

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
U-3405	TCP-01

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

U-3405

**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
1101.03	TEMPORARY ROAD 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
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
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
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS (TEMPORARY & PERMANENT)
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS

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TCP-02B	TEMPORARY PAVEMENT MARKING SCHEDULE
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PM-02 THRU PM-07	FINAL PAVEMENT MARKING PLANS

**LEGEND**

- GENERAL**
- DIRECTION OF TRAFFIC FLOW
  - NORTH ARROW
  - PROPOSED PVMT. EXIST. PVMT.
  - WORK AREA
  - REMOVAL OF EXISTING PAVEMENT
- TRAFFIC CONTROL DEVICES**
- TYPE I BARRICADE
  - TYPE II BARRICADE
  - TYPE III BARRICADE
  - CONE
  - DRUM
  - FLASHING ARROW PANEL (TYPE C)
  - STATIONARY SIGN
  - PORTABLE SIGN
  - STATIONARY OR 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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APPROVED:	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
DATE: December 4, 2008	
SEAL	STUART BOURNE P.E. TRAFFIC CONTROL ENGINEER
	J. STEVE KITE P.E. TRAFFIC CONTROL PROJECT ENGINEER
	DON PARKER TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	ASHVIN PATEL 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 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:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
NC 274, BESSEMER CITY RD	MON. THRU FRI. 7:00 AM TO 9:00 AM 3:00 PM TO 7:00 PM

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

<u>ROAD NAME</u>
NC 274, BESSEMER CITY 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 3:00 P.M. DECEMBER 31st TO 9:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9:00 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 3:00 P.M. THURSDAY AND 9:00 A.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 3:00 P.M. FRIDAY TO 9:00 A.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 3:00 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 3:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 3:00 P.M. FRIDAY AND 9:00 A.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 3:00 P.M. TUESDAY TO 9:00 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 3:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

### LANE AND SHOULDER CLOSURE REQUIREMENTS

- REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED 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.
- 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.
- DO NOT INSTALL MORE THAN ONE SIMULTANEOUS LANE CLOSURES, IN ANY ONE DIRECTION, ON BESSEMER CITY RD.

### PAVEMENT EDGE DROP OFF REQUIREMENTS

- BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN 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 WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT. IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

### TRAFFIC PATTERN ALTERATIONS

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

### SIGNING

- INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- PROVIDE PERMANENT SIGNING.
- PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.
- ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 FT. IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

### TRAFFIC CONTROL DEVICES

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

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

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
ALL ROADS	POLYUREA	SNOWPLOWABLE
ALL ROADS	THERMOPLASTIC SYMBOLS	

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

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
ALL ROADS	PAINT	TEMPORARY RAISED

- PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

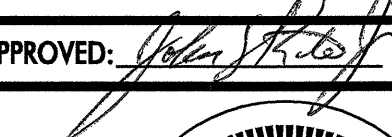
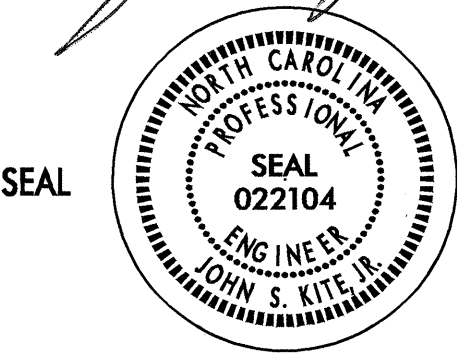

### TEMPORARY / FINAL SIGNALS

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

### MISCELLANEOUS

- POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

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	DWG. BY: AKP	
	DESIGN BY: AKP	
REVIEWED BY: DAP	REVISIONS	



# PHASING

## PHASE I

STEP 1 -- INSTALL ADVANCE WARNING SIGNS (SEE TCP-17)

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF STEP 2 IN A SINGLE WORK PERIOD

STEP 2 -- USING RSD 1101.02, SHEET 1, REMOVE THE EXISTING CENTER TURN LANE AND PLACE A DOUBLE YELLOW CENTERLINE AND WHITE EDGELINE FOR A TWO LANE TWO WAY PATTERN FROM -L- STA. 26+40 +/- TO STA. 40+54 +/- (SEE TCP-4 AND TCP-5)

STEP 3 -- USING RSD 1101.02 SHEET 1, BEGIN WIDENING, PAVING, AND WEDGING OPERATIONS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ON NC 274 FROM -L- STA. 9+50 +/- TO 76+06 AND PLACE TEMPORARY PAINT PAVEMENT MARKINGS AS SHOWN IN THE TRAFFIC CONTROL DETAILS AND SECTION VIEWS ON SHEETS TCP-3 THRU TCP-8.

-- USING RSD 1101.02, SHEET 1, BEGING WIDENING AND PAVING/WEDGING THE FOLLOWING -Y- LINES UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAINT PAVEMENT MARKINGS AS SHOWN ON SHEETS TCP-3 THRU TCP-8:

- LEE ST. (Y1-)
- MAINE AVE. (-Y3-)
- CARPENTER LANE (-Y5-)
- SR 1490 (-Y7-)
- CREME HAVEN RD. (-Y8-)
- BUSINESS DR. (-Y13-)
- HEDRICK RD. (-Y9-)
- HOLLAND MEMORIAL CHURCH RD. (-Y10-)
- PARKER LANE (-Y11-)
- KIRK CIRCLE (-Y12-)

COMPLETE THE WORK OF STEP 4 THROUGH 6 IN 30 CALENDER DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 4 -- USING TCP-15, CLOSE MAINE AVE. (-Y2-) AND PLACE TRAFFIC ON THE OFF-SITE DETOUR.

STEP 5 -- CONSTRUCT MAINE AVE. (-Y2-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS. (SEE TCP-3, TCP-4A, AND TCP-15)

STEP 6 -- RE-OPEN MAINE AVE. (-Y2-) TO THE INTERMEDIATE TRAFFIC PATTERN DETAILED ON SHEET TCP-4A.

COMPLETE THE WORK OF STEP 7 THROUGH 9 IN 30 CALENDER DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 7 -- USING TCP-16, CLOSE COSTNER SCHOOL RD.. (-Y4-) AND PLACE TRAFFIC ON THE OFF-SITE DETOUR.

STEP 8 -- CONSTRUCT COSTNER SCHOOL RD.. (-Y4-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS. (SEE TCP-4, TCP-4A, AND TCP-16)

STEP 9 -- RE-OPEN COSTNER SCHOOL RD. (-Y4-) TO THE INTERMEDIATE TRAFFIC PATTERN DETAILED ON SHEET TCP-4A.

STEP 10 -- USING RSD 1101.02, SHEET 1, COMPLETE WIDENING PAVING/WEDGING OPERATIONS AS BEGUN IN STEP 3.

## PHASE II

STEP 1 -- AWAY FROM TRAFFIC, PLACE TEMPORARY PAINT PAVEMENT MARKINGS/MARKERS, AS MUCH AS POSSIBLE, FOR THE PHASE II TRAFFIC PATTERN BETWEEN COSTNER SCHOOL RD. AND -L- STA 69+00 +/-

WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF STEP 2 IN A SINGLE WORK PERIOD.

STEP 2 -- USE RSD 1101.02, SHEET 1 AND POLICE ASSISTANCE, TO PERFORM THE FOLLOWING:

-- ADJUST STOP BARS AT THE FOLLOWING LOCATIONS:

- CARPENTER LANE (-Y5-)
- SR 1490 (-Y7-)
- CREME HAVEN RD. (-Y8-)
- BUSINESS DR. (-Y13-)
- HEDRICK RD. (-Y9-)
- HOLLAND MEMORIAL CHURCH RD. (-Y10-)
- PARKER LANE (-Y11-)
- KIRK CIRCLE (-Y12-)

-- PLACE TEMPORARY PAINT PAVEMENT MARKINGS/MARKERS FOR THE PHASE II TRAFFIC SHIFT FROM -L- STA. 69+00 +/- TO STA. 76+05 +/- AND SHIFT TRAFFIC TO THE PHASE II PATTERN.

STEP 3 -- USING RSD 1101.02, SHEET 1, WIDEN, PAVE/WEDGE THE RIGHT SIDE OF NC 274 (-L-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 28+50 +/- TO STA. 76+05 +/- AND WATERSON FARM RD. (-Y6-) AS SHOWN ON SHEET TCP- 10 THROUGH TCP-14.

STEP 4 -- PLACE THE FINAL LAYER OF SURFACE COURSE THROUGHOUT THE PROJECT LIMITS AND OPEN TO THE FINAL TRAFFIC PATTERN IN THE FOLLOWING SEQUENCE, OR AS DIRECTED BY THE ENGINEER:

NOTE: PRIOR TO THE COMPLETION OF STEPS A AND B, RETURN TRAFFIC TO THE EXISTING PATTERN AT THE CONCLUSION OF EACH WORKDAY.

A. USING RSD 1101.02, SHEET 1, PLACE THE FINAL LAYER OF SURFACE COURSE FOR THE PROPOSED EASTBOUND OUTSIDE TRAVEL LANE. PLACE A THIN LAYER OF PAVEMENT MARKING PAINT IN ACCORDANCE WITH THE POLYUREA STANDARD SPECIFICATION 1205-5(B) TO PRE-MARK THE WHITE SKIP LINE FOR THE EASTBOUND DIRECTION. (USE POLICE ASSISTANCE AT SIGNALIZED INTERSECTION)

B. BEHIND DRUMS, PLACE THE FINAL LAYER OF SURFACE COURSE FOR THE PROPOSED EASTBOUND INSIDE TRAVEL LANE. (SEE RSD 1101.02, SHEET 1 AND USE POLICE ASSISTANCE AT SIGNALIZED INTERSECTION)

C. SHIFT EASTBOUND TRAFFIC INTO THE PROPOSED EASTBOUND OUTSIDE TRAVEL LANE AND PLACE DRUMS ALONG THE DOUBLE YELLOW CENTERLINE ON 50 FT. SPACING AND ON THE PROPOSED EASTBOUND DIRECTION.

D. USING RSD 1101.02, SHEET 1, PLACE THE FINAL LAYER OF SURFACE COURSE FOR THE PROPOSED CENTER TURN LANE. PLACE A THIN LAYER OF PAVEMENT MARKING PAINT IN ACCORDANCE WITH THE POLYUREA STANDARD SPECIFICATION 1205-5(B) TO PRE-MARK THE YELLOW CENTERLINE FOR THE EASTBOUND DIRECTION.

E. USING DRUMS, SWITCH WESTBOUND TRAFFIC INTO THE ADJACENT LANE AND PLACE THE FINAL LAYER OF SURFACE COURSE FOR THE PROPOSED WESTBOUND BOUND INSIDE TRAVEL LANE. PLACE A THIN LAYER OF PAVEMENT MARKING PAINT IN ACCORDANCE WITH THE POLYUREA STANDARD SPECIFICATION 1205-5(B) TO PRE-MARK THE YELLOW CENTERLINE FOR THE WESTBOUND DIRECTION. (SEE RSD 1101.02 AND USE POLICE ASSISTANCE AT SIGNALIZED INTERSECTION)

F. SHIFT WESTBOUND TRAFFIC INTO THE PROPOSED WESTBOUND INSIDE TRAVEL LANE

G. BEHIND DRUMS, PLACE THE FINAL LAYER OF SURFACE COURSE FOR THE PROPOSED WESTBOUND OUTSIDE TRAVEL LANE. PLACE A THIN LAYER OF PAVEMENT MARKING PAINT IN ACCORDANCE WITH THE POLYUREA STANDARD SPECIFICATION 1205-5(B) TO PRE-MARK THE WHITE SKIP LINE FOR THE WESTBOUND DIRECTION.

H. ACTIVATE THE FINAL SIGNAL AT -L- AND -Y2- AND OPEN THE PROJECT TO THE FINAL TRAFFIC PATTERN

I. USE RSD 1101.02, SHEET 1, PLACE THE FINAL LAYER OF SURFACE COURSE ON ALL -Y- LINES AND PRE-MARK THE FINAL PAVEMENT MARKINGS IN ACCORDANCE WITH THE POLYUREA STANDARD SPECIFICATION 1205-5(B)

STEP 5 -- USE RSD 1101.02, SHEET 1 AND 3 TO PLACE THE FINAL MARKINGS (POLYUREA) AND MARKERS (SNOWFLOWABLE) THROUGHOUT THE PROJECT LIMITS. (SEE PM-2 THROUGH PM-7)

STEP 6 -- REMOVE ALL TRAFFIC CONTROL DEVICES.

