

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
U-3601	TCP-1

**PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION**

BUNCOMBE COUNTY

U-3601

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE 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 PANELS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - INTERCHANGES
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS (TEMPORARY & PERMANENT)
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL & BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL & BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS
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1267.01	FLEXIBLE DELINEATOR INSTALLATION
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1267.03	FLEXIBLE DELINEATOR-INTERCHANGES

INDEX OF SHEETS

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TCP-2 THRU 2A	PROJECT NOTES AND TEMPORARY PAVEMENT MARKING SCHEDULE
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TCP-3A	DETAIL OF PROJECT AREAS
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LEGEND

- GENERAL**
- DIRECTION OF TRAFFIC FLOW
 - NORTH ARROW
 - PROPOSED PVMT. EXIST. PVMT.
 - WORK AREA
 - REMOVAL OF EXISTING PAVEMENT
- TRAFFIC CONTROL DEVICES**
- TYPE III BARRICADE
 - CONE
 - DRUM SKINNY DRUM
 - FLASHING ARROW PANEL (TYPE C)
 - STATIONARY SIGN
 - PORTABLE SIGN
 - CRASH CUSHION
 - CHANGEABLE MESSAGE SIGN
 - TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
 - POLICE
 - FLAGGER
- PAVEMENT MARKINGS**
- CRYSTAL/CRYSTAL PAVEMENT MARKER
 - YELLOW/YELLOW PAVEMENT MARKER
 - CRYSTAL/RED PAVEMENT MARKER
 - PAVEMENT MARKING SYMBOLS

TIP PROJECT:

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ahayes AT WZTC2424

APPROVED: _____ DATE: _____	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
SEAL 2/29/08	J. STUART BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	G. L. GETTIER, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	J. W. WOOLARD, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	D. A. HAYES, E.I. TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

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 UNDESIRE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES, AS DIRECTED BY THE ENGINEER.

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

TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
1. NC 191 (BREVARD RD)	7:00 A.M. - 9:00 A.M. MONDAY THRU FRIDAY 4:00 P.M. - 6:00 P.M. MONDAY THRU THURSDAY 3:00 P.M. - 7:00 P.M. FRIDAY
2. -LPA- (I-26 ON/OFF RAMP TO/FROM NC 191)	7:00 A.M. - 7:00 P.M. MONDAY THRU SUNDAY
3. -Y4- & -Y4A- (EAST OAK DRIVE)	3:00 A.M. - 5:30 A.M. MONDAY THRU SUNDAY 3:00 P.M. - 7:00 P.M. MONDAY THRU SUNDAY
4. I-26	6:00 A.M. - 8:00 P.M. MONDAY THRU FRIDAY 10:00 A.M. - 8:00 P.M. SATURDAY 7:30 A.M. - 8:00 P.M. SUNDAY
5. I-40	8:00 A.M. - 7:00 P.M. MONDAY THRU FRIDAY 10:00 A.M. - 6:00 P.M. SATURDAY THRU SUNDAY

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

ROAD NAME

- NC 191 (BREVARD RD)

HOLIDAY

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

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	RESTRICTIONS	OPERATION
1. NC 191 (BREVARD RD)	30 MINUTES	SIGNAL INSTALLATION OVER ROADWAY

D) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR OTHERWISE DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- E) 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.
- F) 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.
- G) 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.
- H) 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.

- I) 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.
- J) DO NOT INSTALL MORE THAN 1 MILE OF LANE CLOSURE ON NC 191 (BREVARD RD) MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- K) DO NOT INSTALL MORE THAN ONE LANE CLOSURE, IN ANY ONE DIRECTION, ON NC 191 (BREVARD RD).
- L) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- M) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS A DROP-OFF AS FOLLOWS:
- BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.
- BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.
- BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- N) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

- O) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- P) 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.
- Q) PROVIDE PERMANENT SIGNING.

- R) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- S) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

- T) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRAFFIC CONTROL 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 TRAFFIC CONTROL 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 TRAFFIC CONTROL PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

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

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

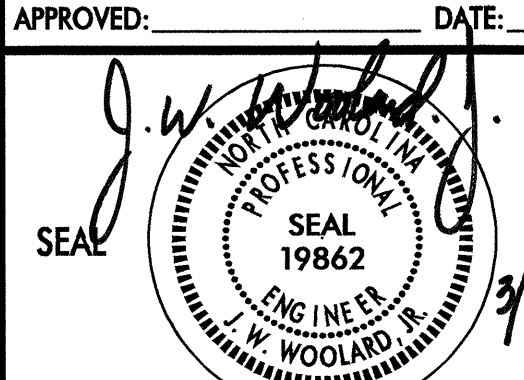
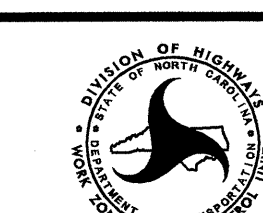
- U) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

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:

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

- V) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED, REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- W) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

APPROVED: 	DATE: 3/27/08	PROJECT NOTES	
SCALE: NONE			REVISIONS
DATE: 02/08			
DWG. BY: DAH			
DESIGN BY: DAH			
REVIEWED BY: JWW			CADD FILE

GENERAL NOTES CONT.

X) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

Y) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
1. NC 191 (BREVARD RD)	POLYUREA	SNOWPLOWABLE
2. -Y- LINES	POLYUREA	SNOWPLOWABLE

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

ROAD NAME	MARKING	MARKER
1. NC 191 (BREVARD RD)	PAINT	RAISED
2. -Y- LINES	PAINT	RAISED

AA) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

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

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

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

TEMPORARY / FINAL SIGNALS

EE) NOTIFY THE ENGINEER TWO (2) MONTHS BEFORE A TRAFFIC SIGNAL INSTALLATION BY OTHERS IS REQUIRED.

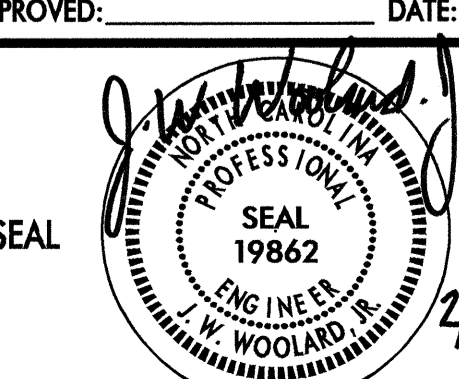
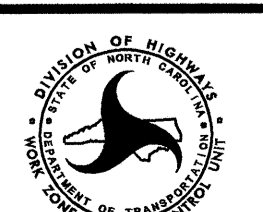
FF) SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

MISCELLANEOUS

GG) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAYS 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.

TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
TEMPORARY PAVEMENT MARKINGS	
PAINT(4")	
PA	WHITE EDGELINE (2X)
PB	YELLOW EDGELINE (2X)
PC	10 FT. WHITE SKIP (2X)
PD	2 FT. WHITE MINISKIP (2X)
PE	WHITE SOLID LANE LINE (2X)
PG	2 FT. YELLOW MINISKIP (2X)
PI	YELLOW DOUBLE CENTER (2X)
PAINT(8")	
PR	WHITE GORELINE (2X)
PS	WHITE DIAGONAL (2X)
PV	YELLOW DIAGONAL (2X)
PAINT(24")	
P4	WHITE STOPBAR (2X)
P6	WHITE YELDBAR (12"x18") (2X)
PAINT MARKING SYMBOLS	
QA	LEFT TURN ARROW (2X)
QB	RIGHT TURN ARROW (2X)
QC	STRAIGHT ARROW (2X)
QD	COMBO.STRAIGHT/LEFT (2X)
QE	COMBO.STRAIGHT/RIGHT (2X)
QG	LEFT/RIGHT/STRAIGHT (2X)
PAINT MARKING CHARACTERS	
QI	ALPHANUMERIC CHAR. (2X)
MARKERS	
TEMPORARY RAISED PAVEMENT MARKERS	
MH	YELLOW & YELLOW
MI	CRYSTAL & RED

APPROVED: 	DATE: 2/29/08	PROJECT NOTES AND TEMPORARY PAVEMENT MARKING SCHEDULE	
SCALE: NONE	DATE: 02/08		
DWG. BY: DAH	DESIGN BY: DAH		REVISIONS
REVIEWED BY: JWW			

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PHASING

PROJ. REFERENCE NO. U-3601	SHEET NO. TCP-3
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AREA 1 (-L-, -MC2-, -Y-, -Y2-, -Y3-, & -Y6-)

PHASE I

- STEP 1) INSTALL ADVANCED WORK ZONE WARNING SIGNS IN ACCORDANCE WITH SHEET TCP-28. INSTALL 35 MPH ADVISORY PLACARD SIGN (W13-1) UNDER THE "BEGIN ROAD WORK" SIGNS FOR THE -L- LINE.
- STEP 2) USING ROADWAY STANDARD DRAWING (RSD) 1101.02, SHEET 1 OF 9 AS NEEDED, CONSTRUCT TEMPORARY PAVEMENT ON -L- FROM STA. 64+00 -L- TO STA. 93+25 UP TO EXISTING EDGE AND ELEVATION (SEE TCP-7 AND 8).
- INSTALL PORTABLE CONCRETE BARRIER (PCB) FROM STA. 34+25 -L- TO STA. 63+75 -L-. BEHIND PORTABLE CONCRETE BARRIER, BEGIN CONSTRUCTION OF -L- NORTHBOUND FROM STA. 35+50 -L- TO STA. 63+50 -L- AND -DR1- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE AND CURB AND GUTTER (MAINTAIN DRIVEWAYS AT ALL TIMES USING ABC OR OTHER SUITABLE COMPACTED MATERIAL AS DETERMINED BY THE ENGINEER) (SEE TCP-5 THRU 7).
- USING DRUMS, BARRICADES, AND FLAGGERS AS NEEDED, CONSTRUCT -MC2- UP TO AND INCLUDING THE FINAL LIFT OF SURFACE COURSE (SEE TCP-9).
- USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED BEGIN INSTALLATION OF ALL TEMPORARY SIGNALS.
- STEP 3) USING RSD 1101.02, SHEET 1 OF 9 AS NEEDED, SHIFT TRAFFIC ONTO THE NEW ALIGNMENT AND INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TCP-7A & 8A. EXTEND PORTABLE CONCRETE BARRIER FROM STA. 63+75 -L- TO STA. 69+00 -L-, INSTALL PORTABLE CONCRETE BARRIER FROM STA. 76+16 -L- TO STA. 80+01 -L- AND FROM STA. 82+49 -L- TO STA. 87+65 -L-. CONSTRUCT THE RIGHT SIDE OF -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE FROM STA. 63+50 -L- TO STA. 89+17 -L-, AND -DR2-. COMPLETE INSTALLATION OF PHASE I, DETAIL 2 TEMPORARY SIGNAL AT -Y3-.
- USING LANE CLOSURES WITH FLAGGERS PER RSD 1101.02 SHEET 3 OF 9 REMOVE THE EXISTING CONCRETE ISLAND FROM STA. 18+40 -L- TO STA. 26+35 -L-. INSTALL PAVEMENT UP TO THE EDGE AND ELEVATION OF THE EXISTING EDGE OF PAVEMENT IN PLACE OF THE CONCRETE ISLAND (SEE SHEET TCP-4).
- USING LANE CLOSURES WITH FLAGGERS PER RSD 1101.02, SHEET 1 OF 9 INSTALL CURB AND GUTTER AND WIDEN THE LEFT SIDE OF THE ROADWAY UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVEMENT FROM STA. 24+59 -L- TO STA. 37+50 -L- (SEE SHEETS TCP-4 AND 5).
- USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED BEGIN INSTALLATION OF PHASE I, DETAIL 3 TEMPORARY SIGNAL AT -Y3-.
- STEP 4) AWAY FROM TRAFFIC INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- RIGHT FROM STA. 69+51 -L- TO STA. 89+17 -L-. THEN USING RSD 1101.02, SHEET 1 OF 9, SHIFT TRAFFIC AS SHOWN AND INSTALL TEMPORARY PAVEMENT MARKINGS FROM STA. 65+10 -L- TO STA. 69+51 -L- ON SHEETS TCP-7B, 8B, AND 9. USING LANE CLOSURES AS NEEDED, CONSTRUCT LEFT -L- FROM STA. 68+32 -L- TO STA. 93+17 -L- AND -Y3-.
- USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED COMPLETE INSTALLATION OF PHASE I, DETAIL 3 TEMPORARY SIGNAL AT -Y3-.
- USING RSD 1101.02, SHEET 1 OF 9 AS NEEDED, BEGIN CONSTRUCTION OF THE LEFT SIDE OF -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE FROM STA. 93+17 -L- TO STA. 103+00 -L- (SEE TCP-9).

AREA 1, PHASE I, STEP 5A SHALL BE COMPLETED WITHIN THE TIME RESTRICTIONS CONTAINED IN THE SPECIAL PROVISIONS. (SEE SPECIAL PROVISIONS FOR LIQUIDATED DAMAGES)

- STEP 5A) USING RSD 1101.02, SHEETS 1, 3, AND 4 OF 9, MILL EXISTING PAVEMENT AS NEEDED, INSTALL CURB AND GUTTER, AND WEDGE EXISTING -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE FROM STA. 92+11 -L- TO STA. 103+00 -L- AND -Y6- (MATCH EXISTING PAVEMENT MARKING PATTERNS AS CLOSE AS POSSIBLE BEFORE PHASE II. SEE SHEET TCP-16 FOR PHASE II PAVEMENT MARKINGS) (SEE TCP-9).
- STEP 5B) USING RSD 1101.02, SHEET 1 OF 9 AS NEEDED, COMPLETE CONSTRUCTION OF THE LEFT SIDE OF -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE FROM STA. 93+17 -L- TO STA. 103+00 -L- (SEE TCP-9).

PHASE II

NOTE: TRAFFIC SHALL BE IN THE PATTERN SHOWN ON SHEETS TCP-4 THRU 6, 7B, 8B, & 9 BEFORE WORK IN AREA 1, PHASE II CAN BEGIN.

NOTE: AREA 1, PHASE II, STEP 1 SHALL BE COMPLETED IN CONJUNCTION WITH AREA 2, PHASE II, STEP 1.

- STEP 1) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED, WEDGE -L- LEFT FROM 65+10 -L- TO STA. 68+34 -L-, SHIFT TRAFFIC, AND INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON -L-, -Y3-, AND -Y6- (SEE TCP-13 THRU 16).
- USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED, EXTEND PCB FROM STA. 34+00 -L- BACK TO STA. 19+10 -L-. INSTALL DRUMS AND BARRICADES AS SHOWN ON SHEETS TCP-13, 15, & 16. SHIFT TRAFFIC TO THE PATTERN SHOWN ON SHEETS TCP-13 THRU TCP-16.
- REVISE TEMPORARY SIGNALS AT THE -Y3- INTERSECTION (SEE TCP-15).
- STEP 2) BEHIND PORTABLE CONCRETE BARRIER, CONSTRUCT -L- NORTHBOUND FROM STA. 19+10 -L- TO STA. 35+50. COMPLETE CONSTRUCTION OF -L- NORTHBOUND FROM STA. 35+50 -L- TO STA. 63+50 -L-, -DR1-, AND -DR2- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE AND CURB AND GUTTER (SEE TCP-13 THRU 15).
- AWAY FROM TRAFFIC CONSTRUCT -L- RIGHT FROM STA. 87+60 -L- TO STA. 93+17 -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE (SEE SHEETS TCP-15 AND 16).

PHASE III

- STEP 1) AWAY FROM TRAFFIC INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON -L- NORTHBOUND FROM STA. 22+01 -L- TO STA. 92+11 (SEE TCP-17 THRU TCP-22). REVISE TEMPORARY SIGNALS AT -LPA- AND -Y3- INTERSECTIONS.
- STEP 2) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED REMOVE PCB FROM STA. 19+00 -L- TO STA. 22+01 -L-, SHIFT NORTHBOUND TRAFFIC ONTO -L- NORTHBOUND, AND INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON -L- NORTHBOUND FROM STA. 18+62 -L- TO STA. 22+01 -L- AND FROM STA. 92+11 -L- TO STA. 95+45 (SEE TCP-22).
- INSTALL DRUMS AND BARRICADES AS SHOWN ON SHEETS TCP-17 THRU 21 AND REMOVE PCB.
- STEP 3) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE (SEE TCP-17 THRU TCP-21):
- THE LEFT SIDE WIDENING OF -L- FROM STA. 15+07 -L- TO STA. 68+34 -L-
 - -DR1- FROM STA. 14+69 -DR1- TO STA. 16+02 -DR1-
 - -Y-
 - -Y2-
 - OLD BREVARD RD
- USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED CONSTRUCT THE WIDENING AT -LPA- UP TO THE EXISTING EDGE AND ELEVATION OF THE EXISTING PAVEMENT (SEE SPECIAL PROVISIONS FOR LIQUIDATED DAMAGES) (SEE TCP-17).
- CONSTRUCT MEDIAN ISLAND AS SHOWN ON SHEET TCP-22.

PHASE IV

- STEP 1) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED COMPLETE THE FOLLOWING (SEE TCP-23 THRU 27):
- REVISE TEMPORARY SIGNALS AT -LPA- AND -Y3- INTERSECTIONS
 - REMOVE OLD TEMPORARY PAVEMENT MARKING PATTERNS AS NEEDED ON -L-
 - INSTALL TEMPORARY PAVEMENT MARKINGS, TEMPORARY PAVEMENT MARKERS, AND DRUMS ON -L- FROM STA. 14+94 -L- TO STA. 91+00 -L-
- STEP 2) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED COMPLETE THE FOLLOWING:
- SHIFT TRAFFIC TO THE FINAL PATTERN AS SHOWN ON SHEETS TCP-23 THRU TCP-27.
 - CLOSE MEDIAN LANES AND COMPLETE CONSTRUCTION OF THE MEDIAN ISLANDS AS SHOWN ON SHEETS TCP-23 THRU TCP-26.

PHASE V

- STEP 1) USING RSD 1101.02 AND LANE CLOSURES, INSTALL THE FINAL LIFT OF SURFACE COURSE, FINAL PAVEMENT MARKINGS, AND FINAL PAVEMENT MARKERS ON -L-, -Y-, -Y2-, -Y3-, -Y4-, -Y4A-, AND -Y6- (SEE PM-2 THRU PM-8) (REFER TO RSD 1205, 1250, 1251, AND 1253). COMPLETE FINAL SIGNAL INSTALLATIONS.
- STEP 2) REMOVE ALL TRAFFIC CONTROL DEVICES AND SIGNS AND OPEN TRAFFIC TO THE FINAL PATTERN.

AREA 2 (-Y4- & -Y4A-)

NOTE: AREA 2, PHASE I SHALL BE COMPLETED WITHIN 45 CONSECUTIVE DAYS. SEE SPECIAL PROVISIONS FOR LIQUIDATED DAMAGES.

PHASE I

- STEP 1) INSTALL ADVANCED WORK ZONE WARNING SIGNS IN ACCORDANCE WITH SHEET TCP-28.
- STEP 2) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED CONSTRUCT THE WIDENING OF -Y4A- AS SHOWN ON SHEET TCP-10 (ONE SIDE OF THE ROAD AT A TIME).
- NOTE: STEPS 3 AND 4 SHALL BE DONE IN A CONTINUOUS MANNER TO BE COMPLETED IN ONE WORK PERIOD.
- STEP 3) USING RSD 1101.02 SHEET 1 OF 9 AND FLAGGERS AS NEEDED INSTALL ABC ON EXISTING -Y4A- AS SHOWN ON TCP-10.
- STEP 4) INSTALL MAT AND SEAL AND TEMPORARY PAVEMENT MARKINGS (PAINT) ON -Y4A- AS SHOWN ON SHEET TCP-11. SHIFT TRAFFIC ONTO PAVED PORTION IN A TWO LANE TWO WAY PATTERN.
- STEP 5) USING RSD 1101.02 SHEET 1 OF 9 AND FLAGGERS AS NEEDED, INSTALL ABC, MAT AND SEAL AND TEMPORARY PAVEMENT MARKERS (PAINT) AS SHOWN ON TCP-11. SHIFT TRAFFIC ONTO THE NEWLY PAVED PORTION IN A TWO LANE TWO WAY PATTERN. BEGIN INSTALLATION OF TEMPORARY SIGNAL.
- STEP 6) USING RSD 1101.02 SHEET 1 OF 9 AND FLAGGERS AS NEEDED, INSTALL ABC, MAT AND SEAL AND TEMPORARY PAVEMENT MARKINGS (PAINT) FOR EACH LIFT SEQUENCE. SHIFT TRAFFIC BACK AND FORTH AS MANY TIMES AS REQUIRED TO REACH THE DESIRED GRADE INCLUDING UP TO THE FINAL SUBGRADE ELEVATION. RETURN TRAFFIC TO A TWO LANE TWO WAY PATTERN AT THE END OF EACH WORK PERIOD. USE DRUMS TO SEPARATE TRAFFIC FROM CONSTRUCTION (SEE SHEET TCP-11).

NOTE: FOR STEPS 7 AND 9 USE HIGH EARLY STRENGTH CONCRETE FOR THE CURB AND GUTTER (CURE TIME 3 DAYS) IN ORDER TO MINIMIZE CONSTRUCTION TIME.

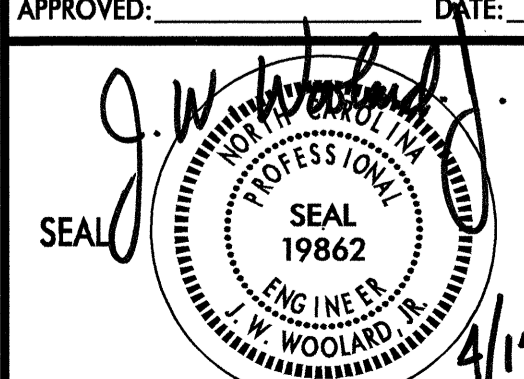
- STEP 7) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED COMPLETE CONSTRUCTION OF THE LEFT SIDE OF -Y4A- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE, CURB AND GUTTER, AND EARTH EMBANKMENT AS SHOWN ON TCP-12 AND THE CONSTRUCTION DRAWINGS.
- STEP 8) USING RSD 1101.02 SHEET 1 OF 9 AND FLAGGERS AS NEEDED INSTALL TEMPORARY PAVEMENT MARKINGS (PAINT) ON THE LEFT SIDE OF -Y4A- THEN SHIFT TRAFFIC AS SHOWN ON SHEET TCP-12.
- STEP 9) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED, COMPLETE CONSTRUCTION OF THE RIGHT SIDE OF -Y4A- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE, CURB AND GUTTER, AND EARTH EMBANKMENT AS SHOWN ON TCP-12 AND THE CONSTRUCTION DRAWINGS.
- STEP 10) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED, EITHER INSTALL TEMPORARY PAVEMENT MARKINGS (PAINT) AND PLACE IN A TWO LANE, TWO WAY PATTERN AT THE END OF EACH WORK PERIOD OR WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN ONE WORK PERIOD INCLUDING PLACEMENT OF TEMPORARY PAVEMENT MARKINGS ON -Y4- AND -Y4A- (SEE SHEET TCP-12).

PHASE II

- STEP 1) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED, COMPLETE TIE-IN'S OF -Y4A-, -Y4-, AND -L-. COMPLETE INSTALLATION OF NEW SIGNAL, AND SHIFT TRAFFIC TO FINAL PATTERN ON -Y4- AND -Y4A- (SEE TCP-16).
- STEP 2) USING RSD 1101.02 SHEET 1 OF 9 AND FLAGGERS AS NEEDED, REMOVE OLD PAVEMENT AS SHOWN ON SHEET TCP-16 AND COMPLETE CONSTRUCTION IN THAT AREA.

PHASE V

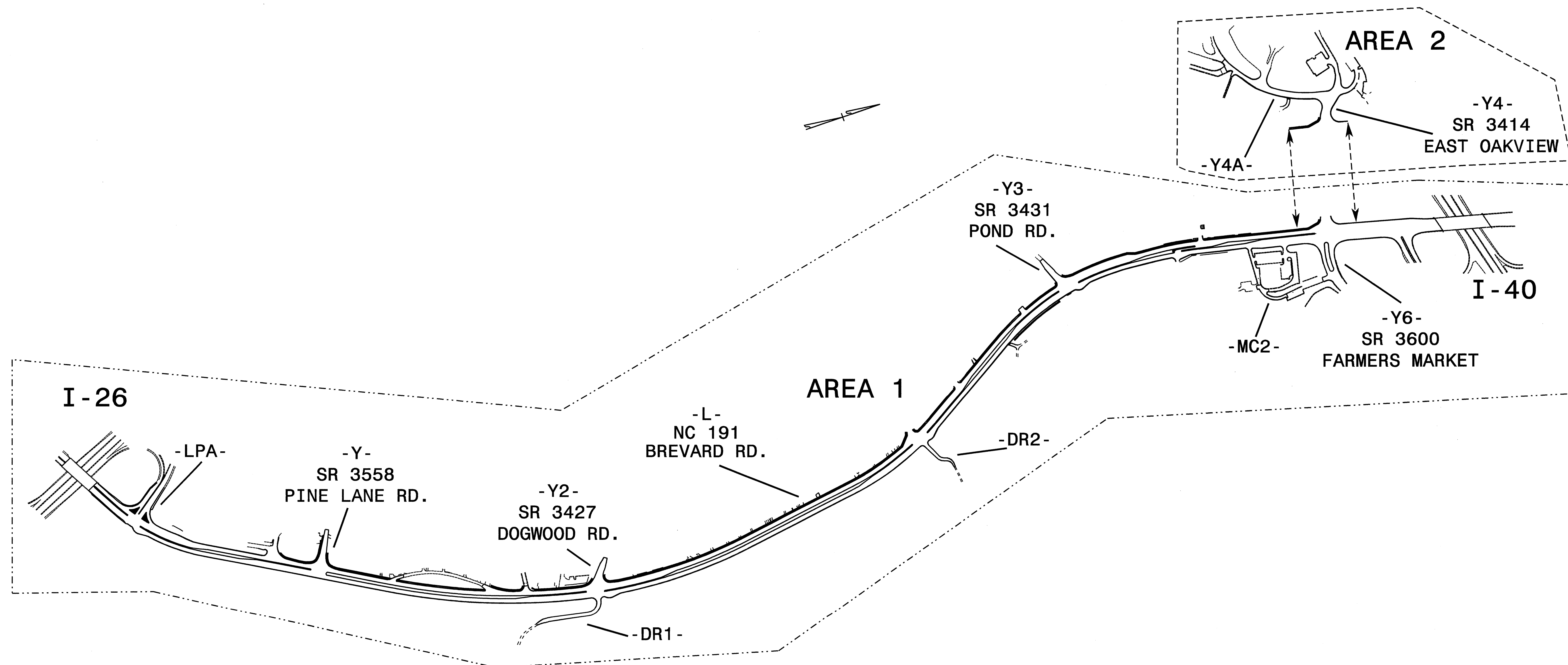
- STEP 1) USING RSD 1101.02, SHEET 1 OF 9 AND FLAGGERS AS NEEDED INSTALL THE FINAL LIFT OF SURFACE COURSE, FINAL PAVEMENT MARKINGS, AND FINAL PAVEMENT MARKERS ON -Y4- AND -Y4A- (SEE PM-2 THRU PM-8) (REFER TO RSD 1205, 1250, 1251, AND 1253). COMPLETE FINAL SIGNAL INSTALLATIONS.
- STEP 2) REMOVE ALL TRAFFIC CONTROL DEVICES AND SIGNS AND OPEN TRAFFIC TO THE FINAL PATTERN.

