

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
U-3313	TCP-1

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

U-3313

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS"-ROADWAY DESIGN 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	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
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
1261.01	GUARDRAIL & BARRIER DELINEATOR SPACING
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1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS
1264.02	PLACEMENT OF OBJECT MARKERS

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TCP-17	DETAIL DRAWING FOR TWO-WAY UNDIVIDED WORK ZONE SIGNS
PM-1 TO PM-7	PAVEMENT MARKING

LEGEND

- GENERAL**
- ← DIRECTION OF TRAFFIC FLOW
 - ↑ NORTH ARROW
 - PROPOSED PVMT. - - - - - EXIST. PVMT.
 - [Hatched Box] WORK AREA
 - [Cross-hatched Box] REMOVAL OF EXISTING PAVEMENT
- TRAFFIC CONTROL DEVICES**
- I TYPE I BARRICADE
 - II TYPE II BARRICADE
 - [Diagonal Lines] TYPE III BARRICADE
 - ▲ CONE
 - DRUM
 - [Flashing Arrow Panel] FLASHING ARROW PANEL (TYPE C)
 - [Square with X] TYPE 'B' WARNING LIGHT
 - T STATIONARY SIGN
 - [Triangle with X] PORTABLE SIGN
 - [Circle with X] STATIONARY OR PORTABLE SIGN
 - [Warning Flag] WARNING FLAGS
 - [Crash Cushion] CRASH CUSHION
 - [Changeable Message Sign] CHANGEABLE MESSAGE SIGN
 - [Truck Mounted Attenuator] TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
 - [Police Sign] POLICE
 - [Flagger Sign] FLAGGER
- PAVEMENT MARKINGS**
- [Square] CRYSTAL/CRYSTAL PAVEMENT MARKER
 - [Diamond] YELLOW/YELLOW PAVEMENT MARKER
 - [Square] CRYSTAL/RED PAVEMENT MARKER
 - ↔ PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM	QUANTITY BREAKDOWN	TOTAL QUANTITY
PAVEMENT MARKING LINES				
PAINT (4")				
PA	WHITE EDGELINE (2X)		2,384 LF	
PB	YELLOW EDGELINE		11,685 LF	
PD	2' WHITE MINISKIP		135 LF	
PE	WHITE SOLID LANE LINE		1,483 LF	
PI	YELLOW DOUBLE CENTER LINE (2X)		5,128 LF	
PAINT (8")				
PU	YELLOW EDGELINE (1X)		648 LF	
PV	YELLOW DIAGONAL (2X)		105 LF	
PAINT (24")				
P4	WHITE STOP BAR (2X)		542 LF	
PAINT MARKING SYMBOLS				
TOTAL				
QA	LEFT TURN ARROW		10 EA	
QB	RIGHT TURN ARROW		7 EA	
QC	STRAIGHT ARROW		4 EA	
QD	COMBO. STRAIGHT/LEFT ARROW		2 EA	
QE	COMBO. STRAIGHT/RIGHT ARROW		7 EA	
QF	COMBO. LEFT/RIGHT ARROW		2 EA	
QG	COMBO. LEFT/RIGHT/STRAIGHT ARROW		3 EA	

PLAN PREPARED BY: **PARSONS TRANSPORTATION GROUP**

VICTOR M. CHAVEZ, P.E. **PROJECT ENGINEER**

DAVID B. GARRETT **DESIGN ENGINEER**

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APPROVED: *Victor M. Chavez*
DATE: 04-15-06

SEAL

PLAN PREPARED FOR: **N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION SECTION**

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17-APR-2006 09:38 J:\U3313\TIP\TrafficControl\TCP\U3313.RDY_TCP01.DGN C:\001242 AT DC6VCR21

TIP PROJECT:

GENERAL NOTES



PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-2

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.

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. GROOMETOWN RD.	7:00 AM TO 9:00 AM 4:00 PM TO 6:00 PM

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

- | ROAD NAME | HOLIDAY |
|-----------------------------|---------|
| 1. GROOMETOWN RD. (SR 1129) | |
- FOR ANY EVENT THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUME, AS DIRECTED BY ENGINEER.
 - FOR NEW YEAR'S DAY, BETWEEN THE HOURS OF 7:00 A.M. DECEMBER 31ST TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A SATURDAY OR A SUNDAY, THEN UNTIL 6:00 P. M. THE FOLLOWING TUESDAY.
 - FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 9:00 A.M. MONDAY.
 - FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 9:00 A.M. TUESDAY.
 - FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE DAY AFTER INDEPENDENCE DAY. IF INDEPENDENCE DAY IS ON SATURDAY OR SUNDAY, THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
 - FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 9:00 A.M. TUESDAY.
 - FOR THANKSGIVING, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY AND 9:00 A.M. MONDAY.
 - FOR CHRISTMAS, BETWEEN THE HOURS OF 4:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 A.M. THE FOLLOWING MONDAY AFTER THE WEEK OF CHRISTMAS.
 - FOR THE BIENNIAL EVENT AT THE FURNITURE MARKET IN HIGH POINT, BETWEEN THE HOURS OF 7:00 A.M. THE WEEK BEFORE THE EVENT TO 6:00 P.M. THE WEEK FOLLOWING THE EVENT.
 - FOR SPECIAL EVENT, BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY OF THE WEEK OF THE SPECIAL EVENT AND 7:00 A.M. THE FOLLOWING MONDAY AFTER THE WEEK OF THE SPECIAL EVENT.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 40 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.
- 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, ON BOTH SIDES OF AN OPEN TRAVELWAY, WITHIN THE SAME LOCATION, ON A TWO-LANE, TWO-WAY ROAD.