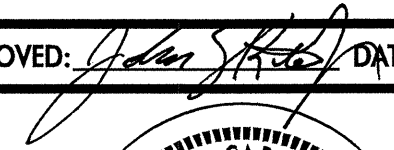

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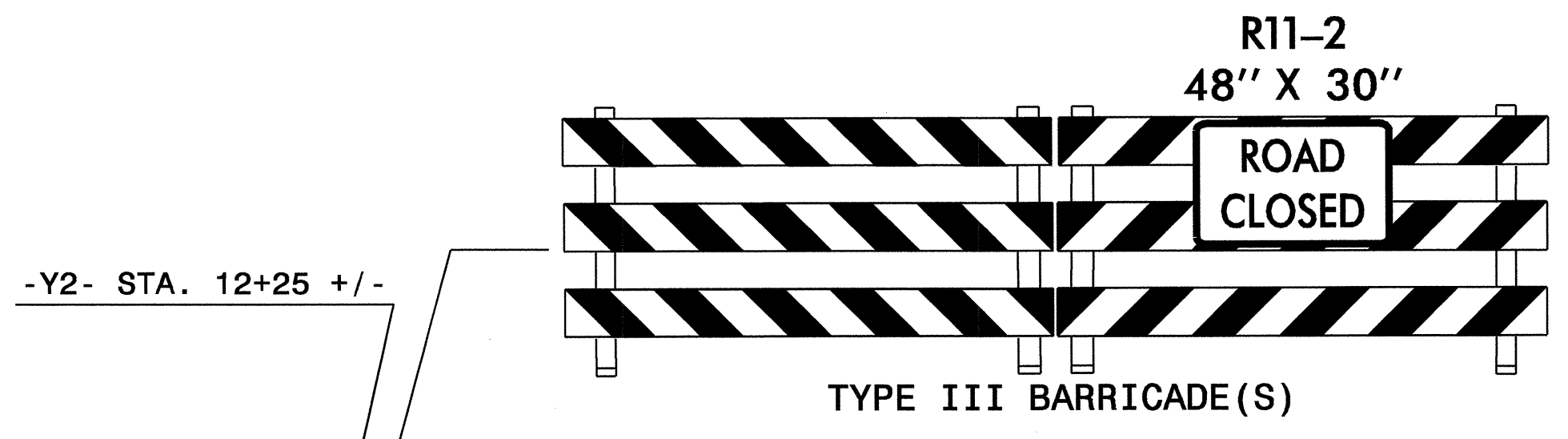
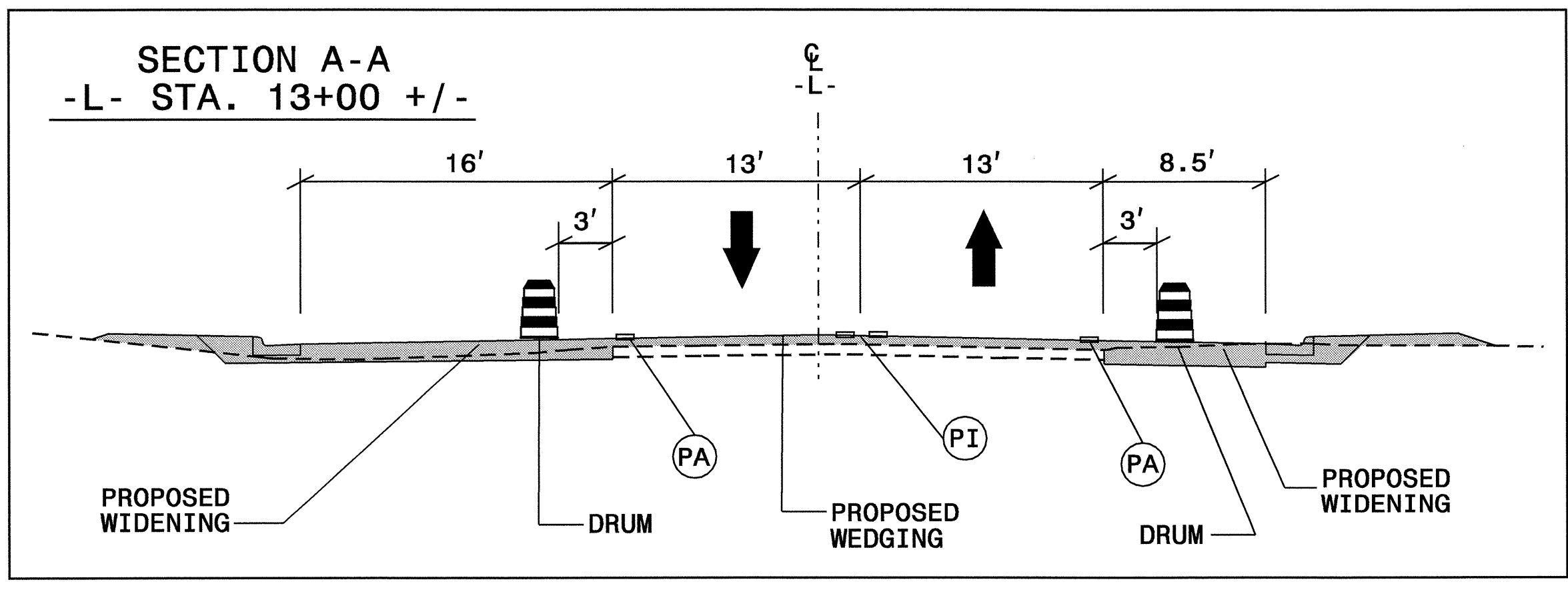
## TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAVEMENT MARKINGS	PAY ITEM QUANTITY BREAKDOWN	TOTAL QUANTITY
		<u>PAINT (4")</u>		
PA	WHITE EDGELINE		35400 LF	
PE	WHITE SOLID LANE LINE		1050 LF	
PI	DOUBLE YELLOW CENTER LINE		55980 LF	92430 LF
		<u>PAINT (8")</u>		
PR	WHITE GORELINE		650 LF	
PS	WHITE DIAGONAL		220 LF	
PV	YELLOW DIAGONAL		100 LF	970 LF
		<u>PAINT (24")</u>		
P4	WHITE STOPBAR		1600 LF	1600 LF
		<u>PAINT PAVEMENT MARKING SYMBOL</u>		
QA	LEFT TURN ARROW		14 EA	
QB	RIGHT TURN ARROW		24 EA	
QD	STRAIGHT & LEFT TURN ARROW		4 EA	42 EA
		<u>TEMPORARY RAISED MARKERS</u>		
MH	YELLOW & YELLOW		200 EA	200 EA

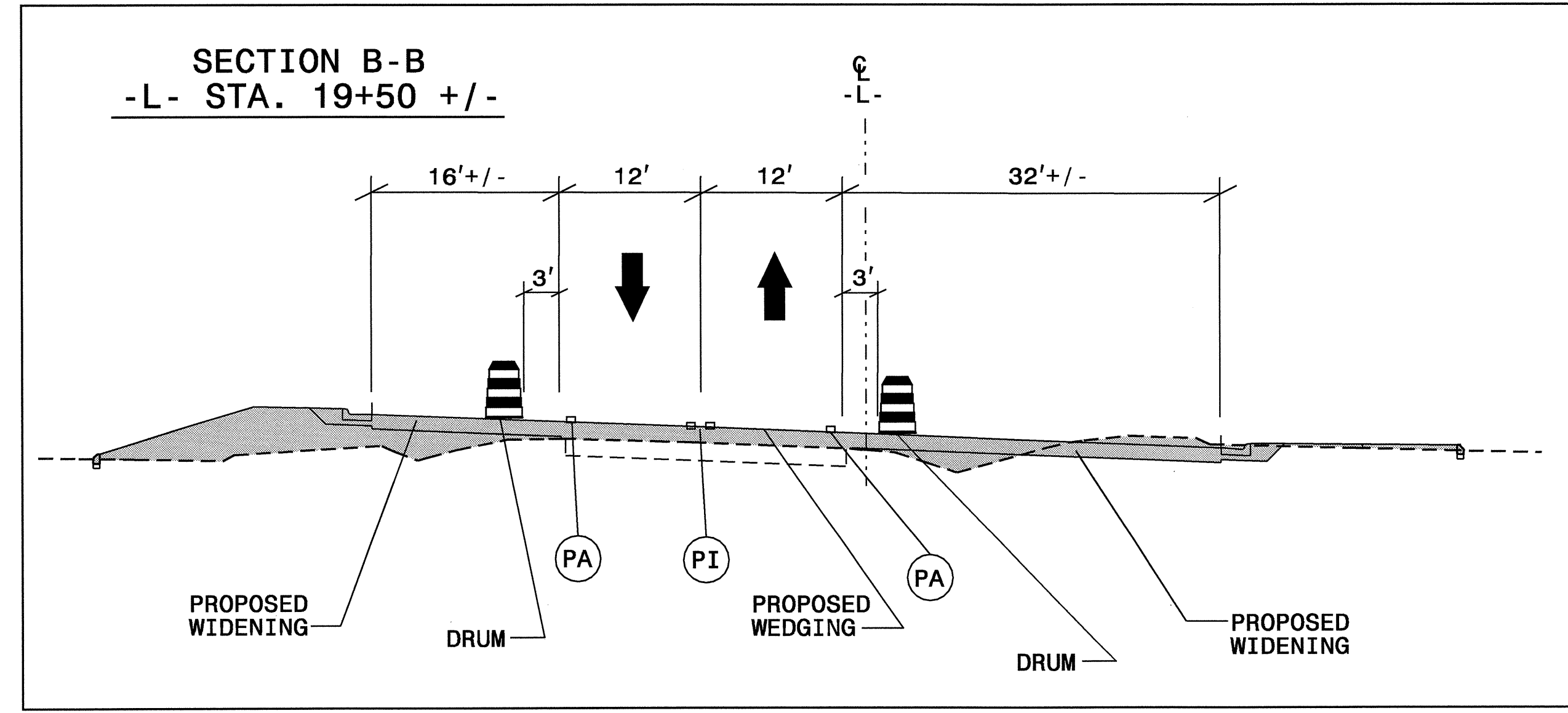
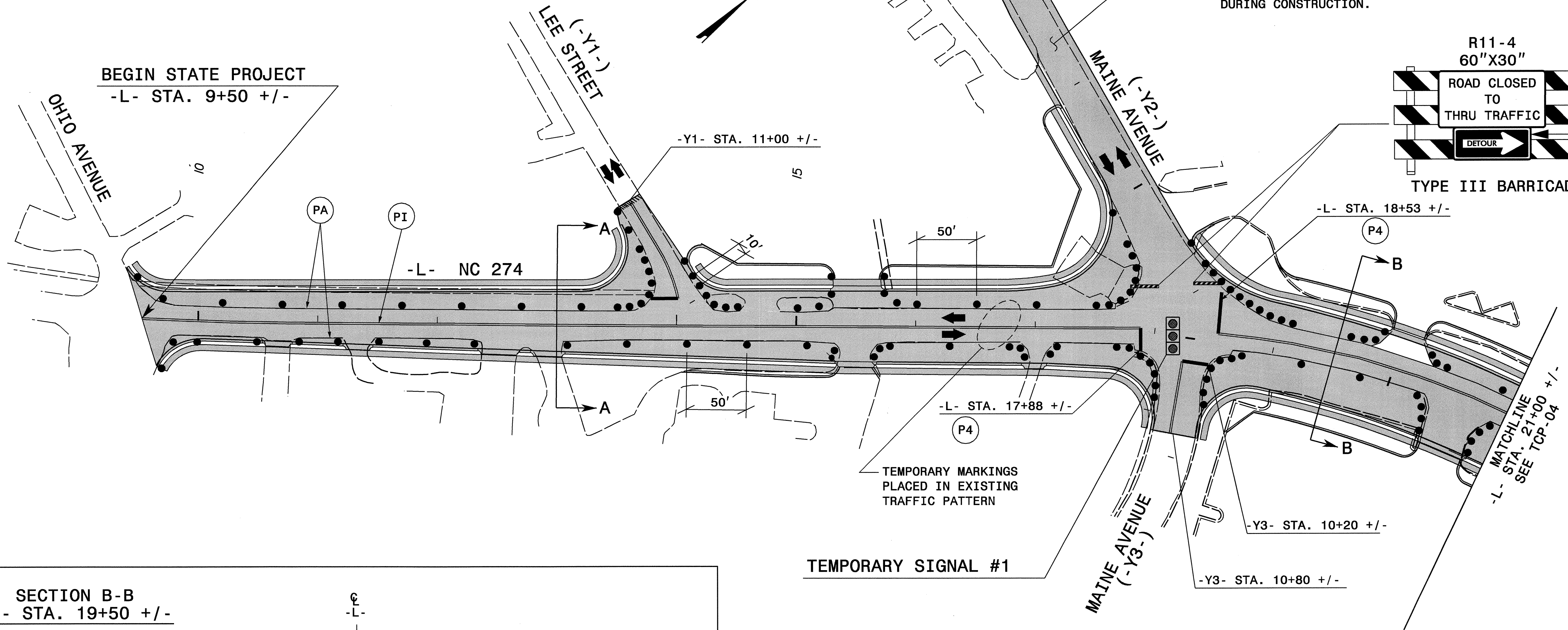
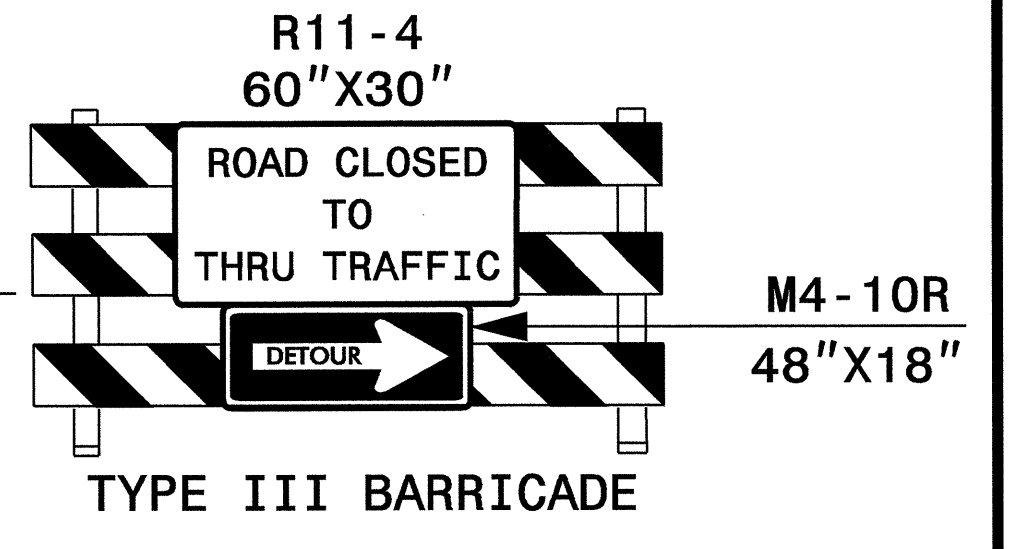
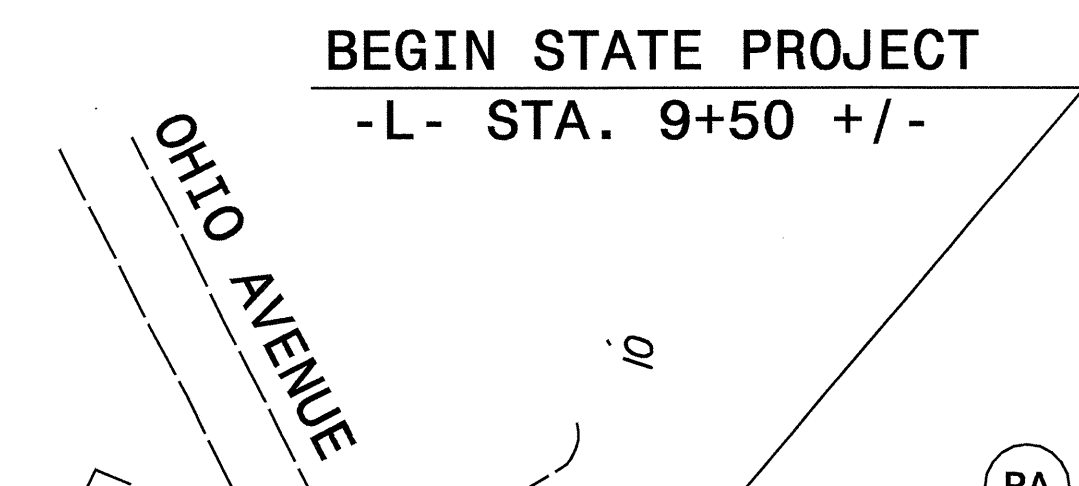
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CONSTRUCT MAINE AVE -Y2- UTILIZING OFF-SITE DETOUR. (SEE STEPS 4 - 6, INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.) SEE DETAIL "A" ON TCP-4A FOR TEMPORARY PAVEMENT MARKINGS. MAINTAIN ACCESS TO DRIES DURING CONSTRUCTION.