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DATE:	02/08											
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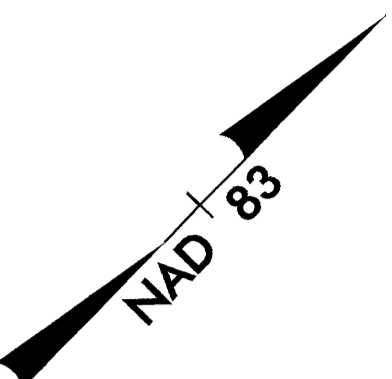
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AREA 2: -Y4-, -Y4A-

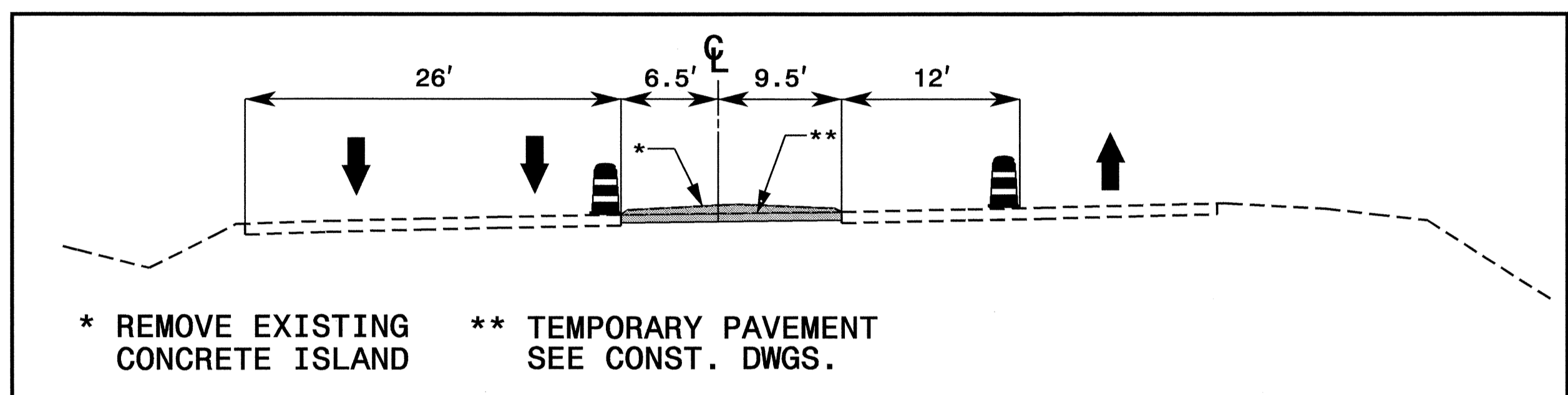
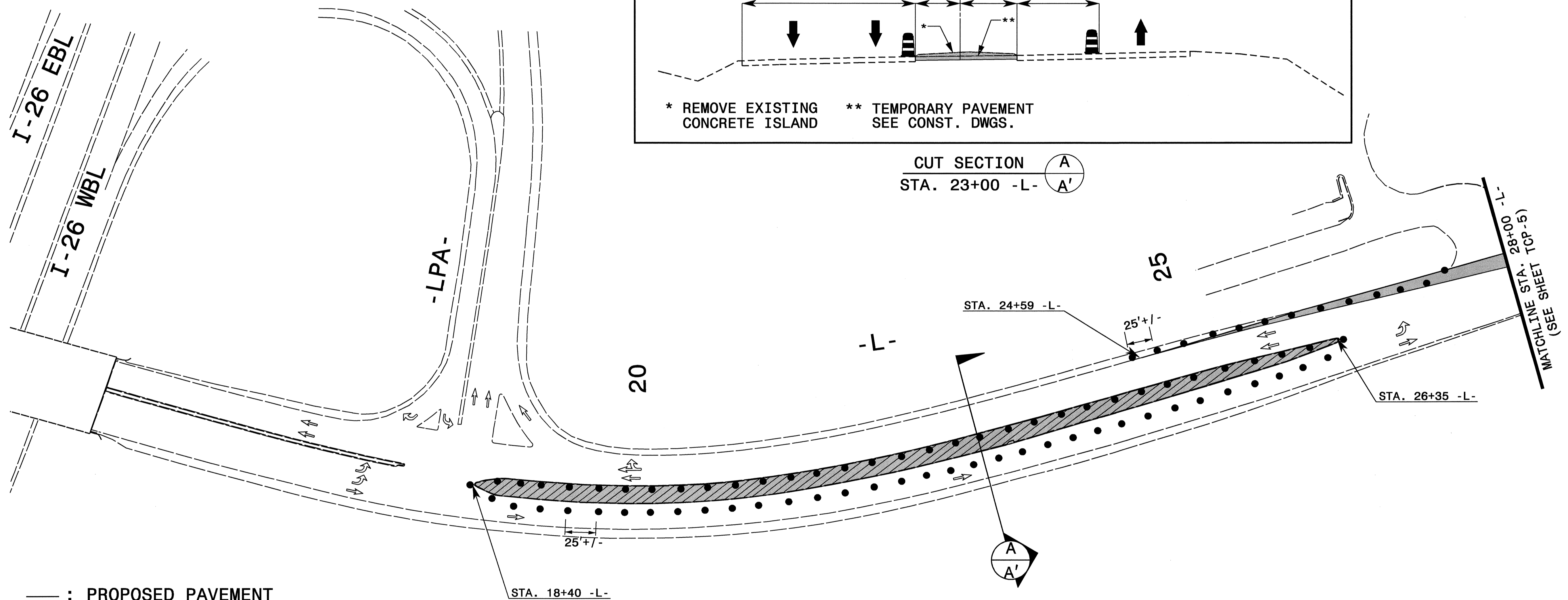


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APPROVED: _____	DATE: _____	DETAIL OF PROJECT AREAS	
		DATE: 02/08	REVISIONS
DWG. BY: DAH			
DESIGN BY: DAH			
REVIEWED BY: JWW			



I-26 EBL
I-26 WBL



* REMOVE EXISTING CONCRETE ISLAND ** TEMPORARY PAVEMENT SEE CONST. DWGS.

CUT SECTION A-A'
STA. 23+00 -L-

- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↶ : QA ↷ : QD ↸ : QG
- ↷ : QB ↶ : QE
- ↸ : QC ↷ : QF
- ↶ : EXISTING PAVEMENT MARKING SYMBOL

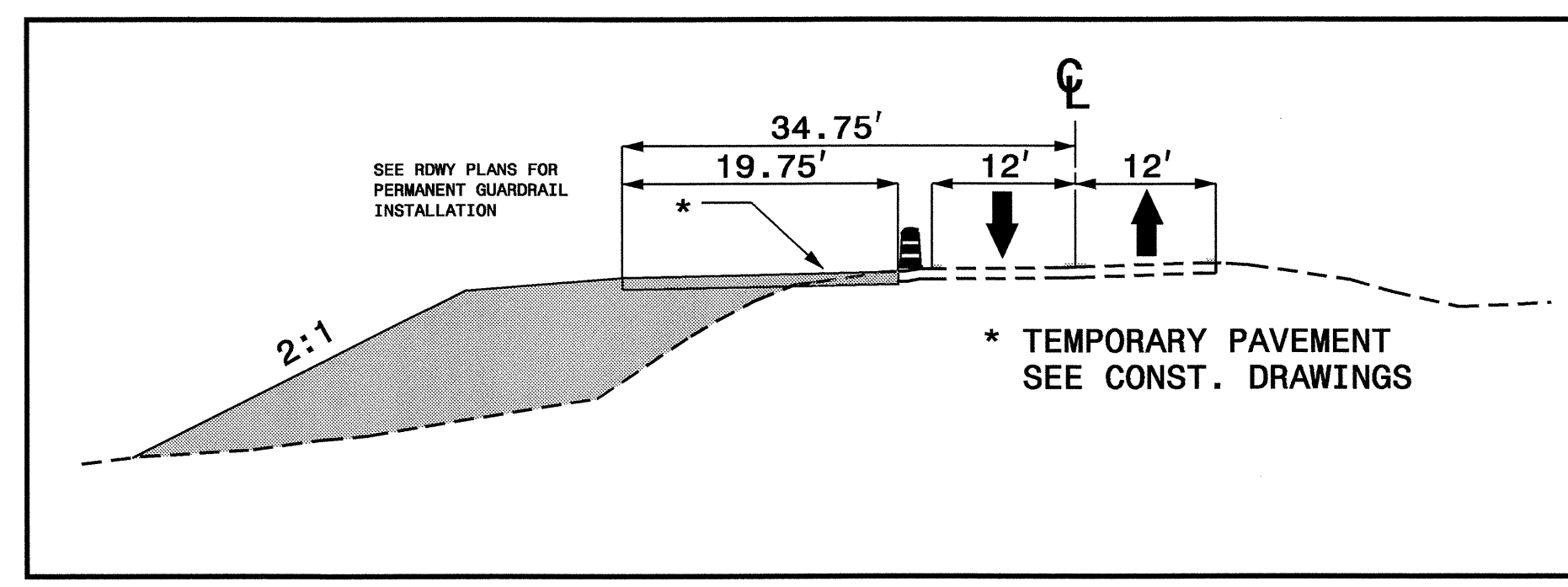
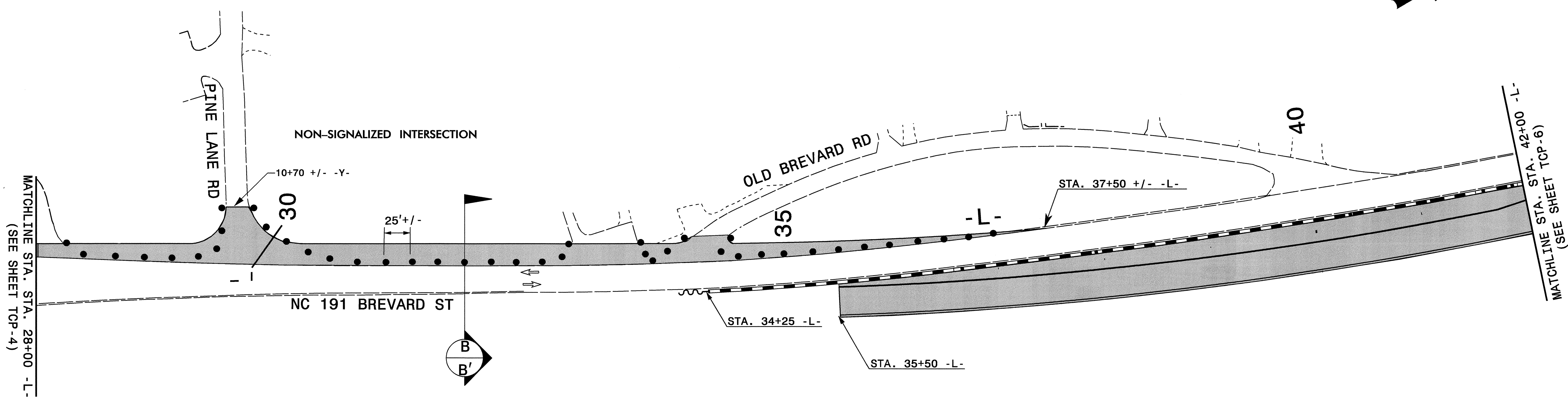
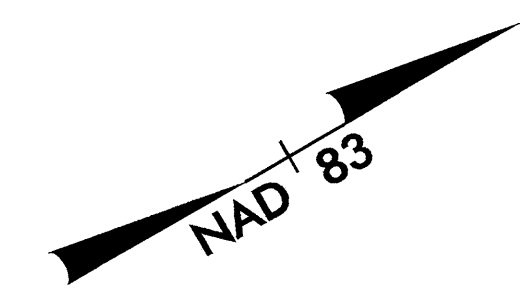
SIGNALIZED INTERSECTION

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

CONCRETE REMOVAL AND PAVEMENT INSTALLATION

APPROVED: DATE: 2/29/08	AREA 1, PHASE I	
SCALE: NONE		REVISIONS
DATE: 02/08		
DWG. BY: DAH		
DESIGN BY: DAH		
REVIEWED BY: JWW		

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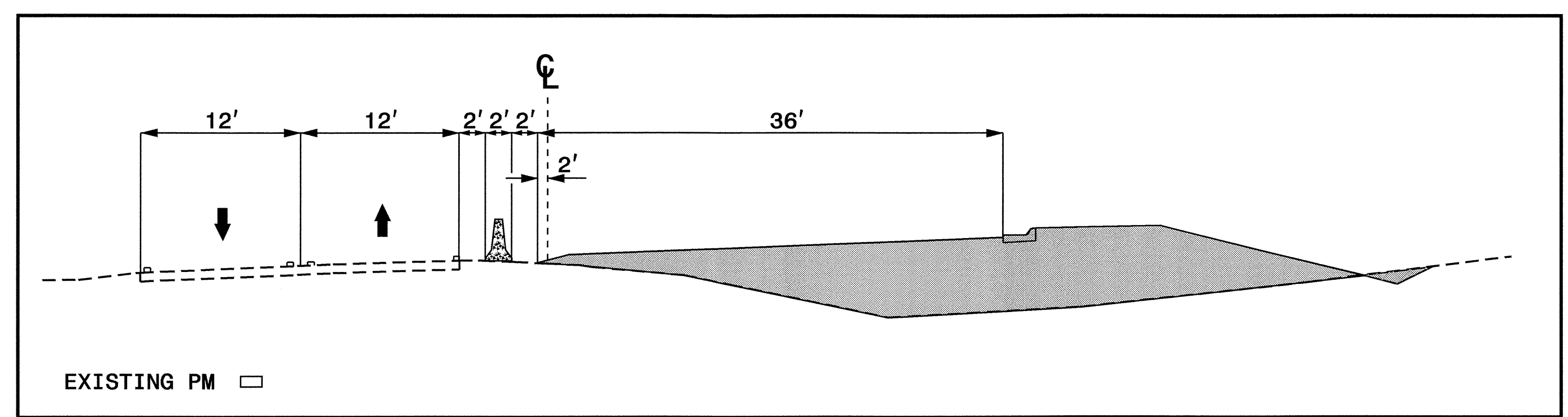
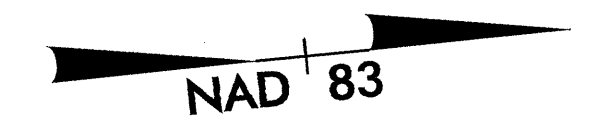
CUT SECTION $\text{\textcircled{B}}$
 STA. 32+00 -L- $\text{\textcircled{B'}}$

- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↻ : QD ↻ : QG
- ↪ : QB ↻ : QE
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- ↪ : EXISTING PAVEMENT MARKING SYMBOL

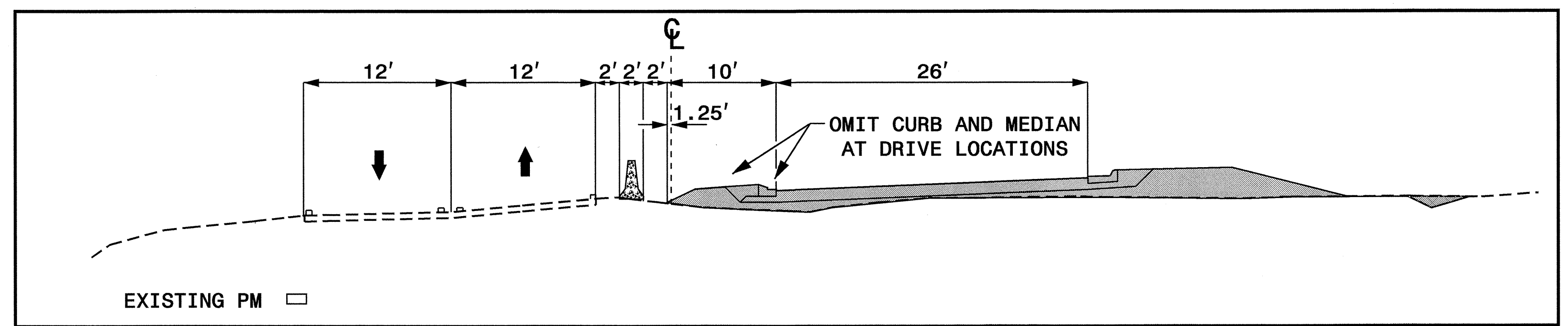
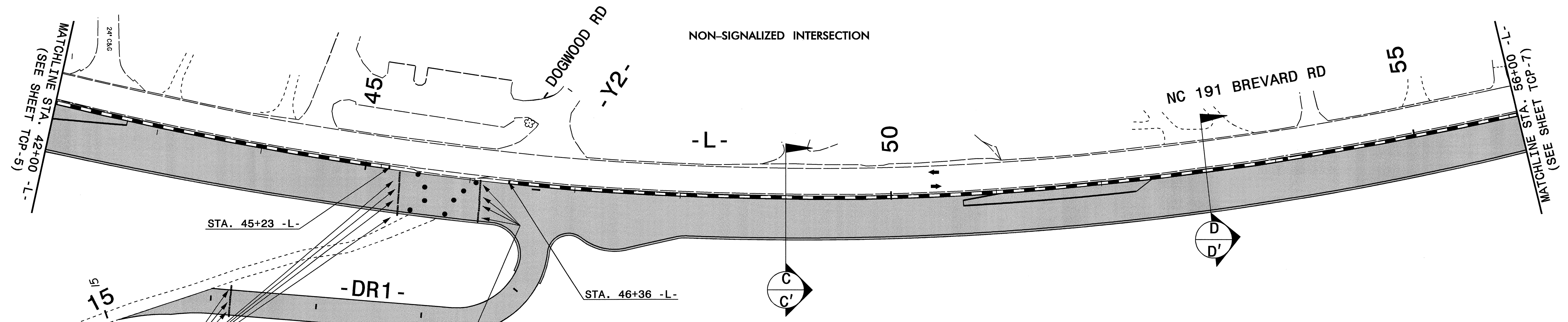
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

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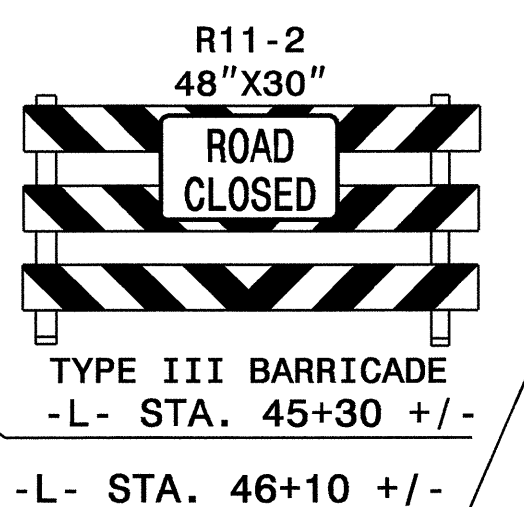
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REVISIONS											
DWG. BY: DAH	DESIGN BY: DAH										
REVIEWED BY: JWW											



CUT SECTION C-C'
STA. 49+00 -L-



CUT SECTION D-D'
STA. 53+00 -L-

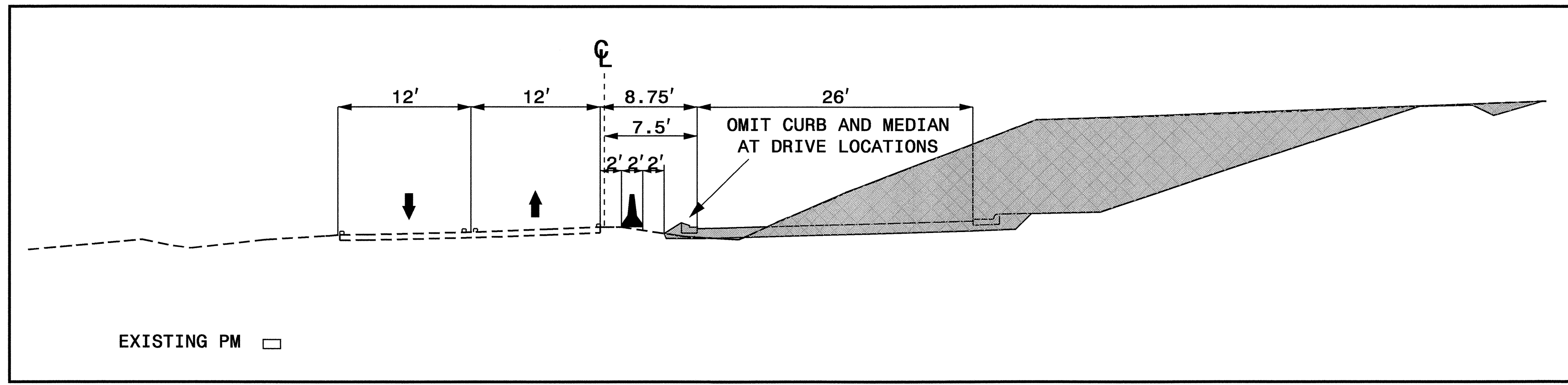


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↔ : QA ↔ : QD ↔ : QG
- ↔ : QB ↔ : QE
- ↔ : QC ↔ : QF
- : EXISTING PAVEMENT MARKING SYMBOL

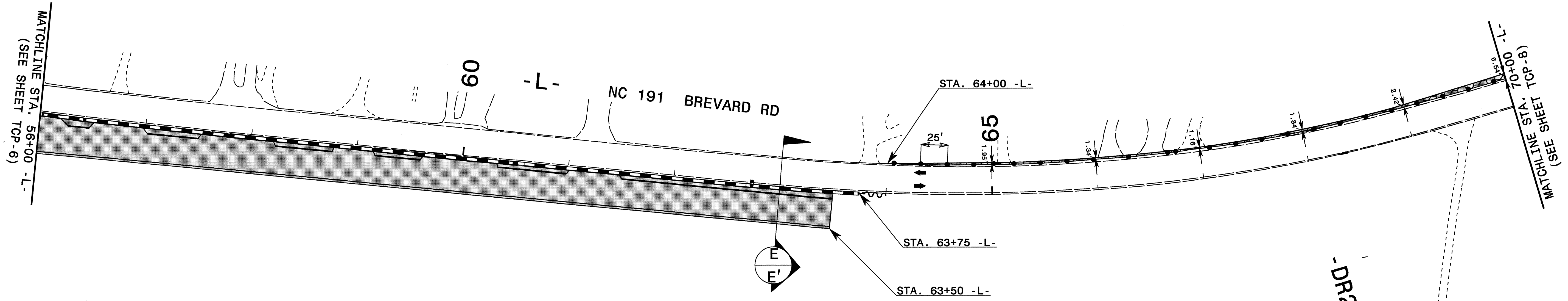
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE I	
	2/29/08		
SCALE:	NONE		REVISIONS
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DWG. BY:	DAH		
DESIGN BY:	DAH		
REVIEWED BY:	JWW		

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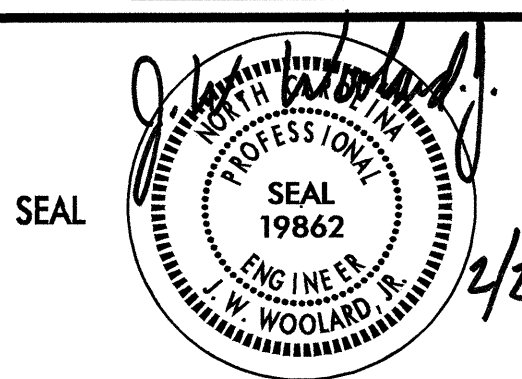


CUT SECTION $\frac{E}{E'}$
 STA. 63+00 -L-

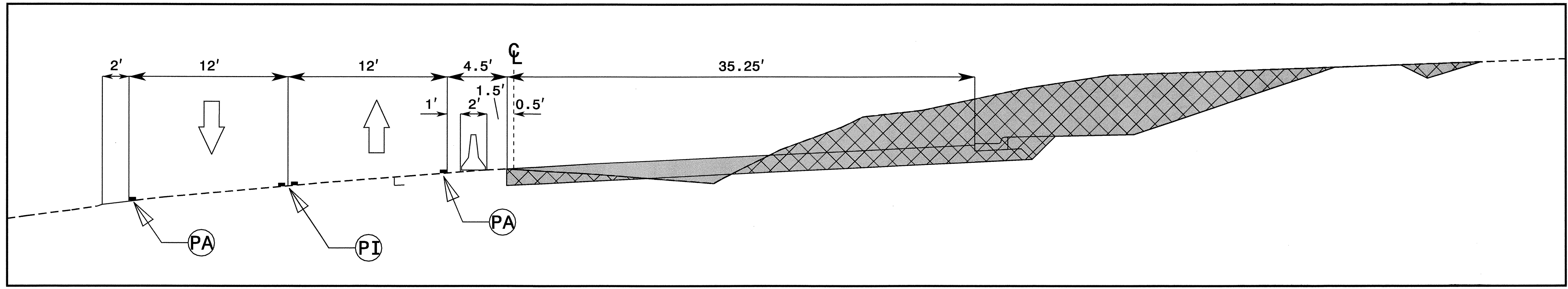


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↕ : QG
- ↘ : QB ↙ : QE
- ↔ : QC ↔ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL

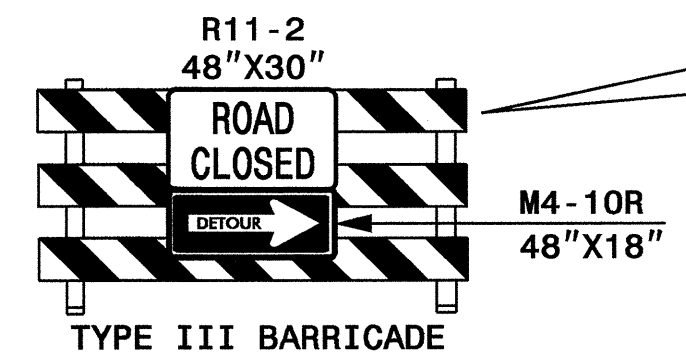
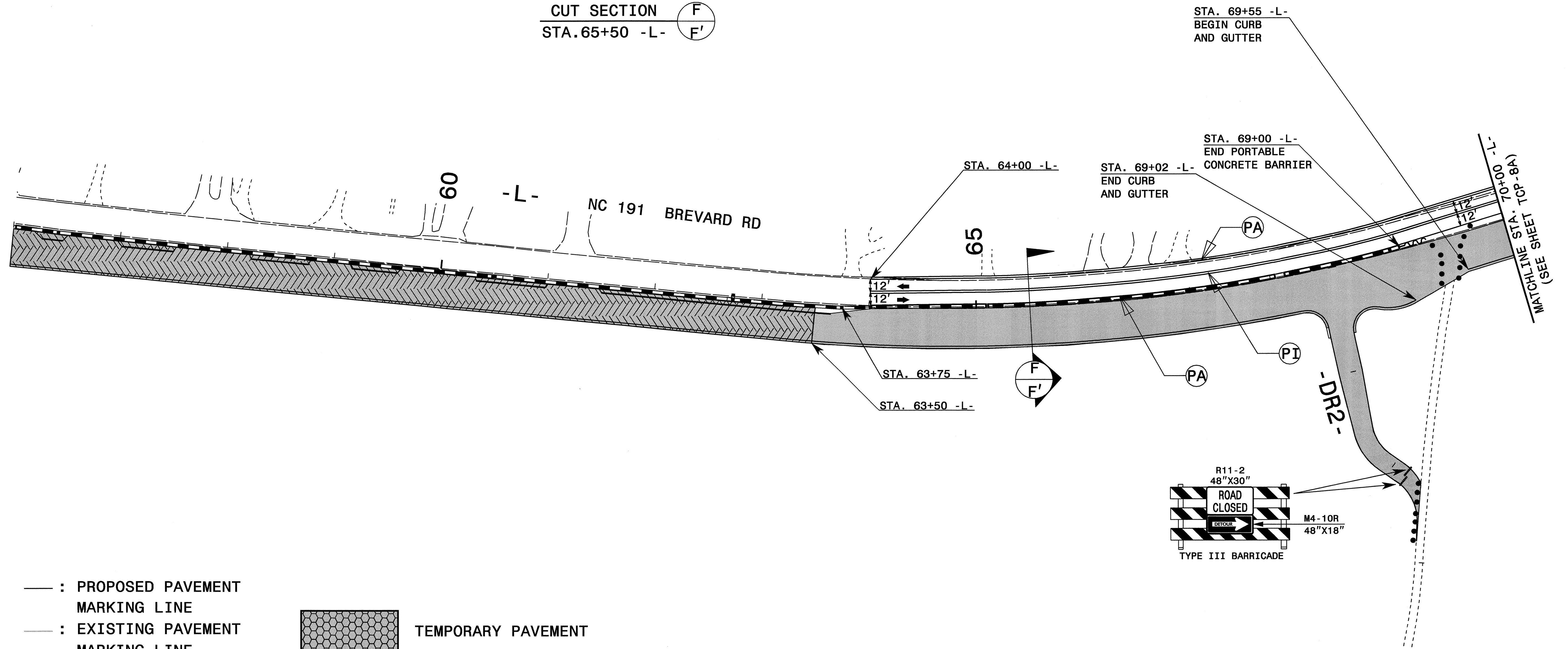
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED: 	DATE: 2/24/08	AREA 1, PHASE I DETAIL 1	
SCALE: NONE	DESIGN BY: DAH		
DWG. BY: DAH	REVIEWED BY: JWW		