H) DO NOT PERFORM WORK INVOLVING HEAVY EQUIPMENT WITHIN 15 FT (5m) OF THE EDGE OF TRAVELWAY WHEN WORK IS BEING PERFORMED BEHIND A LANE CLOSURE ON THE OPPOSITE SIDE OF THE TRAVELWAY.

I) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION, ON GROOMETOWN RD.

PAVEMENT EDGE DROP OFF REQUIREMENTS

J) 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.

K) DO NOT EXCEED A DIFFERENCE OF 1.5 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF ONCE EVERY MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

M) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 100 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

WHEN NO WORK IS BEING CONDUCTED FOR A PERIOD LONGER THAN ONE WEEK, REMOVE OR COVER ALL ADVANCE WORK ZONE WARNING SIGNS, AS DIRECTED BY THE ENGINEER, AT NO COST TO THE DEPARTMENT.

N) CONTRACTOR WILL BE RESPONSIBLE FOR PERMANENT AND TEMPORARY SIGNING IN ACCORDING WITH THE APPROPRIATE ROADWAY STANDARDS.

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

TRAFFIC CONTROL DEVICES

R) WHEN USING ROADWAY STANDARD NO. 1101.02, (SHEET 1 OF 7) DRUMS MAY BE USED IN LIEU OF CONES ON GROOMETOWN RD.

S) 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.

T) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.

U) PLACE SETS OF THREE DRUMS PERPENDICULAR TO THE EDGE OF THE TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC. THESE DRUMS SHALL BE IN ADDITION TO CHANNELIZING DEVICES.

PAVEMENT MARKINGS AND MARKERS

V) CONTRACTOR INSTALLS PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
1. GROOMETOWN RD.	THERMOPLASTIC	SNOWPLOWABLE
2. ALL -Y- LINES	THERMOPLASTIC	SNOWPLOWABLE

W) CONTRACTOR INSTALLS TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
1. ALL ROADS	PAINT	TEMPORARY RAISED

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

Y) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.

Z) TRACE THE EDGE OF PROPOSED MONOLITHIC ISLANDS WITH THE PROPER COLOR PAVEMENT MARKING PRIOR TO INSTALLATION OF A PROPOSED MONOLITHIC ISLAND.

AA) PLACE AT LEAST TWO APPLICATIONS OF PAINT ON NEW ASPHALT WITH TEMPORARY TRAFFIC PATTERNS WHICH WILL REMAIN IN PLACE OVER THREE (3) MONTHS. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.

TRAFFIC SIGNAL

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

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

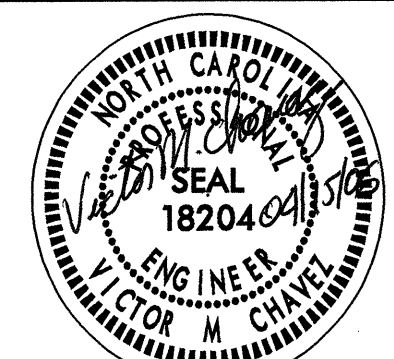
MISCELLANEOUS

DD) POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH INTERSECTIONS.

EE) IN THE EVENT THAT 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) 500 FT (150M) AND 1000 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

FF) COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT NO WATER PONDING WILL OCCUR IN THE TRAVEL LANES.

GG) PLACE DRUMS TO DELINEATE EXISTING AND PROPOSED ISLANDS BEFORE INSTALLATION.

APPROVED: _____ DATE: _____	<h2>PROJECT NOTES</h2>	
		
SCALE:	REVISIONS	
DATE: 01/04		
DWG. BY: DEB		
DESIGN BY: VC		
REVIEWED BY: DC		
	CADD FILE:	

NOTES: RETURN TRAFFIC TO THE EXISTING TRAFFIC PATTERN AT THE END OF EACH WORK DAY UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESS DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

PRIOR TO WEDGING, THE CONTRACTOR SHALL ONLY WIDEN UP TO THE EXIST. PAVEMENT EDGE AND ELEVATION. ONCE WEDGING IS COMPLETE, THE CONTRACTOR SHALL WIDEN UP TO, BUT NOT INCLUDING THE FINAL LAYER.

PHASE I

STEP 1

INSTALL ALL ADVANCE WARNING CONSTRUCTION SIGNS ACCORDING TO RSD 1110.01 AND SHEET TCP-11 IF WORK IS NOT PURSUED WITHIN 3 DAYS OF SIGN INSTALLATION, COVER THE SIGNS OR REMOVE IN A METHOD APPROVED BY THE ENGINEER AT NO EXPENSE TO THE DEPARTMENT.

STEP 2

USING RSD. 1101.02, SHEET 1 OF 7, BEGIN CONSTRUCTION OF GRADING, GUARDRAIL, DRAINAGE, PIPES, AND PAVEMENT UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, AWAY FROM TRAFFIC AT THE FOLLOWING LOCATIONS: (SEE SHEETS TCP-4 THRU TCP-8).