SEE TCP-15 FOR -Y2- MAINE AVE. OFF-SITE DETOUR

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**PHASE I**

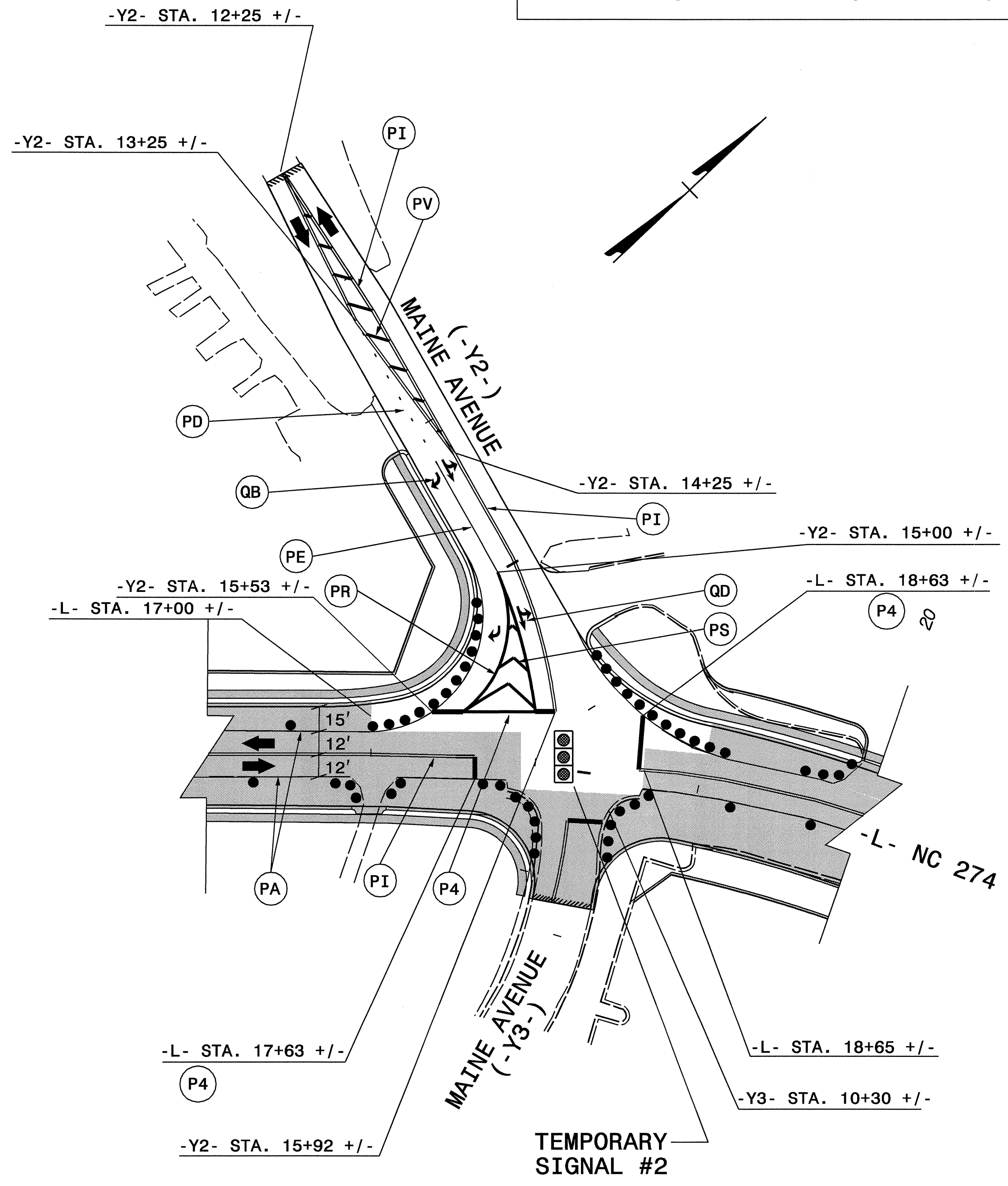
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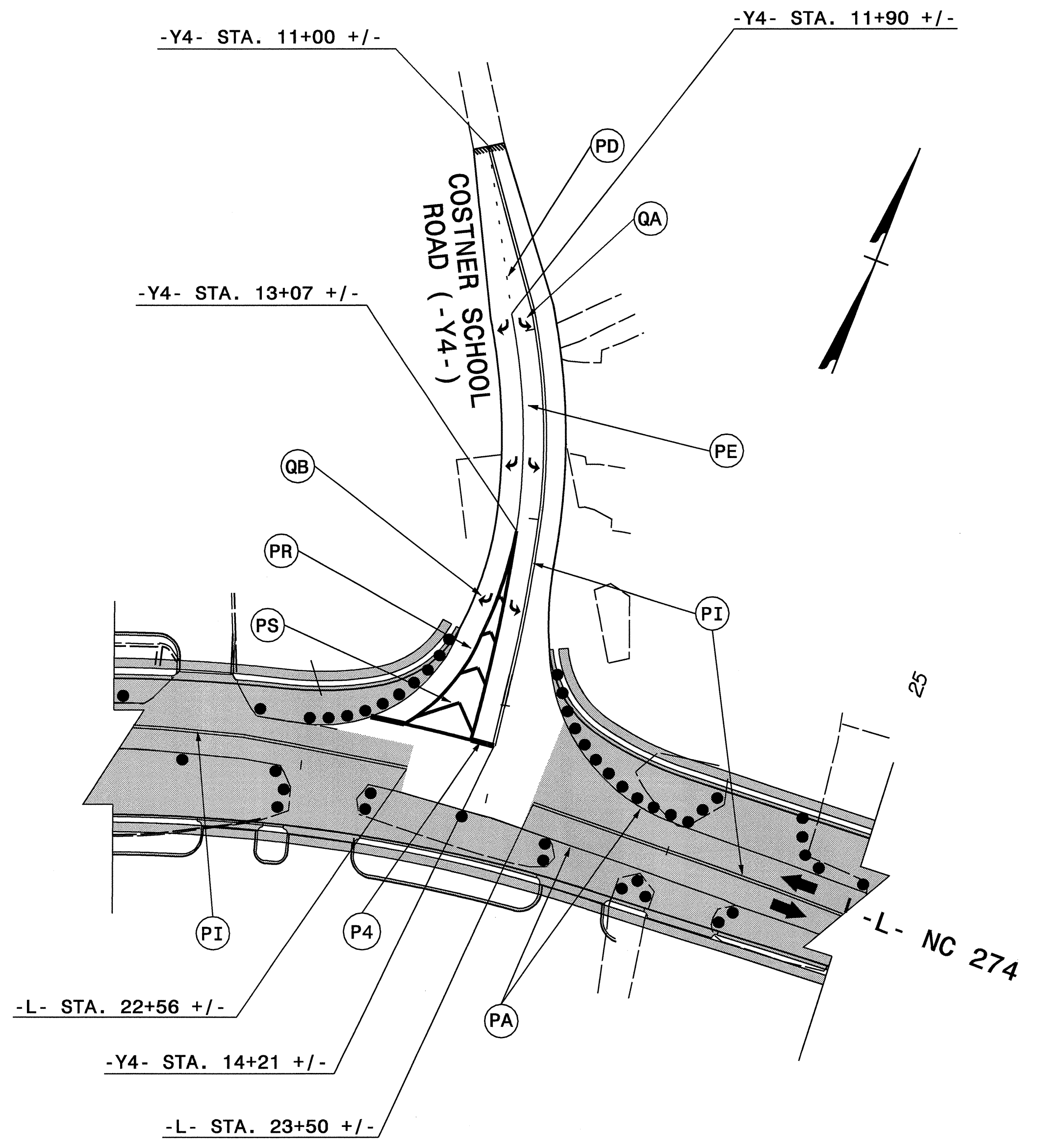




MARKING PLAN FOR RE-OPENING OF -Y2- AND -Y4-



DETAIL 'A'