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CUT SECTION F-F'
STA. 65+50 -L-

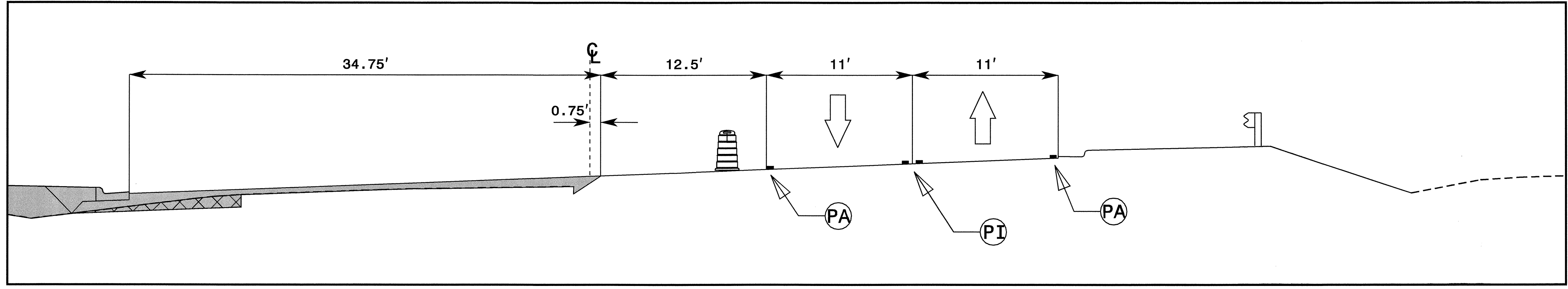


- : PROPOSED PAVEMENT MARKING LINE
- : EXISTING PAVEMENT MARKING LINE
- ↔ : QA ↔ : QD ↔ : QG
- ↔ : QB ↗ : QE
- ↔ : QC ↘ : QF
- ↔ : EXISTING PAVEMENT MARKING SYMBOL
- TEMPORARY PAVEMENT
- ONGOING CONSTRUCTION

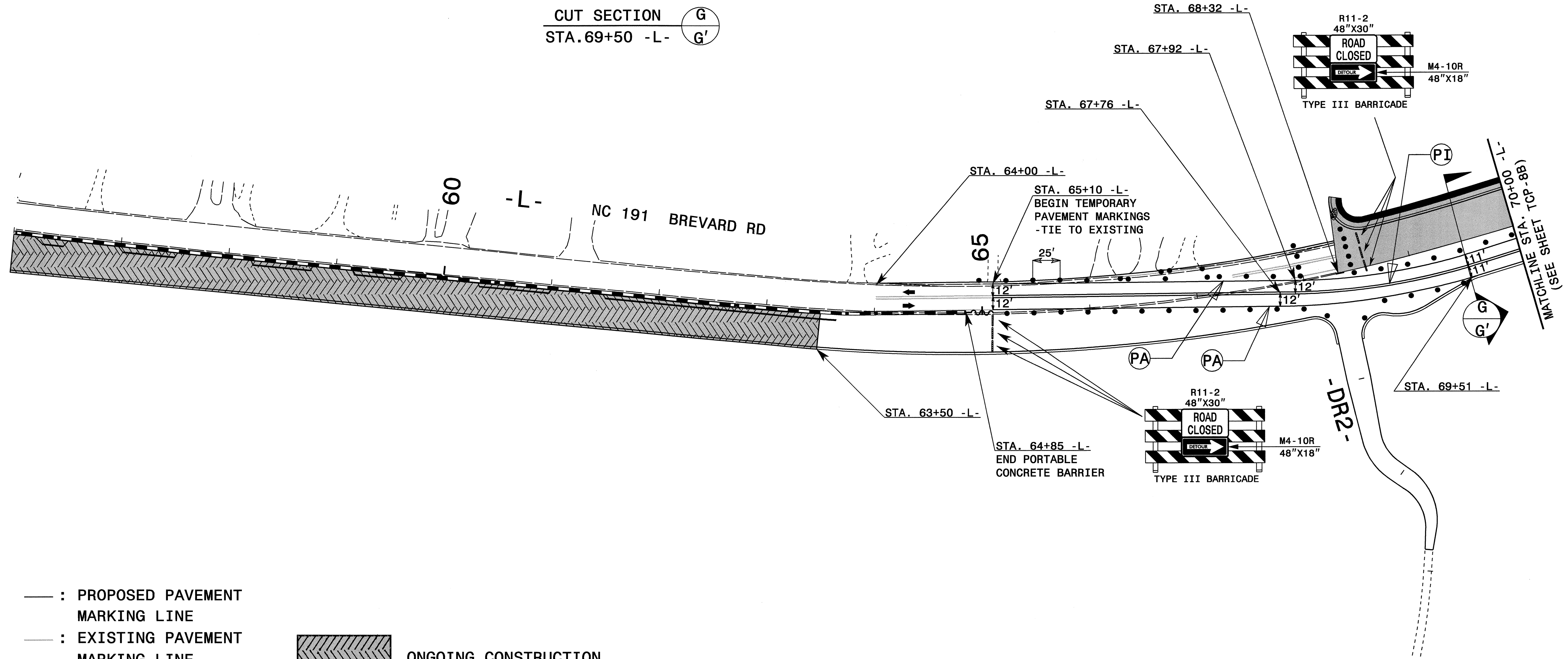
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

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SCALE: NONE	DATE: 02/08		
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW	REVISIONS		

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CUT SECTION **G**
STA. 69+50 -L- **G'**

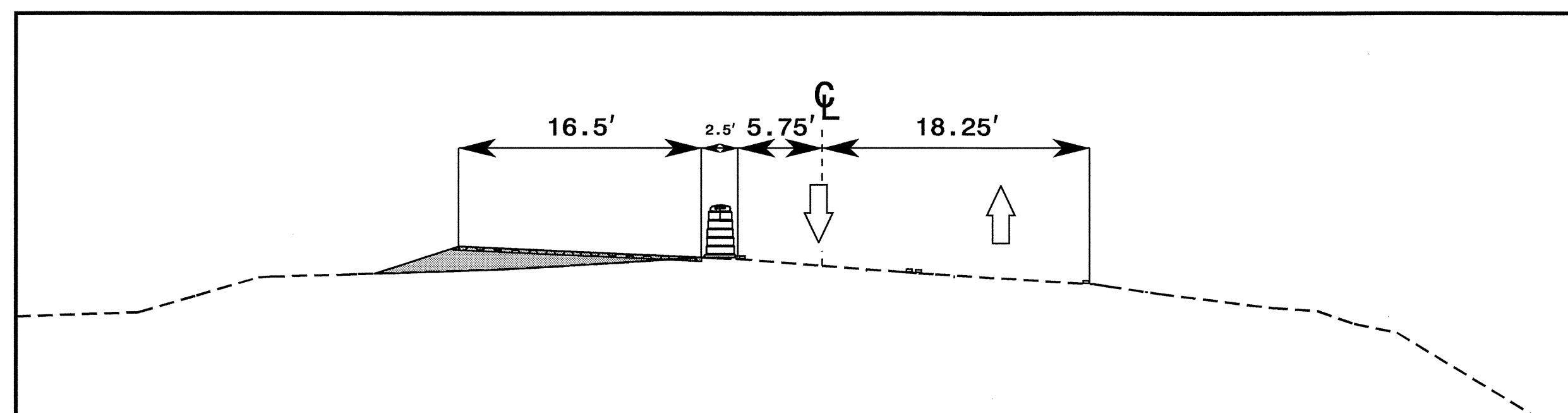


- : PROPOSED PAVEMENT MARKING LINE
 - : EXISTING PAVEMENT MARKING LINE
 - ↔ : QA ↔ : QD ↔ : QG
 - ↔ : QB ↗ : QE
 - ↔ : QC ↘ : QF
 - ↗ : EXISTING PAVEMENT MARKING SYMBOL
- ONGOING CONSTRUCTION

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE: 2/29/08	AREA 1, PHASE I DETAIL 3	
SCALE: NONE	DATE: 02/08		
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW	REVISIONS		

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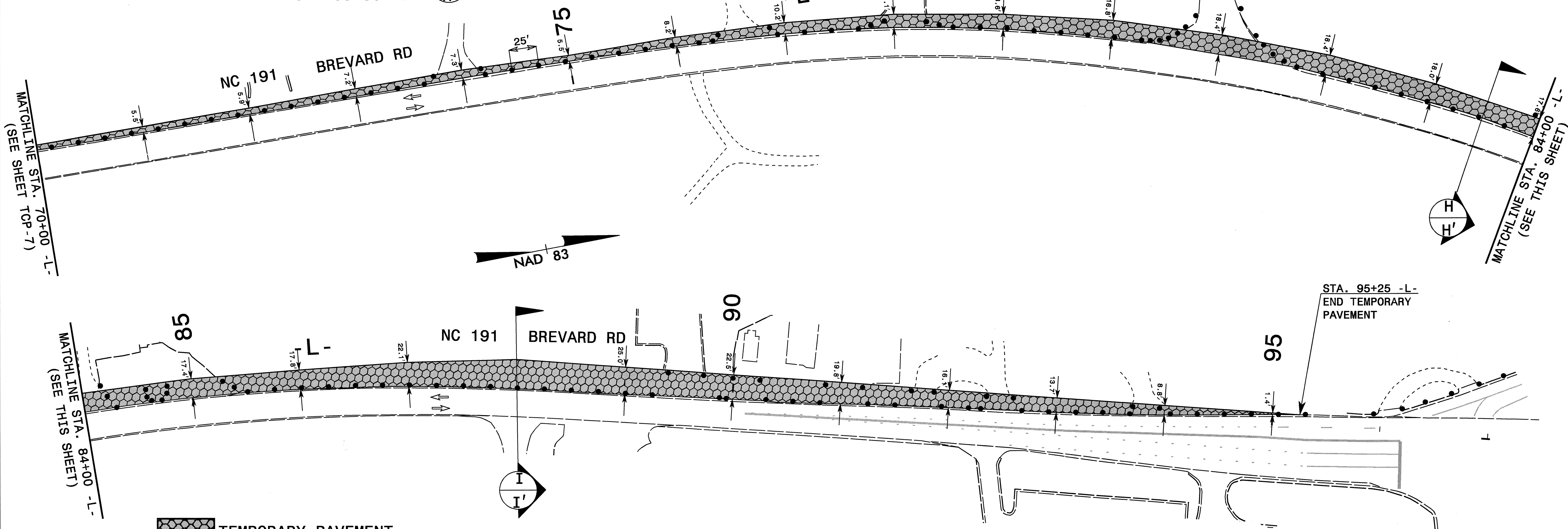
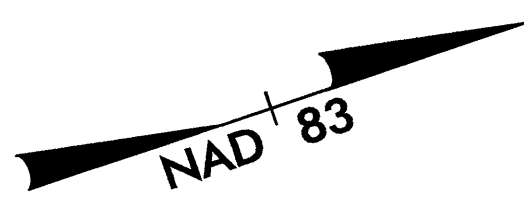


CUT SECTION H-H'
STA. 83+50 -L-

SIGNALIZED INTERSECTION

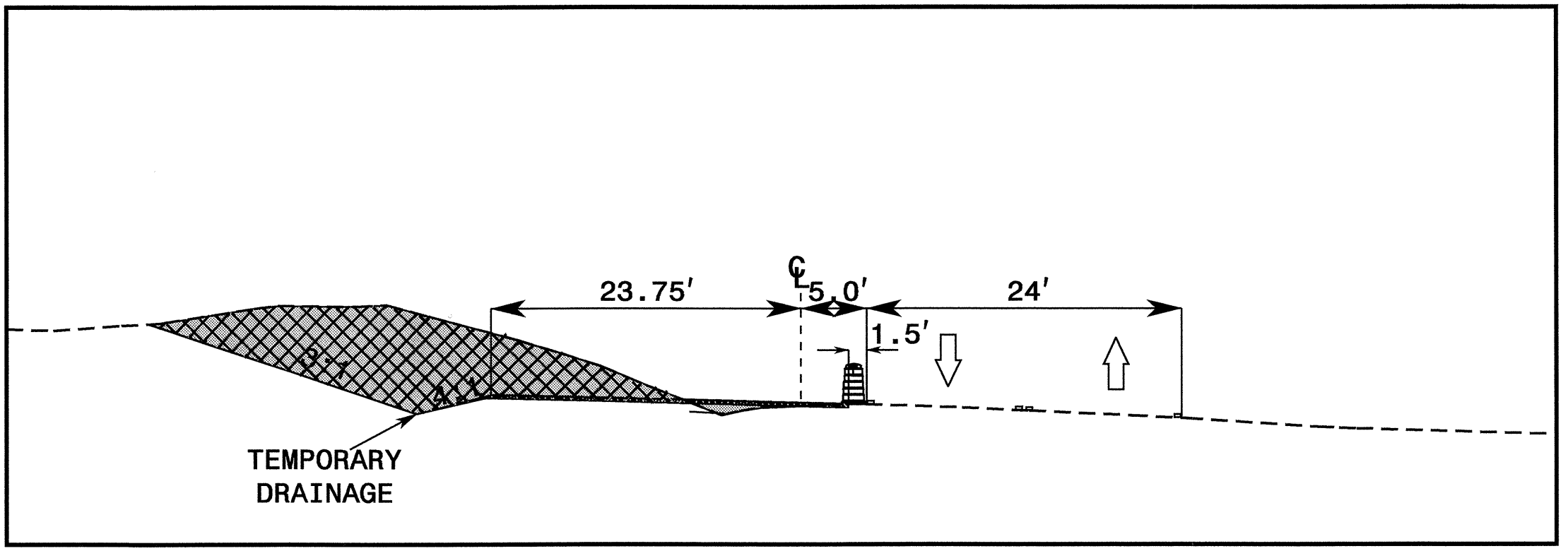
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-Y3-



TEMPORARY PAVEMENT

- : PROPOSED PAVEMENT MARKING LINE
- : EXISTING PAVEMENT MARKING LINE
- : QA : QB : QC : QD : QE : QF : QG
- : EXISTING PAVEMENT MARKING SYMBOL

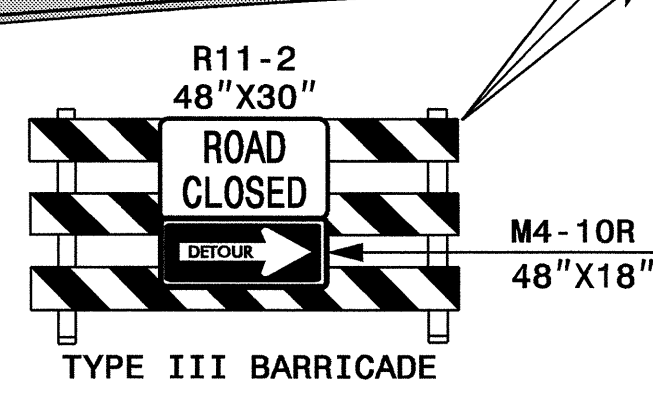
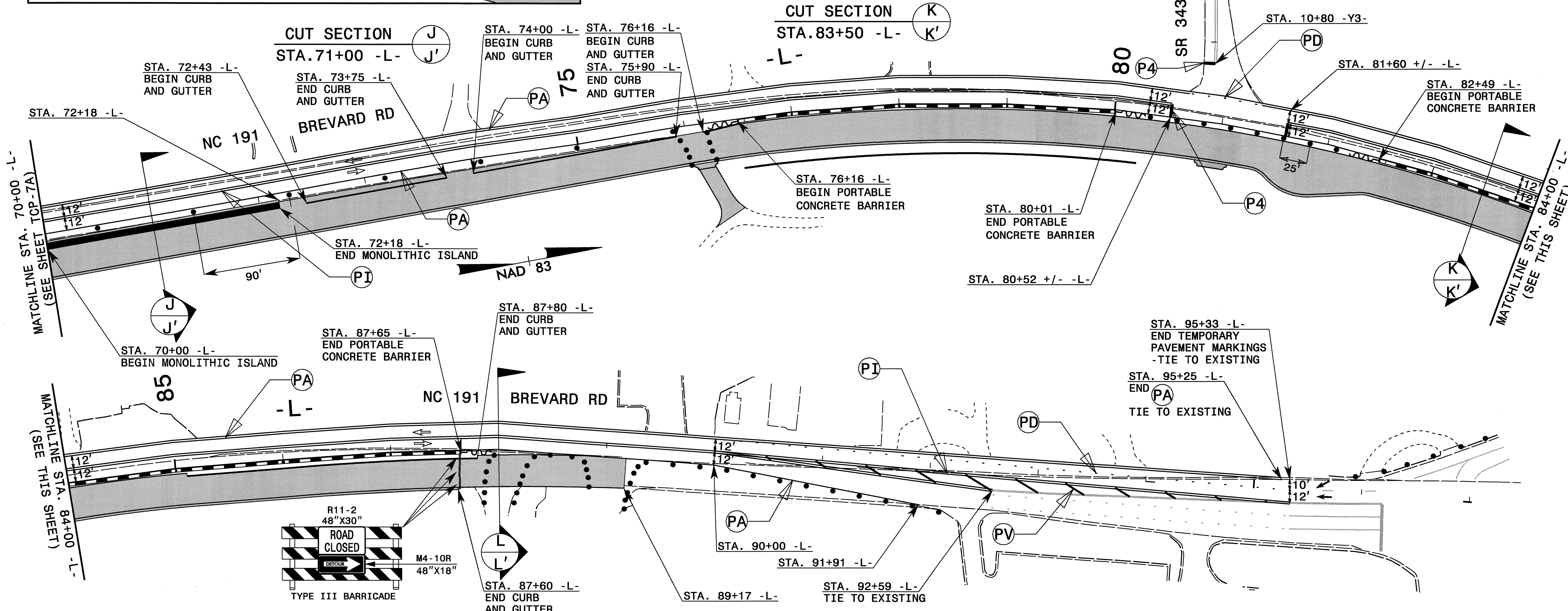
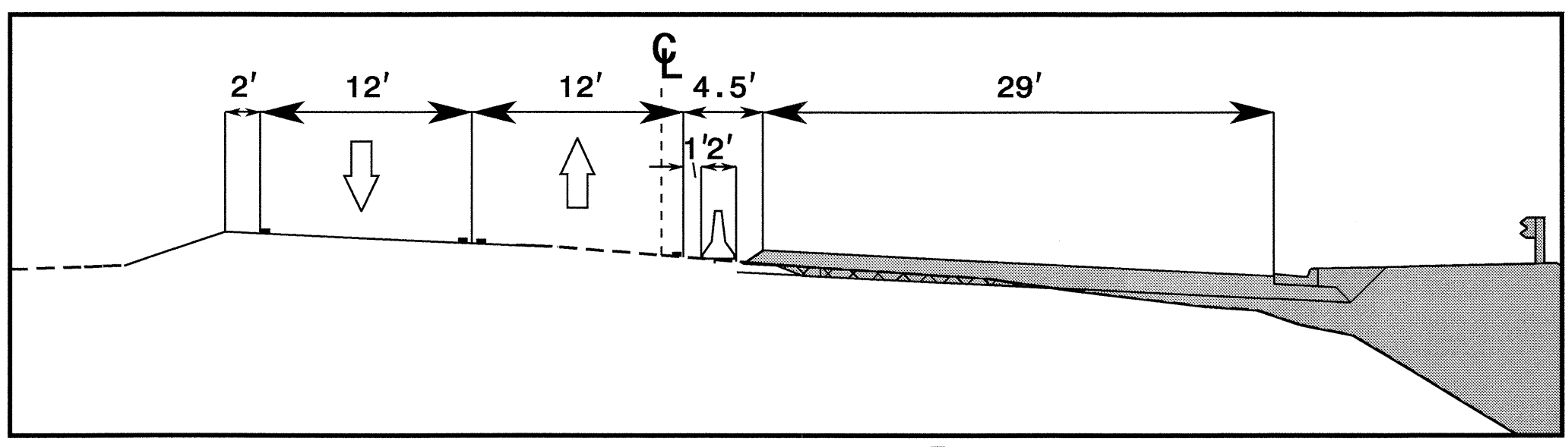
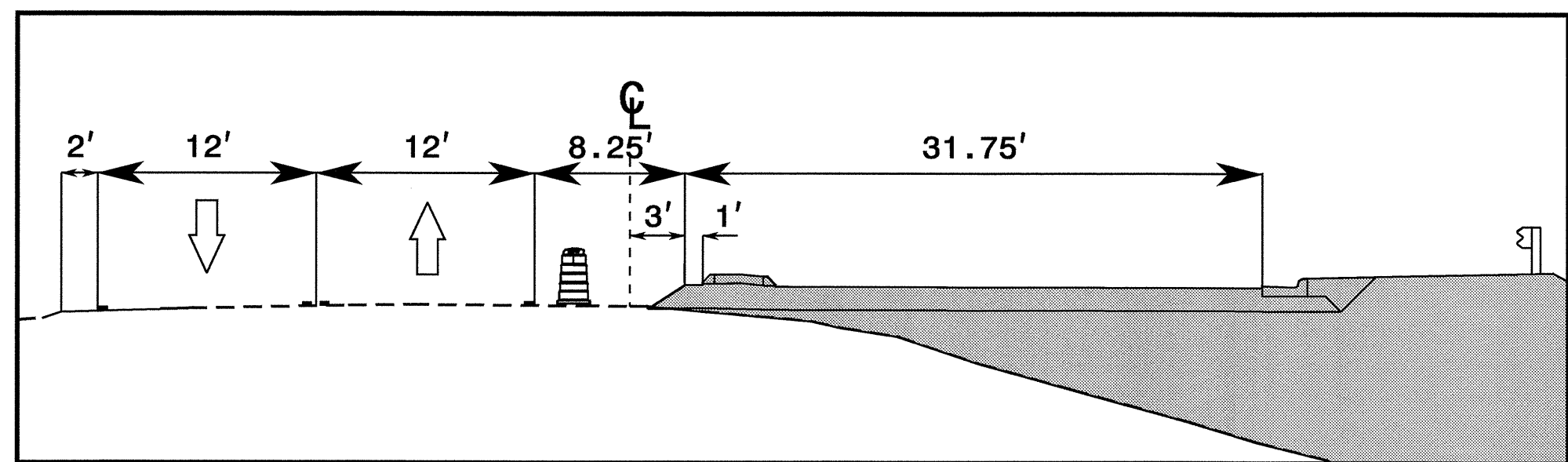


CUT SECTION I-I'
STA. 88+00 -L-

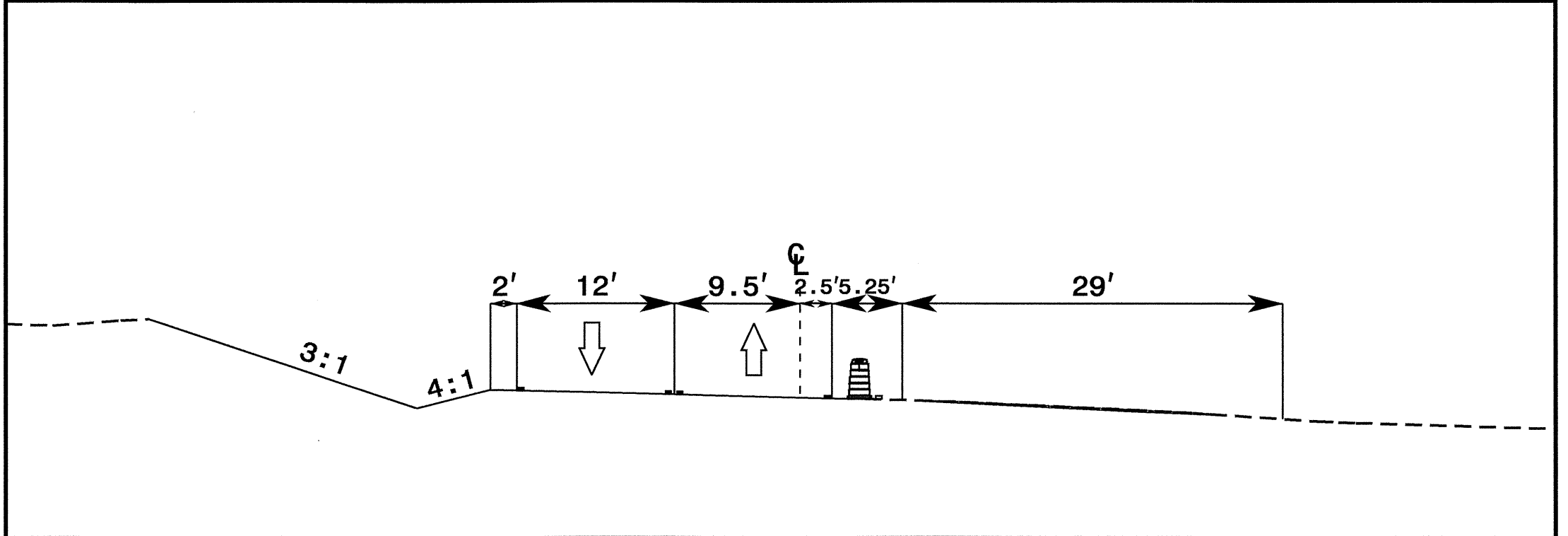
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE: 2/24/08	AREA 1, PHASE I DETAIL 1	
SCALE: NONE	REVISIONS		
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW	CHD		

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- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↘ : QG
- ↙ : QB ↖ : QE
- ↕ : QC ↗ : QF
- ↔ : EXISTING PAVEMENT MARKING SYMBOL



- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED: _____ DATE: _____

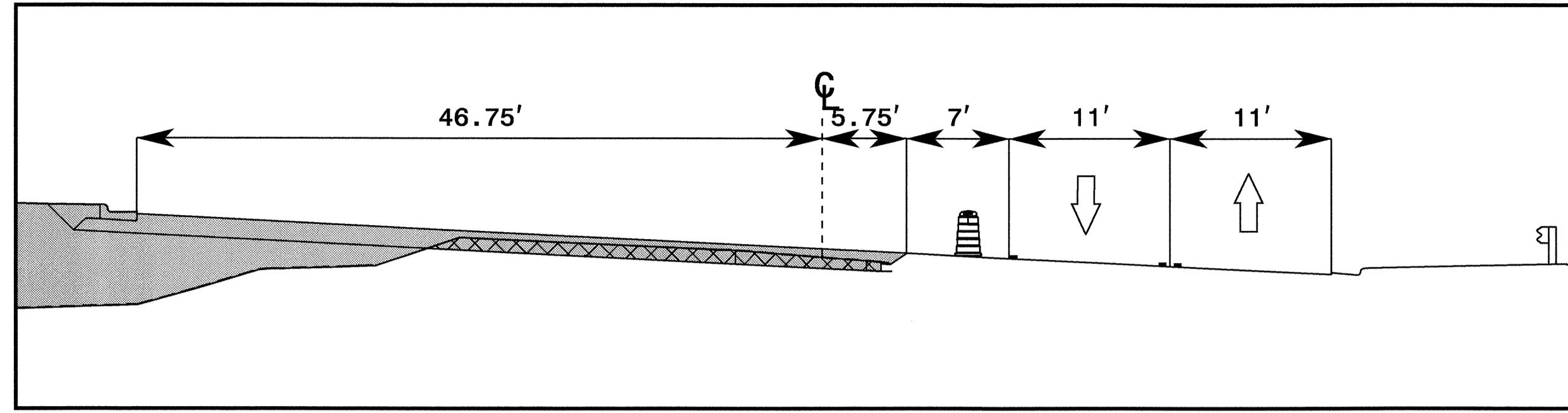
SEAL: [Professional Engineer Seal: J. Woolard, Inc., No. 19862, State of Florida]