- STA. 10+54.48 +/-, -L-, TO STA. 34+70.00 +/-, -L-, LT. SIDE
-STA. 10+54.48 +/-, -L-, TO STA. 28+80.00 +/-, -L-, RT. SIDE
-STA. 29+00.00 +/-, -L-, TO STA. 38+70.00 +/-, -L-
-STA. 38+90.00 +/-, -L-, TO STA. 54+40.00 +/-, -L-
-STA. 54+60.00 +/-, -L-, TO STA. 65+90.00 +/-, -L-, LT. SIDE
-STA. 54+60.00 +/-, -L-, TO STA. 65+90.00 +/-, -L-, RT. SIDE
-STA. 66+15.00 +/-, -L-, TO STA. 72+57.00 +/-, -L-, LT. SIDE
-STA. 66+15.00 +/-, -L-, TO STA. 72+57.00 +/-, -L-, RT. SIDE
-STA. 9+75.00 +/-, -Y1-, TO STA. 13+87.00 +/-, -Y1-
-STA. 14+22.00 +/-, -Y1-, TO STA. 15+05.00 +/-, -Y1-
-STA. 12+70.00 +/-, -Y3-, TO STA. 13+66.50 +/-, -Y3-

STEP 3

CONSTRUCT WEDGING AND WIDENING USING ROADWAY STANDARD DESIGN

1101.02, SHEET 1 OF 7, UP TO BUT NOT INCLUDING THE FINAL LAYER OF

SURFACE AT THE FOLLOWING LOCATIONS (SEE SHEETS TCP-4 AND TCP-8)

- STA. 10+54.48 +/-, -L-, TO STA. 36+10.00 +/-, -L-
-STA. 55+00.00 +/-, -L-, TO STA. 72+57.94 +/-, -L-
-STA. 10+34.50 +/-, -Y-, TO STA. 12+00.00 +/-, -Y-
-STA. 9+75.00 +/-, -Y1-, TO STA. 12+29.74 +/-, -Y1-
-STA. 10+34.50 +/-, -Y2-, TO STA. 13+00.00 +/-, -Y2-
-STA. 9+75.00 +/-, -Y3-, TO STA. 12+20.00 +/-, -Y3-
-STA. 10+34.50 +/-, -Y4-, TO STA. 12+95.00 +/-, -Y4-
-STA. 14+12.51 +/-, -Y5-, TO STA. 15+87.75 +/-, -Y5-
-STA. 10+39.50 +/-, -Y6-, TO STA. 11+77.91 +/-, -Y6-
-STA. 12+46.91 +/-, -Y6-, TO STA. 13+87.43 +/-, -Y6-

STEP 4

COMPLETE ALL CONSTRUCTION OF WORK BEGUN IN PHASE I, STEP 1 THRU 3

STEP 5

USING RSD 1101.02, SHEET 7, PLACE TEMPORARY MARKINGS AND MARKERS ON -L-, -Y-, -Y1-, -Y2-, -Y3-, -Y4-, -Y5-, AND -Y6-

USING RSD 1101.02, SHEET 7, SHIFT EXISTING TRAFFIC ON SR 1129 (GROOMETOWN ROAD) TO NEW TRAFFIC LANES TWO-LANE, TWO WAY TRAFFIC AS SHOWN ON SHEETS TCP-8 THRU TCP-11.

STEP 6

ADJUST EXISTING SIGNAL AT -L- AND SR 1383. (SEE SIGNAL PLANS)
INSTALL TEMPORARY SIGNAL AT -L- AND -Y2-/-Y1-. (SEE SIGNAL PLANS)
ADJUST EXISTING SIGNAL AT -L- AND -Y6-. (SEE SIGNAL PLANS)

PHASE II

THE CONTRACTOR SHALL WORK IN CONTINUOUS MANNER TO COMPLETE THE WORK REQUIRED IN PHASE II, STEP 1 THROUGH 4. FROM 6:00 P.M. FRIDAY TO 7:00 A.M. MONDAY (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1

USING RSD 1101.02, SHEET 1 OF 7, PLACE TEMPORARY MARKINGS (PAINT) ON -Y1- FROM STA. 9+75 +/-, -Y1- TO STA. 15+05 +/-, -Y1- AS SHOWN ON TCP-9.

STEP 2

CLOSE EXISTING AND SHIFT TRAFFIC FROM EXIST. ROSE LAKE DRIVE LANES IN A TWO-LANE, TWO-WAY TRAFFIC PATTERN ON NEW RELOCATED ROSE LAKE DRIVE (-Y1-). (SEE TCP-9 & 10)

NOTE: MAINTAIN ACCESS TO THE WATER TOWER AT ALL TIMES.

STEP 3

USING RSD 1101.02, SHEET 1 OF 7, PLACE TEMPORARY MARKINGS (PAINT) ON -Y3- FROM STA. 9+75 +/-, -Y3- TO STA. 13+66 +/-, -Y3- AS SHOWN ON TCP-9.

STEP 4

CLOSE EXISTING GROOMETOWN ROAD AND PLACE EXISTING TRAFFIC ON NEW RELOCATED AUBURN HILLS DRIVE IN A TWO-LANE, TWO-WAY TRAFFIC PATTERN. (SEE TCP-9 & 10)

NOTE: MAINTAIN ACCESS TO THE WATER TOWER AT ALL TIMES.

STEP 5

USING ROADWAY STANDARD. 1101.02, SHEET 1 OF 7, CONSTRUCT WEDGING AND WIDENING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING LOCATIONS: (SEE SHEETS TCP-8 THRU TCP-12.)

- STA. 45+29.00 +/- -L- TO STA. 55+00.00 +/- -L-, LT SIDE
-STA. 13+87.00 +/- -Y1- TO STA. 14+22.00 +/- -Y1- (INCLUDING CURB & GUTTER),
-STA. 12+20.00 +/- -Y3- TO STA. 12+70.00 +/- -Y3- (INCLUDING CURB & GUTTER AND DRIVEWAY ENTRANCE)

REMOVE EXIST. PAVEMENT ON ROSE LAKE DR, -Y- (SR 1388), AND GROOMETOWN RD, -L-. SEE SHEET TCP-9.