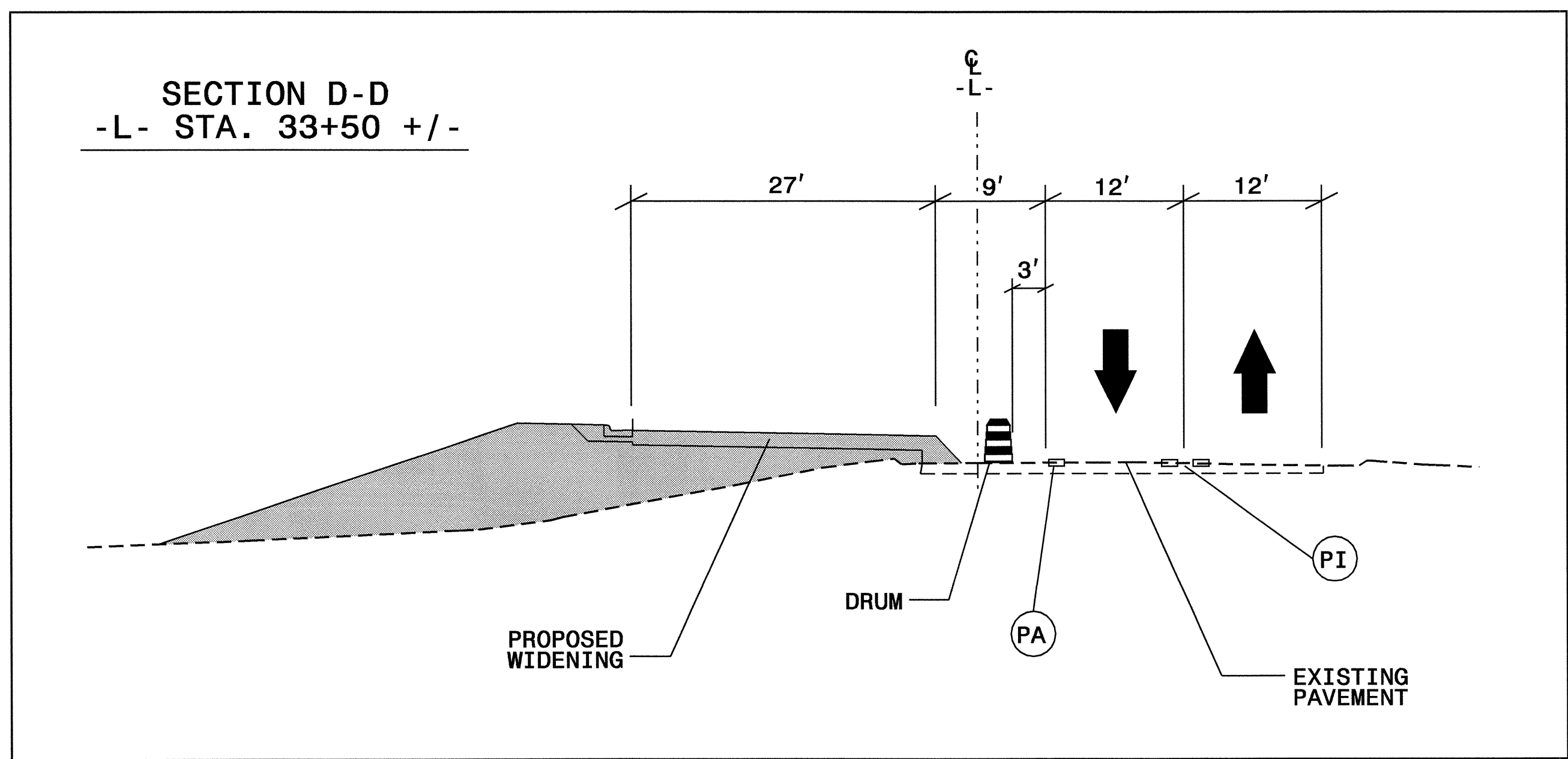
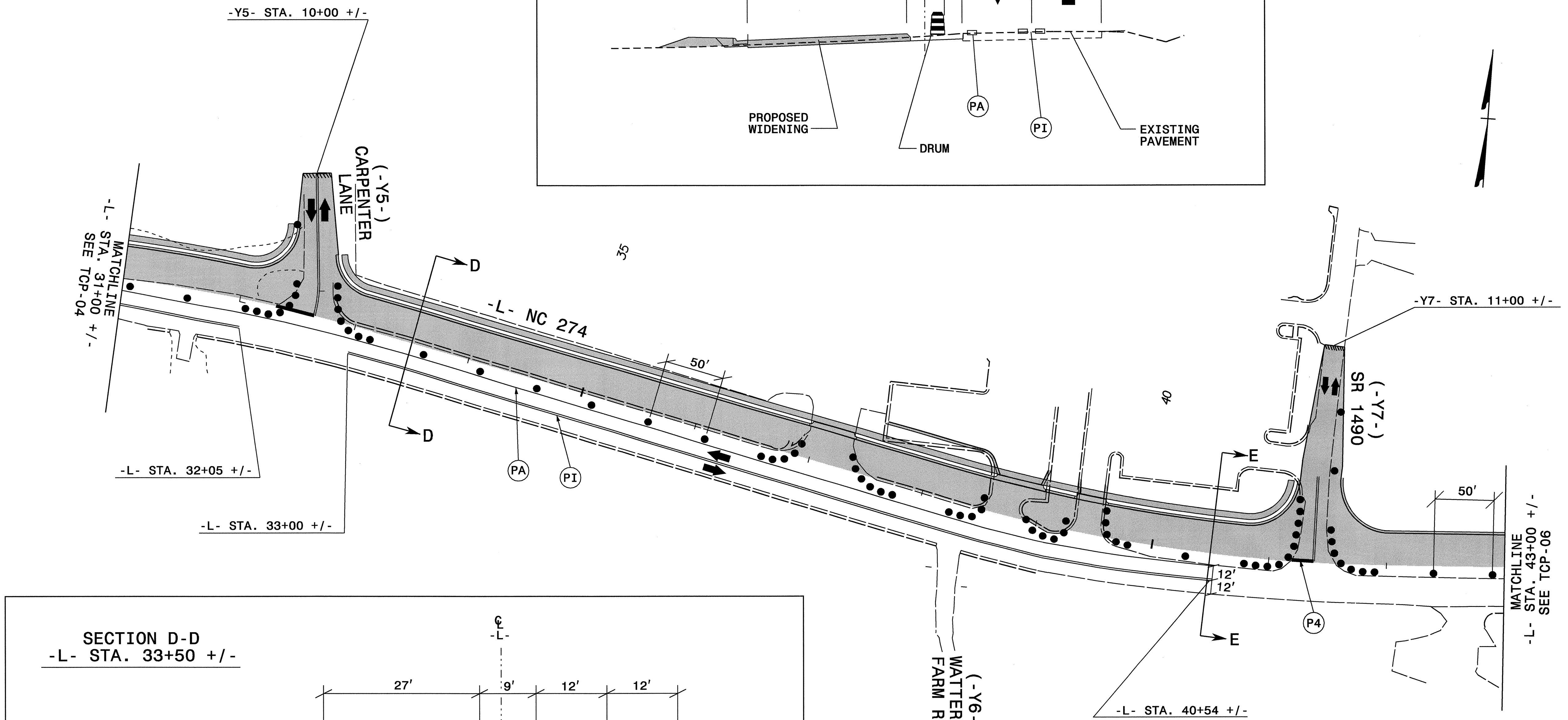
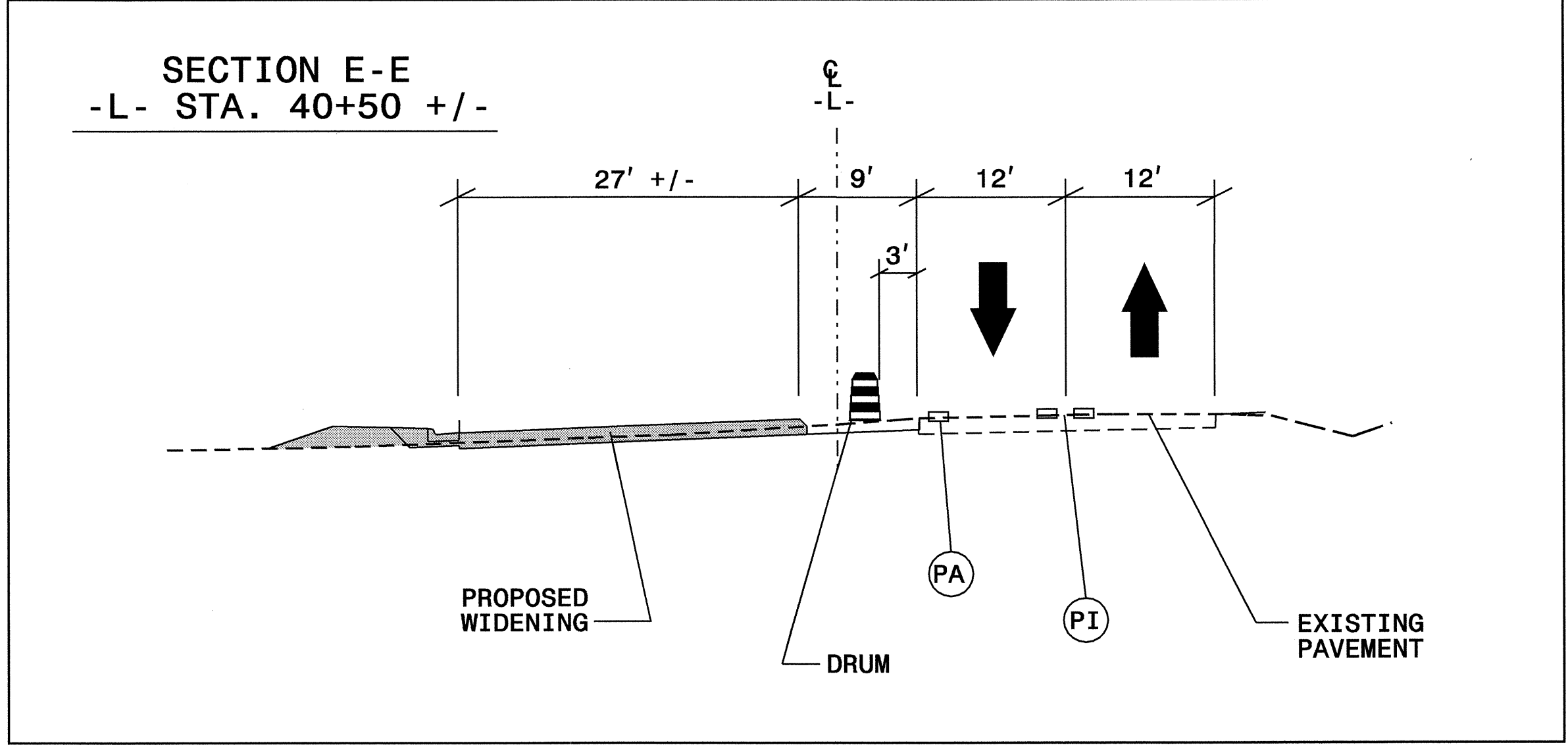
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SEE TCP-02B FOR TEMP. PM SCHEDULE

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APPROVED: <i>[Signature]</i> DATE: 04/10/08	<b>PHASE I</b>	
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	DATE: 05/08	
	DWG. BY: AKP	
	DESIGN BY: AKP	
REVIEWED BY: DAP	REVISIONS	





SEE TCP-02B FOR TEMP. PM SCHEDULE

APPROVED: *[Signature]* DATE: 05/08

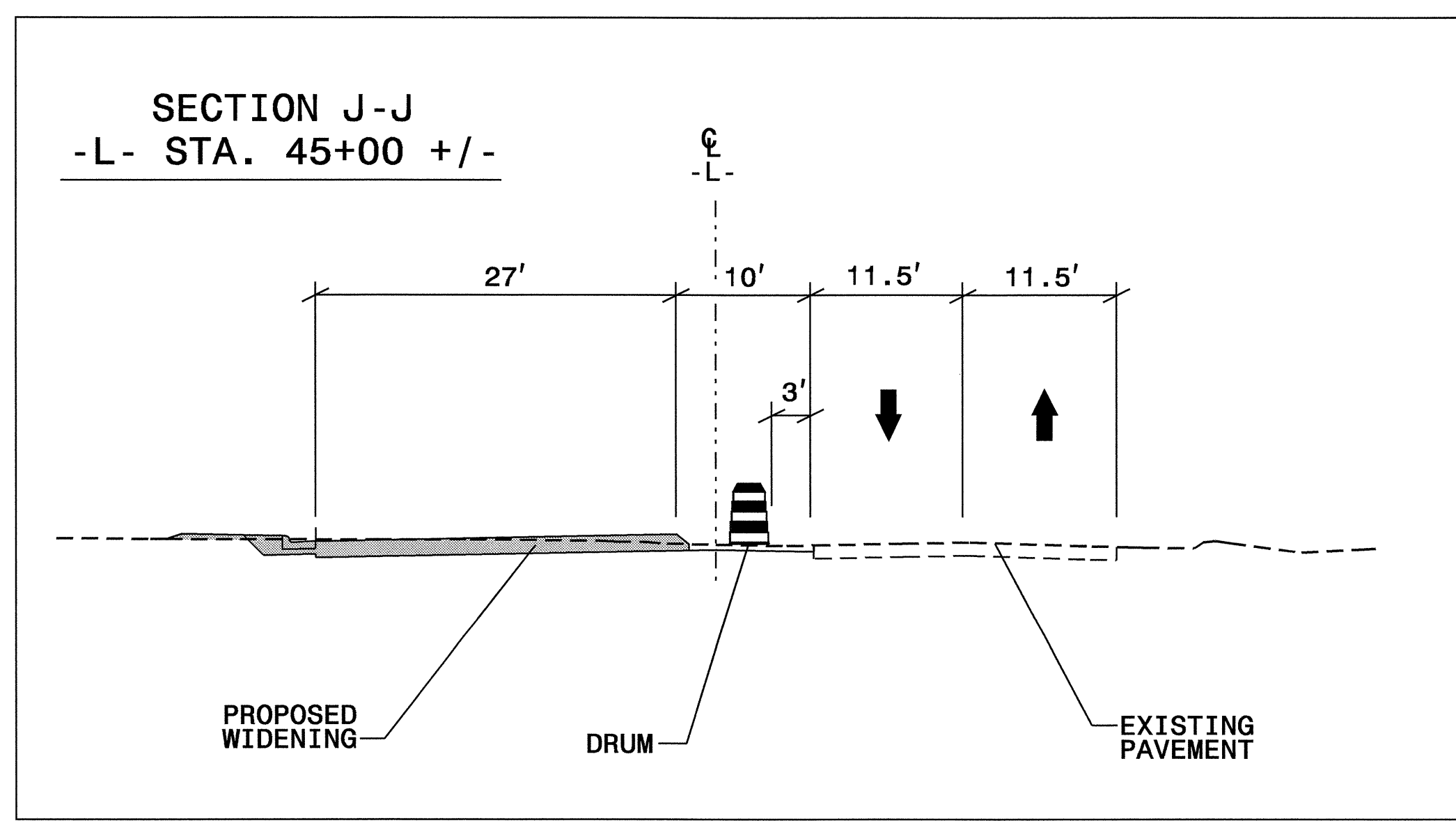
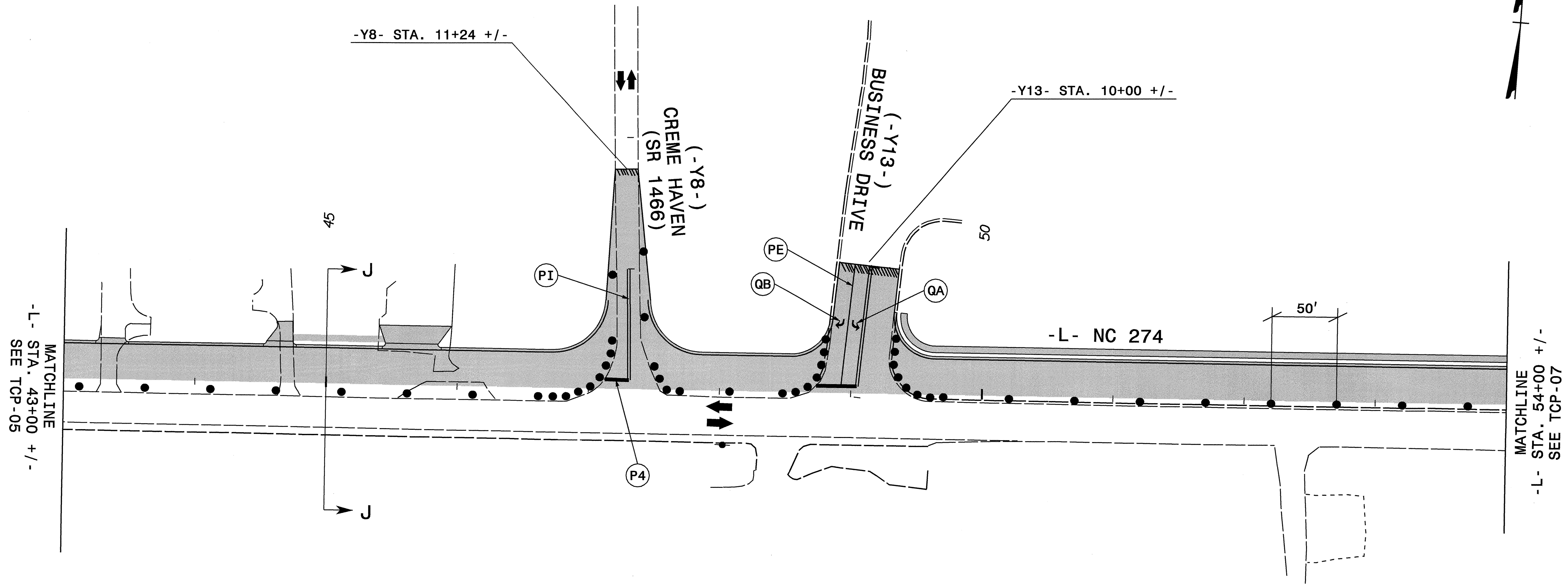
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**PHASE I**