2/29/08

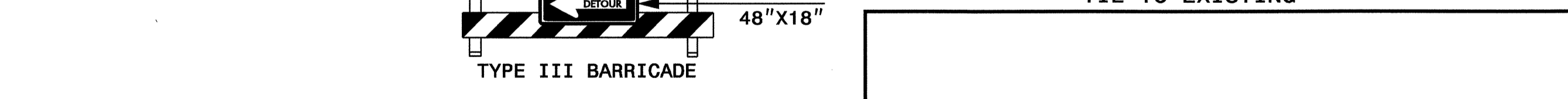
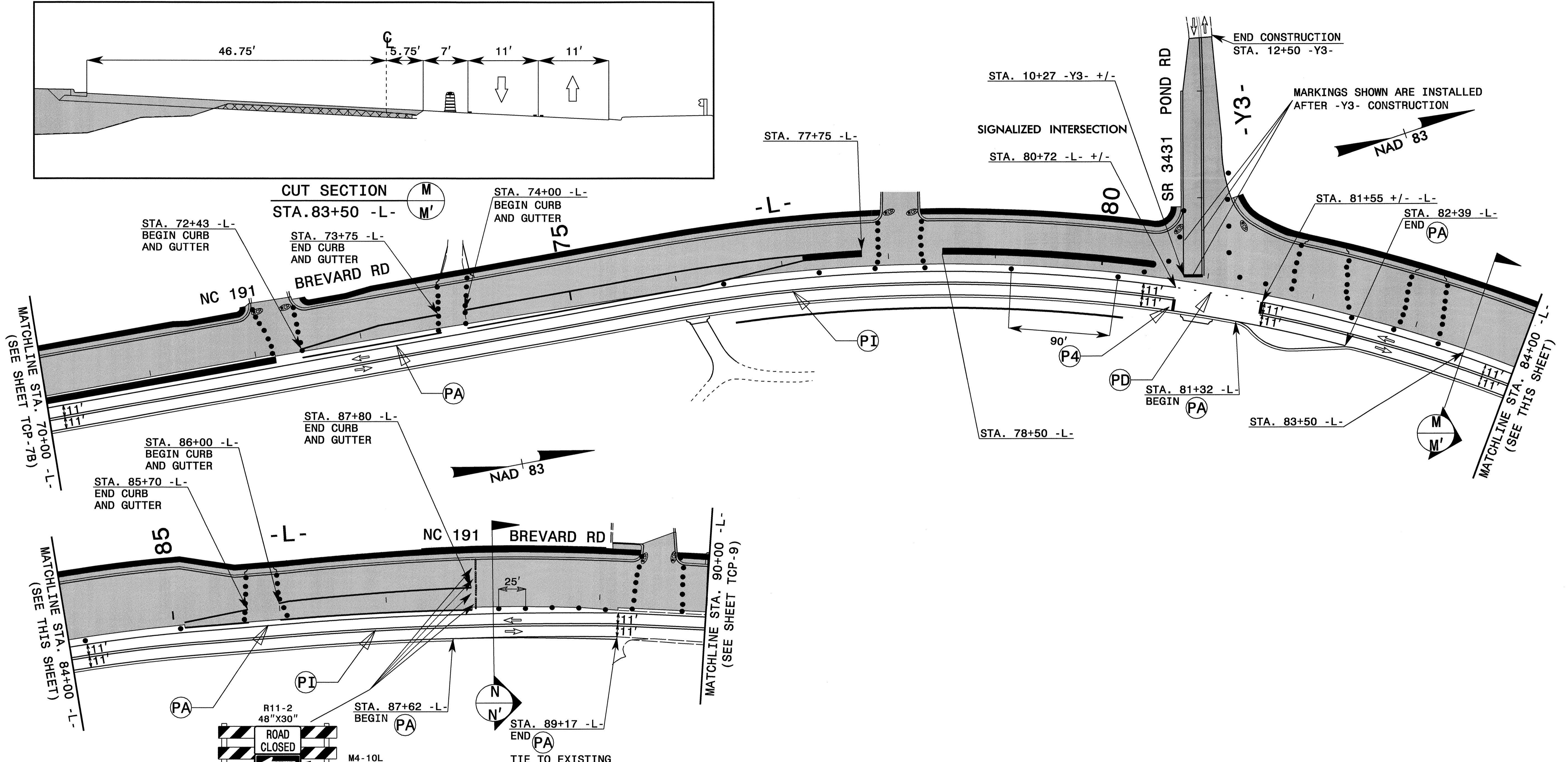
AREA 1, PHASE I
DETAIL 2

SCALE: NONE		REVISIONS
DATE: 02/08		
DESIGN BY: DAH		
REVIEWED BY: JWW		

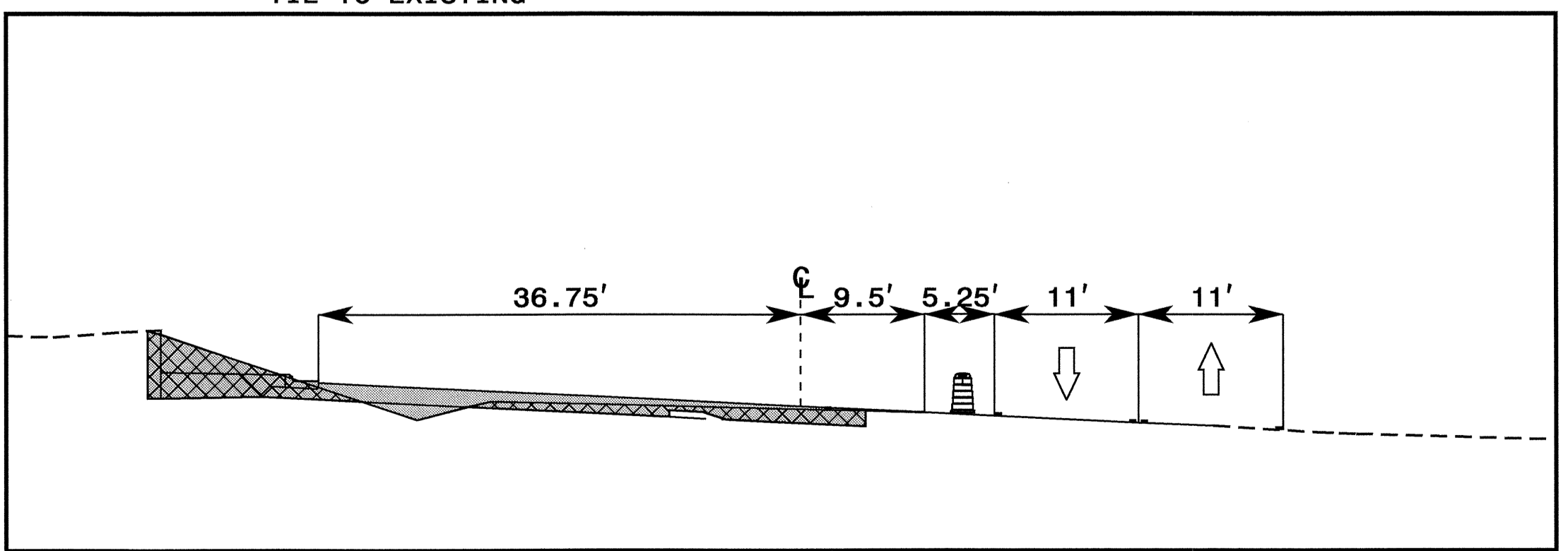
27-FEB-2008 10:59
 \\dot\dfs\oof\NSP\proj\TIP\projects-U3601\trafficcontrol\top\TCP-U-3601_TC_TCP_08A.dgn
 dahves AT WZTC22424



CUT SECTION
STA. 83+50 -L-



- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↘ : QG
- ↙ : QB ↖ : QE
- ↕ : QC ↗ : QF
- ↔ : EXISTING PAVEMENT MARKING SYMBOL



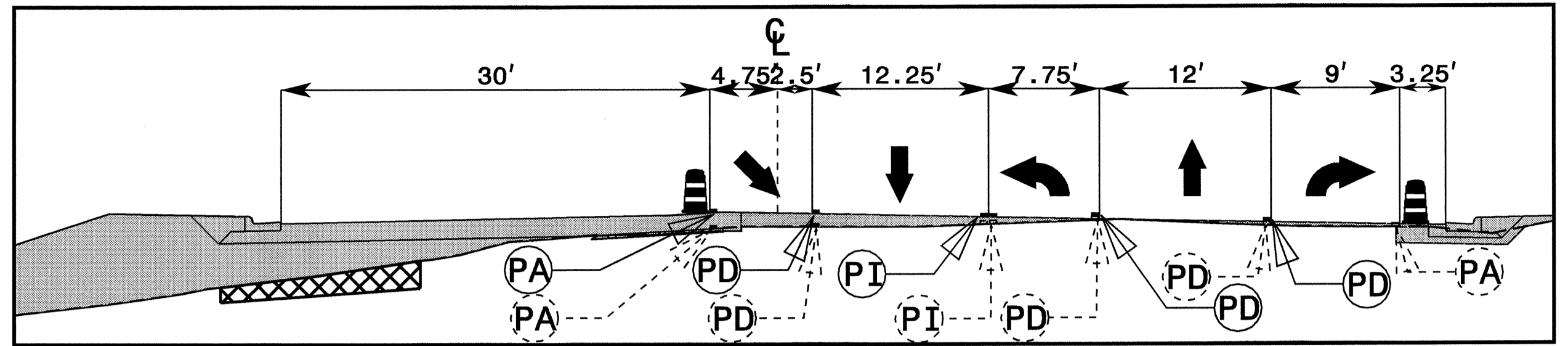
CUT SECTION
STA. 88+00 -L-

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE: 2/29/08	AREA 1, PHASE I DETAIL 3							
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REVISIONS									
REVIEWED BY: JWW		<table border="1"> <tr> <td>CADD</td> <td>FILE</td> </tr> </table>		CADD	FILE				
CADD	FILE								

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 at WZTC22424

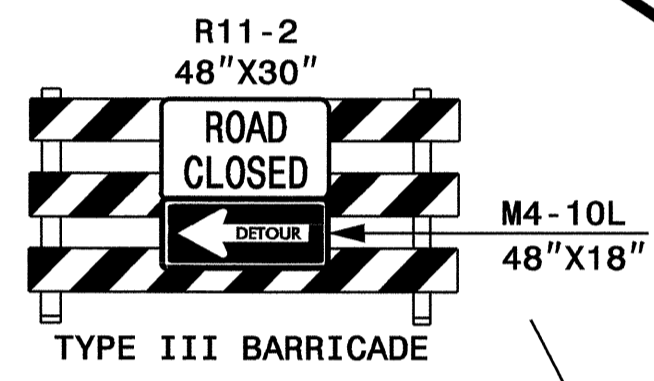
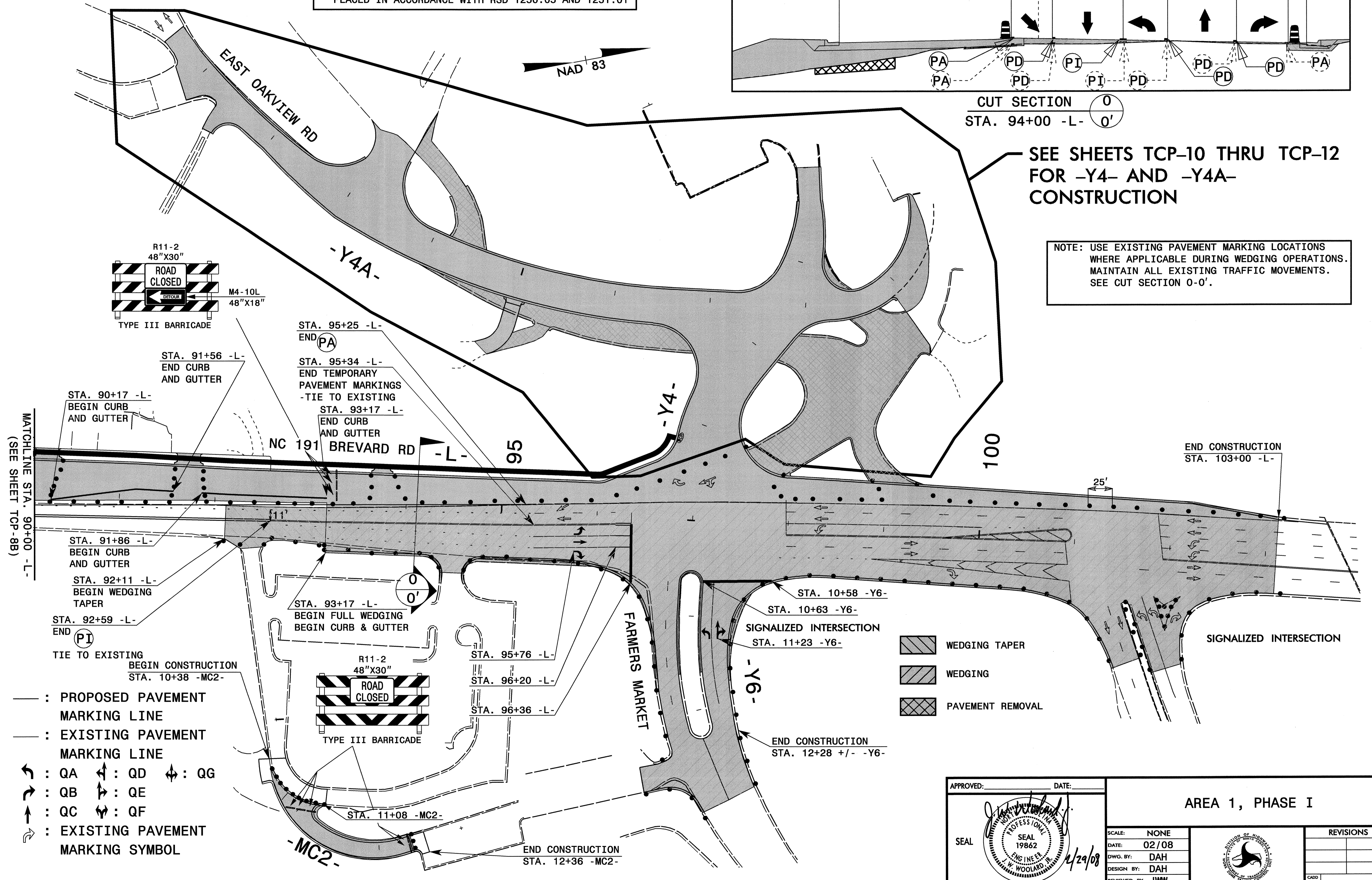
● FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
 ● TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01



CUT SECTION 0
 STA. 94+00 -L- 0'

SEE SHEETS TCP-10 THRU TCP-12 FOR -Y4- AND -Y4A- CONSTRUCTION

NOTE: USE EXISTING PAVEMENT MARKING LOCATIONS WHERE APPLICABLE DURING WEDGING OPERATIONS. MAINTAIN ALL EXISTING TRAFFIC MOVEMENTS. SEE CUT SECTION 0-0'.



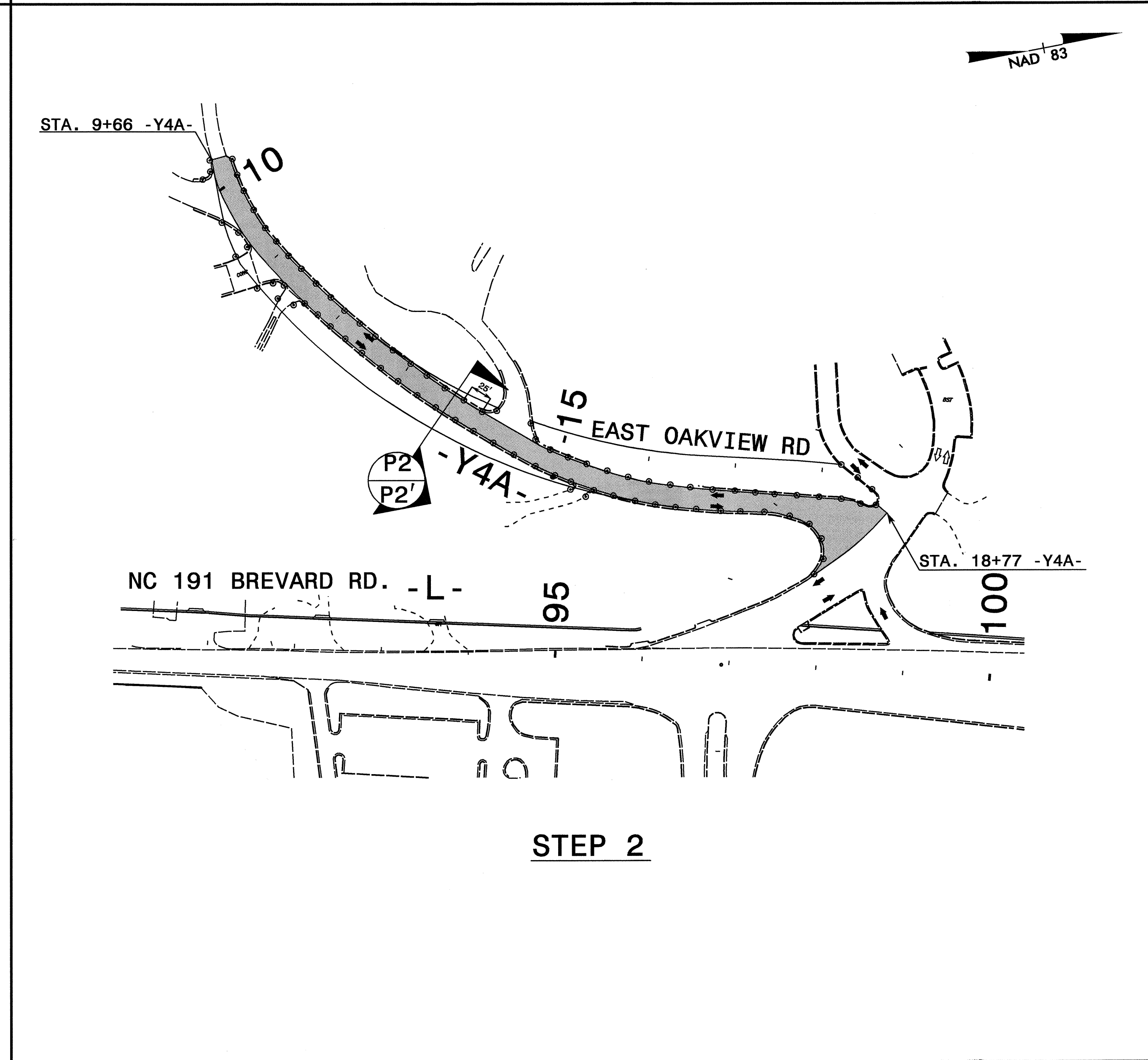
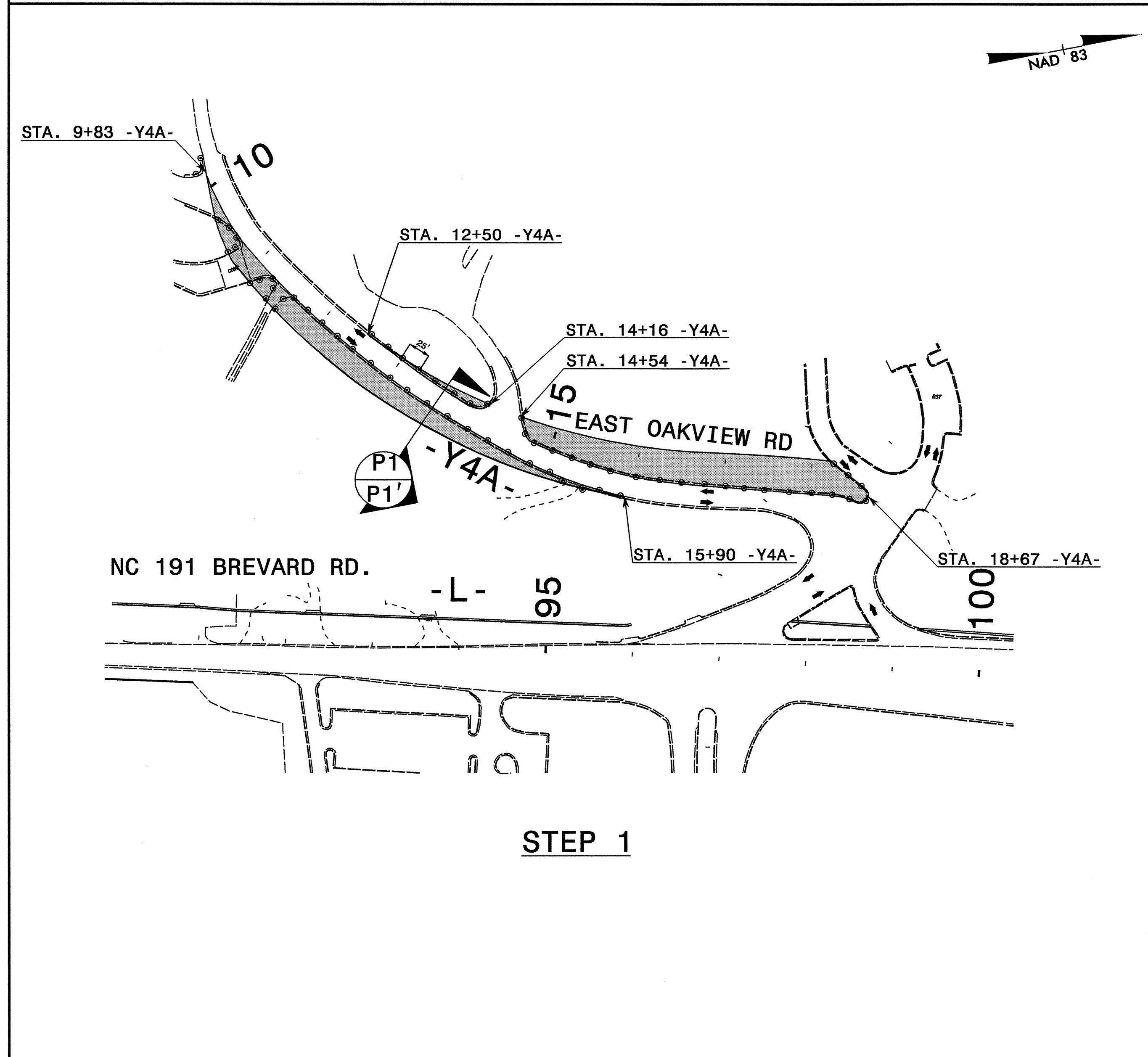
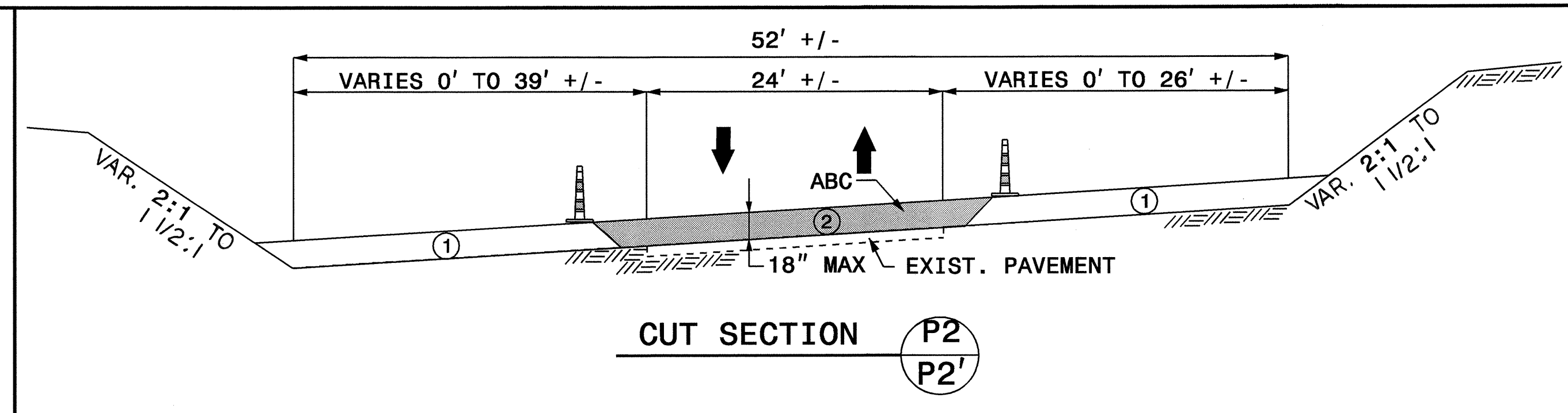
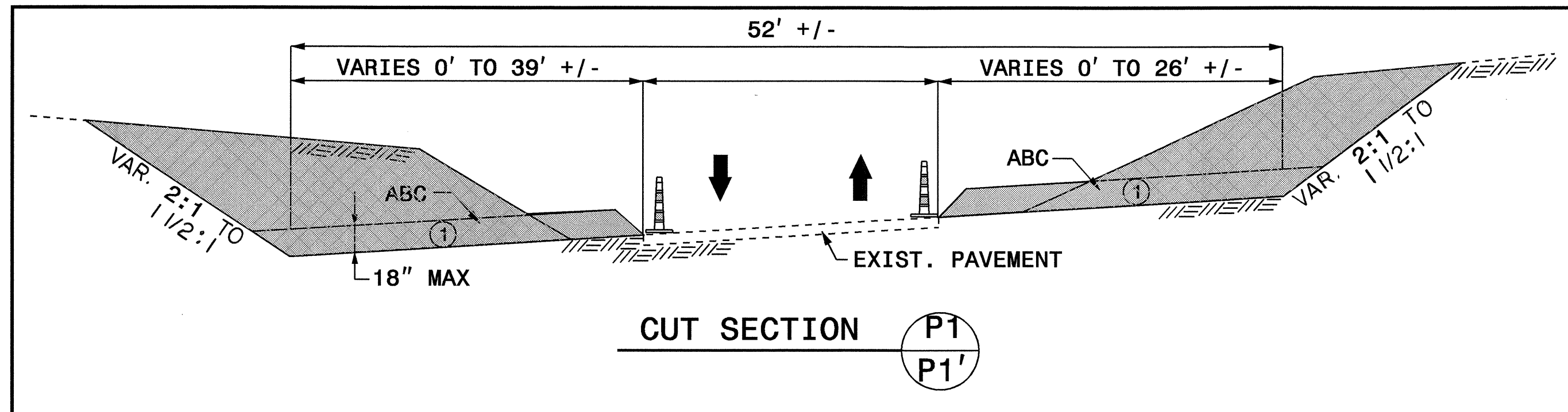
MATCHLINE STA. 90+00 -L- (SEE SHEET TCP-8B)

- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↶ : QA ↷ : QD ↸ : QG
- ↷ : QB ↶ : QE
- ↸ : QC ↷ : QF
- ↶ : EXISTING PAVEMENT MARKING SYMBOL