STEP 6

USING ROADWAY STANDARD. 1101.02, SHEET 1 OF 7, CONSTRUCT RAISED MEDIAN ISLAND AT THE FOLLOWING LOCATIONS: (SEE SHEETS TCP-8 THRU TCP-12.)

- STA. 13+97.12 -L- TO STA. 18+58.00 -L-
-STA. 21+42.00 -L- TO STA. 27+42.59 -L-
-STA. 31+82.69 -L- TO STA. 34+95.68 -L-
-STA. 42+60.00 -L- TO STA. 48+50.20 -L-
-STA. 56+44.81 -L- TO STA. 59+87.13 -L-
-STA. 70+90.00 -L- TO STA. 72+57.94 -L-

STEP 7

USING ROADWAY STANDARD. 1101.03, SHEET 8 OF 9, PLACE FINAL LAYER OF SURFACE COURSE AT EACH CONCRETE ISLAND FOOTPRINT. CONSTRUCT 5" CONCRETE MONOLITHIC ISLANDS AT THE FOLLOWING LOCATIONS: (SEE SHEETS TCP-8 THRU TCP-12)

- STA. 10+75.12 +/- -L- TO STA. 13+97.12 +/- -L-, CONC. ISLAND
-STA. 18+58.00 +/- -L- TO STA. 21+42.00 +/- -L-, CONC. ISLAND
-STA. 27+42.59 +/- -L- TO STA. 28+42.59 +/- -L-, CONC. ISLAND
-STA. 29+47.89 +/- -L- TO STA. 31+82.69 +/- -L-, CONC. ISLAND
-STA. 34+95.68 +/- -L- TO STA. 38+25.68 +/- -L-, CONC. ISLAND
-STA. 39+30.00 +/- -L- TO STA. 42+60.00 +/- -L-, CONC. ISLAND
-STA. 48+50.20 +/- -L- TO STA. 54+10.85 +/- -L-, CONC. ISLAND
-STA. 54+94.81 +/- -L- TO STA. 56+44.81 +/- -L-, CONC. ISLAND
-STA. 59+87.13 +/- -L- TO STA. 65+65.00 +/- -L-, CONC. ISLAND
-STA. 66+65.00 +/- -L- TO STA. 70+90.00 +/- -L-, CONC. ISLAND



PLANS PREPARED BY: PARSONS TRANSPORTATION GROUP Engineers and Planners CARY, NORTH CAROLINA

Table with 2 columns: PROJ. REFERENCE NO. (U-3313), SHEET NO. (TCP-3)

PHASE III

STEP 1

USING RSD. 1101.02, SHEET 1 OF 7, PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) FROM STA 42+00 +/- TO STA 55+00 +/-, -L- LINE, LT SIDE AS SHOWN ON SHEETS TCP-14 AND TCP-15.

USING RSD 1101.02, SHEET 1 OF 7, SHIFT TRAFFIC ON SR 1129 (GROOMETOWN RD) TO NEW OUTSIDE LANES IN A ONE-WAY TRAFFIC PATTERN FROM STA. 42+00.00 +/- TO STA. 55+00.00 +/-, -L-, LINE, LT SIDE. (SEE SHEETS TCP-14 AND TCP-15)

STEP 2

USING RSD 1101.02, SHEET 1 OF 7, CONSTRUCT RAISED MEDIAN ISLAND FROM STA. 41+50 +/- TO STA 43+31.21 +/-, -L-. SEE TCP-14

USING RSD 1101.02, SHEET 1 OF 7, CONSTRUCT CONCRETE TRAFFIC ISLAND AT -Y1-, -Y2, AND -Y6-. SEE TCP-14 & TCP-15, AND PM-3 & PM-4.

INSTALL PERMANENT SIGNALS AT -L-/ SR 1383, -L-/-Y1-&-Y2-, AND -L-/-Y6-, AND COVER THEM. (SEE SIGNAL PLANS)

PHASE IV

STEP 1

USING ROADWAY STANDARD DESIGN 1101.02, SHEETS 1 & 3 OF 7, PLACE FINAL LAYER OF SURFACE COURSE, FINAL PAVEMENT MARKING, AND PAVEMENT MARKERS IN THE FINAL PATTERN ON SR 1129 AND ALL -Y- LINES. (SEE SHEET TCP-12 AND SHEETS PM-1 THRU PM-6.)

ACTIVATE PROPOSED SIGNALS AT -L-/SR 1383, -L-/-Y1-&-Y2-, AND -L-/-Y6-. (SEE SIGNAL PLANS).

OPEN TRAFFIC TO FINAL PATTERN

STEP 2

REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

APPROVED: [Signature] DATE: 8/23/95
CONSTRUCTION PHASING
SCALE:
DATE: 08/05
DWG. BY: DEB
DESIGN BY: VC
REVIEWED BY: DG
SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18204 VICTOR M. CHAIKIN

8/17/09

17-APR-2009 09:51 AM \\TCF\apps\enr\TCF\enr\I\CP\U3313.RDY:TCP04.DGN

WILEY DAVIS RD.