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DATE:	05/08										
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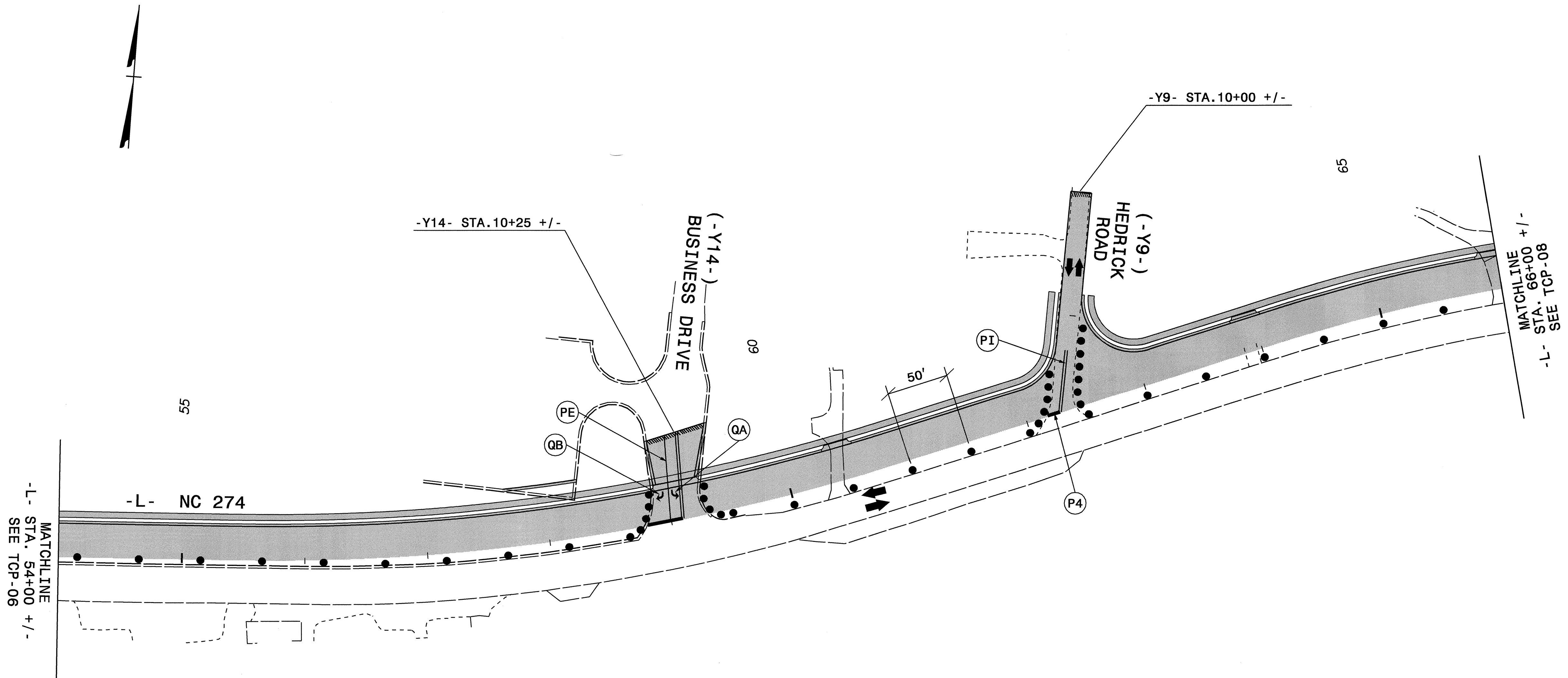




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APPROVED: SEAL 	DATE: 02/11/08	<b>PHASE I</b> 	REVISIONS				
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GASTON	

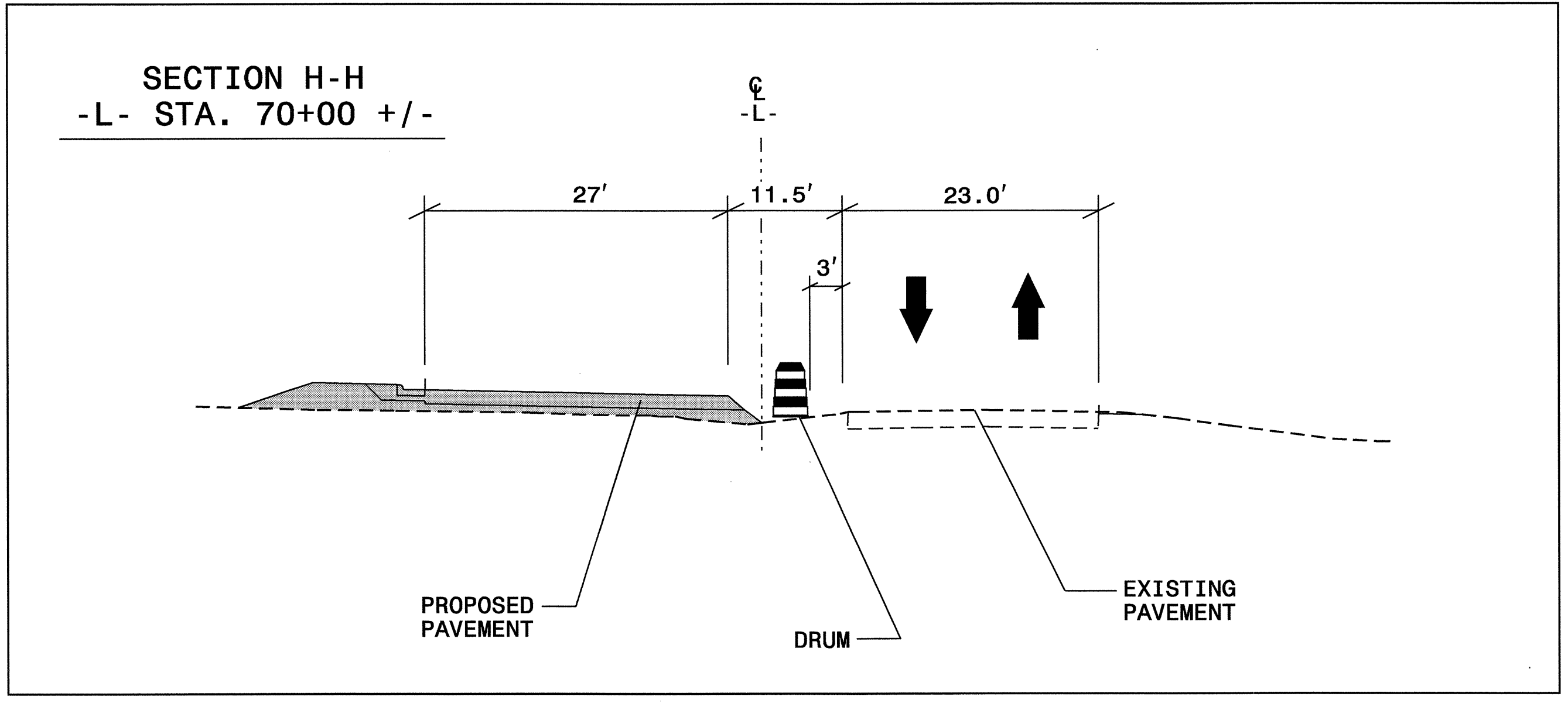
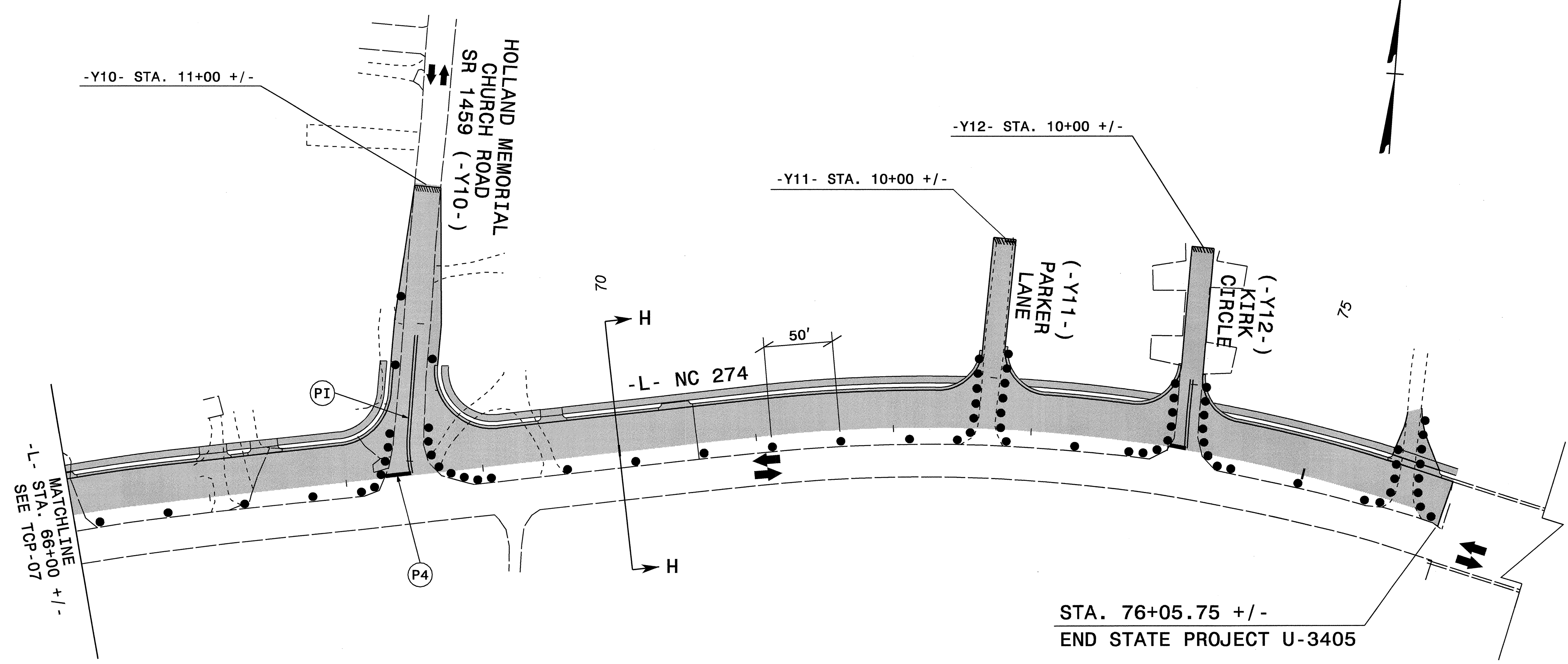


SEE SECTION J-J ON TCP-06

APPROVED: <i>[Signature]</i> DATE: 12/4/08	<b>PHASE I</b>	
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	DWG. BY: AKP	
	DESIGN BY: AKP	
REVIEWED BY: DAP	REVISIONS	

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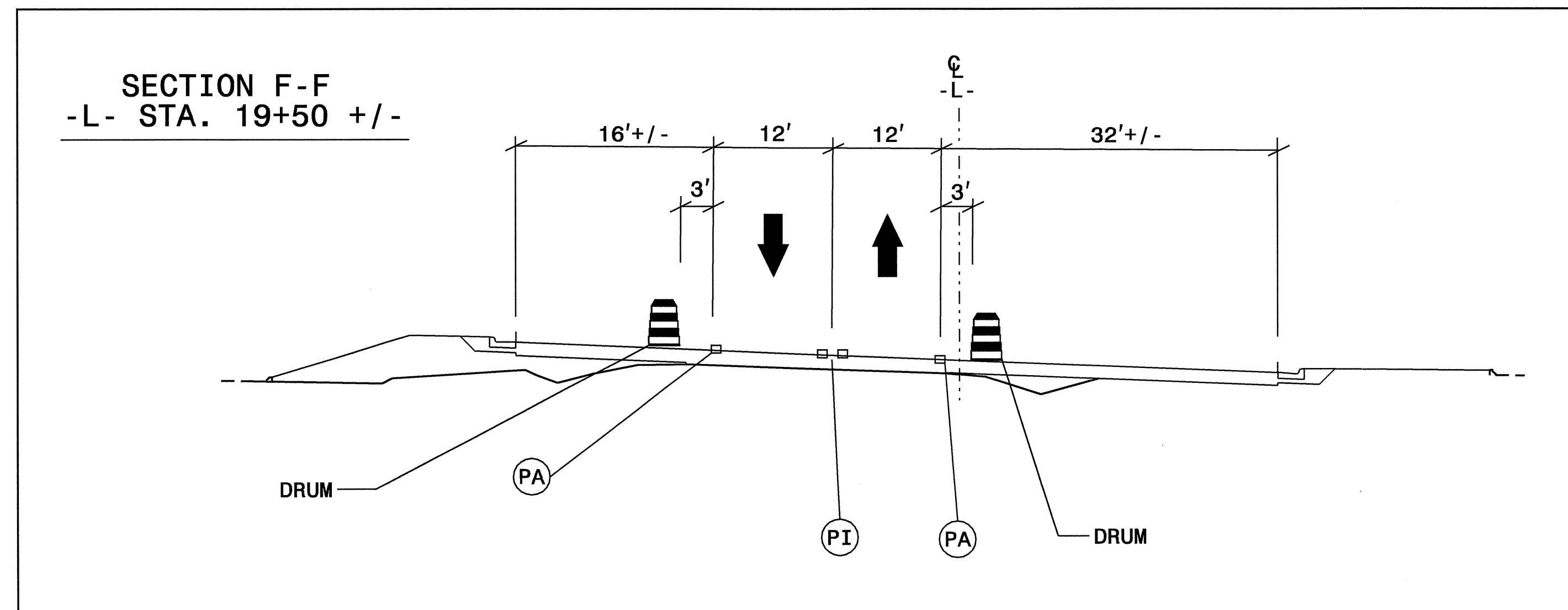
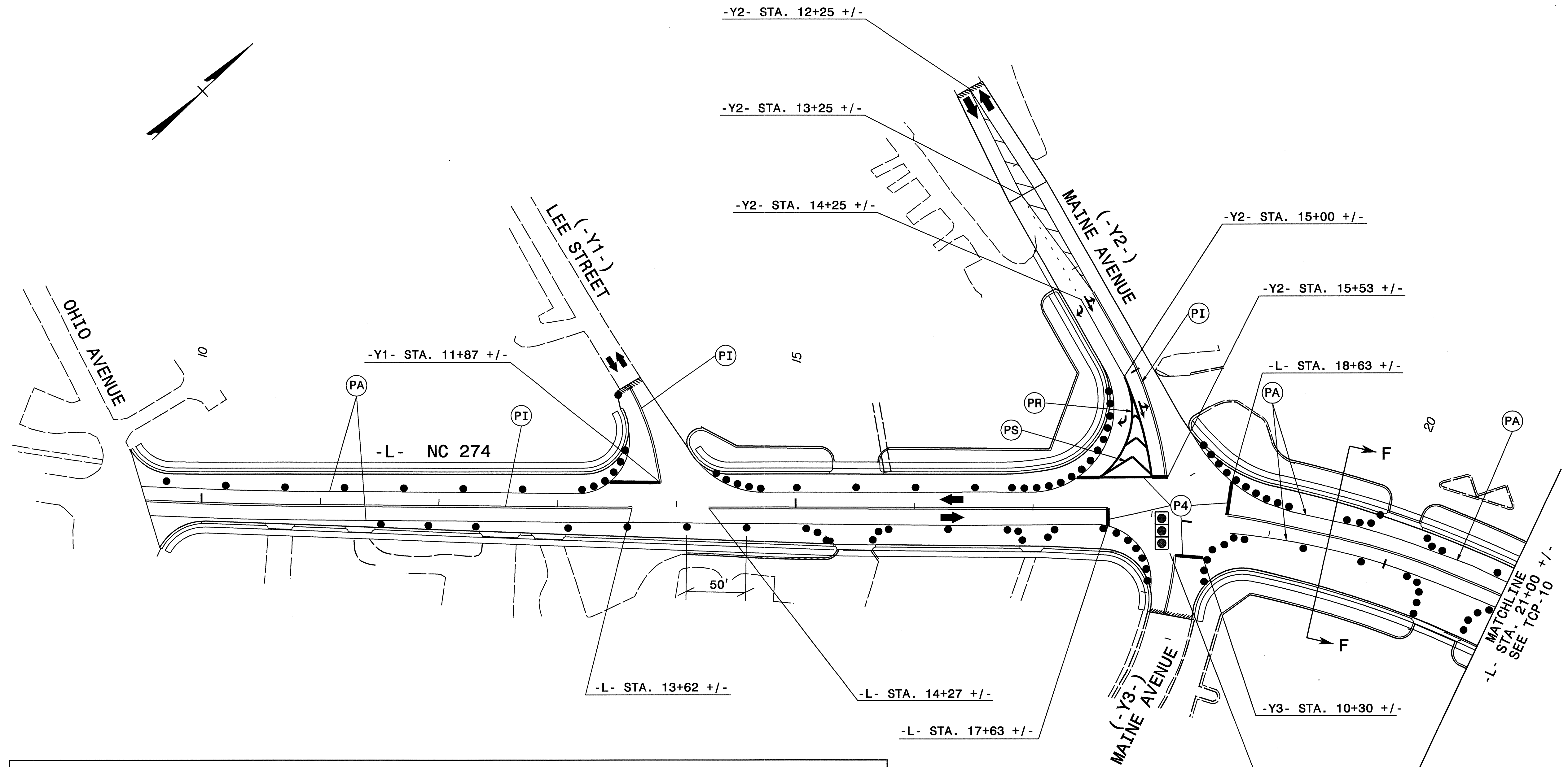
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SEAL

