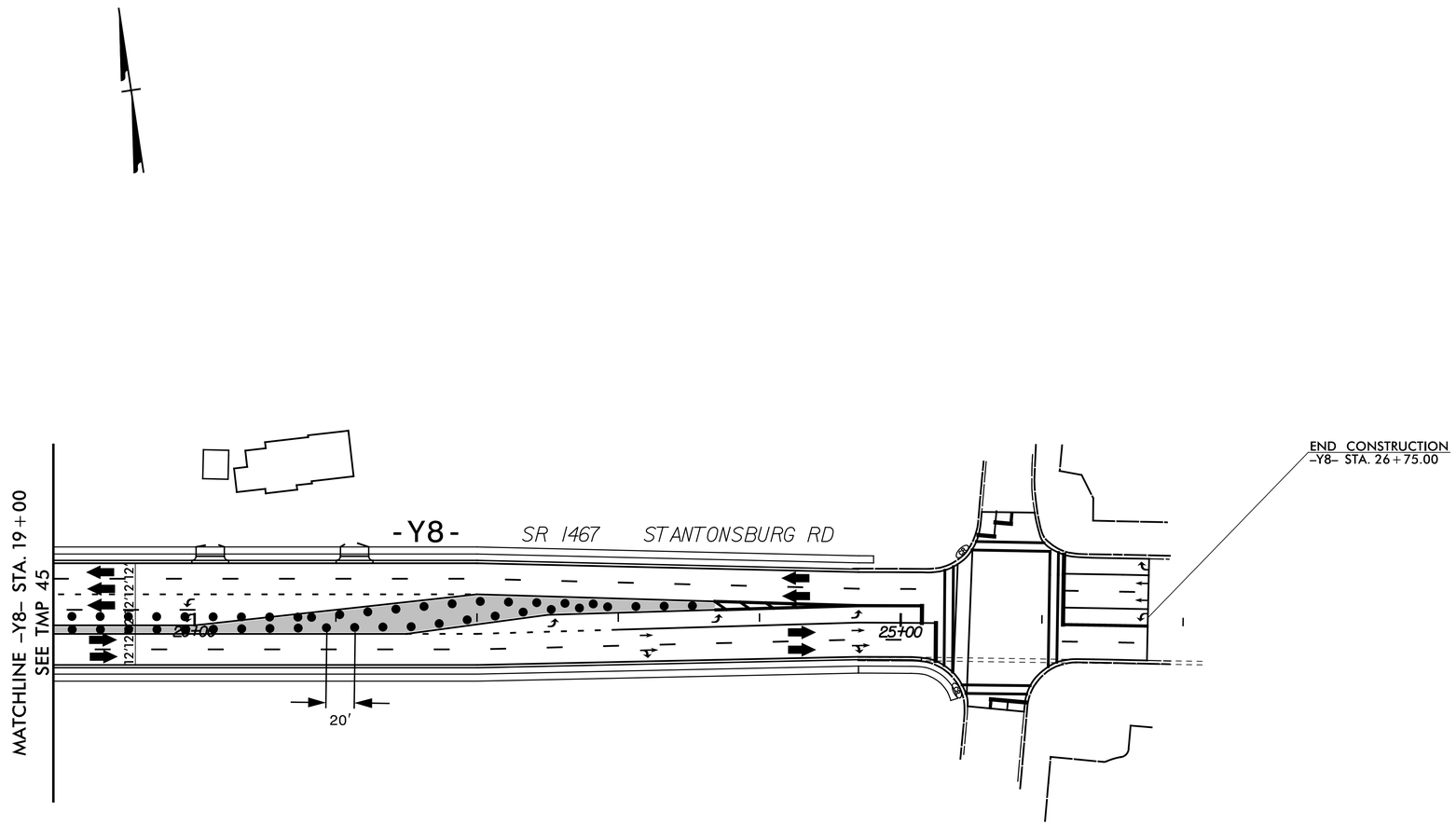
PHASE III

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-48



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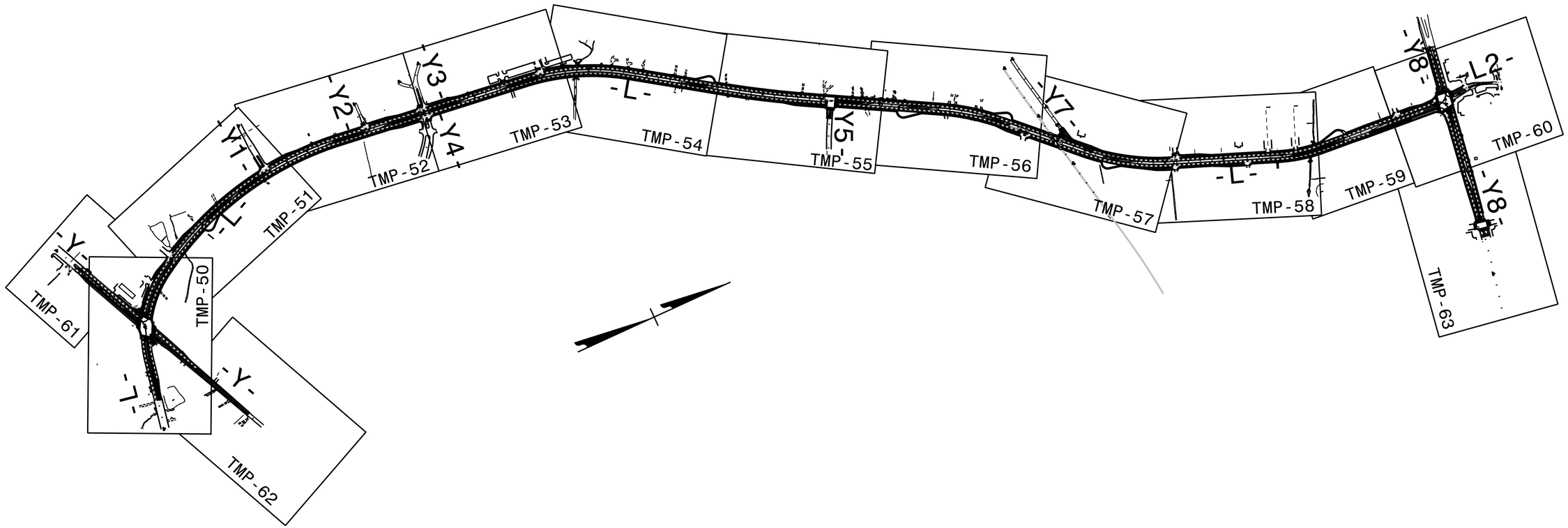
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-49