10+00

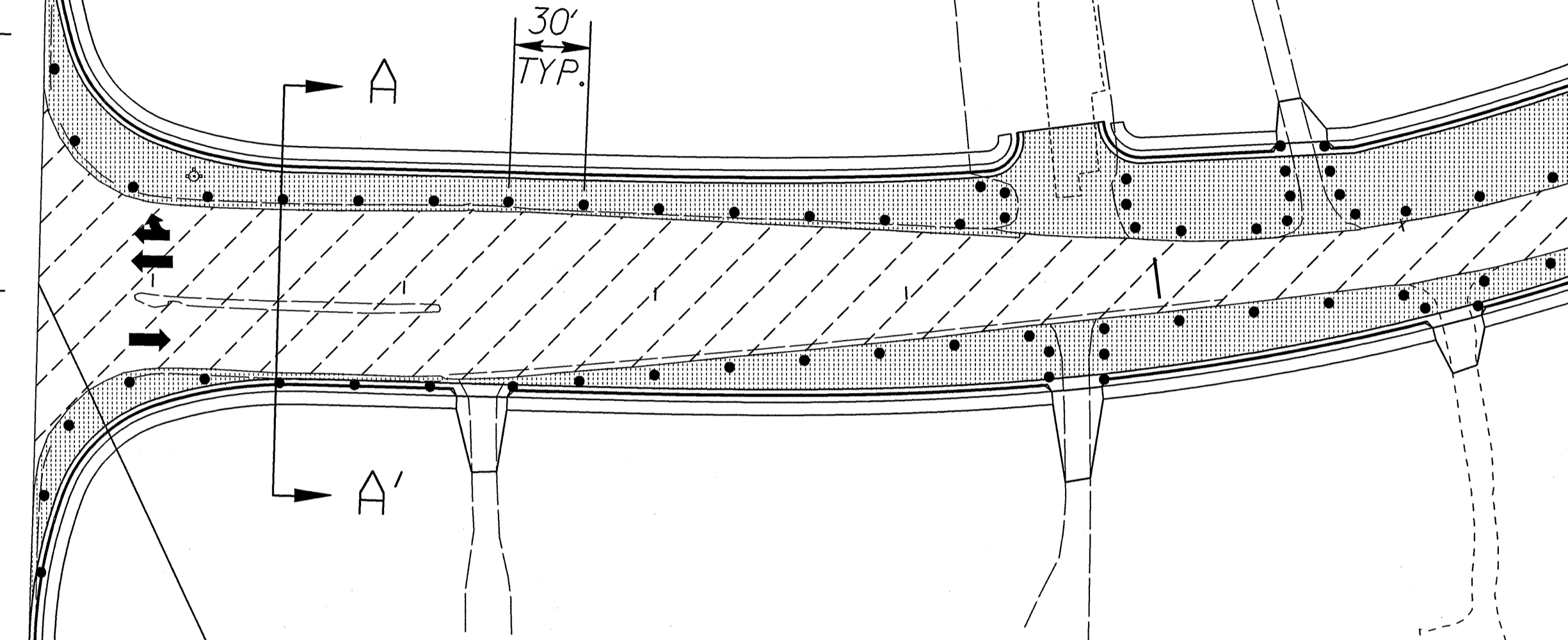
15+00



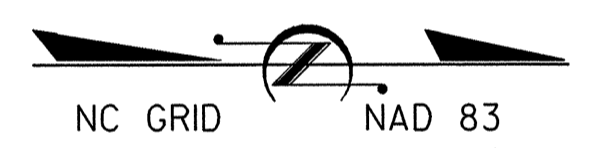
MATCHLINE STA. 21+00 -L-

PLANS PREPARED BY:
PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-4



Sta. 10+54.48 -L-
BEGIN STATE PROJECT U-3313
BEGIN PROP. CONSTRUCTION
BEGIN PROP. WEDGING
AND WIDENING

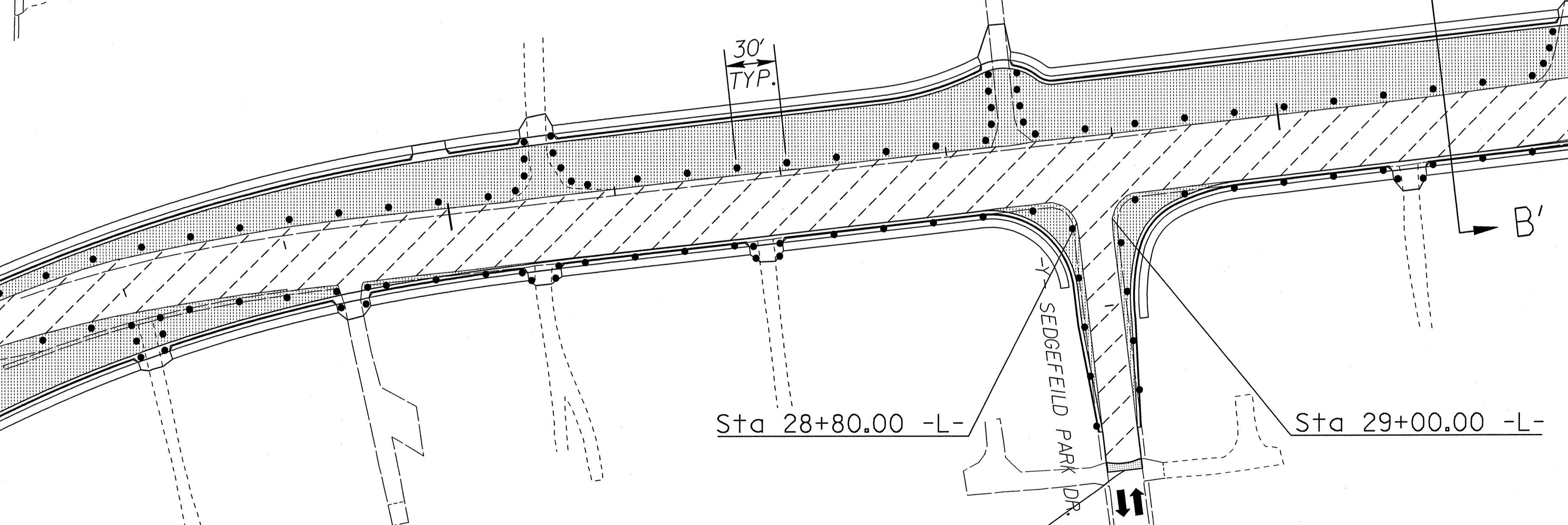


30+00

Sta 34+70.00 -L-