**PHASE I**

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REVIEWED BY:	DAP		

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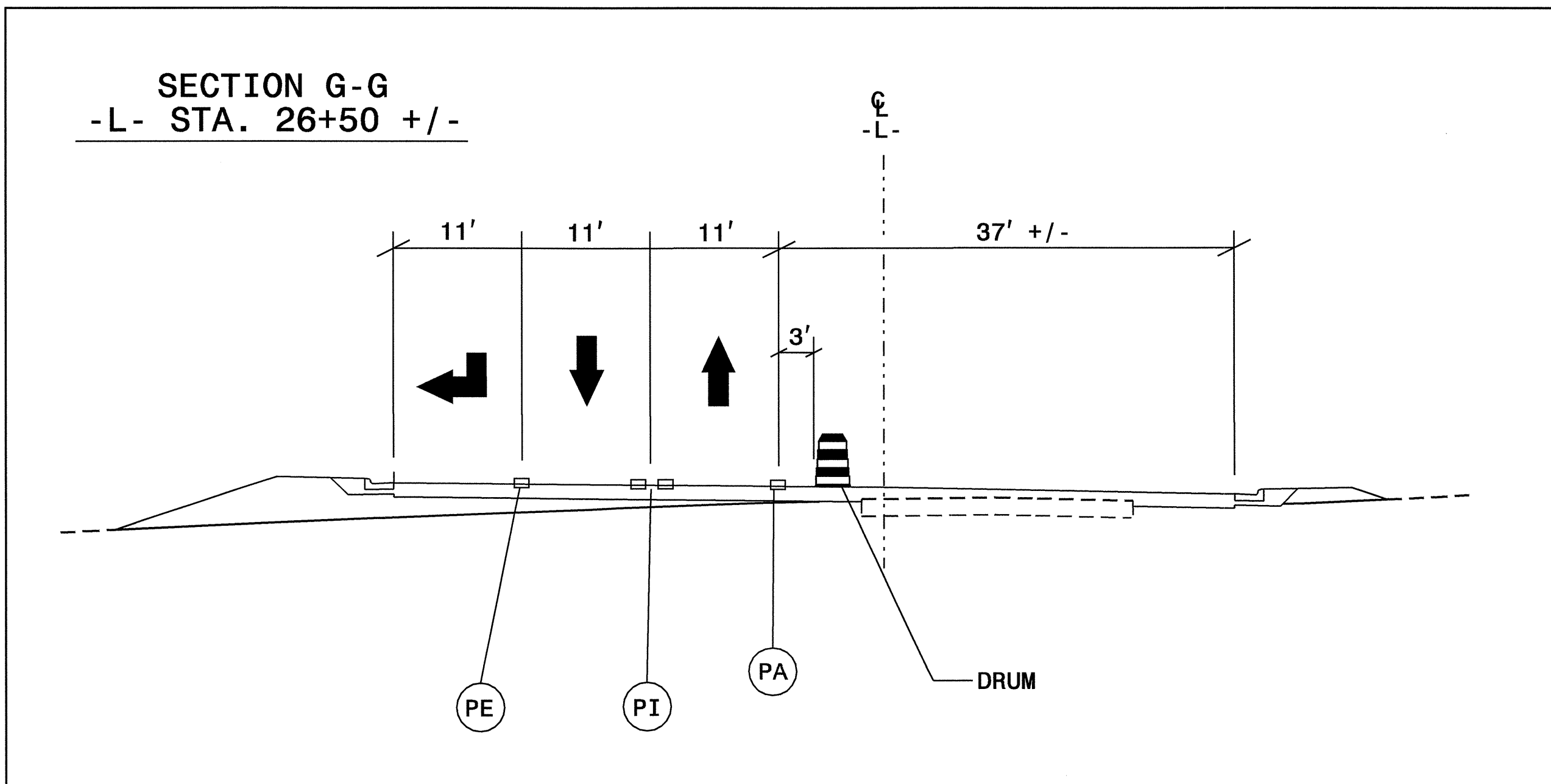
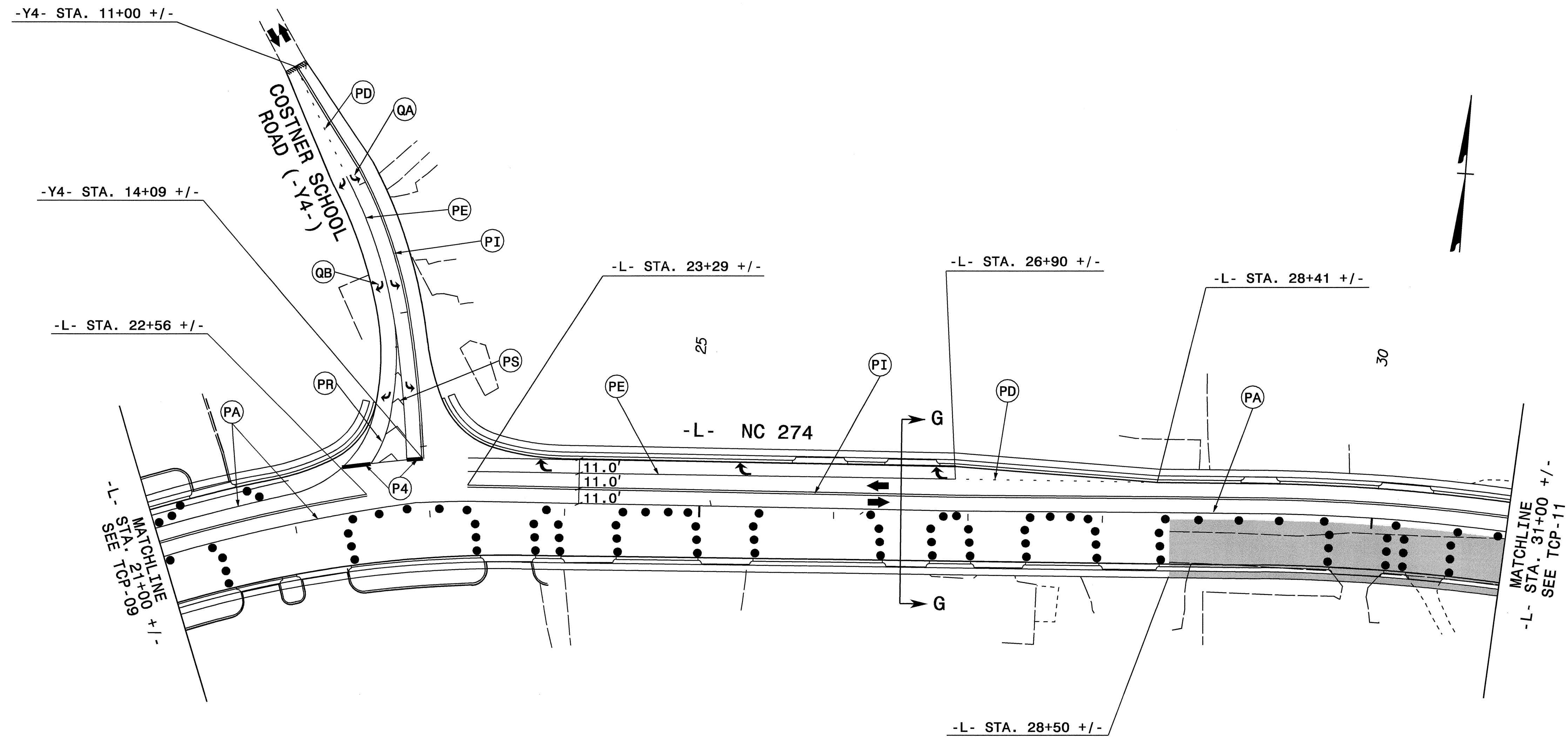


SEE TCP-02B FOR TEMP. PM SCHEDULE

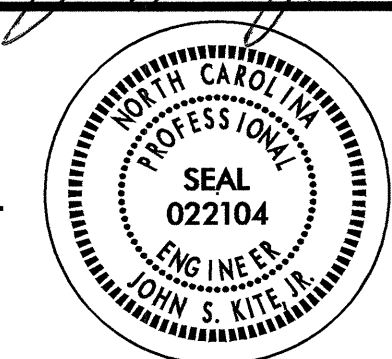

APPROVED: <i>[Signature]</i> DATE: 12/1/08	<b>PHASE II</b>		REVISIONS	
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REVIEWED BY: DAP				