- WEDGING TAPER
- WEDGING
- PAVEMENT REMOVAL

APPROVED: _____ DATE: _____	AREA 1, PHASE I							
SCALE: NONE	DATE: 02/08	<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS					
REVISIONS								
DWG. BY: DAH	DESIGN BY: DAH	<table border="1"> <tr> <td>REVIEWED BY: JWW</td> <td>CADD FILE</td> </tr> </table>	REVIEWED BY: JWW	CADD FILE				
REVIEWED BY: JWW	CADD FILE							

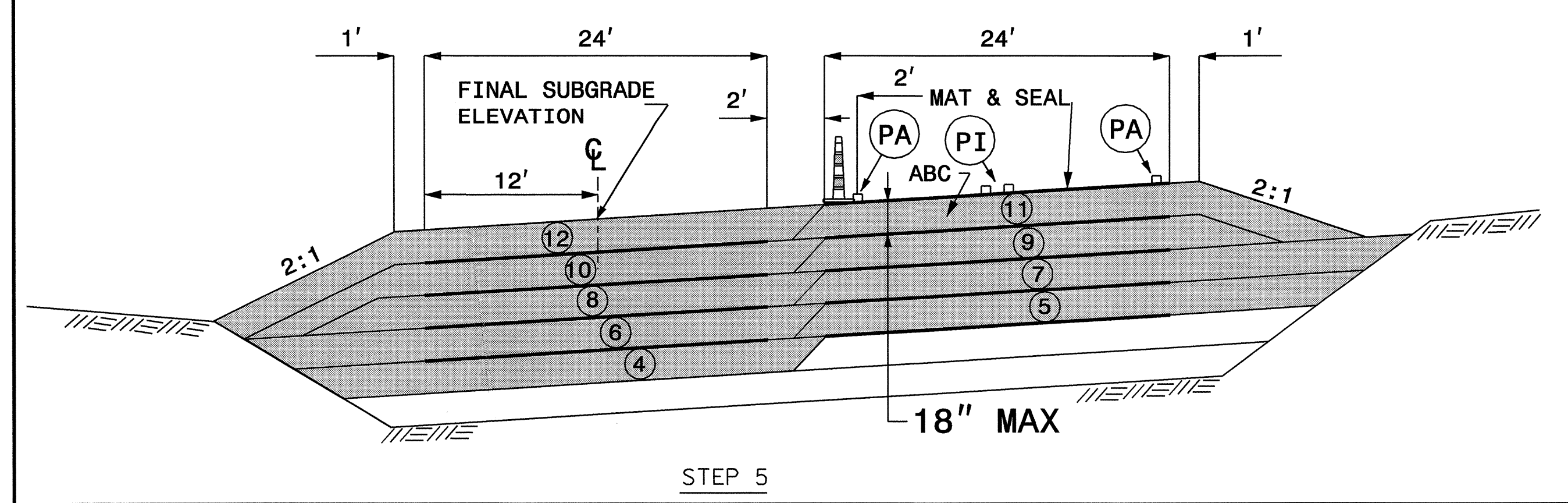
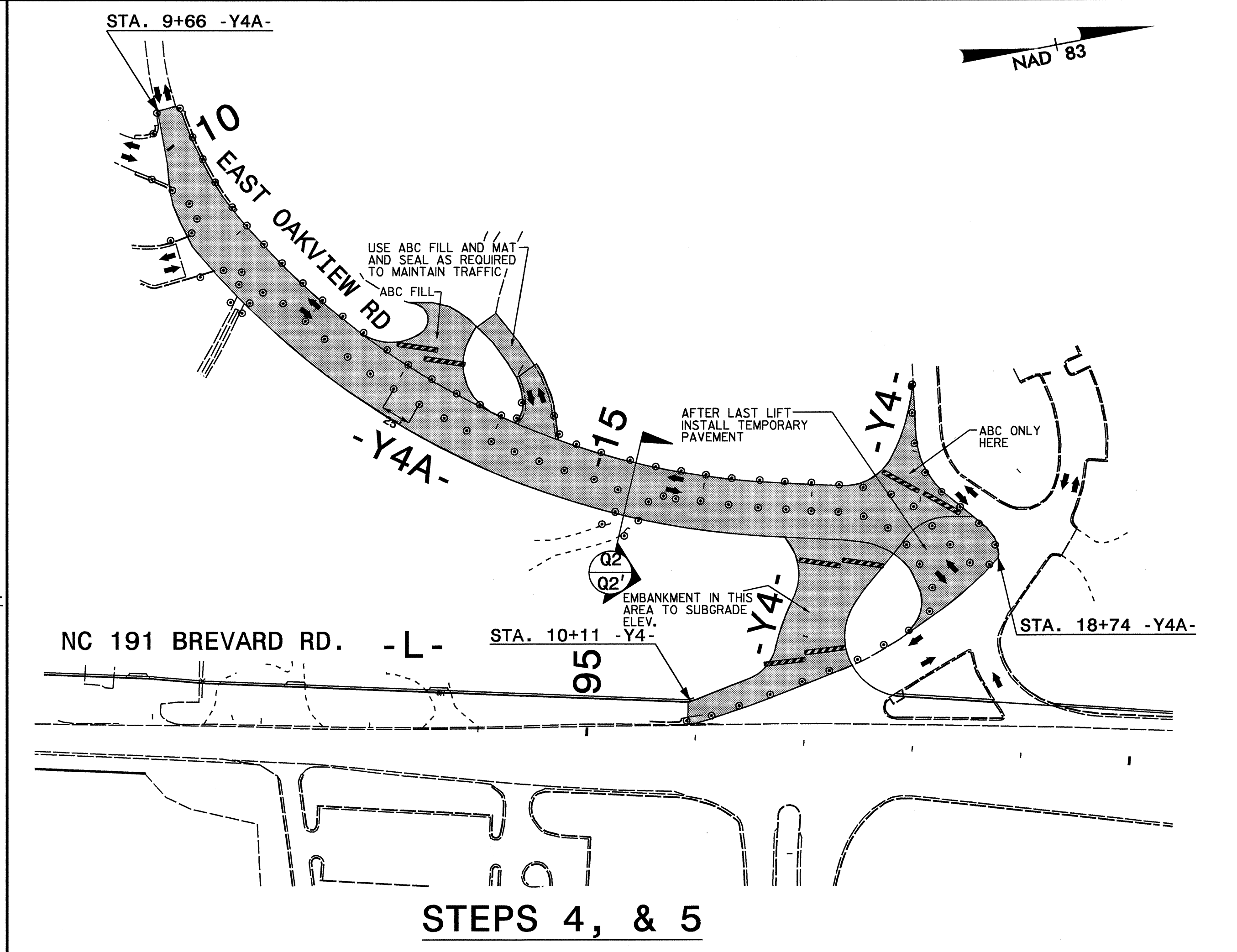
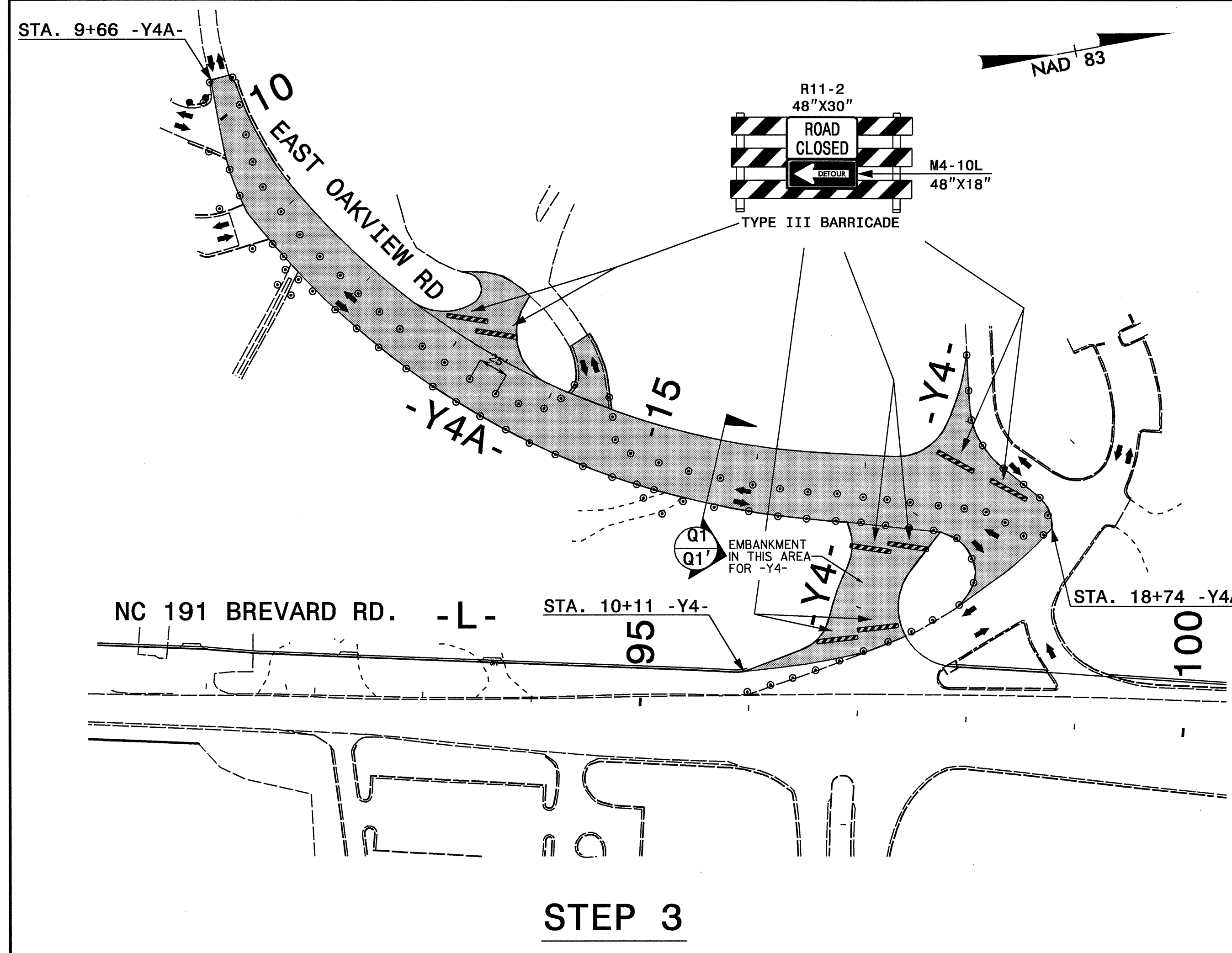
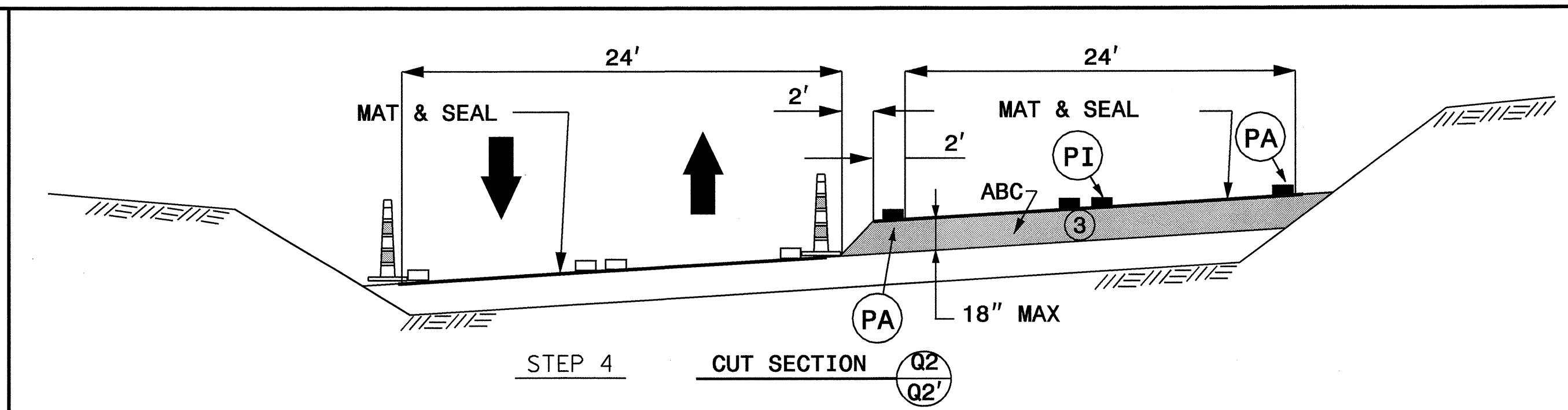
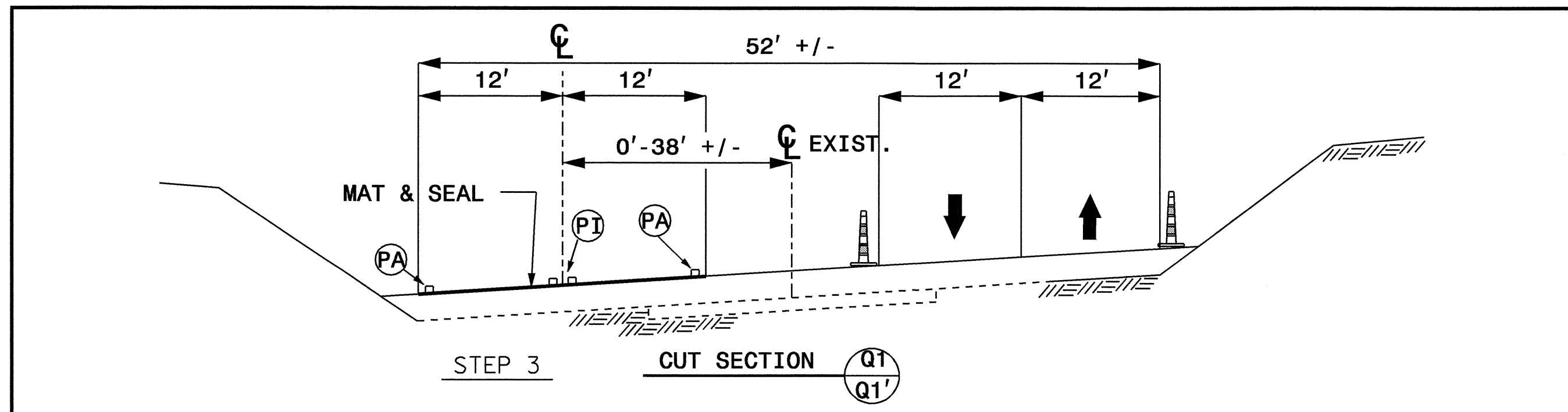
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 dhayes AT WZTC22424



- LEGEND**
- ② - LIFT SEQUENCE NUMBER
 - ← - DIRECTIONAL TRAFFIC FLOW
 - - MINI DRUM

APPROVED:	DATE: 2/29/08	AREA 2, PHASE I	
SCALE: NONE	REVISIONS		
DWG. BY: DAH	DATE: 02/08		
DESIGN BY: DAH	REVIEWED BY: JWW		
CADD FILE			

27-FEB-2008 10:58
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 ahayes AT WZTC22424

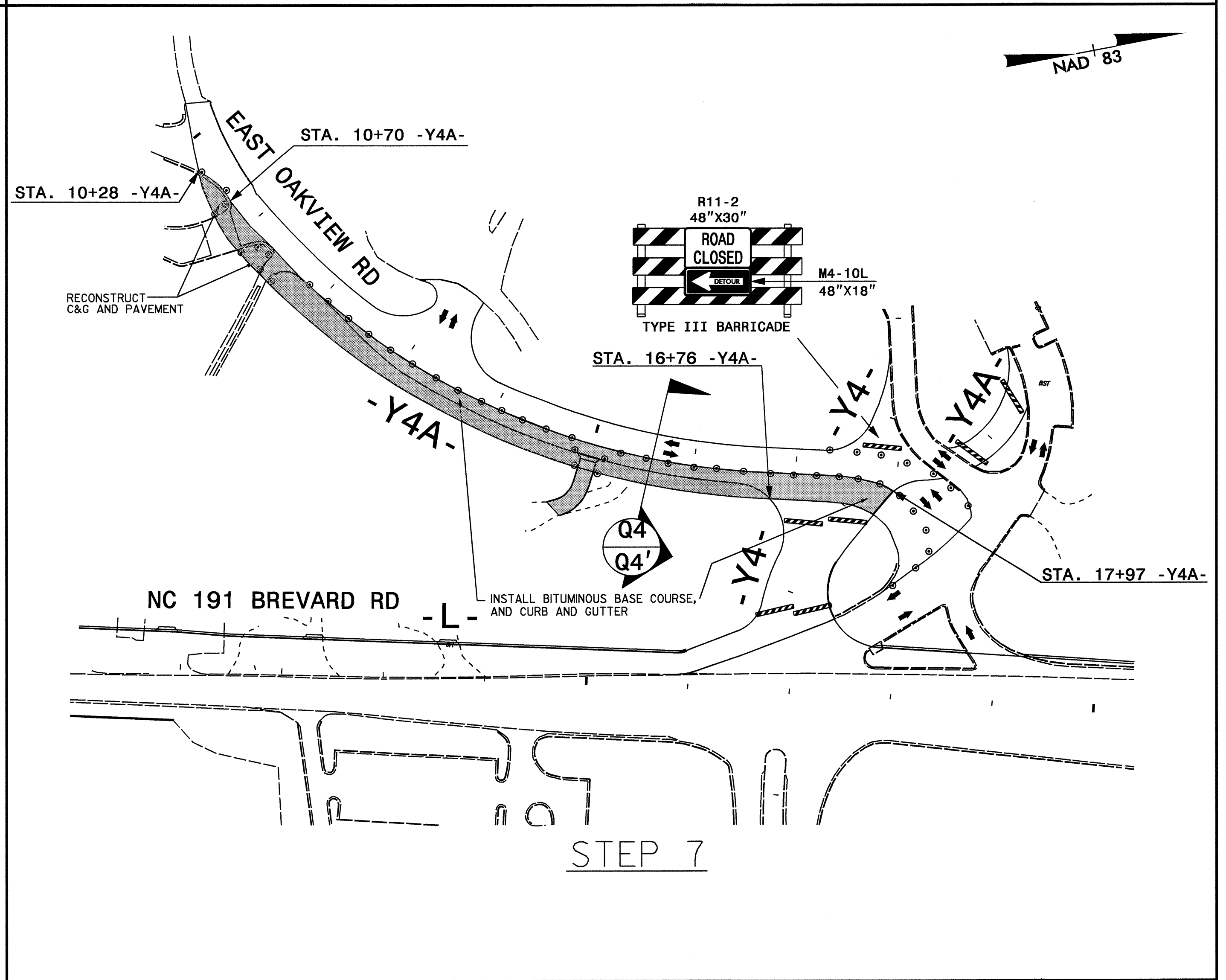
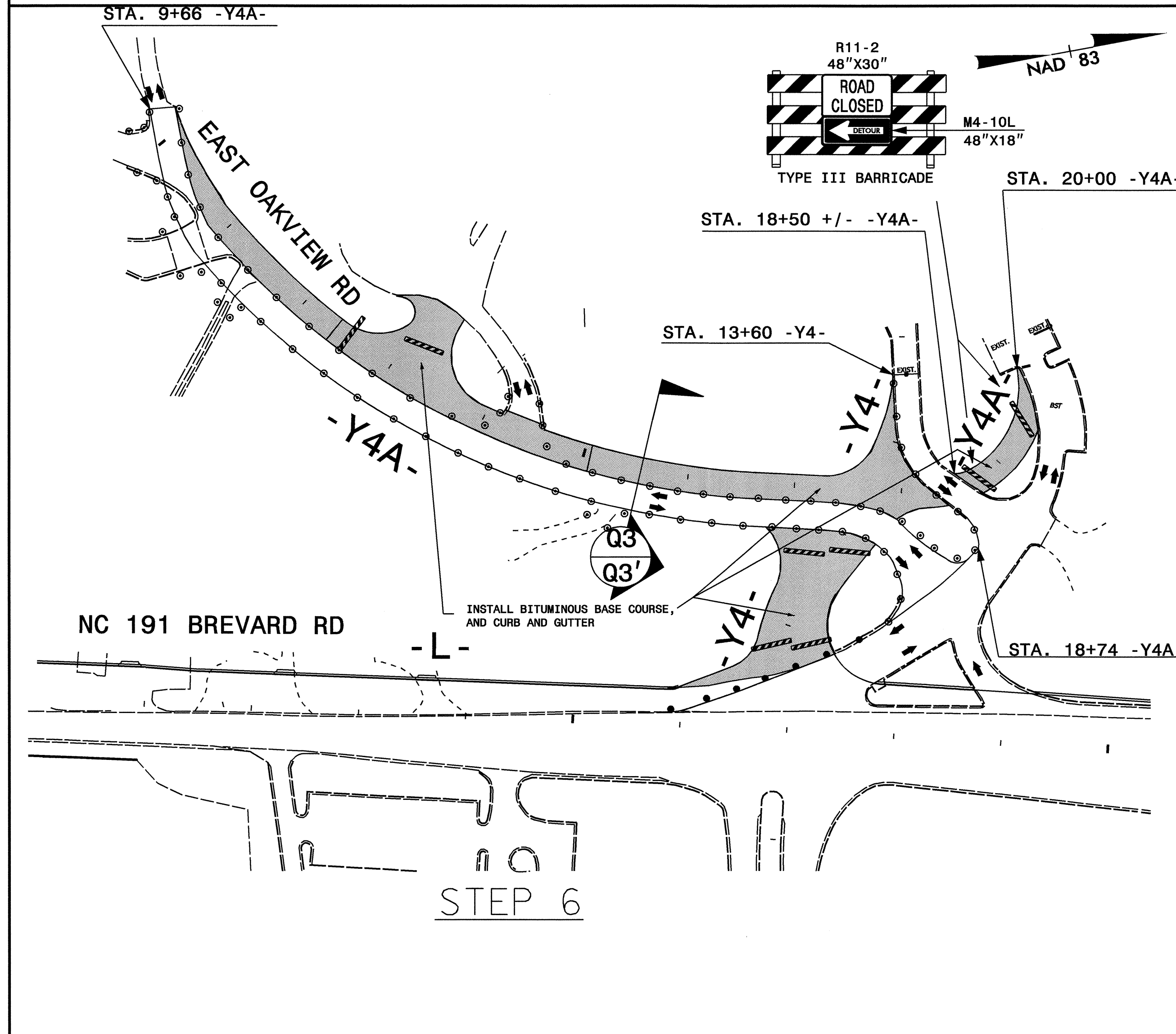
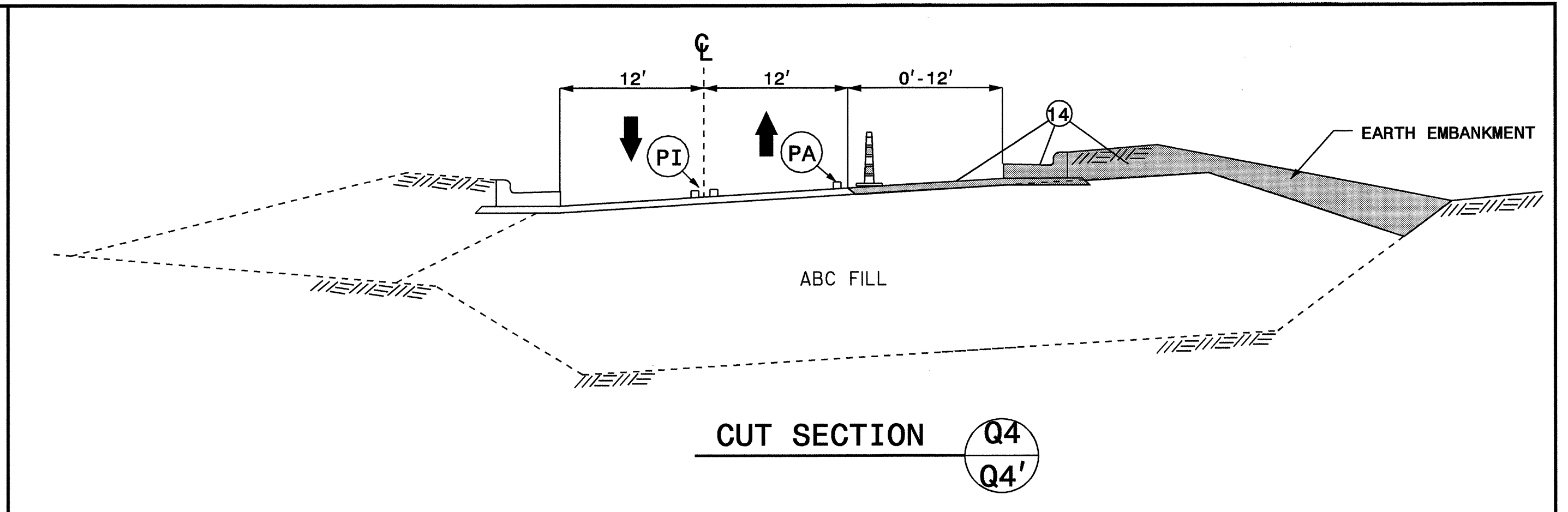
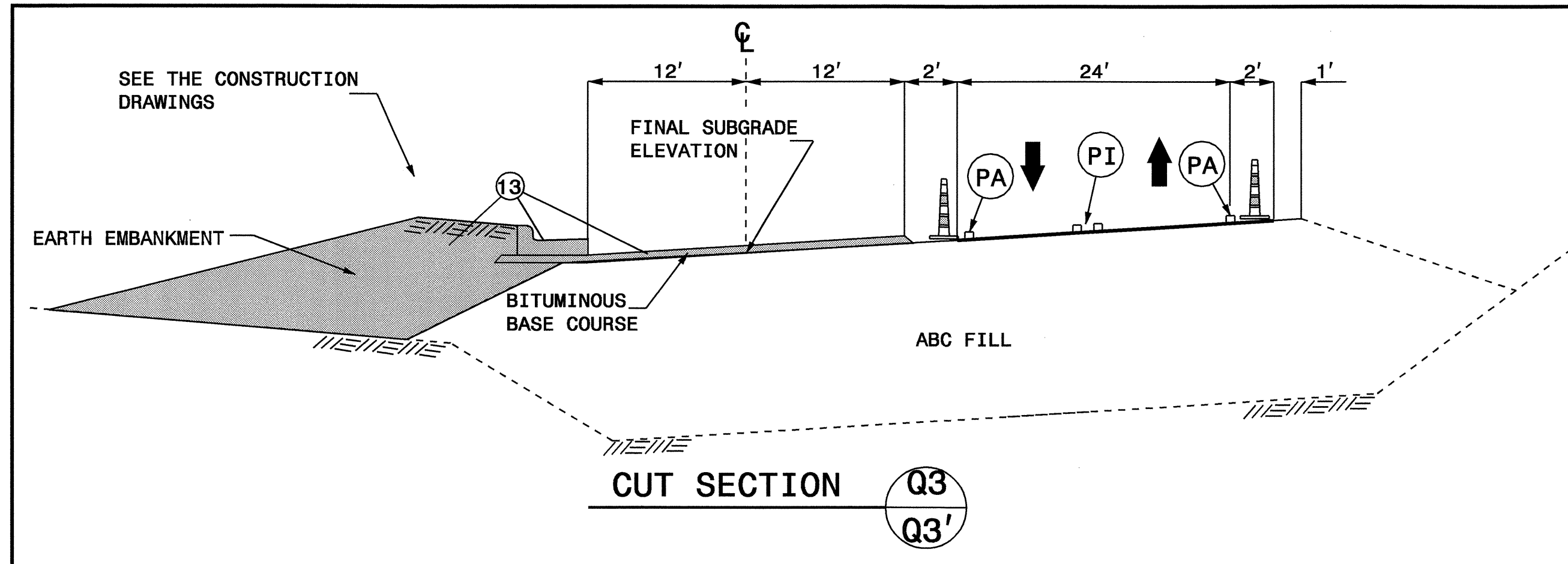


- NOTES**
1. THIS SECTION SHOWS THE CONCEPT FOR CONSTRUCTION OF -Y4A- IN A MANNER THAT PROVIDES FOR POSITIVE DRAINAGE AND ALLOWS TWO LANE, TWO WAY TRAFFIC PATTERN AT THE END OF EACH WORK PERIOD.
 2. FOR THIS PROJECT A "LIFT SEQUENCE" IS DEFINED AS THE DEPTH OF ABC UP TO 18" CONSISTING OF MULTIPLE LAYERS OF ABC PLACED IN ACCORDANCE WITH NCDOT'S SPECIFICATIONS.
 3. (4) - INDICATES THE SUGGESTED LIFT SEQUENCE. THE ACTUAL NUMBER OF LIFTS SHALL BE DETERMINED IN THE FIELD.