MATCHLINE STA. 21+00 -L-

MATCHLINE STA. 35+00 -L-



Sta 28+80.00 -L-

Sta 29+00.00 -L-

LEGEND	
	PROP. CONSTR.
	PROP. WEDGING/WIDENING

Sta 12+00.00 -Y-
END PROP. CONSTRUCTION
END PROP. WEDGING
AND WIDENING

APPROVED: _____ DATE: _____

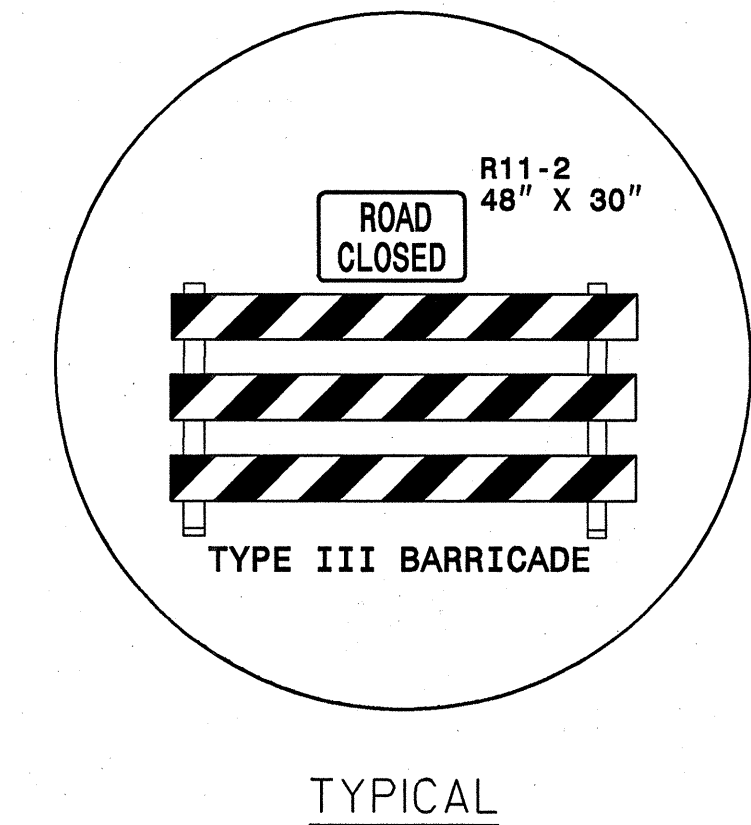
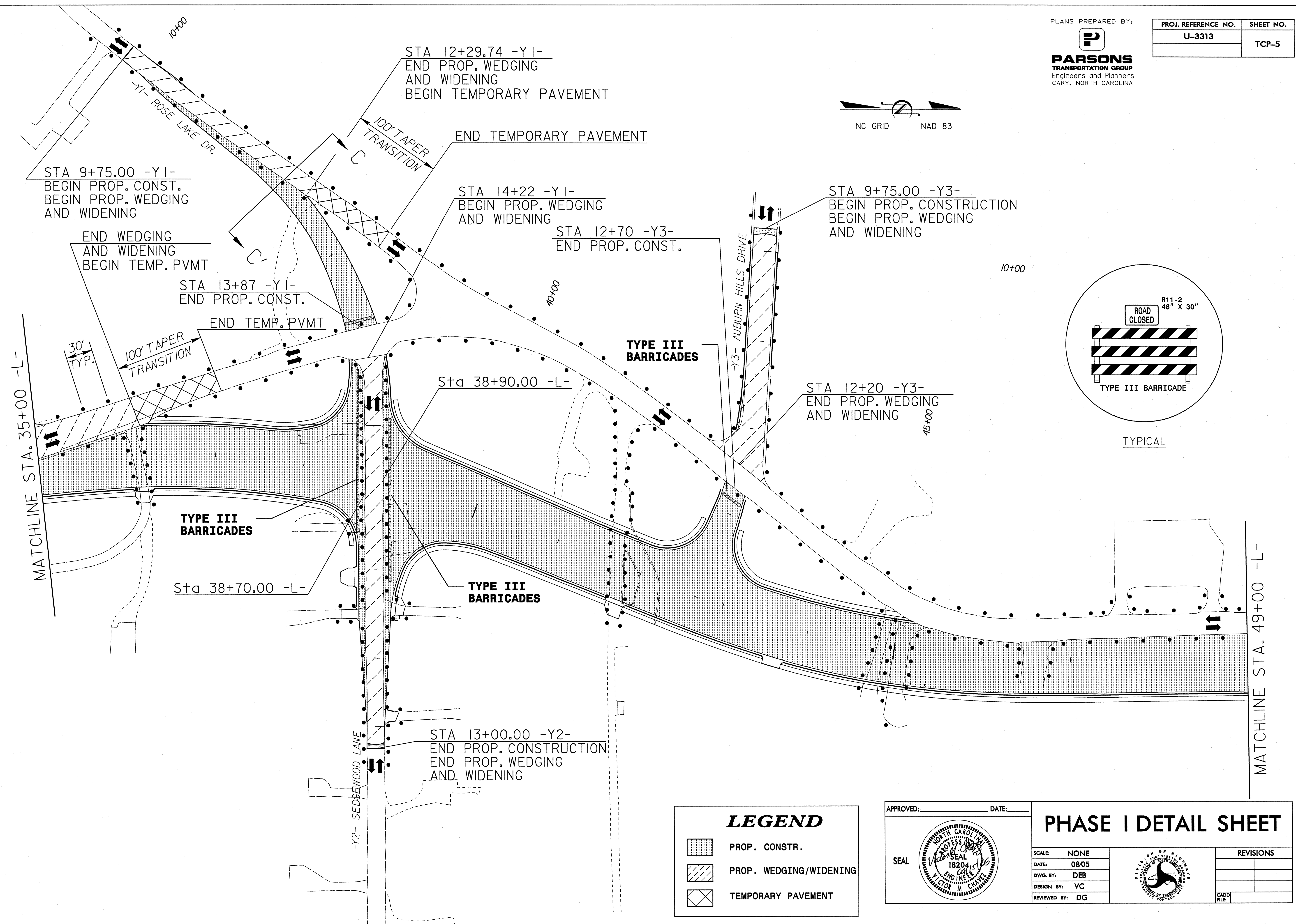
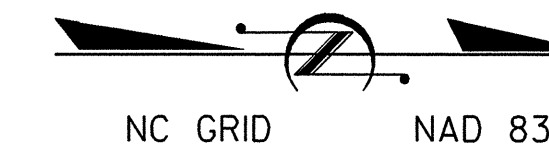
SEAL