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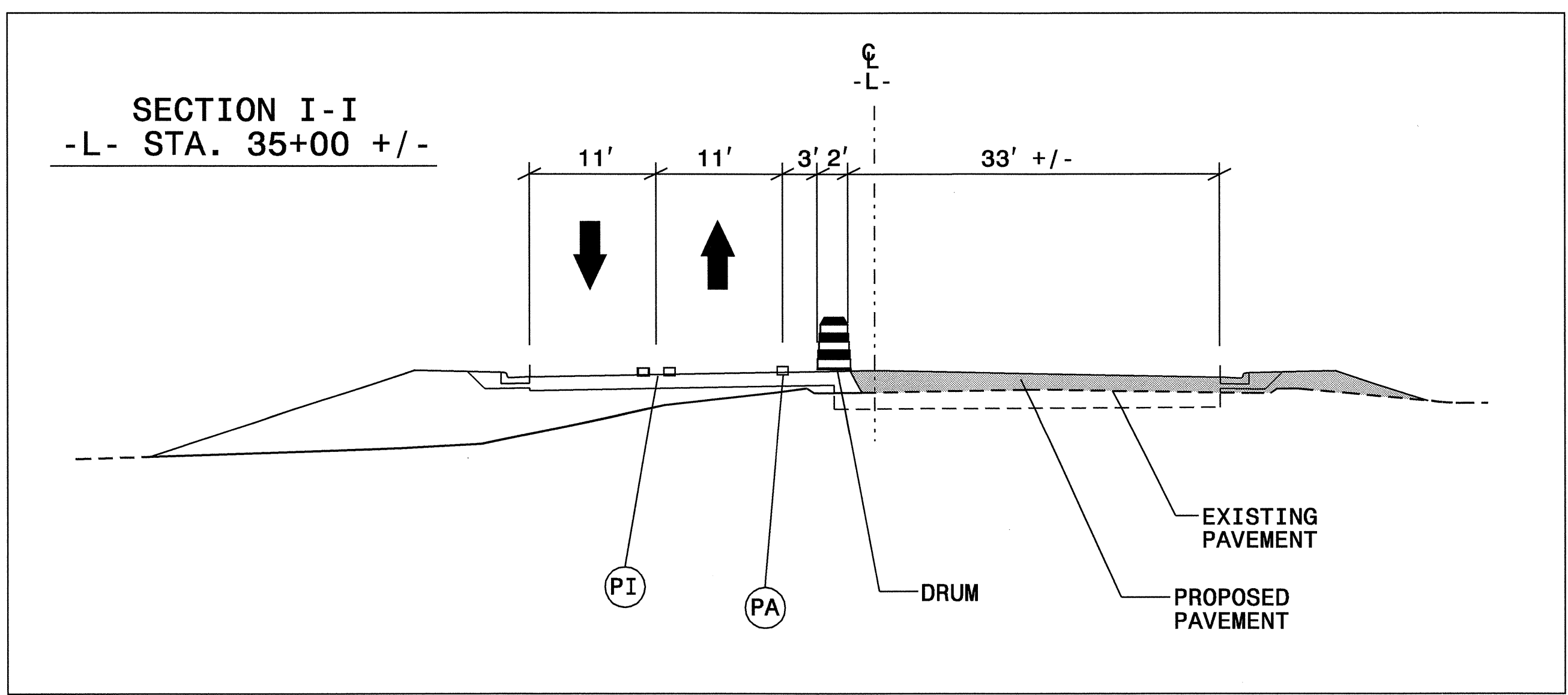
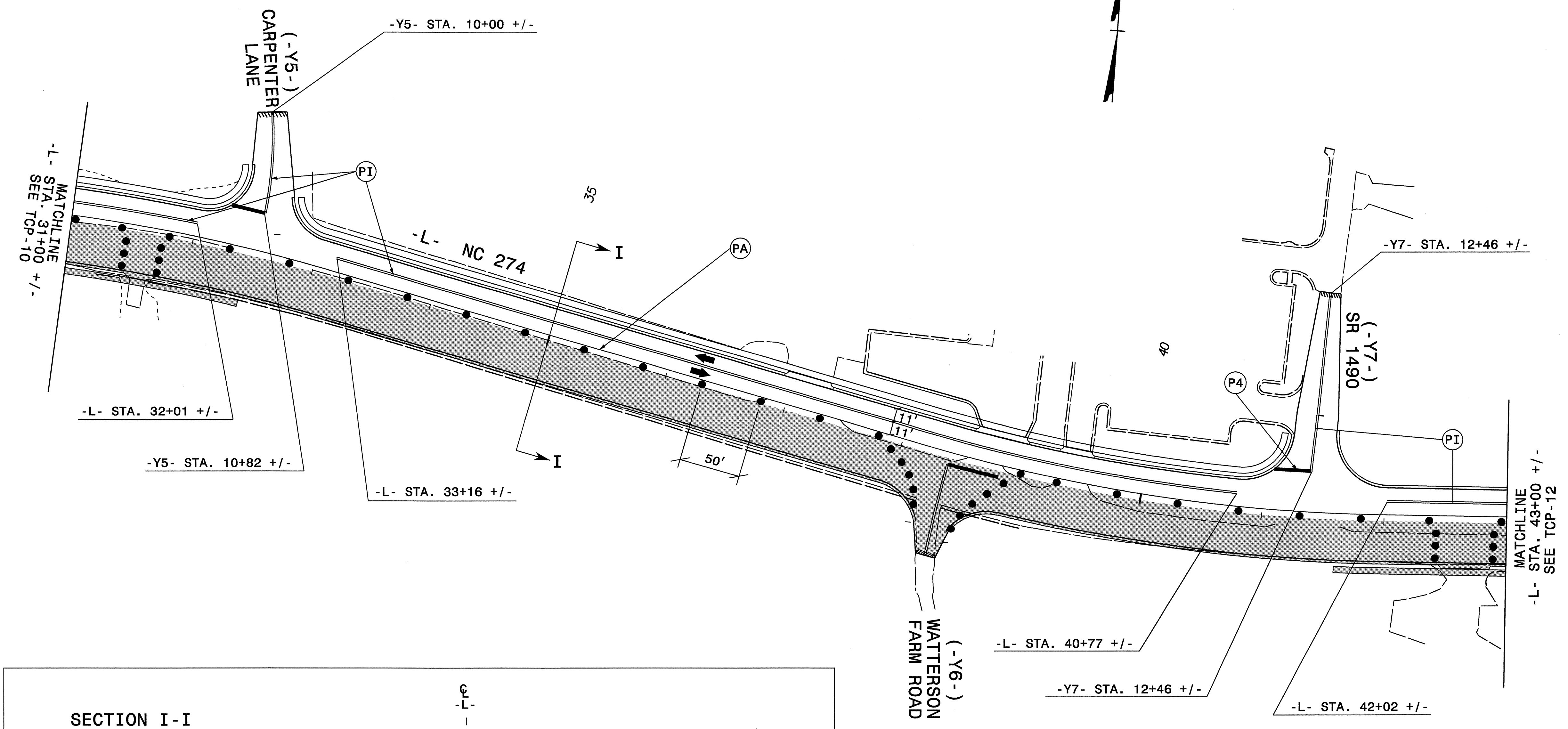




SEE SECTION I-I ON TCP-11  
SEE TCP-02B FOR TEMP. PM SCHEDULE

APPROVED: <i>[Signature]</i> DATE: 05/08	<b>PHASE II</b>	
		
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DATE: 05/08		
DWG. BY: AKP		
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 gkp\atel AT WZTC241748

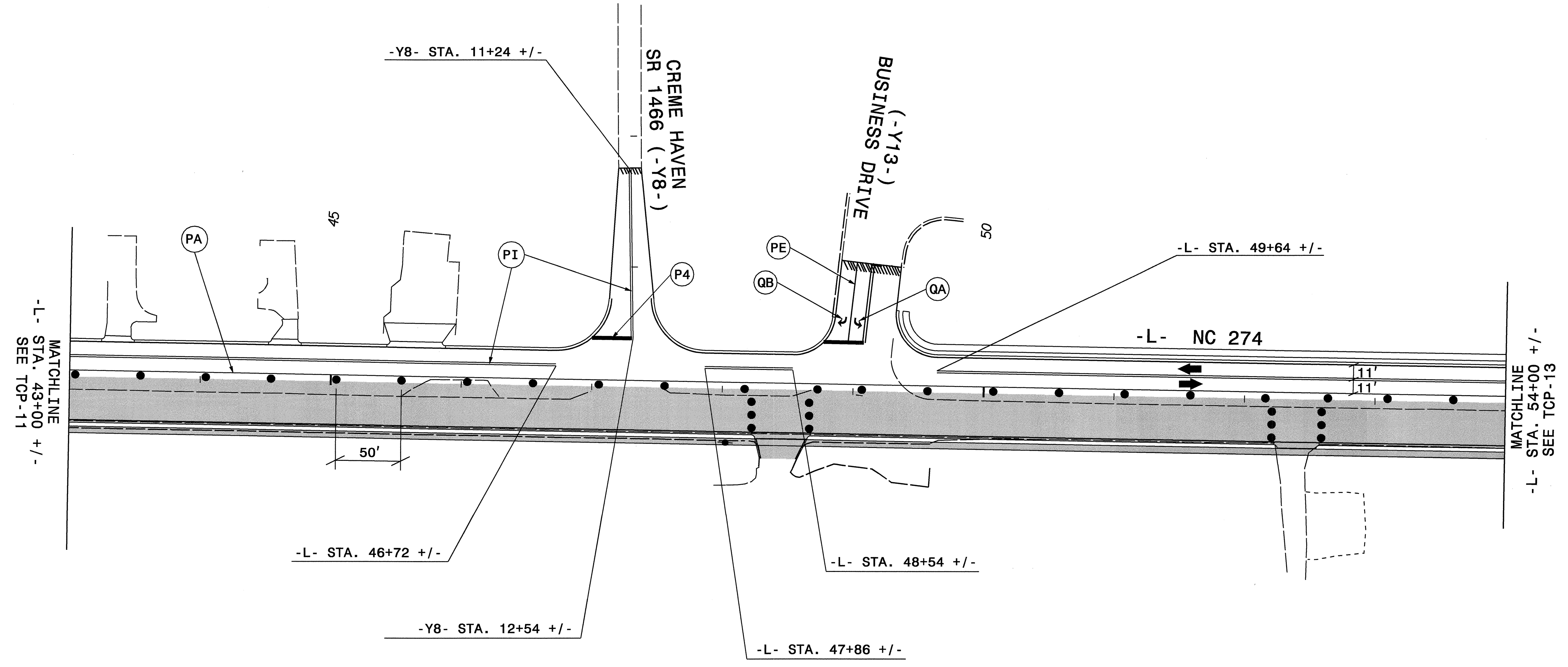


SEE TCP-02B FOR TEMP. PM SCHEDULE

APPROVED: <i>John S. Kite</i> DATE: 12/4/08	<b>PHASE II</b>	
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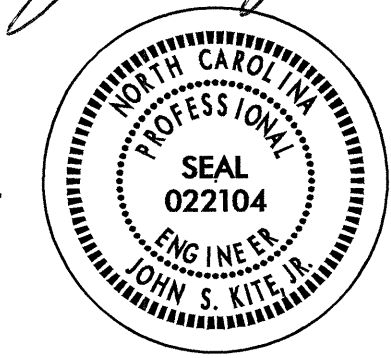

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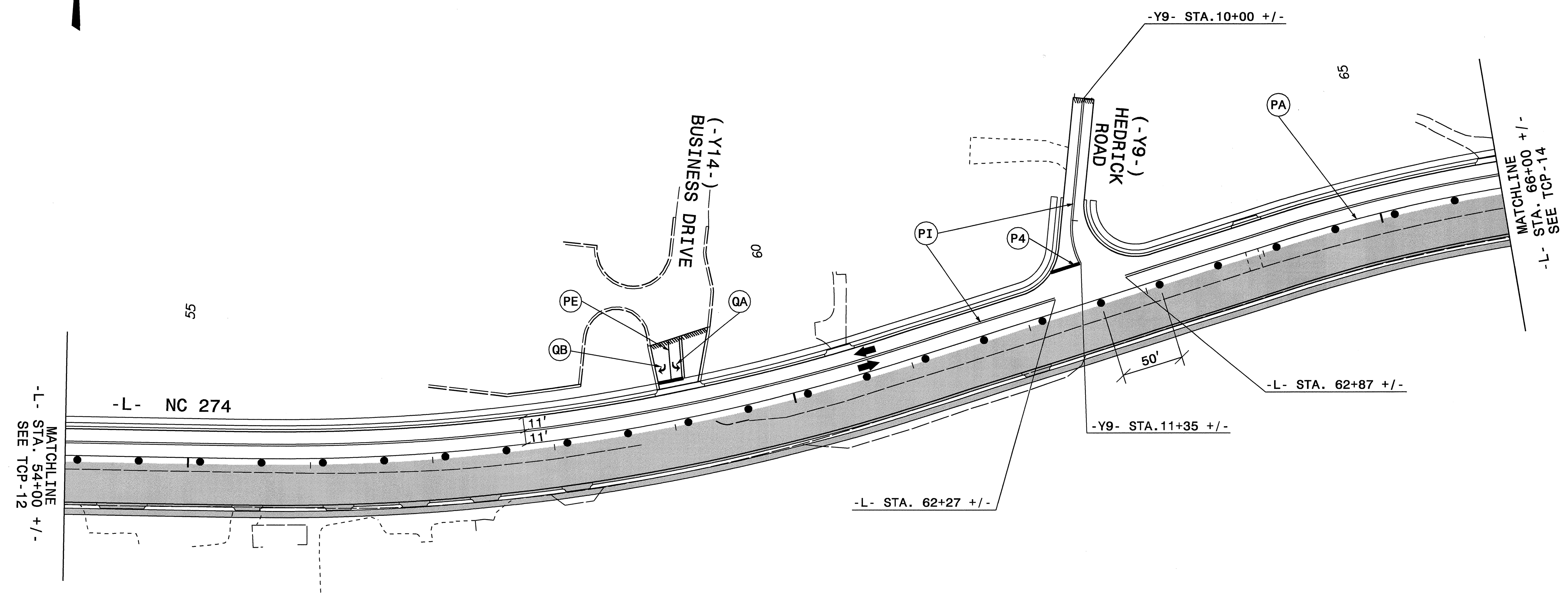