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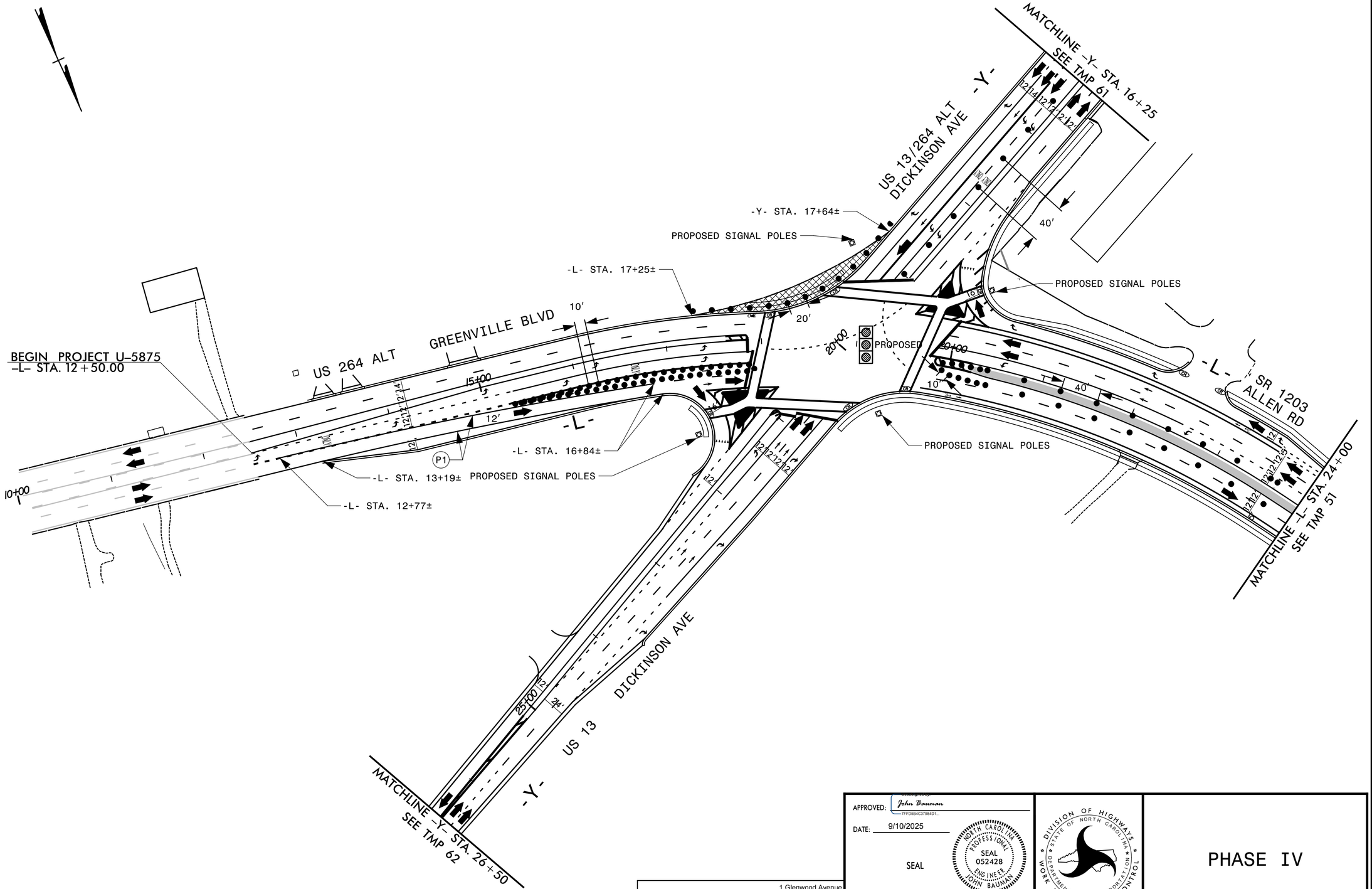
PHASE IV
OVERVIEW

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-50



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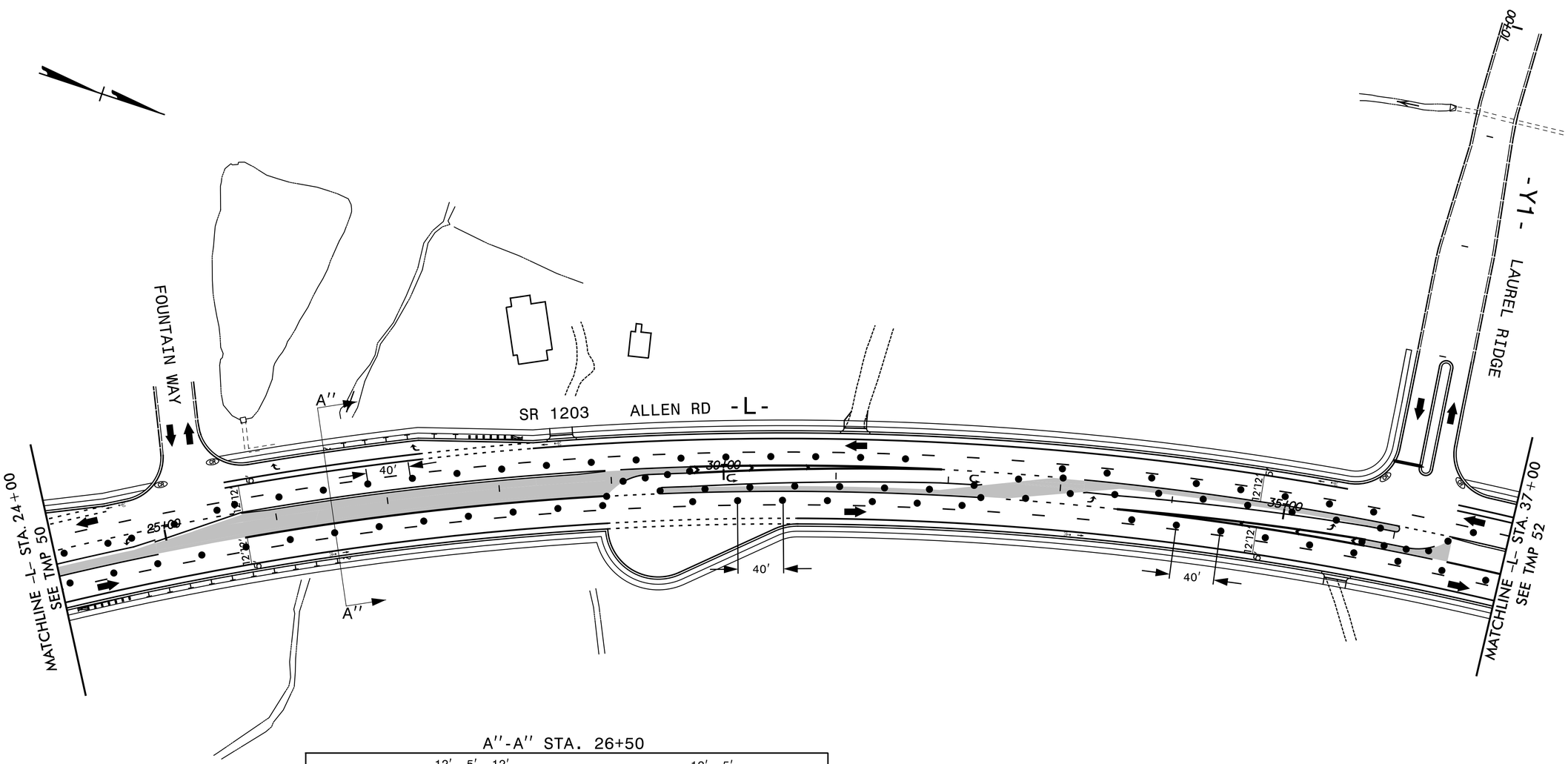
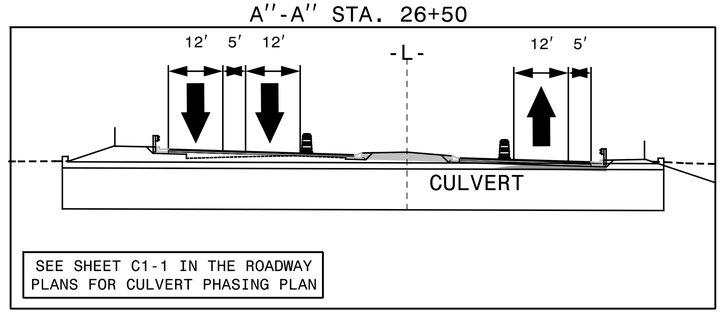
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-51