PHASE I DETAIL SHEET

SCALE: NONE		REVISIONS
DATE: 08/05		
DWG. BY: DEB		
DESIGN BY: VC		
REVIEWED BY: DG		CADD FILE:



PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-5



LEGEND

	PROP. CONSTR.
	PROP. WEDGING/WIDENING
	TEMPORARY PAVEMENT

APPROVED: _____ DATE: _____

SEAL

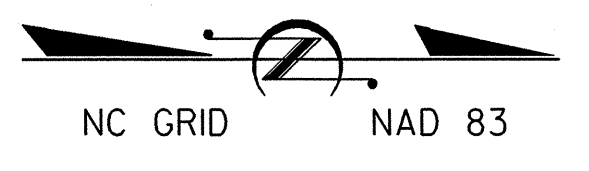
PHASE I DETAIL SHEET

SCALE: NONE
DATE: 08/05
DWG. BY: DEB
DESIGN BY: VC
REVIEWED BY: DG

REVISIONS

CADD FILE: _____

8/17/2013



STA 14+12.51 -Y5-
BEGIN PROP. CONSTRUCTION
BEGIN PROP. WEDGING
AND WIDENING

PLANS PREPARED BY:
PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO. U-3313	SHEET NO. TCP-6
-------------------------------	--------------------

MATCHLINE STA. 49+00 -L-

MATCHLINE STA. 63+00 -L-

50+00
30'
TYP.

BEGIN PROP. WEDGING
AND WIDENING -Y4-

STA 55+00.00
BEGIN PROP. WEDGING
AND WIDENING

Sta 59+60.00 -L-

15+00
**TYPE III
BARRICADES**

**TYPE III
BARRICADES**

**TYPE III
BARRICADES**

**TYPE III
BARRICADES**

**TYPE III
BARRICADES**

**TYPE III
BARRICADES**

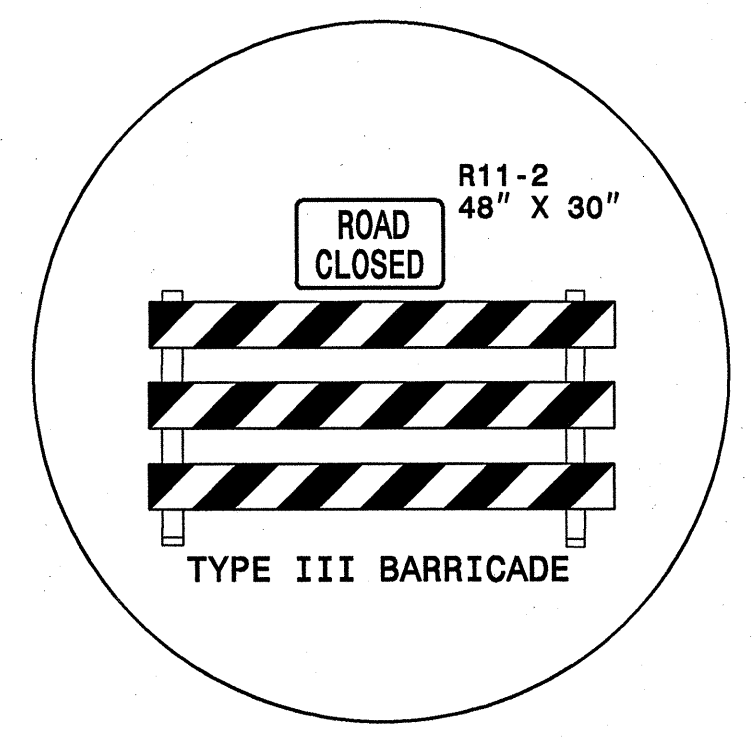
**TYPE III
BARRICADES**

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Sta 54+60.00 -L-

Sta 59+84.00 -L-

STA 12+95.00 -Y4-
END PROP. CONSTRUCTION
END PROP. WEDGING
AND WIDENING



TYPICAL



MATCHLINE STA. 63+00 -L-

Sta 65+95.00 -L-

STA 10+39.59 -Y6-
BEGIN PROP. WEDGING
AND WIDENING

Sta 96+33.00 -L-

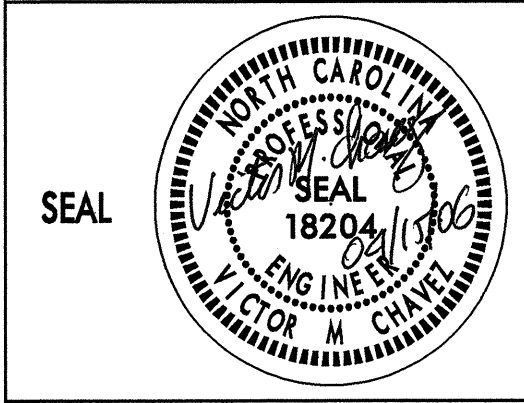
30'
TYP.