- LEGEND**
- (2) - LIFT SEQUENCE NUMBER
 - ← - DIRECTIONAL TRAFFIC FLOW
 - - MINI DRUM

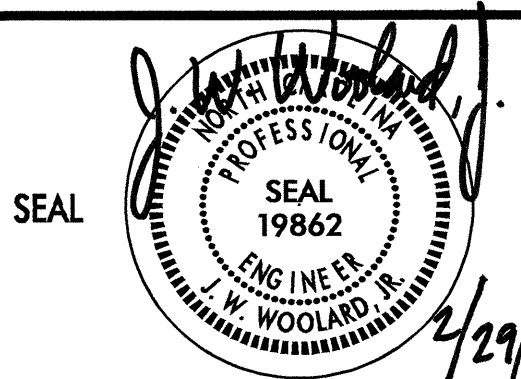

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SCALE:	NONE		REVISIONS
DATE:	02/08		
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DESIGN BY:	DAH		
REVIEWED BY:	JWW		

27-FEB-2008 10:57
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 AT WZTC22424

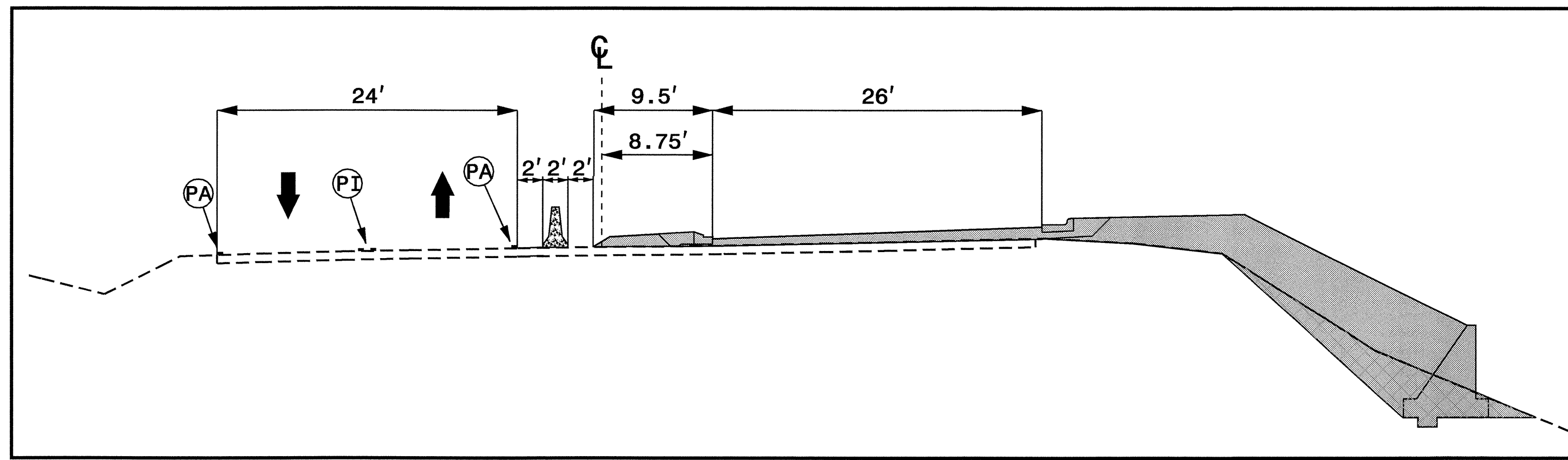


- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

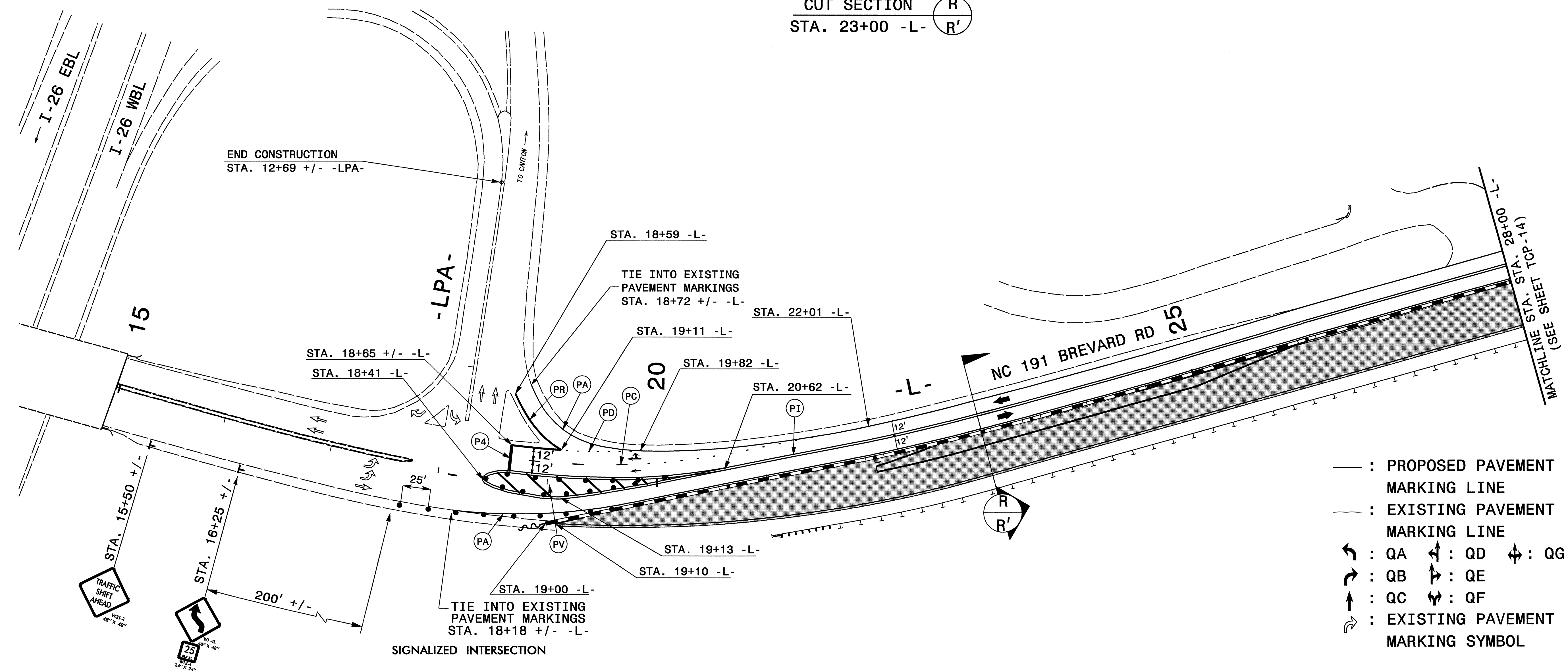
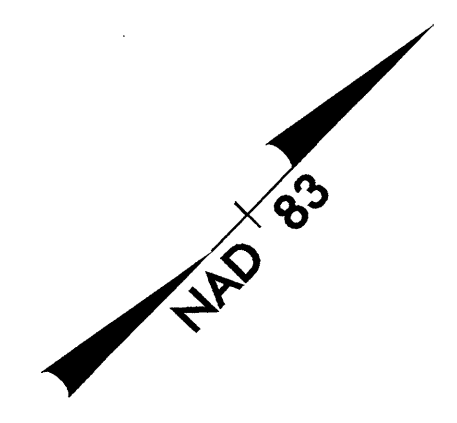
- LEGEND**
- ② - LIFT SEQUENCE NUMBER
 - ↓ ↑ - DIRECTIONAL TRAFFIC FLOW
 - - MINI DRUM

APPROVED:	DATE:	AREA 2, PHASE I	
	2/29/08		
SCALE:	NONE		REVISIONS
DATE:	02/08		
DWG. BY:	DAH		
DESIGN BY:	DAH		
REVIEWED BY:	JWW	CHD FILE	

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 ahayes AT WZTC224241



CUT SECTION
STA. 23+00 -L- R'

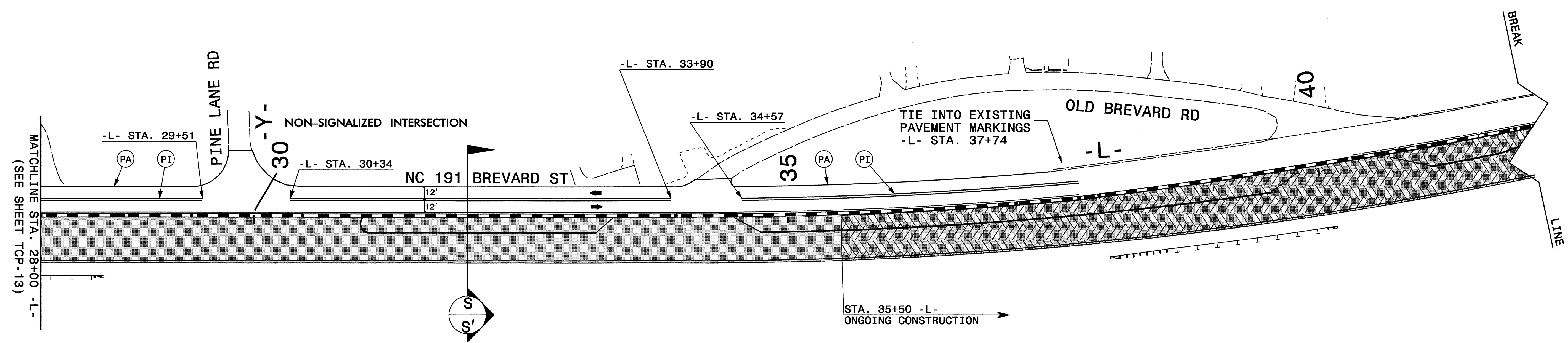
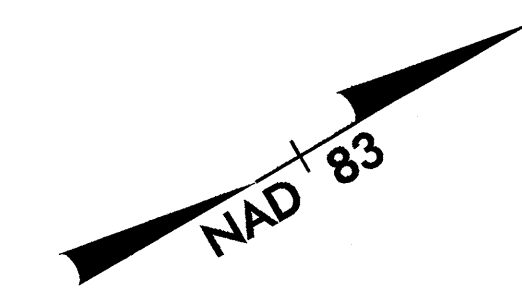


- : PROPOSED PAVEMENT MARKING LINE
- : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↪ : QD ↪ : QG
- ↪ : QB ↪ : QE
- ↪ : QC ↪ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL

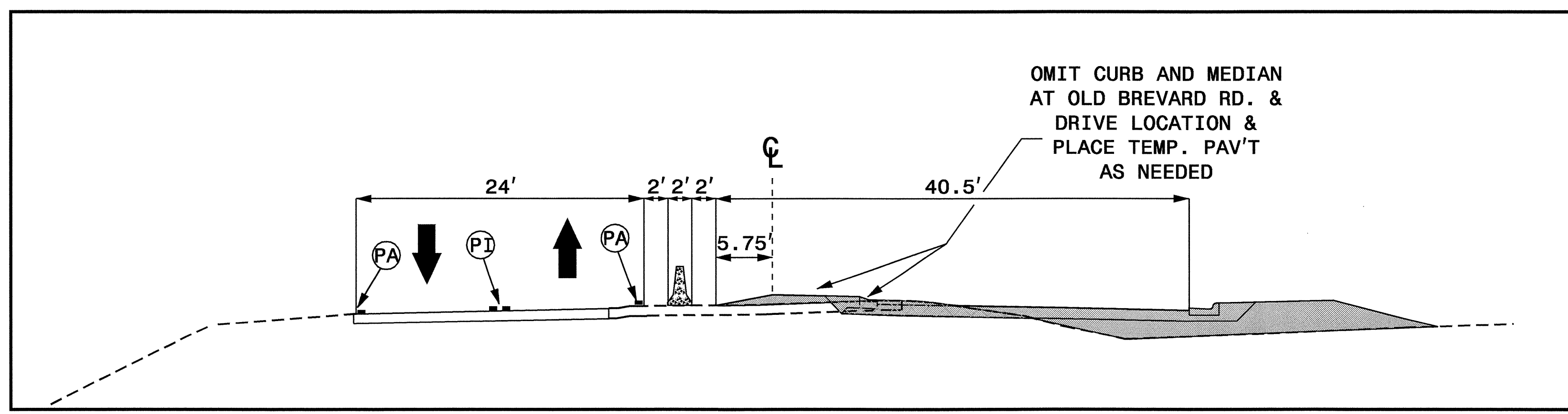
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE II							
SCALE:	NONE								
DATE:	02/08								
DWG. BY:	DAH								
DESIGN BY:	DAH								
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MATCHLINE STA. 28+00 -L-
(SEE SHEET TCP-13)



CUT SECTION
STA. 32+00 -L-

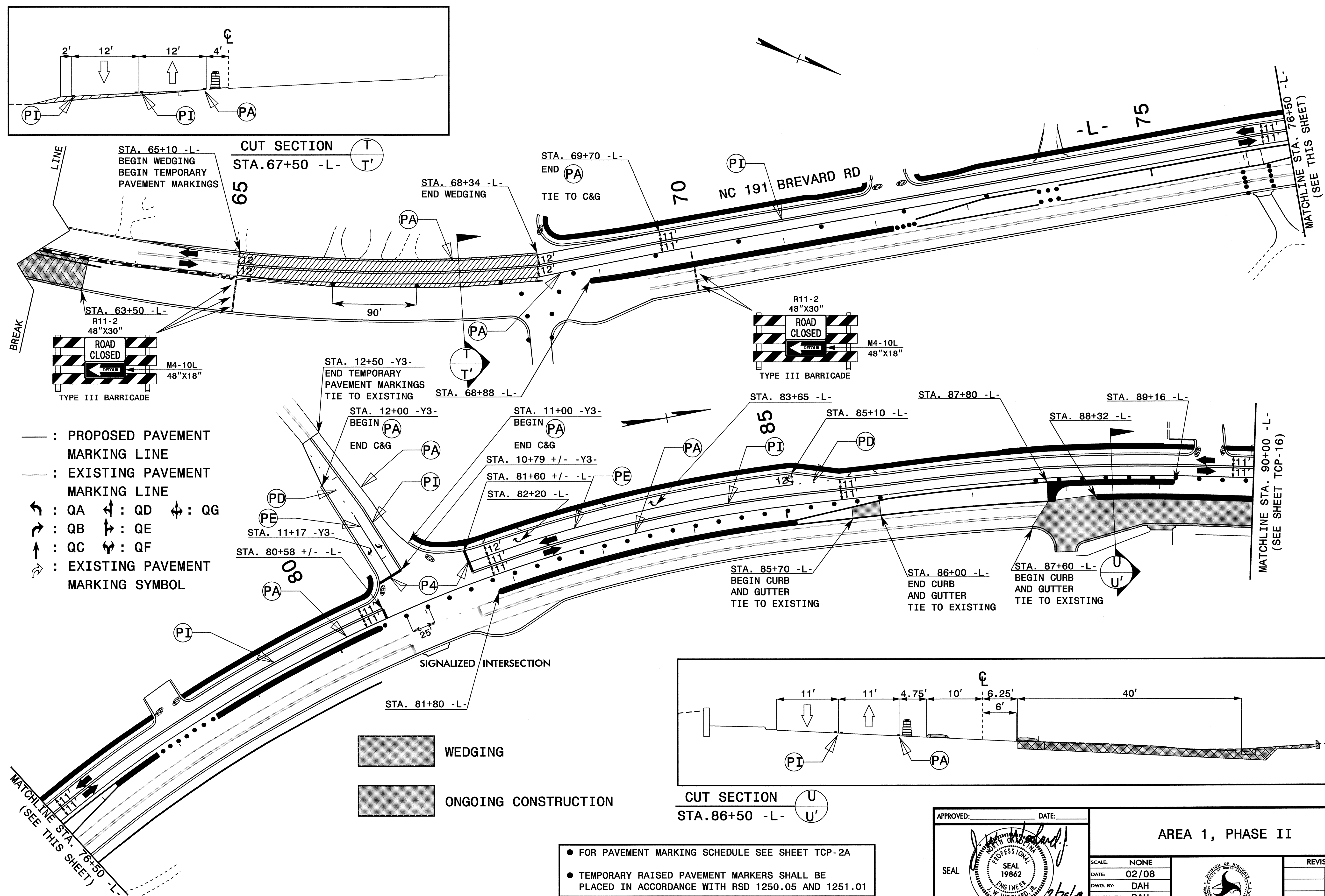


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↶ : QA ↷ : QD ↵ : QG
- ↷ : QB ↶ : QE
- ↑ : QC ↷ : QF
- ↶ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

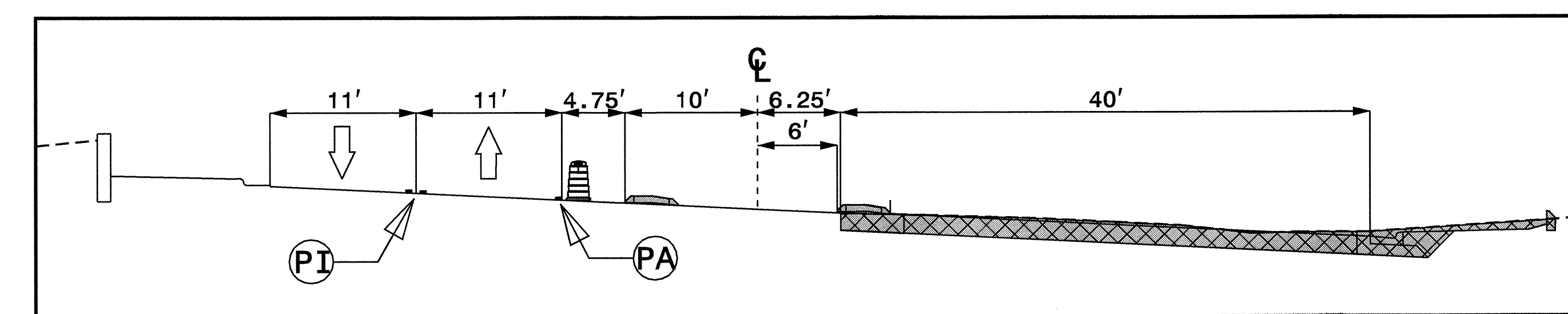
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DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW			

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 ahayes AT WZTc22424



— : PROPOSED PAVEMENT MARKING LINE
 - - - : EXISTING PAVEMENT MARKING LINE
 ↗ : QA ↖ : QD ↔ : QG
 ↘ : QB ↗ : QE
 → : QC ↖ : QF
 - - - : EXISTING PAVEMENT MARKING SYMBOL

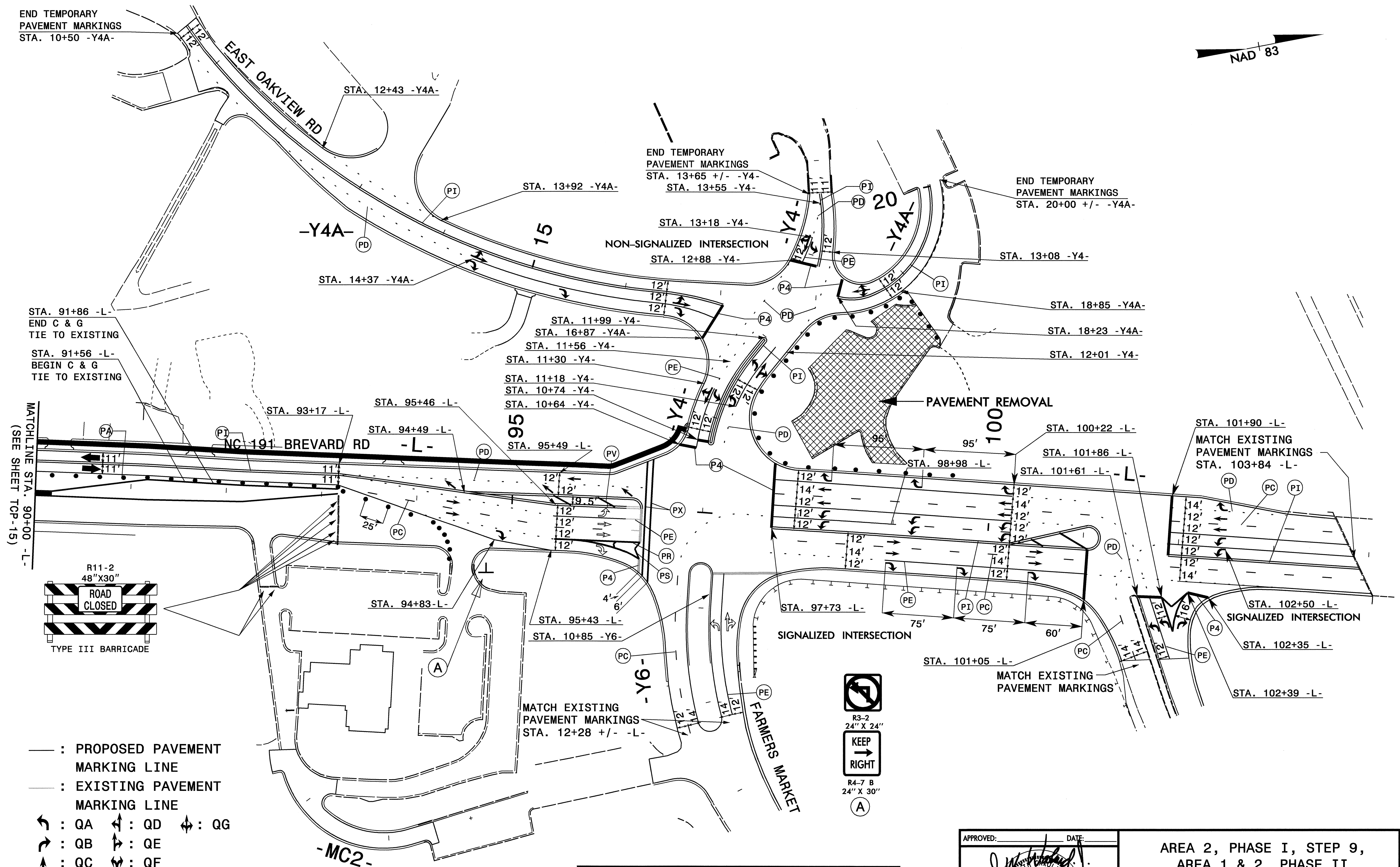
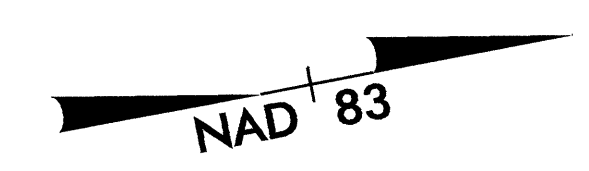
▨ WEDGING
 ▨ ONGOING CONSTRUCTION



- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE II	
	2/29/08		
SCALE:	NONE		REVISIONS
DATE:	02/08		
DWG. BY:	DAH		
DESIGN BY:	DAH		
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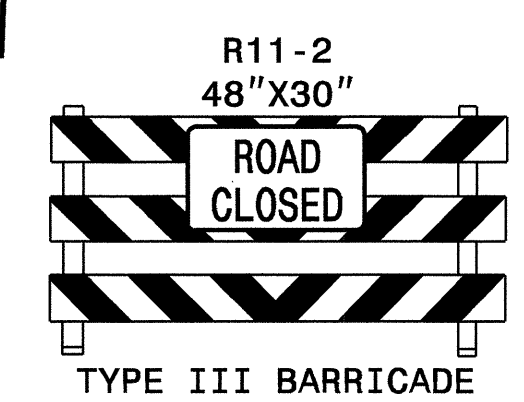
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 anayes AT WZTC22424



STA. 91+86 -L-
END C & G
TIE TO EXISTING

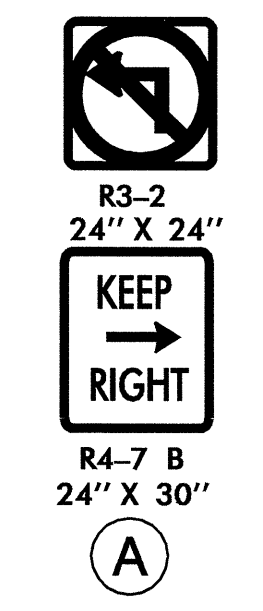
STA. 91+56 -L-
BEGIN C & G
TIE TO EXISTING

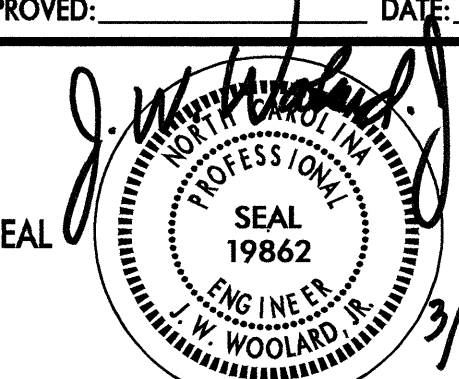

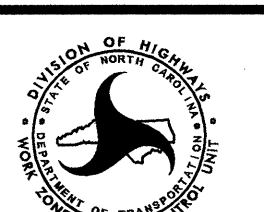
MATCHLINE STA. 90+00 -L-
(SEE SHEET TCP-15)



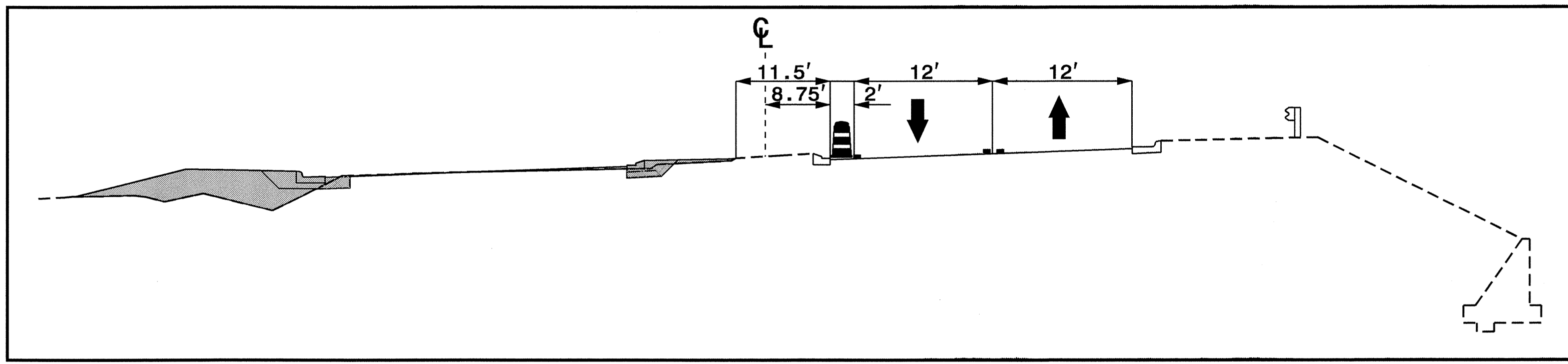
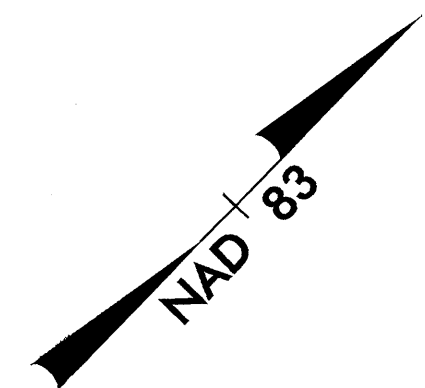
- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↕ : QG
- ↘ : QB ↙ : QE
- ↔ : QC ↔ : QF
- : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