A''-A'' STA. 26+50



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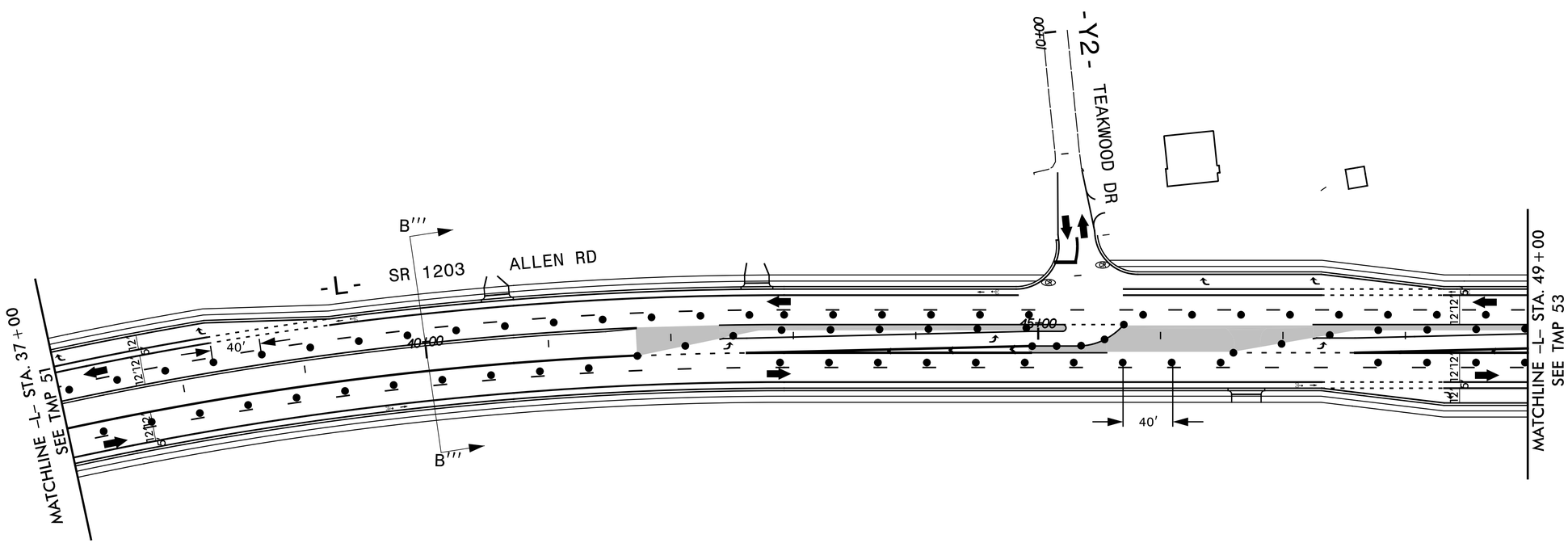
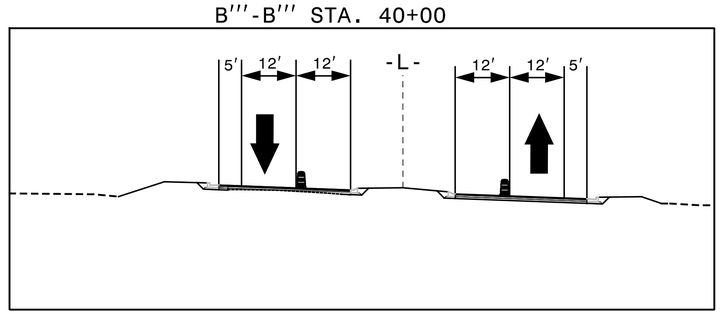
PHASE IV

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-52



B'''-B''' STA. 40+00



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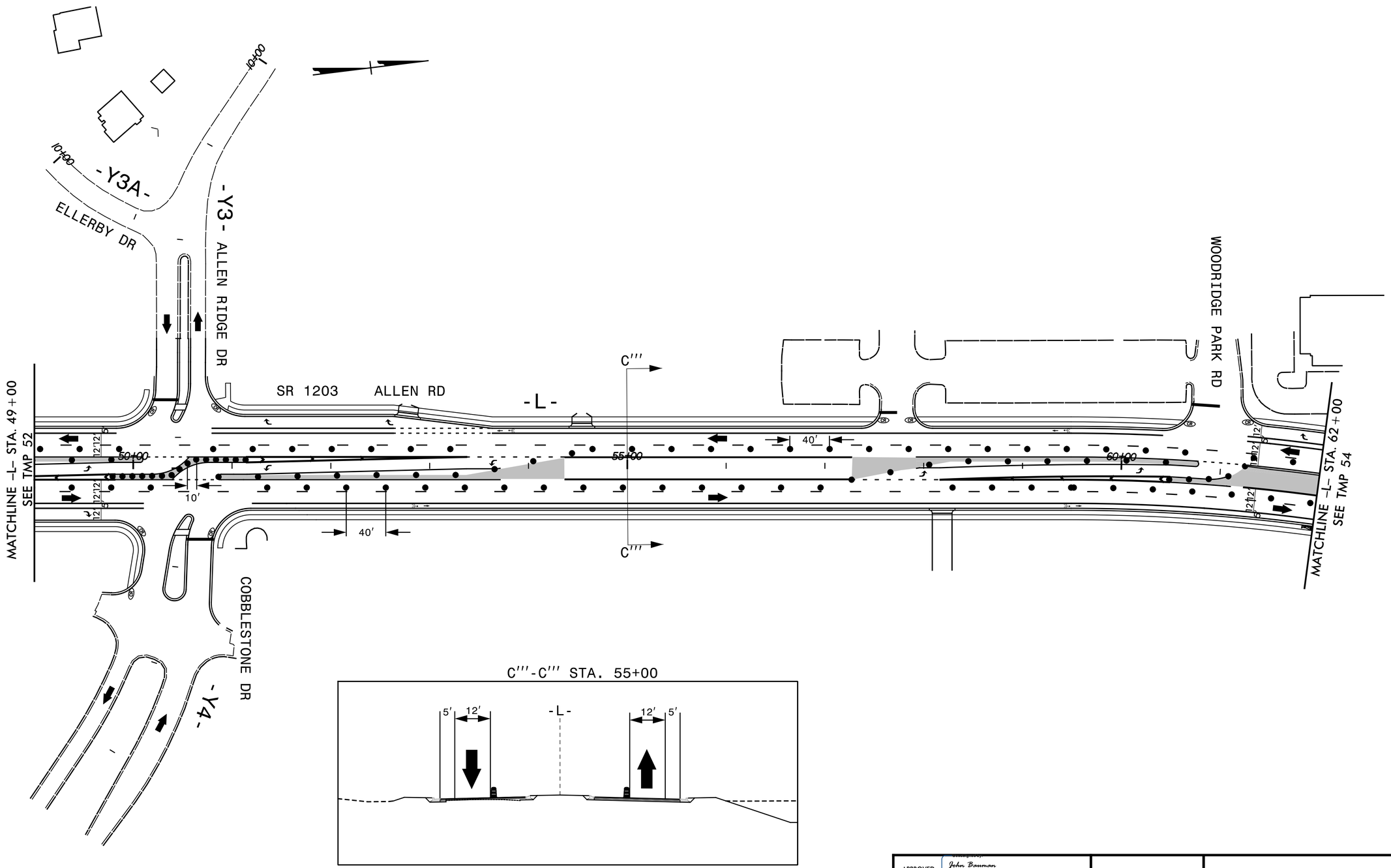
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-53