SEE SECTION I-I ON TCP-11  
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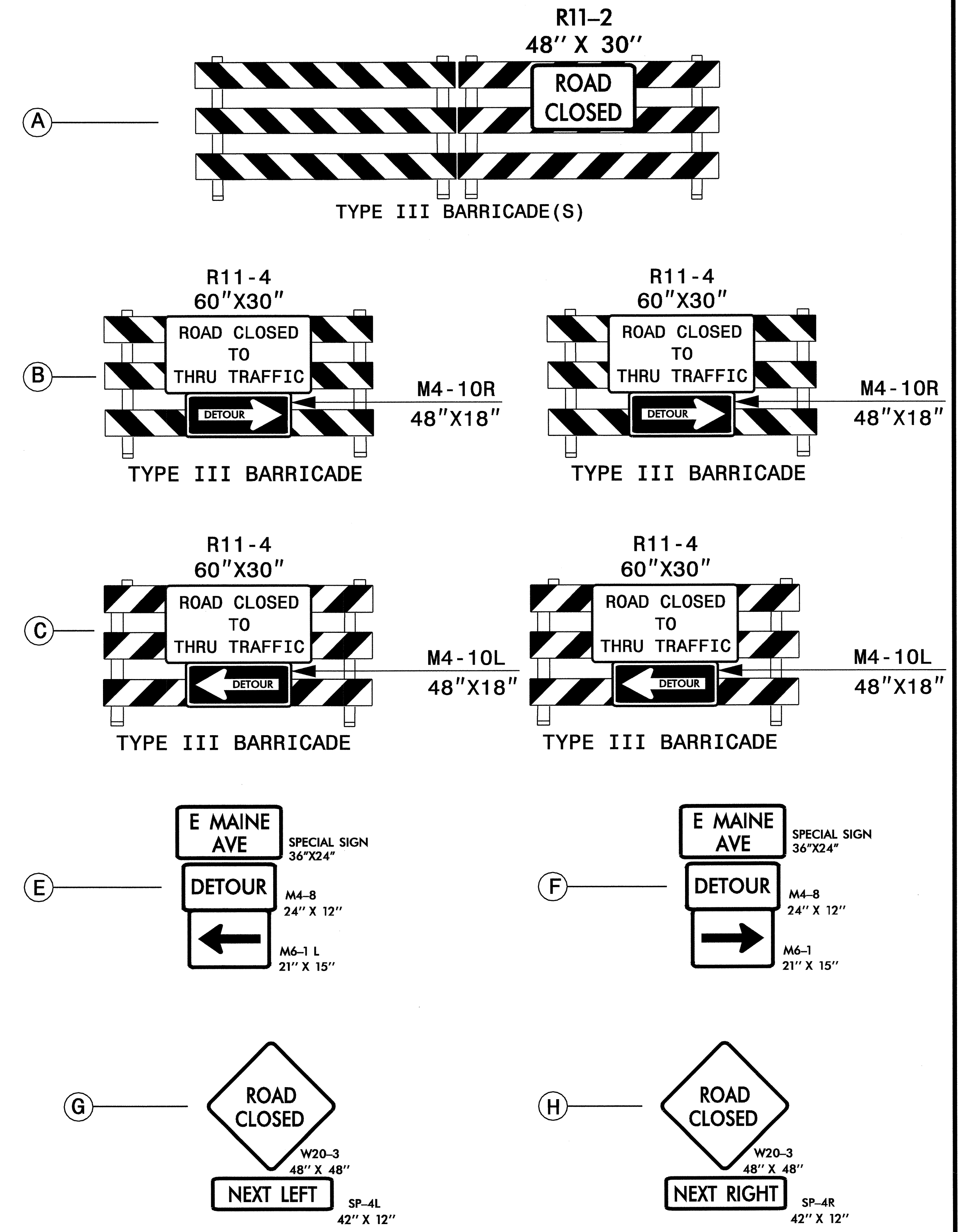
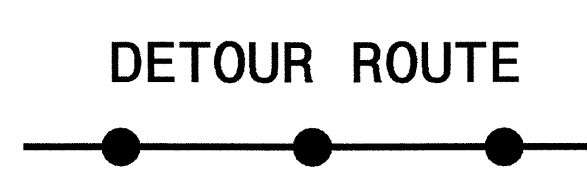
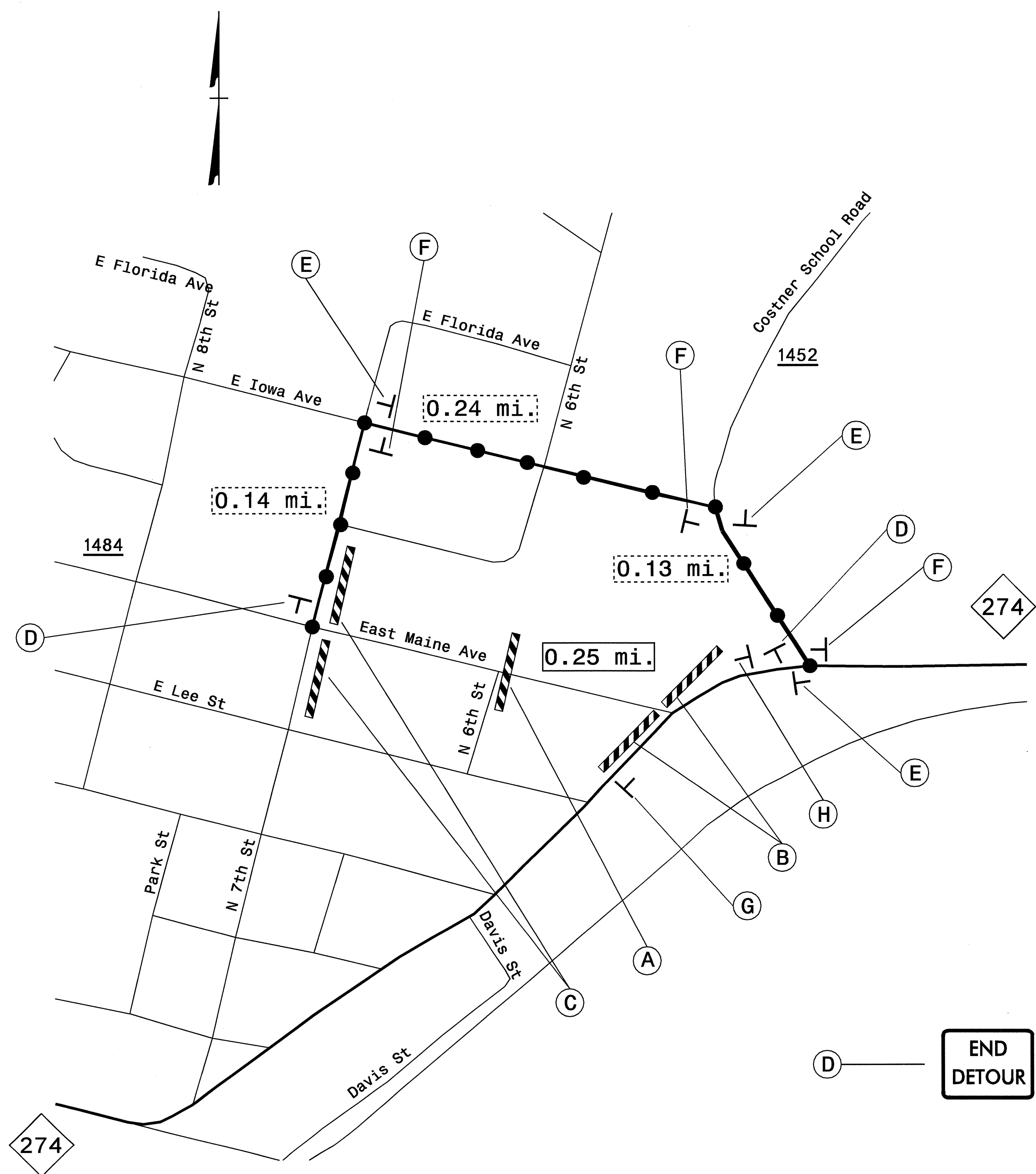
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REVIEWED BY: DAP	REVISIONS	

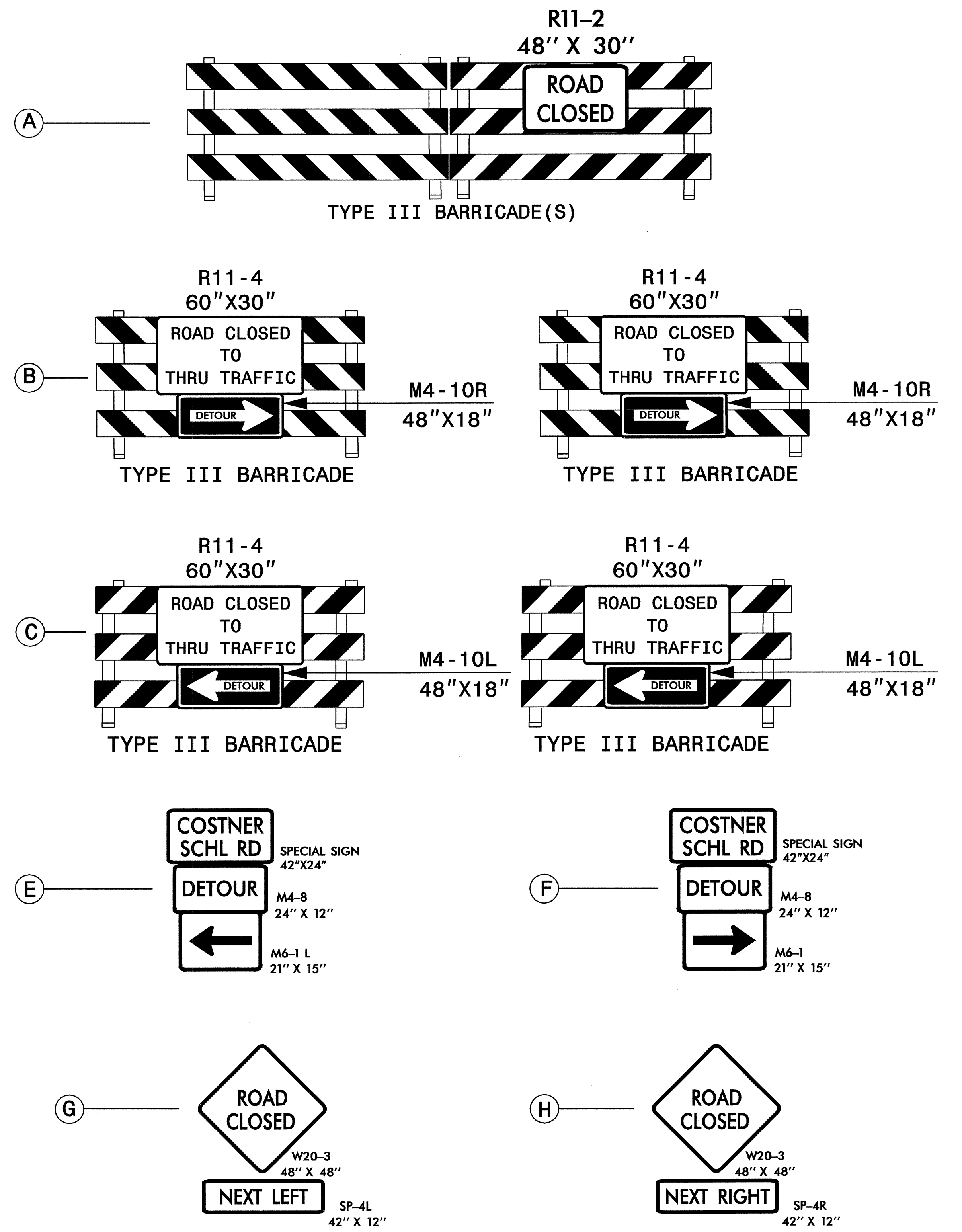
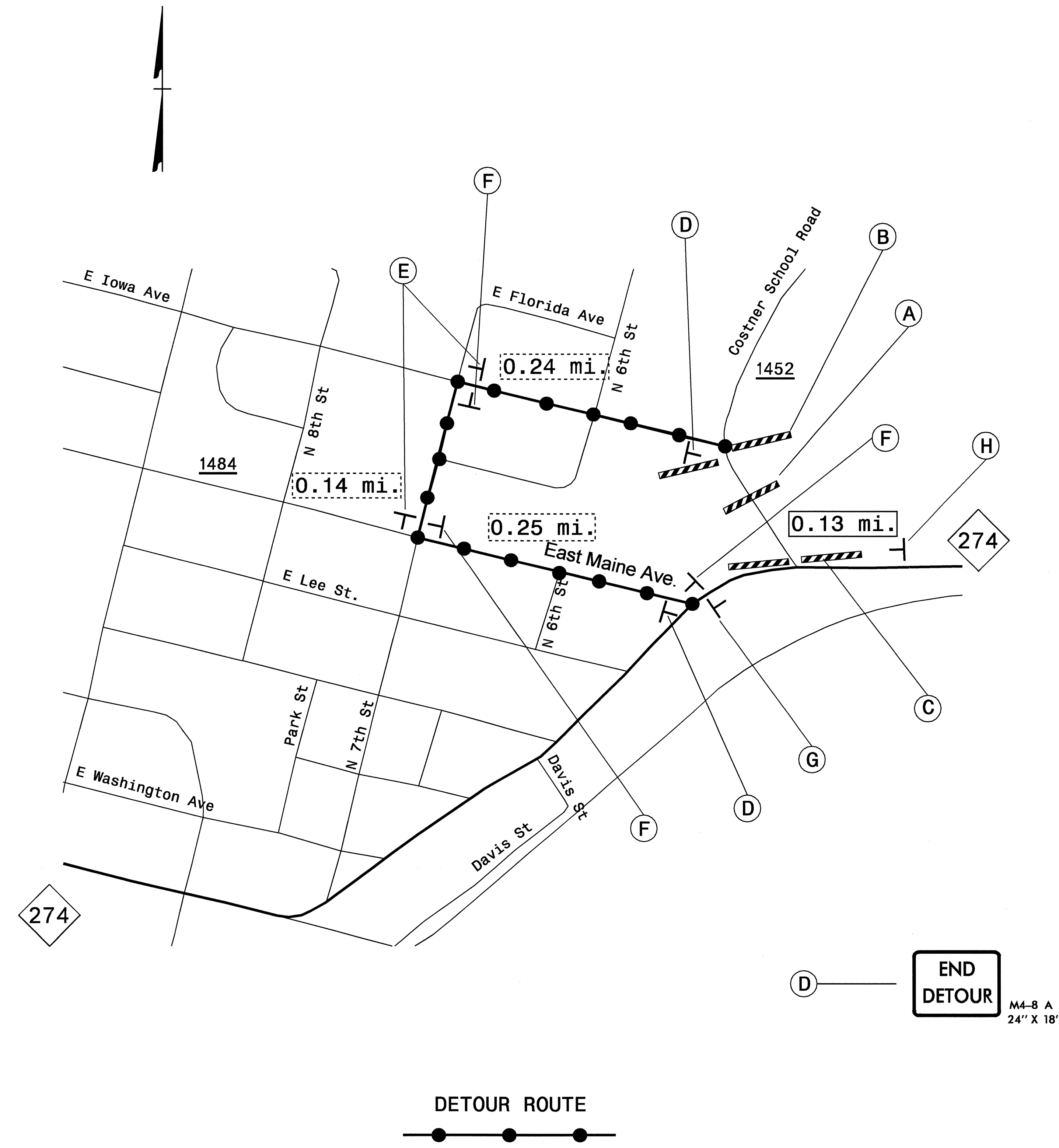






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	REVIEWED BY: DAP	
		REVISIONS



04-DEC-2008 13:06  
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APPROVED: <i>[Signature]</i> DATE: 12/4/08	<b>-Y4- DETOUR &amp; SIGNING</b>	
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REVIEWED BY: DAP	REVISIONS	