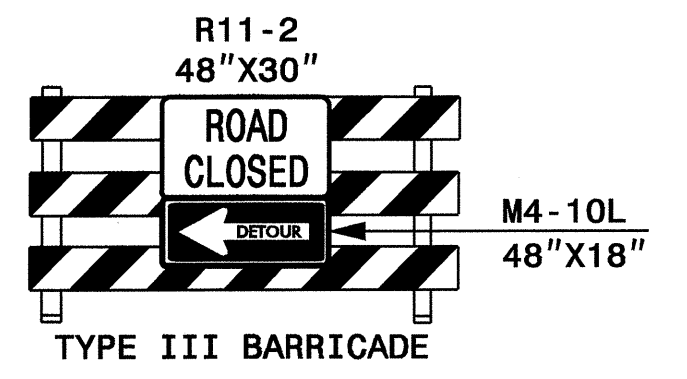
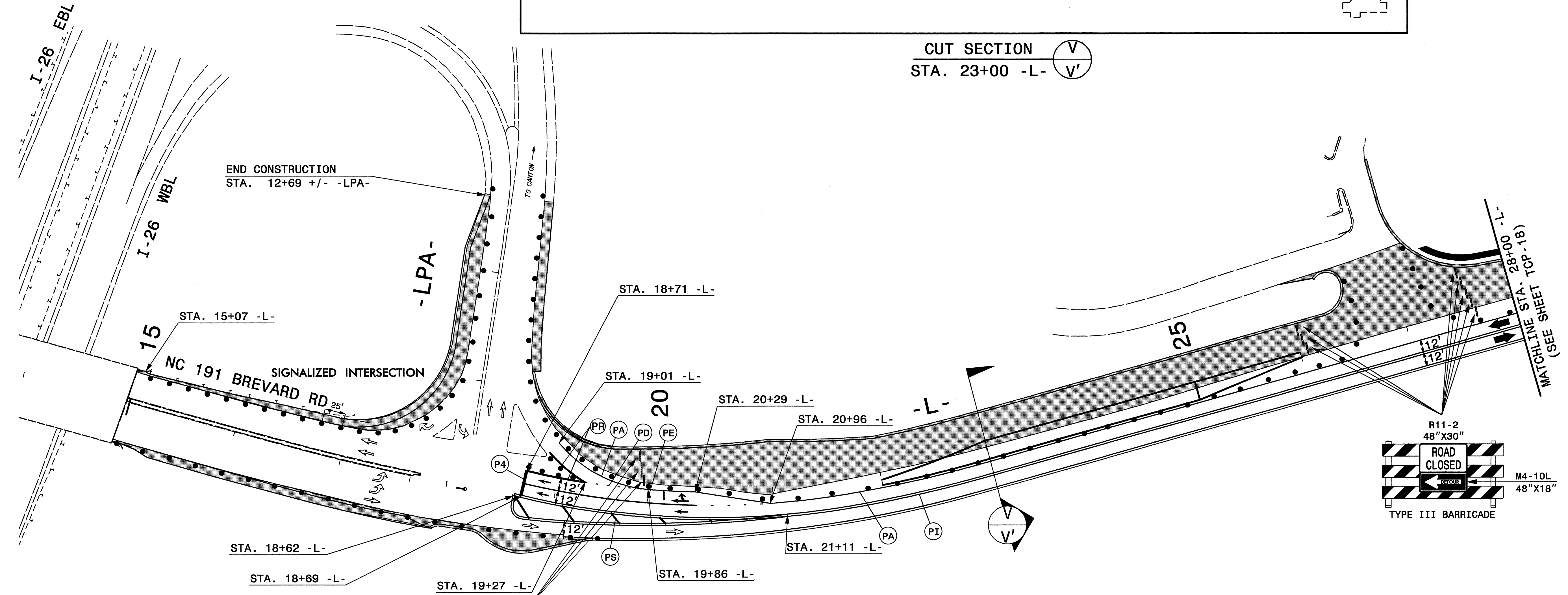


APPROVED: 	DATE: 3/3/08	AREA 2, PHASE I, STEP 9, AREA 1 & 2, PHASE II	
SEAL: 			
SCALE: NONE	DATE: 02/08		REVISIONS
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW			

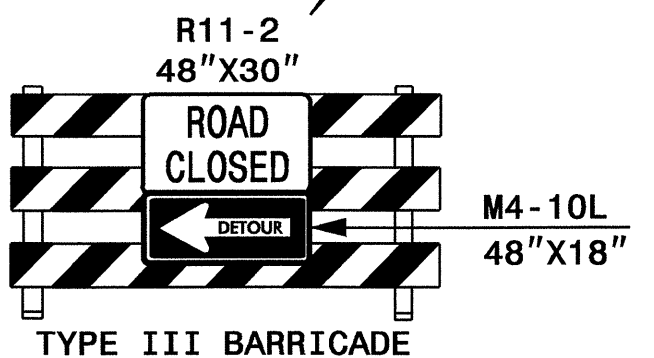
03-MAR-2008 08:10
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 ahayes AT WZT22424



CUT SECTION
STA. 23+00 -L- $\begin{matrix} \text{V} \\ \text{V}' \end{matrix}$



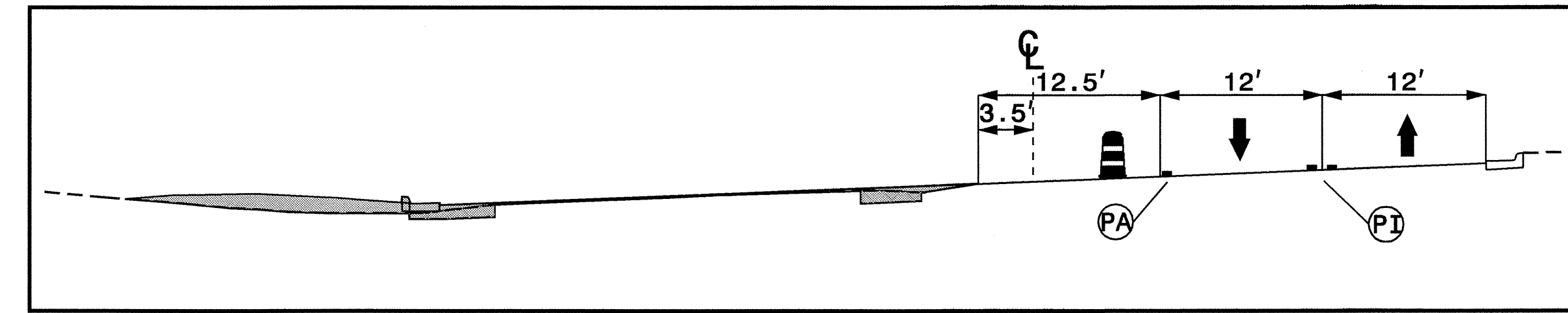
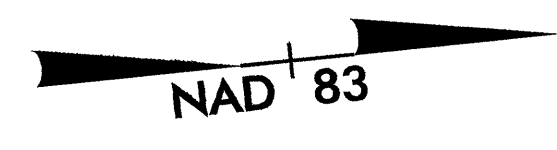
- : PROPOSED PAVEMENT MARKING LINE
- : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↗ : QD ↘ : QG
- ↪ : QB ↗ : QE
- ↪ : QC ↗ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL



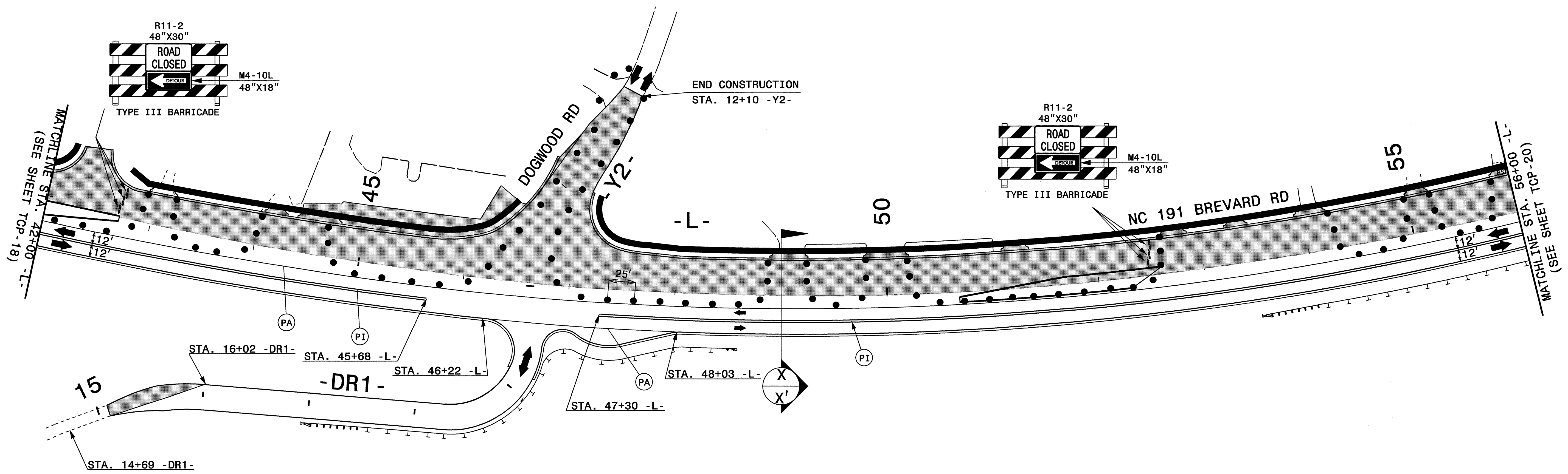
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED: _____	DATE: _____	AREA 1, PHASE III	
SCALE: NONE	DATE: 02/08		REVISIONS
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW			

27-FEB-2008 10:55
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 ahayes AT WZTC22424

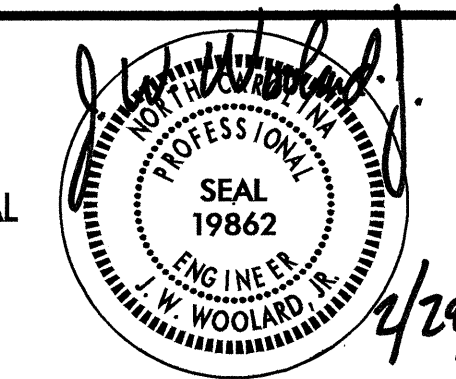



CUT SECTION X
STA. 49+00 -L- X'

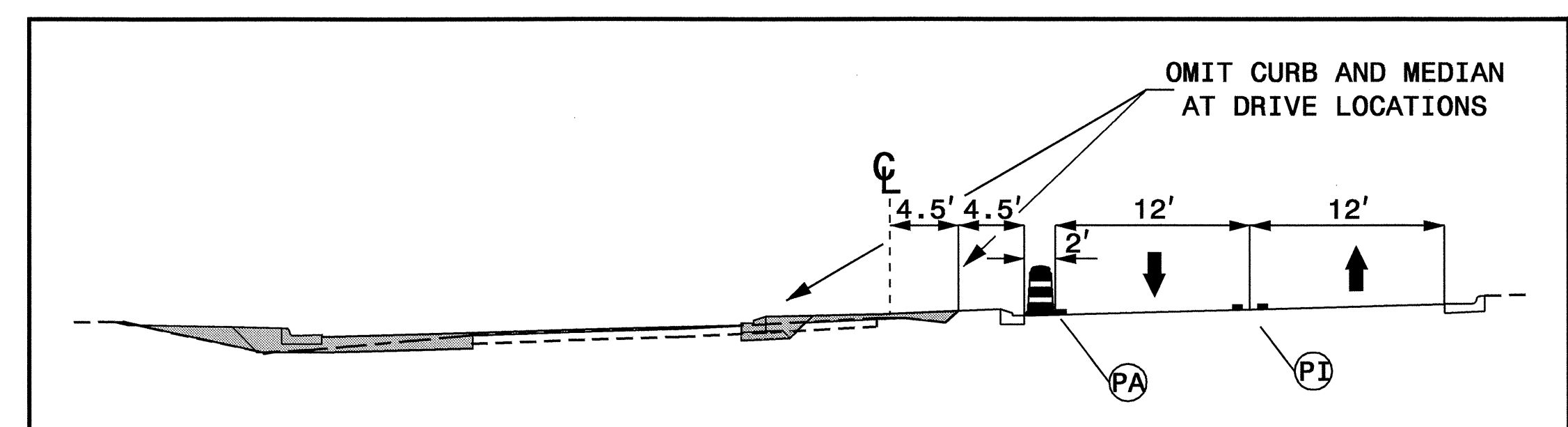


- : PROPOSED PAVEMENT MARKING LINE
- : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↕ : QG
- ↘ : QB ↙ : QE
- : QC ⇄ : QF
- ↶ : EXISTING PAVEMENT MARKING SYMBOL

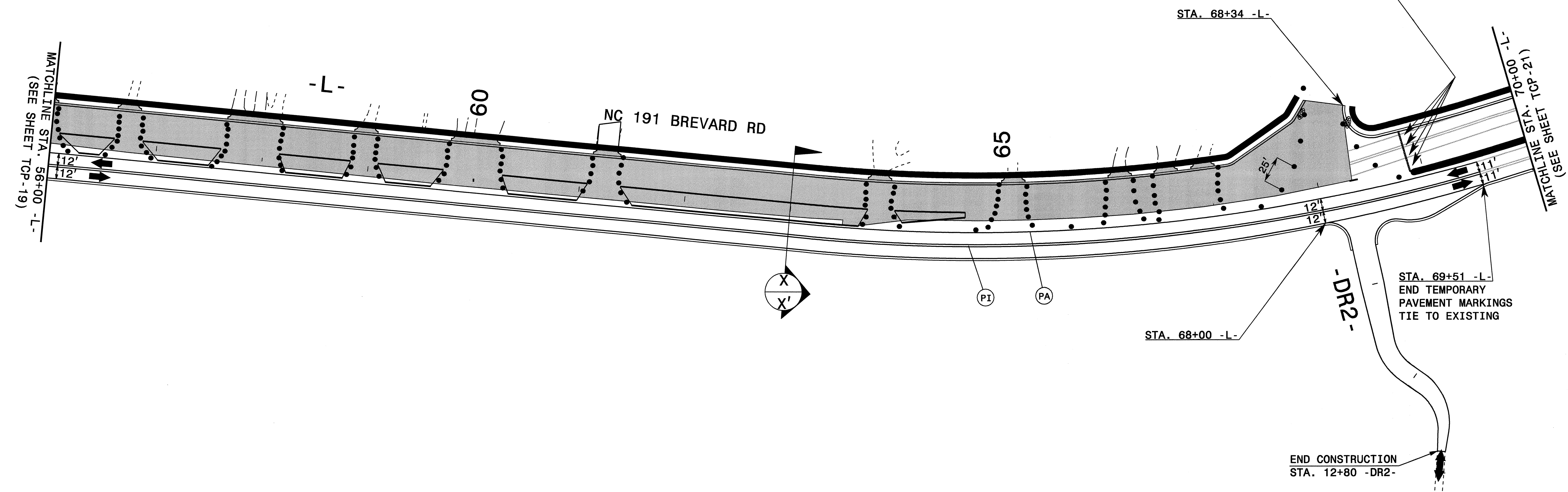
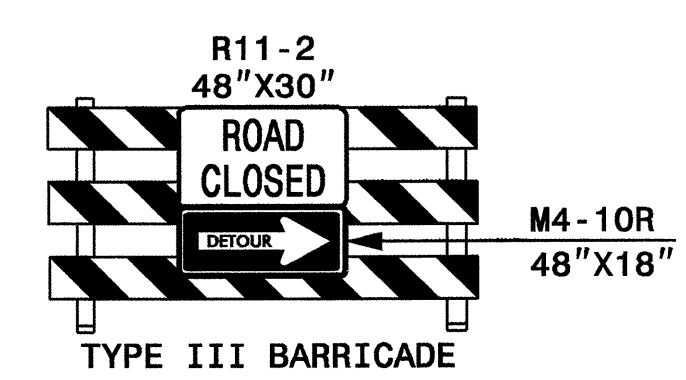
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED: 	DATE: 2/29/08	AREA 1, PHASE III	
SCALE: NONE	DATE: 02/08		
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW	REVISIONS		

27-FEB-2008 10:54
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 ahayes AT WZTC224241



CUT SECTION
 STA. 63+00 -L- X
 X'

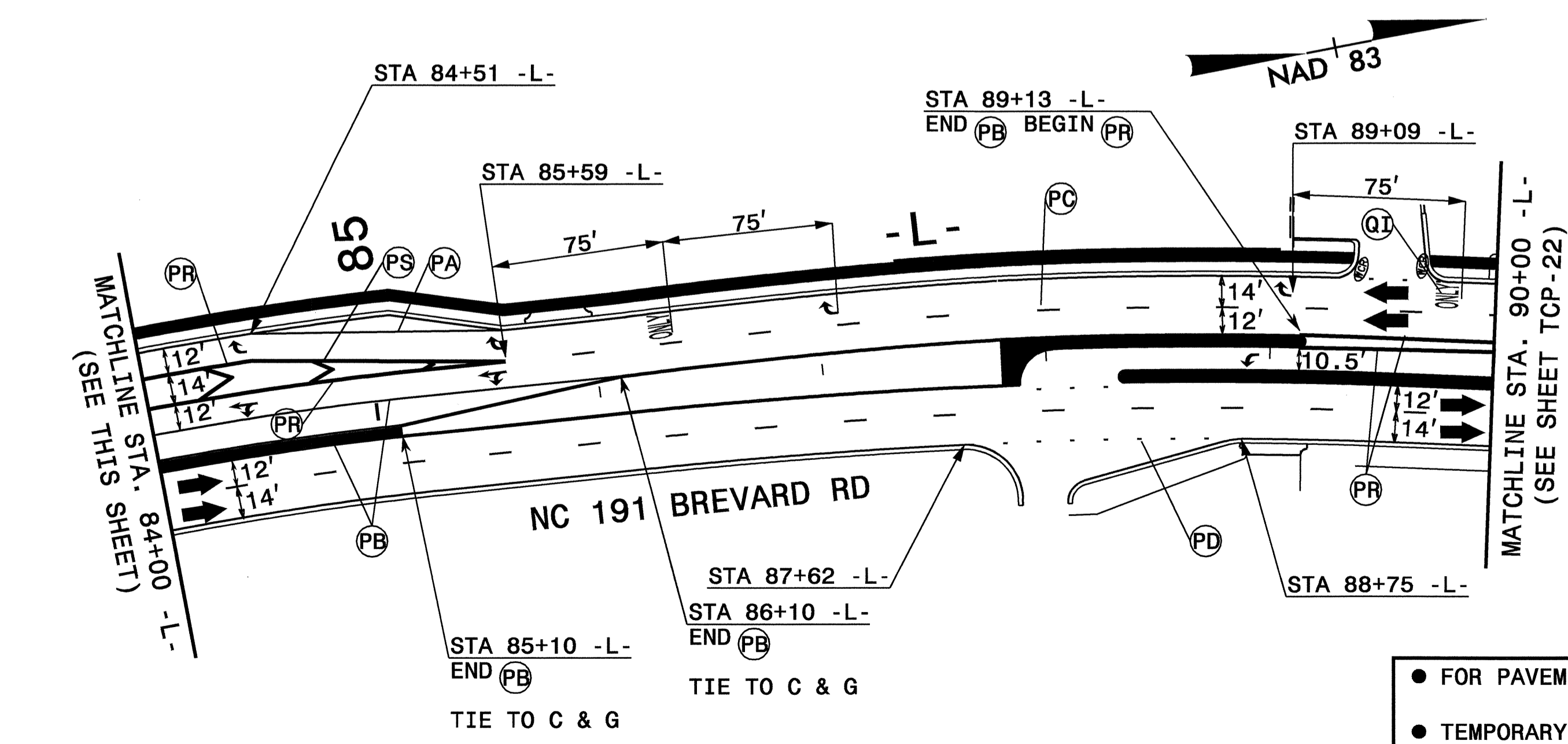
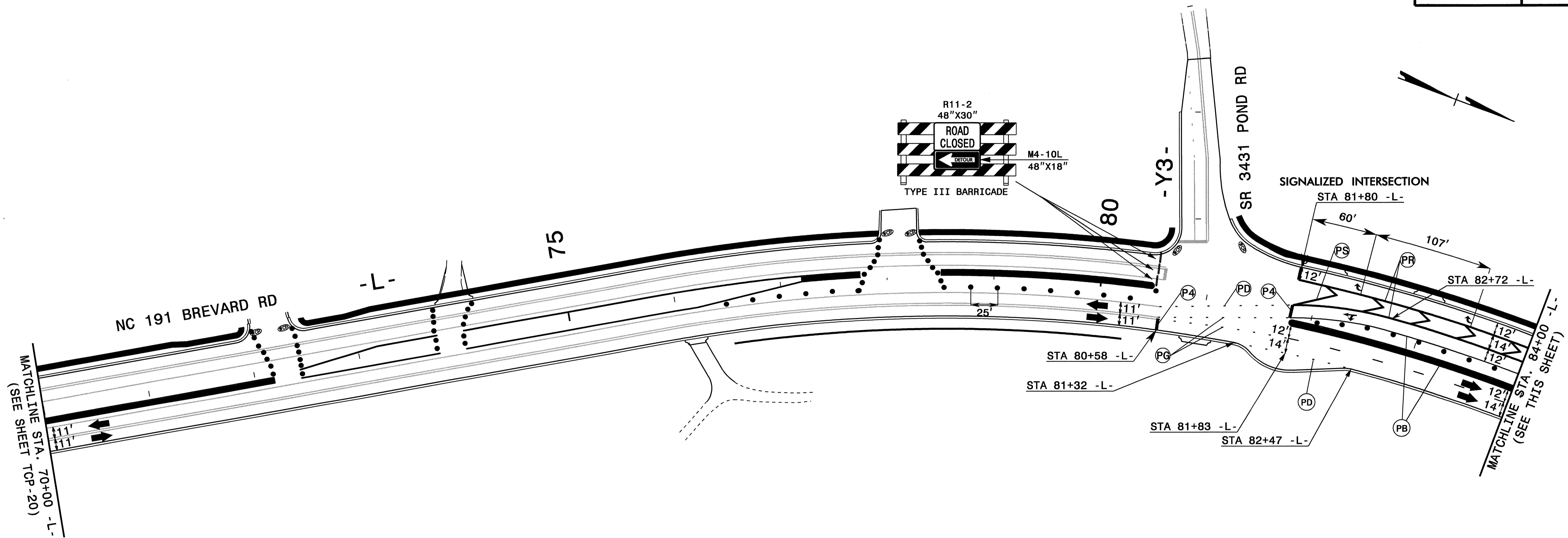


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↔ : QG
- ↘ : QB ↙ : QE
- ↔ : QC ↔ : QF
- ↶ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE: 02/29/08	AREA 1, PHASE III	
SCALE: NONE	DATE: 02/08		
DESIGN BY: DAH	REVIEWED BY: JWW		REVISIONS

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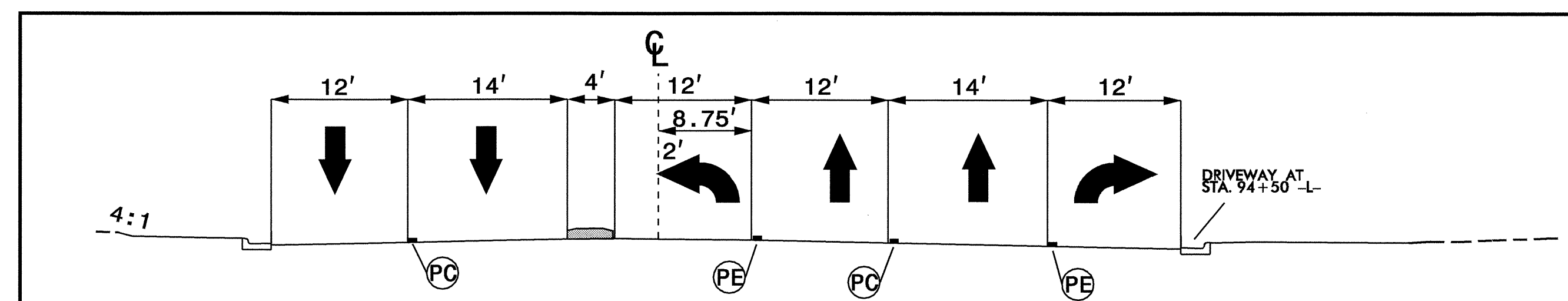
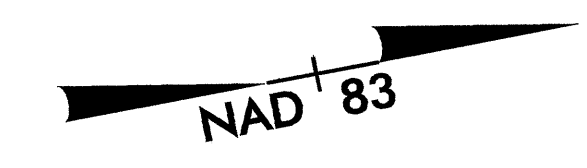


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↪ : QD ↪ : QG
- ↪ : QB ↪ : QE
- ↪ : QC ↪ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL

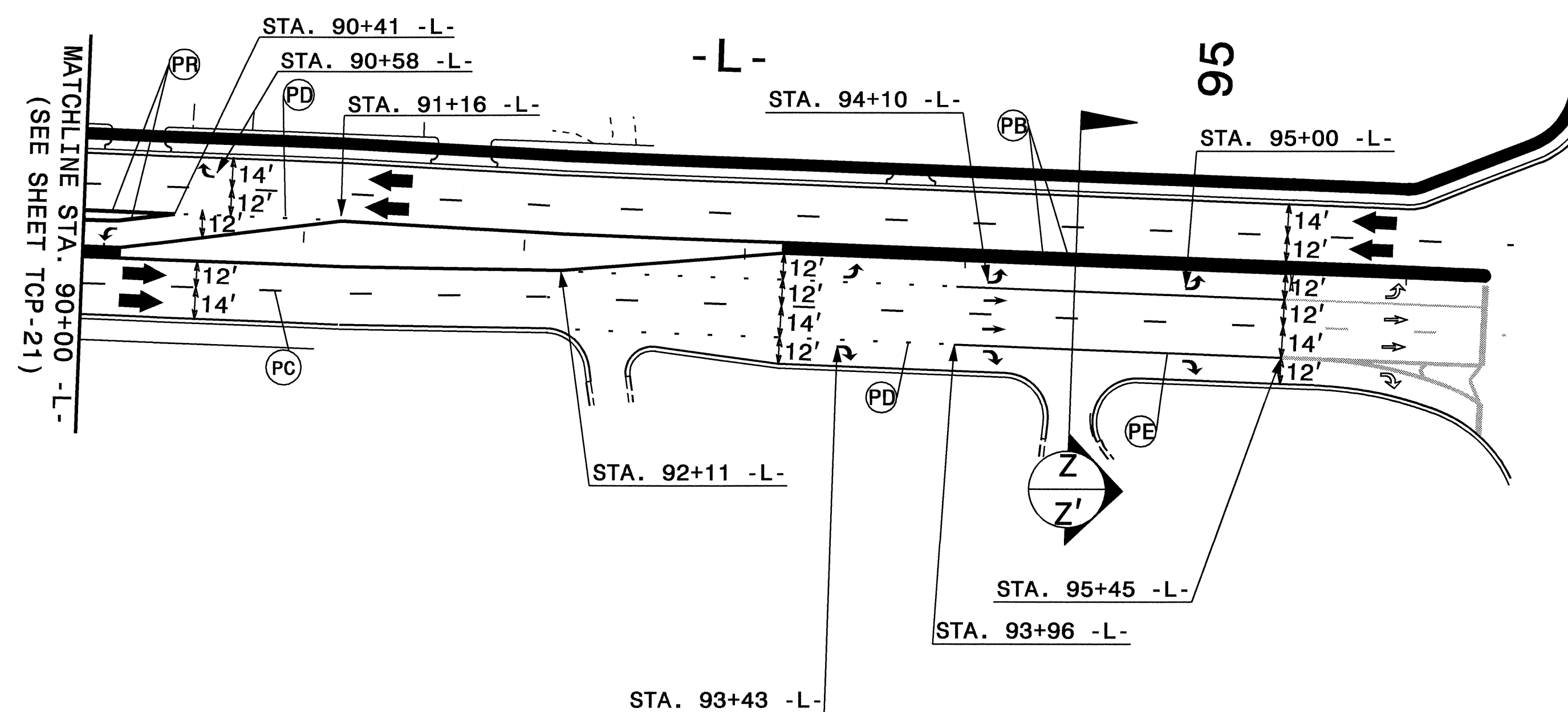
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE III	
	2/24/08		
SCALE:	NONE		REVISIONS
DATE:	02/08		
DWG. BY:	DAH		
DESIGN BY:	DAH		
REVIEWED BY:	JWW		