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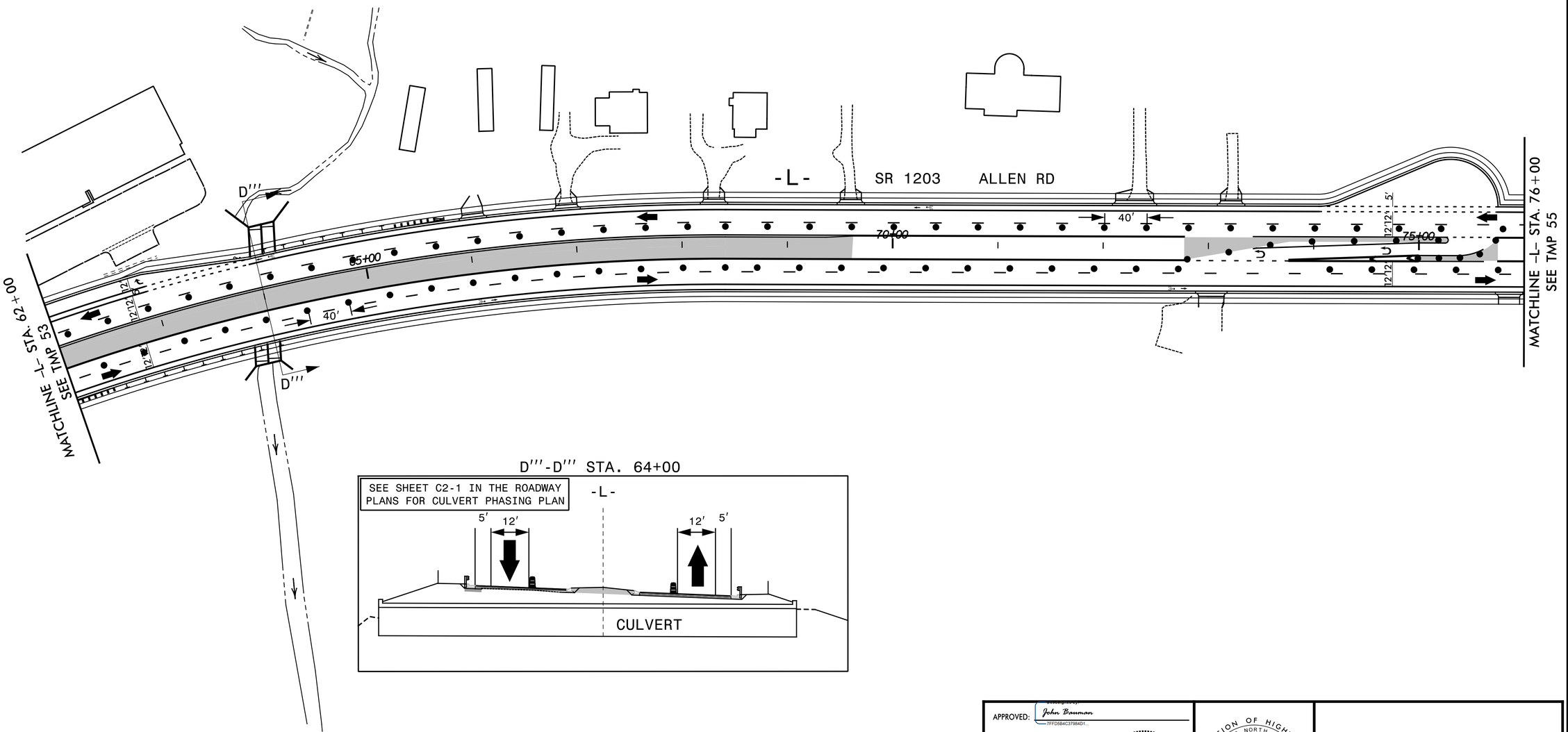
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-54



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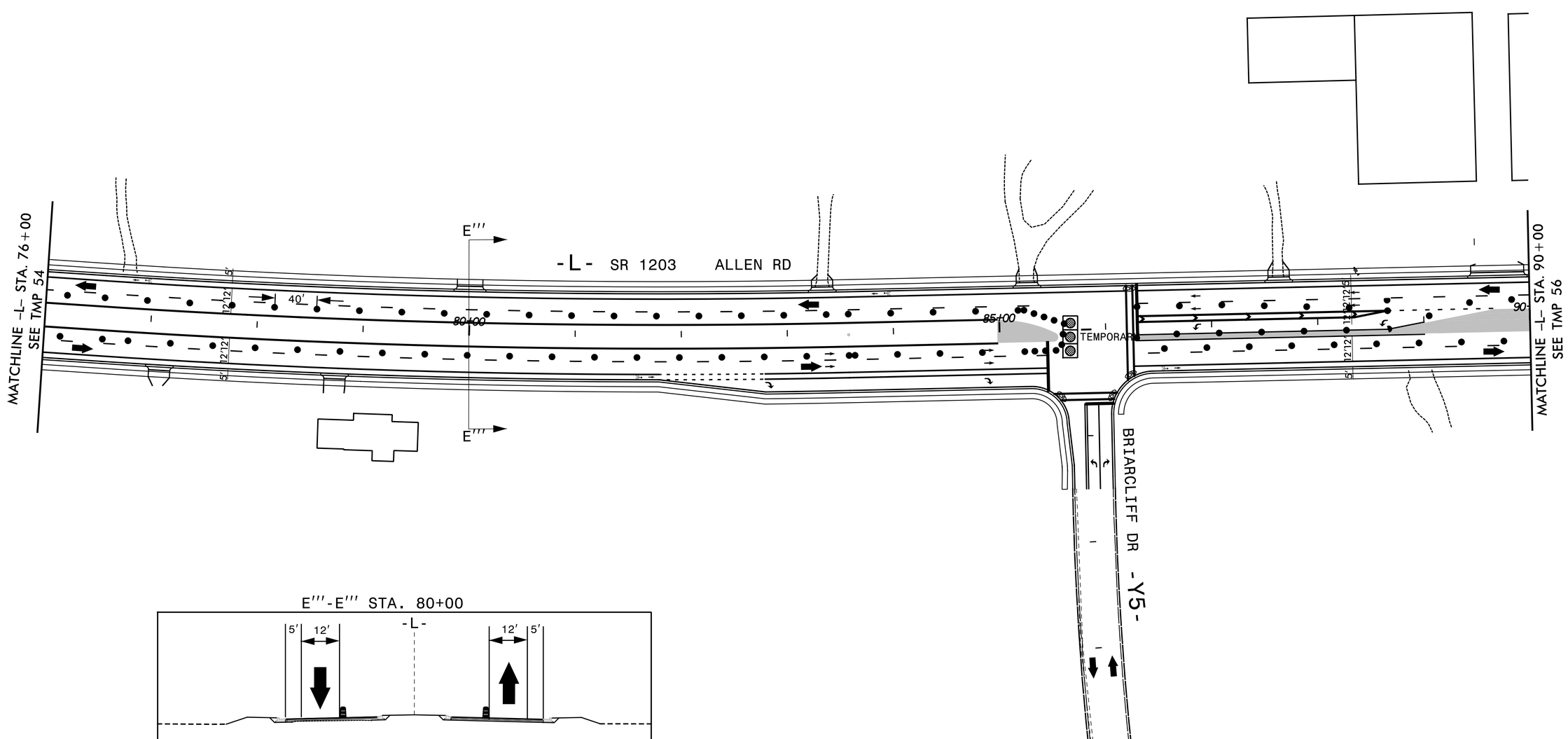
jbauman

PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-55



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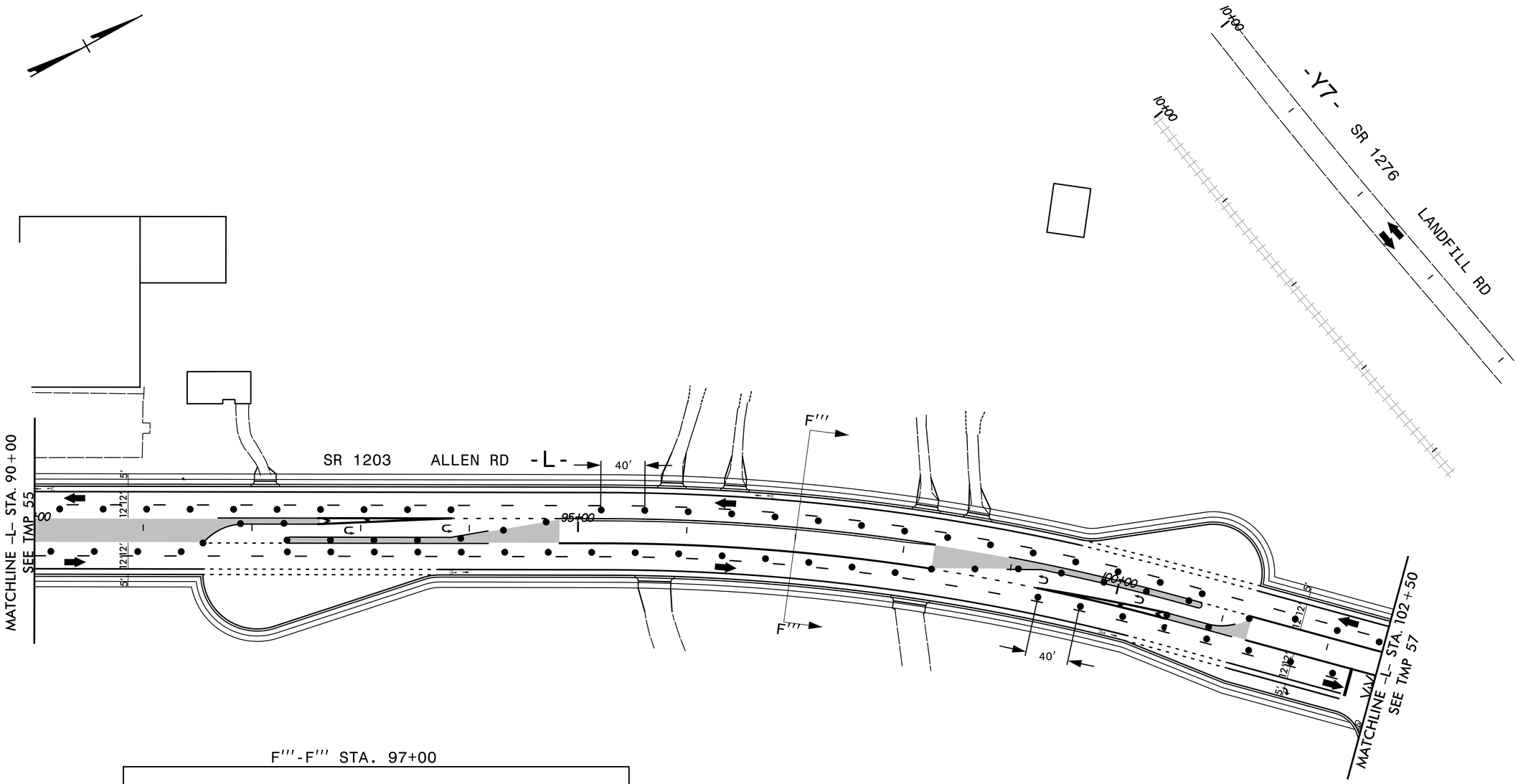
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-56



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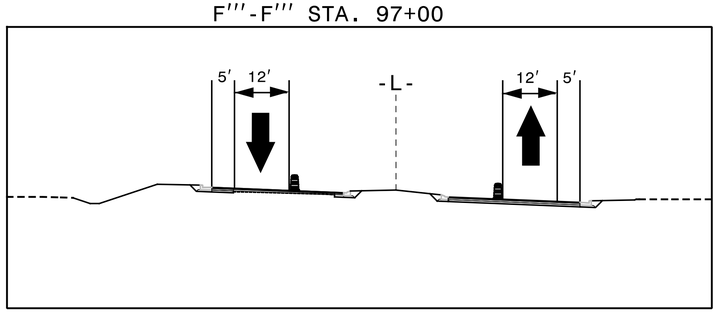

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PROJ. REFERENCE NO.	SHEET NO.
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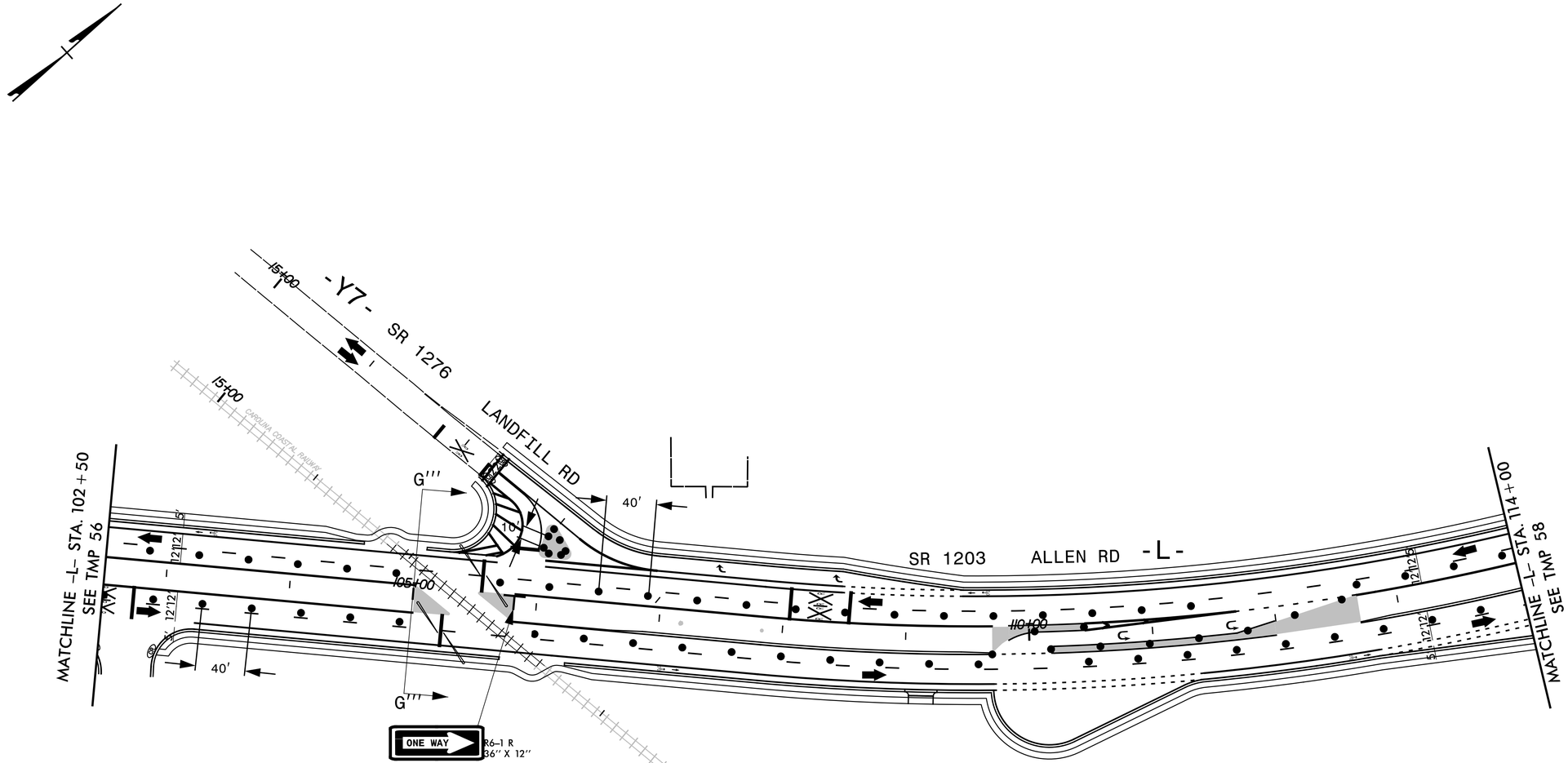
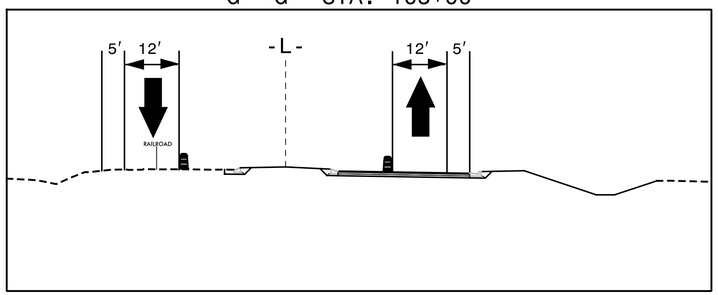


G'''-G''' STA. 105+00



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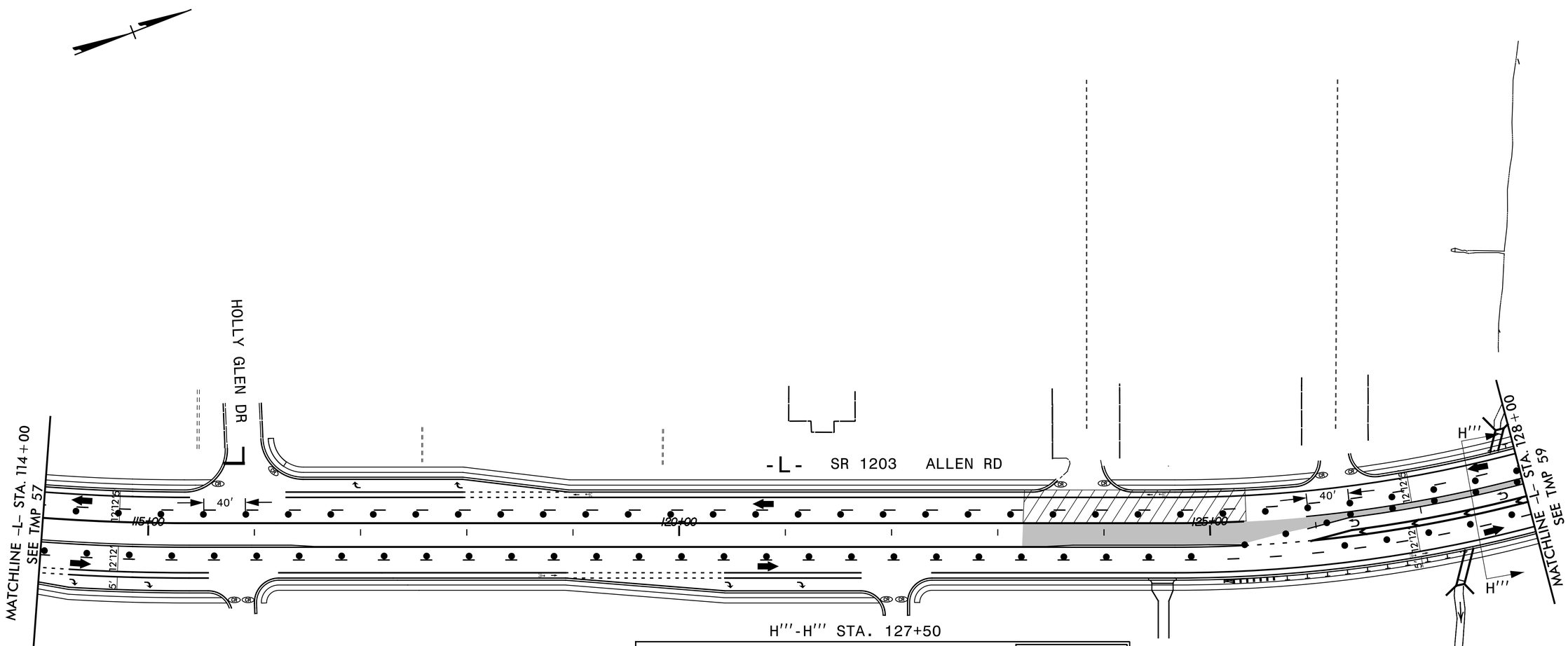
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-58



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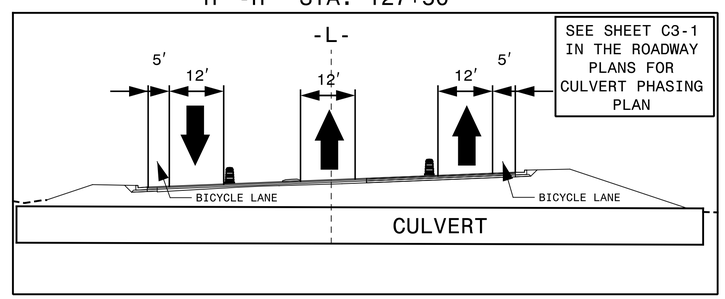

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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE IV

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Raleigh, NC 27603
Tel:919.789.9977
Fax:919.789.9591
License: F-0453

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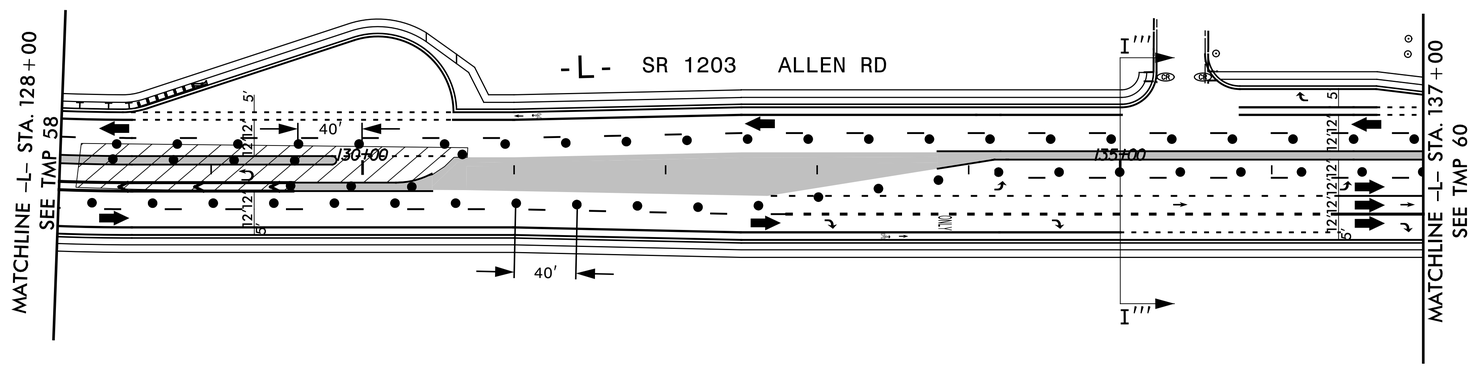
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-59