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 ahayes AT WZTC22424


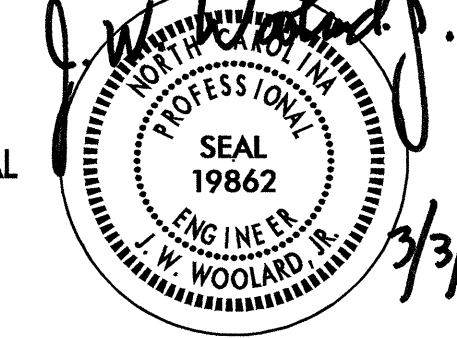



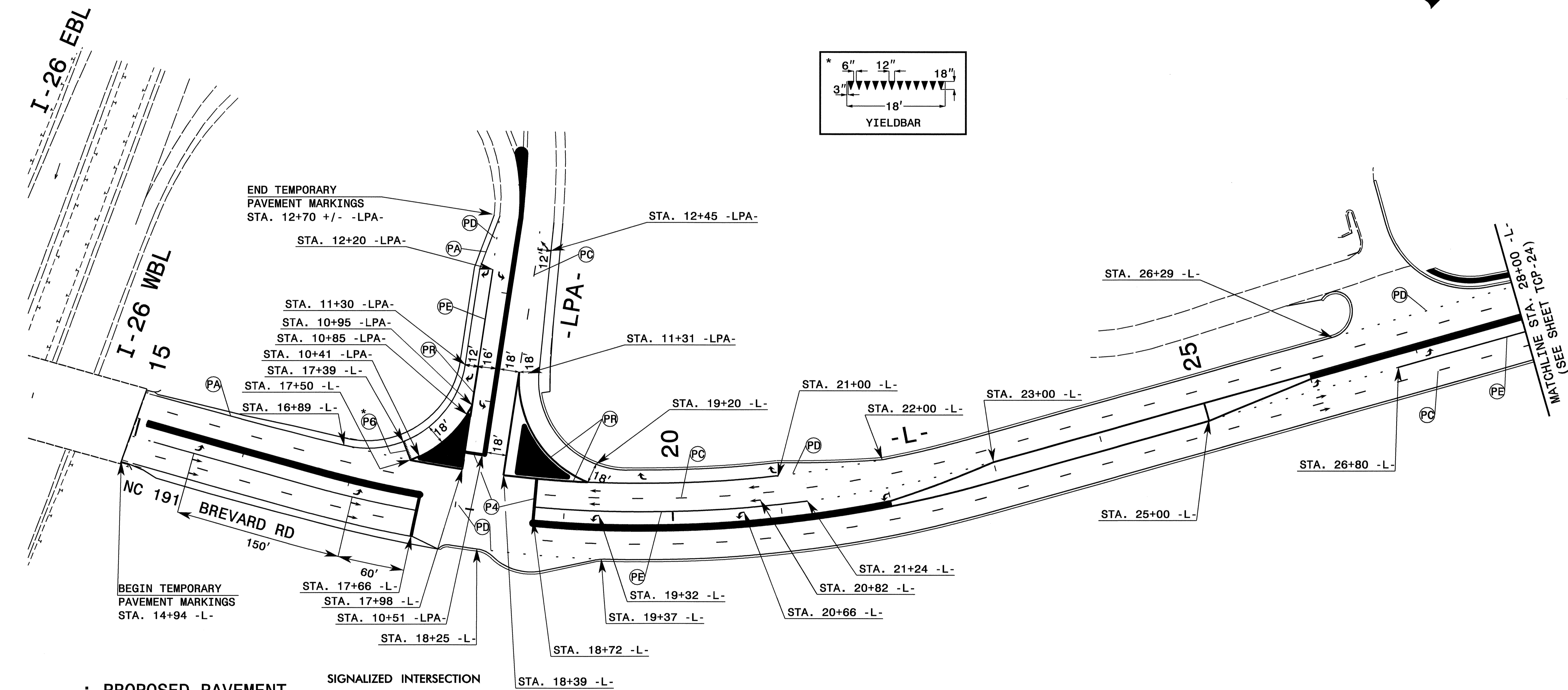
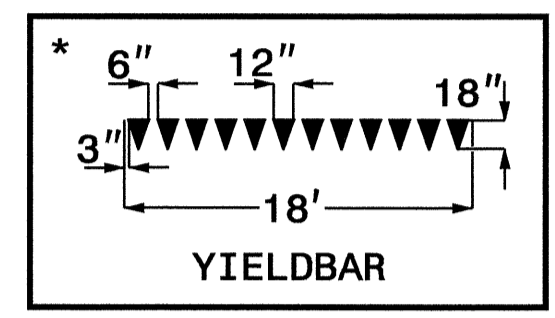
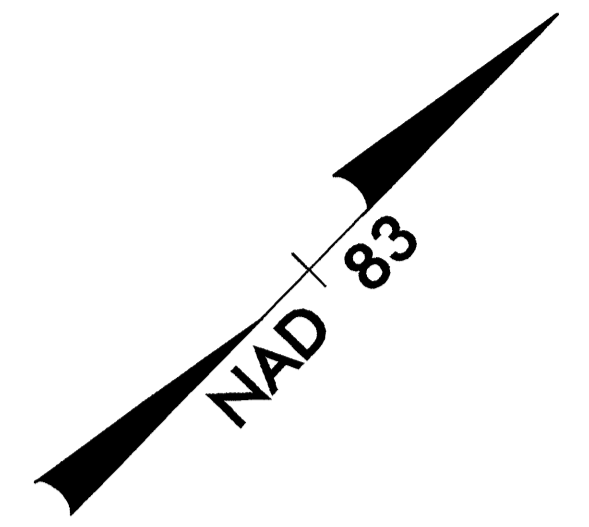
CUT SECTION Z-Z'
STA. 94+50 -L-



- : PROPOSED PAVEMENT MARKING LINE
- : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↕ : QG
- ↘ : QB ↙ : QE
- ↔ : QC ↔ : QF
- : EXISTING PAVEMENT MARKING SYMBOL

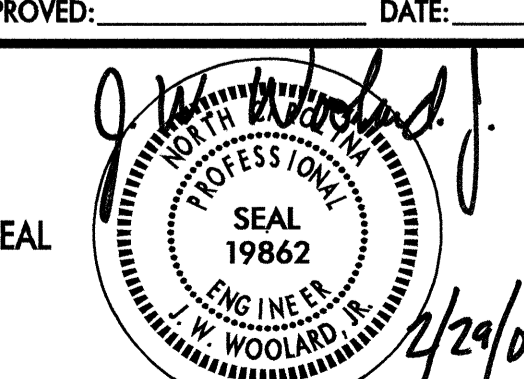
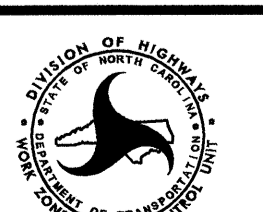
- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED: 	DATE: 3/3/08	AREA 1, PHASE III		
	SCALE: NONE			
	DWG. BY: DAH	REVISIONS		
	DESIGN BY: DAH			
REVIEWED BY: JWW				

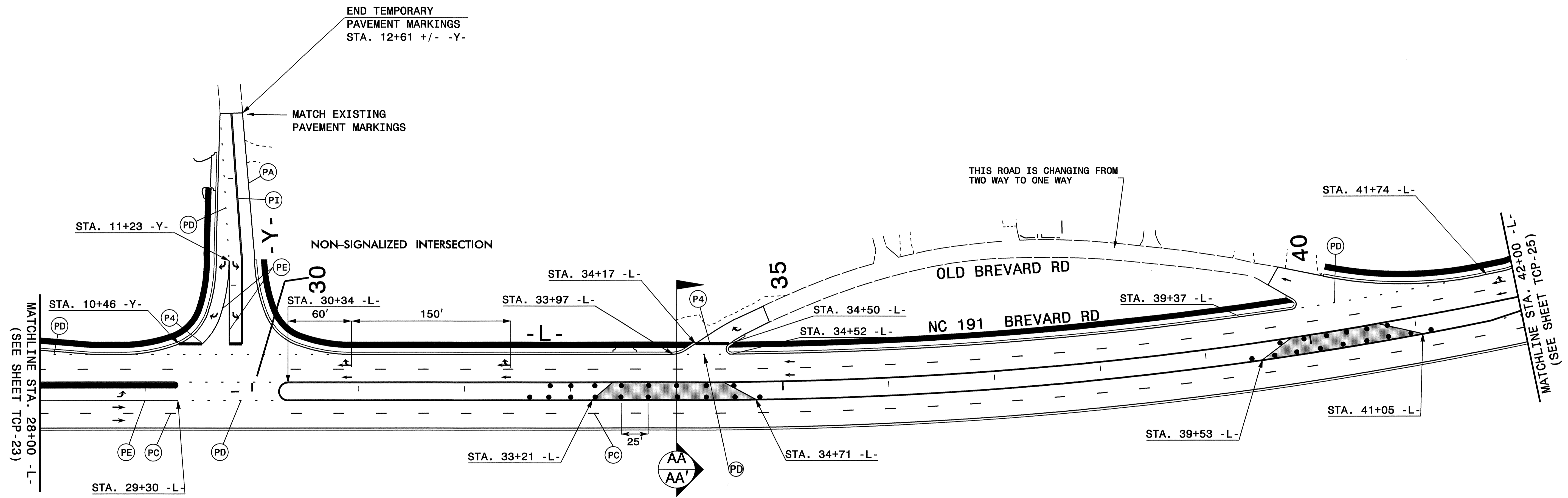
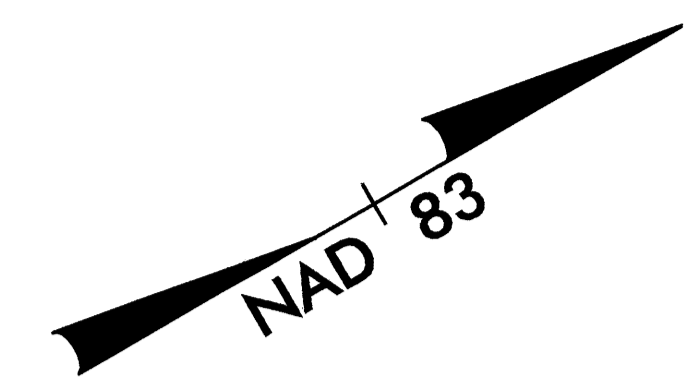


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↻ : QD ↻↻ : QG
- ↪ : QB ↻ : QE
- ↪ : QC ↻ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

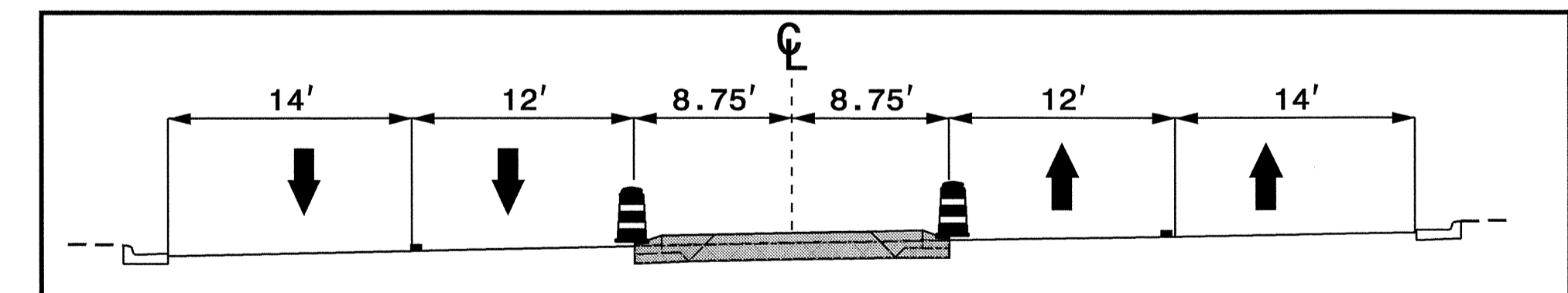
APPROVED:	DATE:	AREA 1, PHASE IV	
	2/29/08		
SCALE: NONE	DATE: 02/08		REVISIONS
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW			

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MATCHLINE STA. 28+00 -L-
(SEE SHEET TCP-23)

MATCHLINE STA. 42+00 -L-
(SEE SHEET TCP-25)



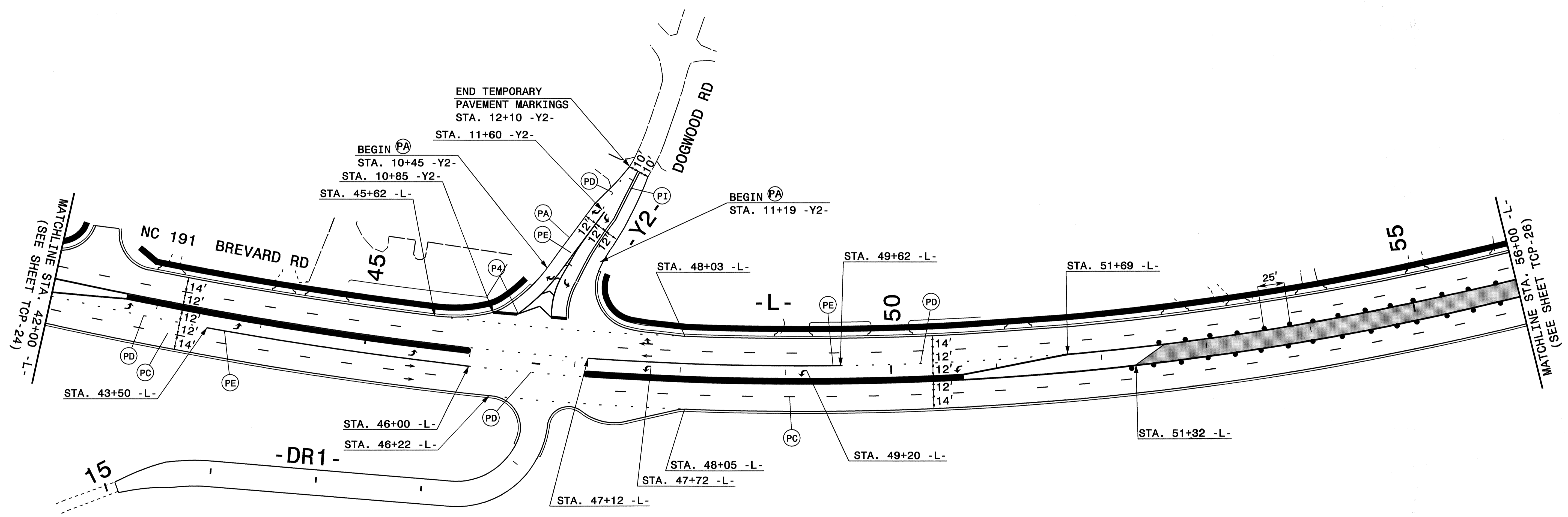
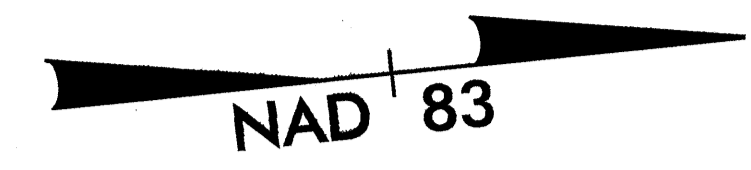
CUT SECTION
STA. 34+00 -L- AA-AA'

- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↪ : QD ↪ : QG
- ↪ : QB ↪ : QE
- ↪ : QC ↪ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE IV	
SCALE:	NONE		REVISIONS
DATE:	02/08		
DWG. BY:	DAH		
DESIGN BY:	DAH		
REVIEWED BY:	JWW		

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MATCHLINE STA. 42+00 -L-
(SEE SHEET TCP-24)

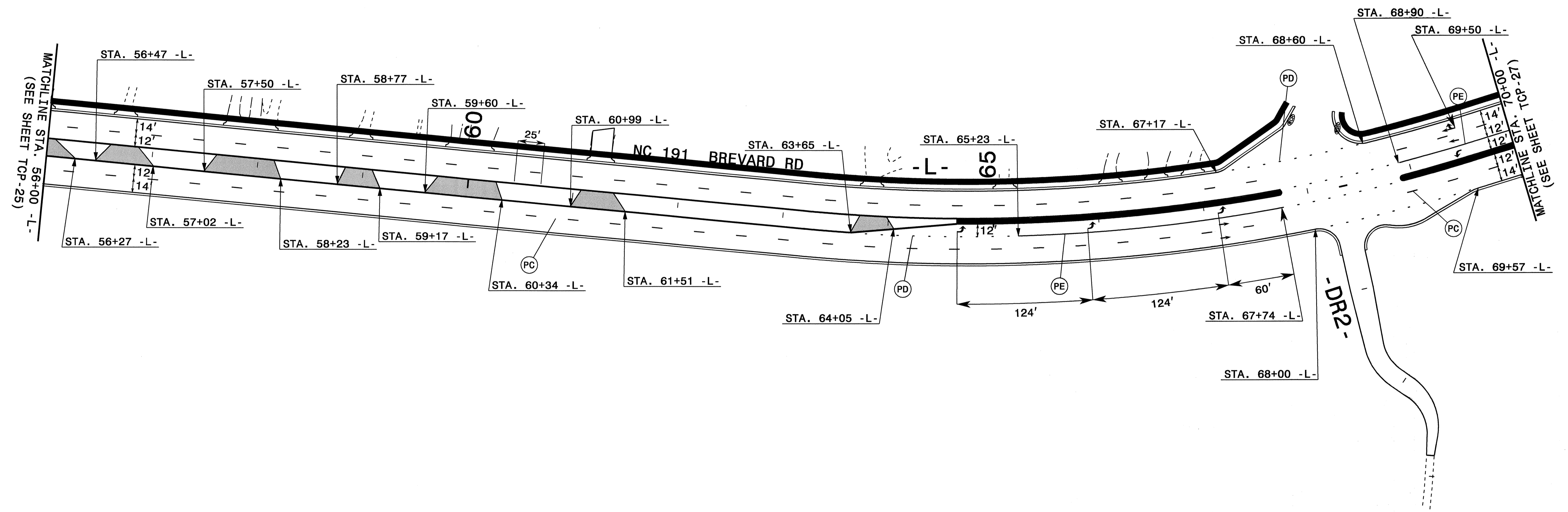
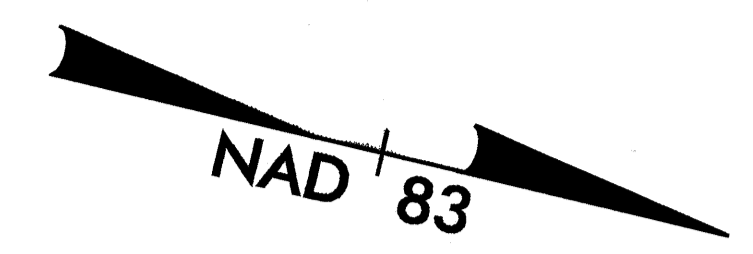
MATCHLINE STA. 56+00 -L-
(SEE SHEET TCP-26)

- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↕ : QG
- ↘ : QB ↙ : QE
- : QC ↖ : QF
- ↻ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE IV		
	2/29/08			SCALE: NONE
		DATE: 02/08	REVISIONS	
		DWG. BY: DAH		
		DESIGN BY: DAH		
REVIEWED BY: JWW				

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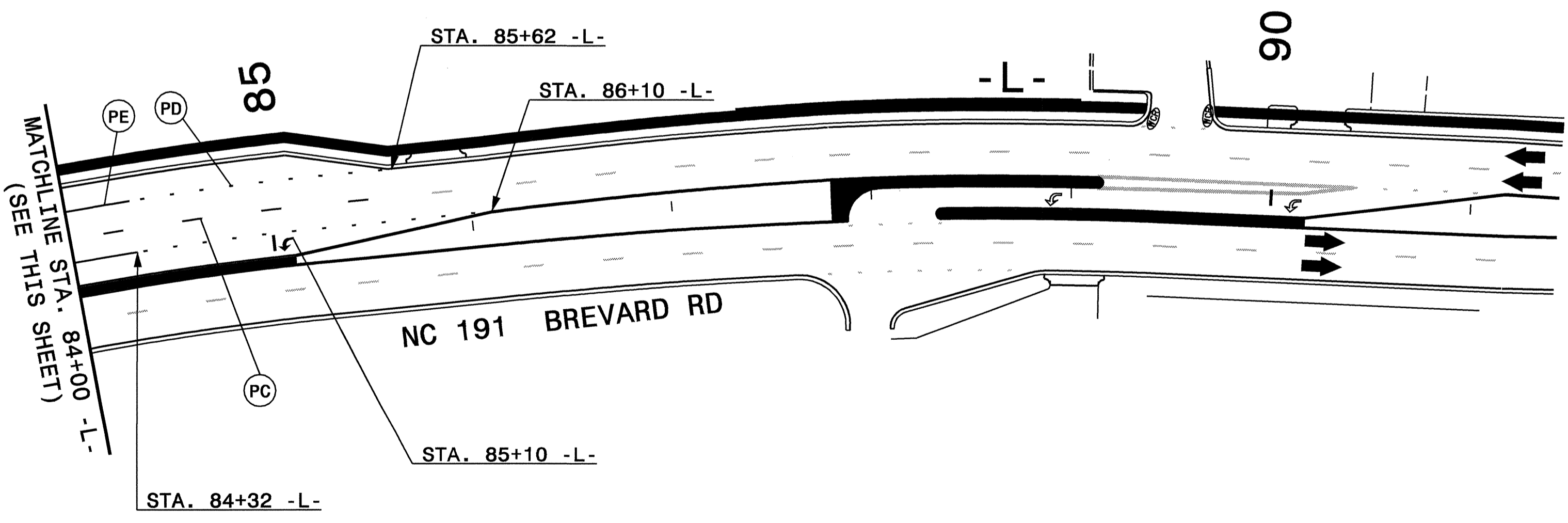
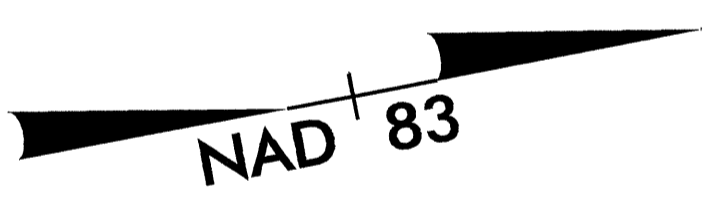
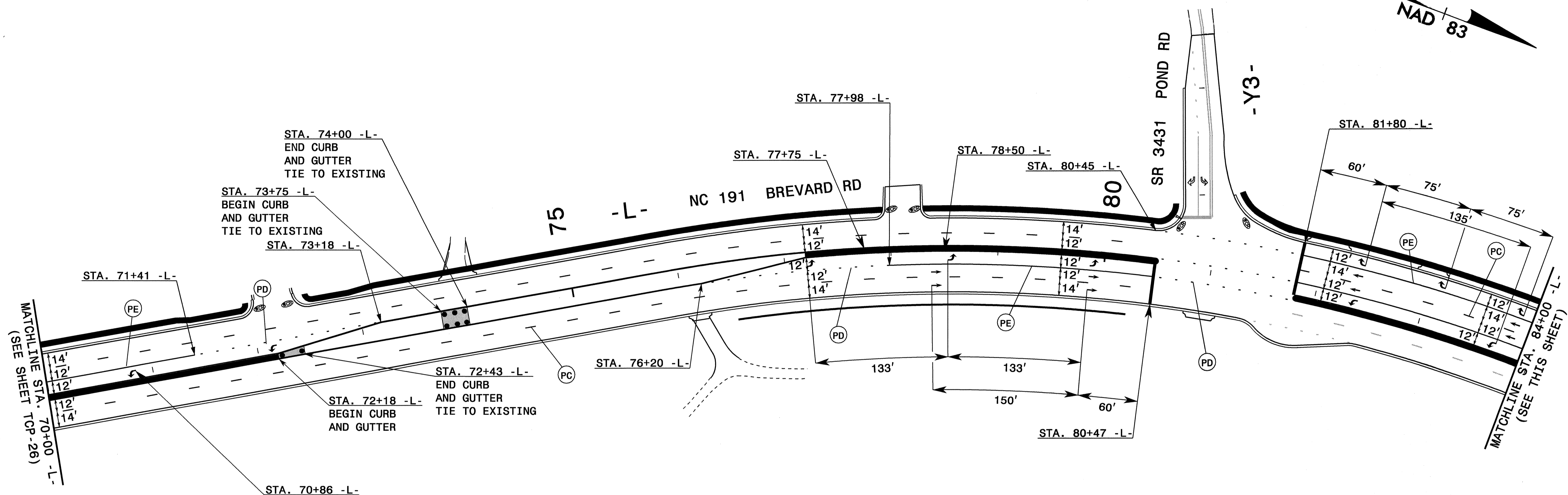
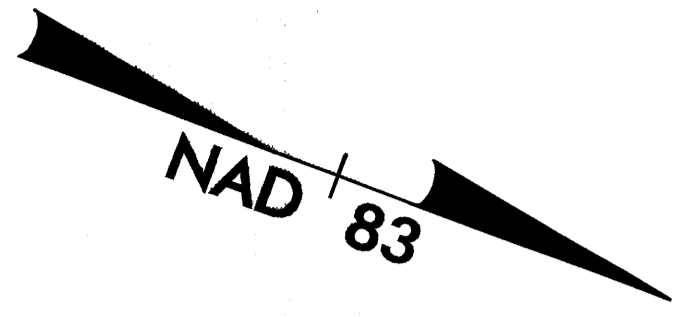


- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↪ : QA ↩ : QD ↔ : QG
- ↪ : QB ↩ : QE
- ↪ : QC ↩ : QF
- ↪ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

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APPROVED:	DATE:	AREA 1, PHASE IV	
SCALE: NONE	DATE: 02/08		REVISIONS
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW			



- : PROPOSED PAVEMENT MARKING LINE
- - - : EXISTING PAVEMENT MARKING LINE
- ↖ : QA ↗ : QD ↕ : QG
- ↘ : QB ↙ : QE
- ↑ : QC ↔ : QF
- ↻ : EXISTING PAVEMENT MARKING SYMBOL

- FOR PAVEMENT MARKING SCHEDULE SEE SHEET TCP-2A
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH RSD 1250.05 AND 1251.01

APPROVED:	DATE:	AREA 1, PHASE IV	
2/29/08			
SCALE: NONE	DATE: 02/08		REVISIONS
DWG. BY: DAH	DESIGN BY: DAH		
REVIEWED BY: JWW			

27-FEB-2008 10:51
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 ahayes AT WZTC22424