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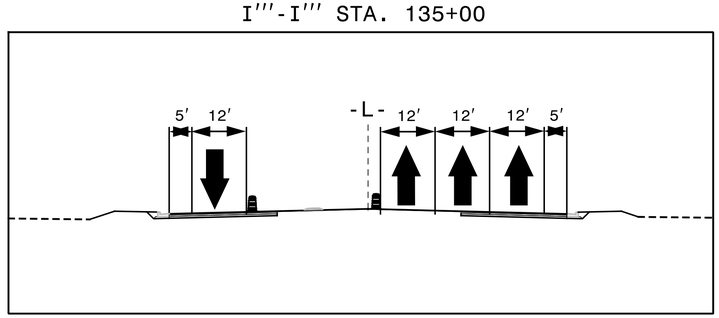

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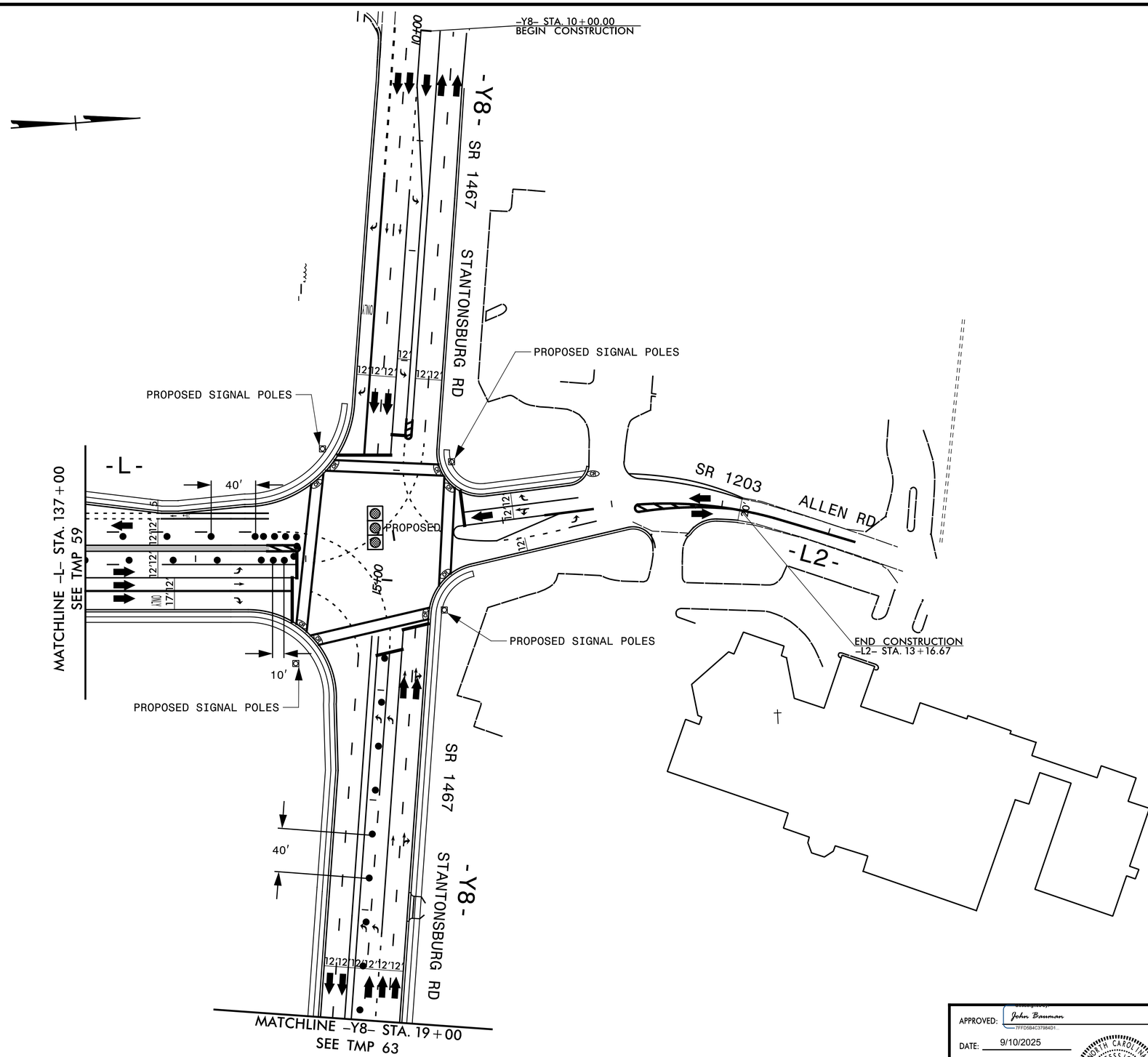

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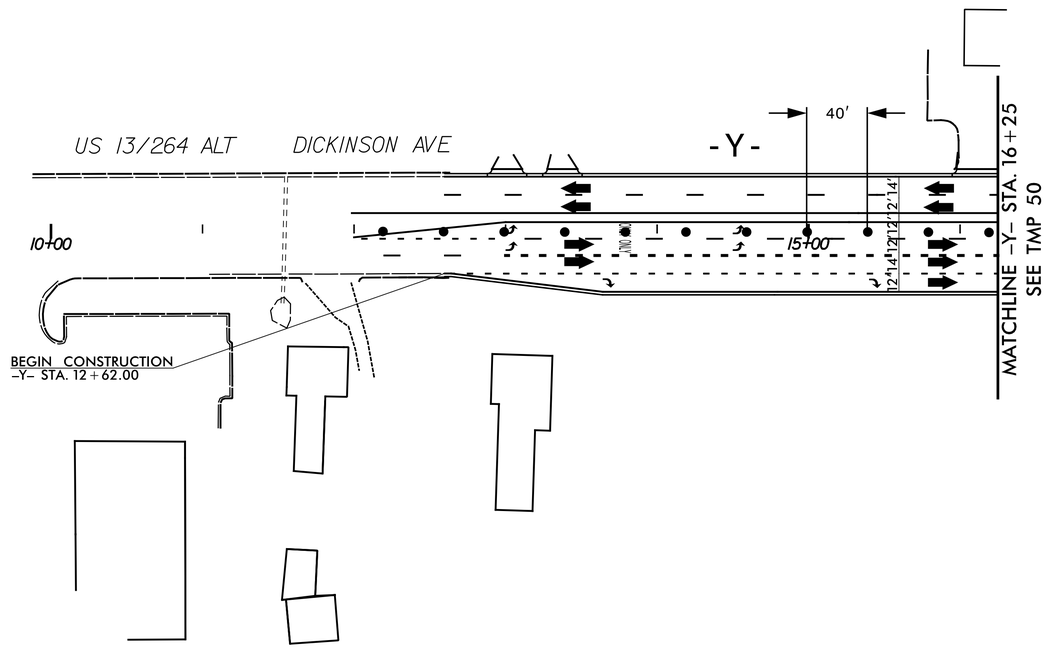
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-61



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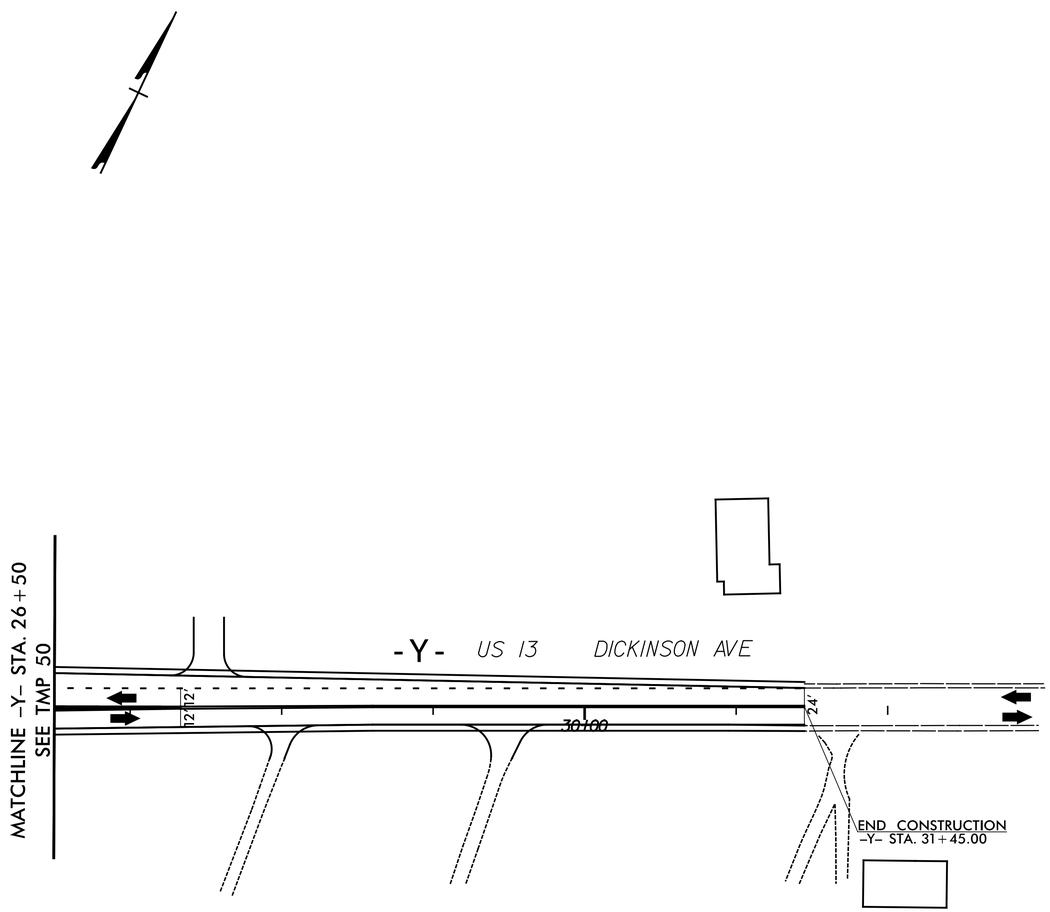
PROJ. REFERENCE NO.	SHEET NO.
U-5875	TMP-62



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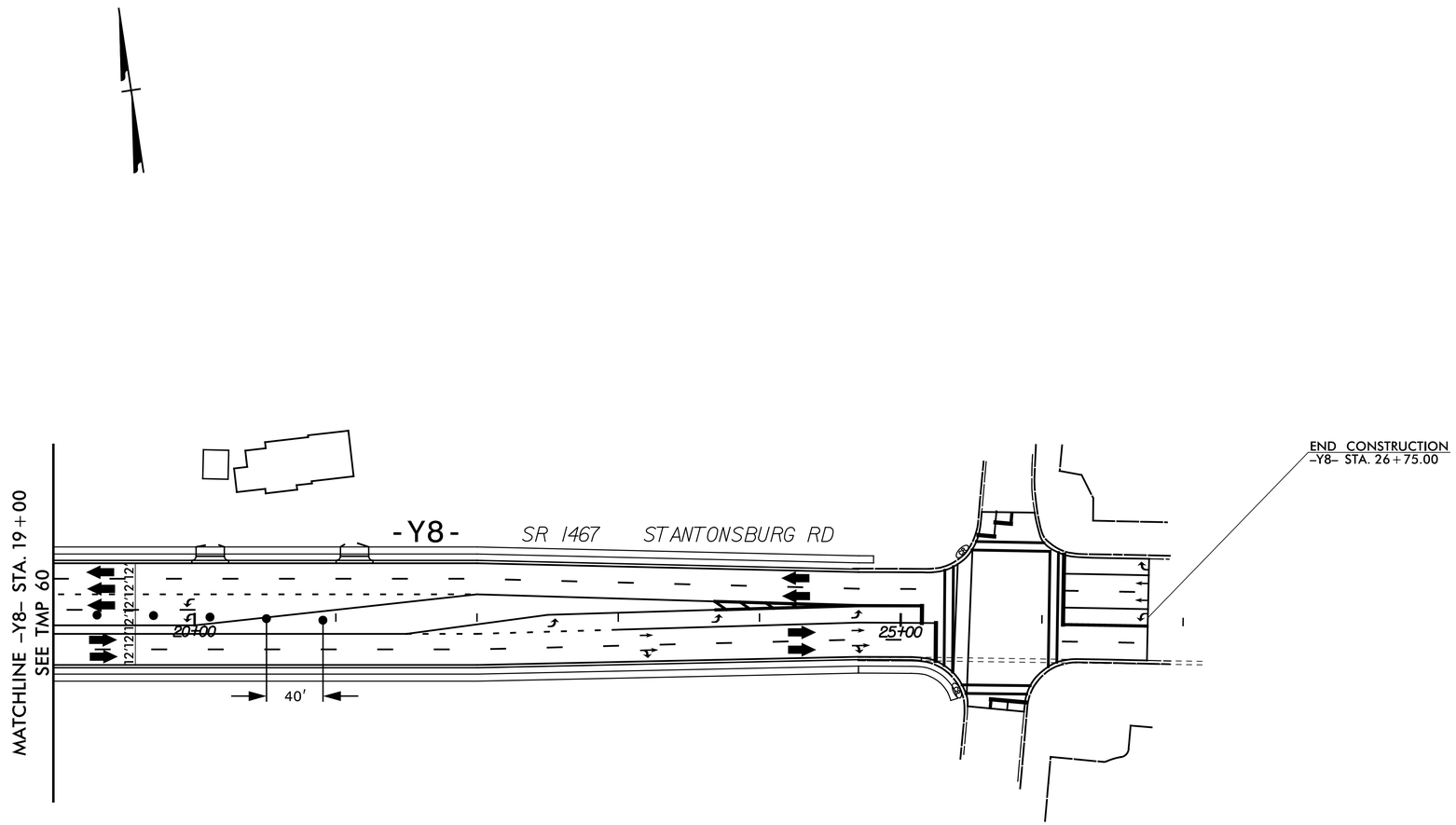

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