END STATE PROJECT U-3313
STA 72+57.94 -L-
END CONSTRUCTION
END PROP. WEDGING
AND WIDENING

LEGEND

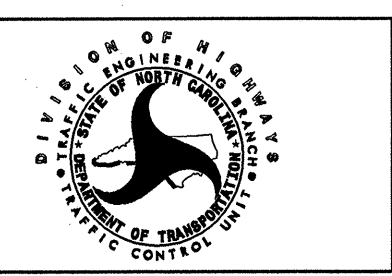
	PROP. CONSTR.
	PROP. WEDGING/WIDENING

APPROVED: _____ DATE: _____



PHASE I DETAIL SHEET

SCALE: NONE
DATE: 08/05
DWG. BY: DEB
DESIGN BY: VC
REVIEWED BY: DG

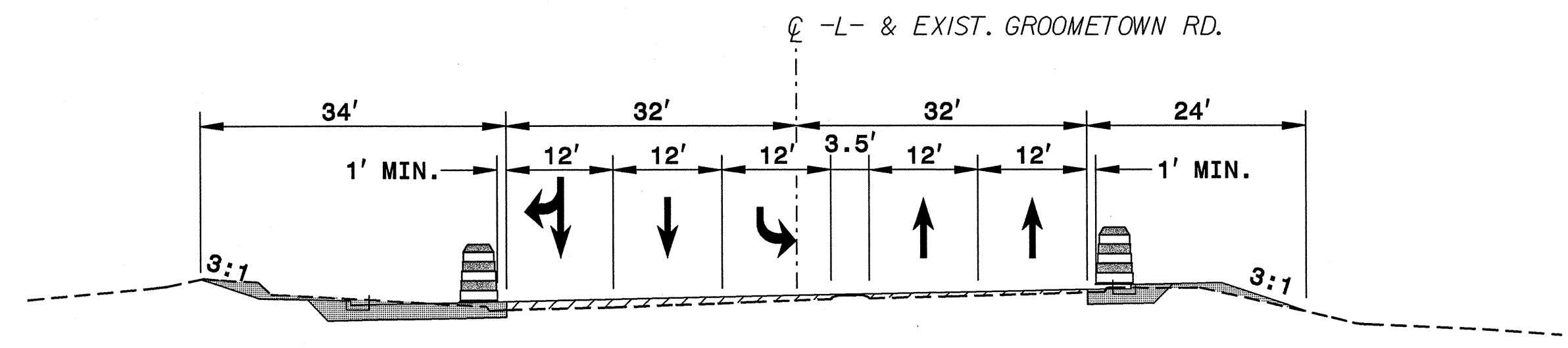


REVISIONS	

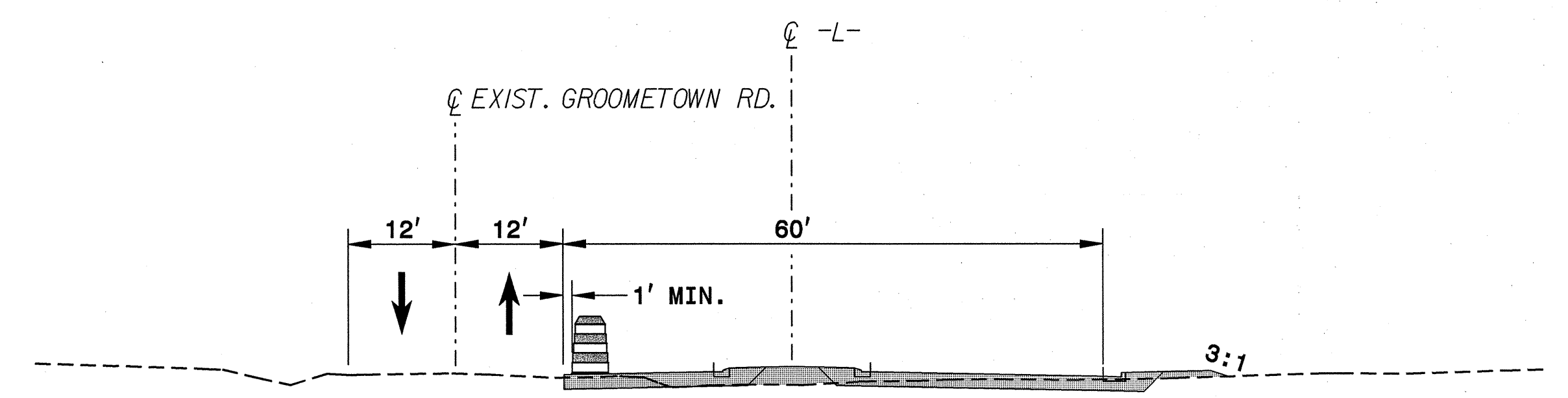
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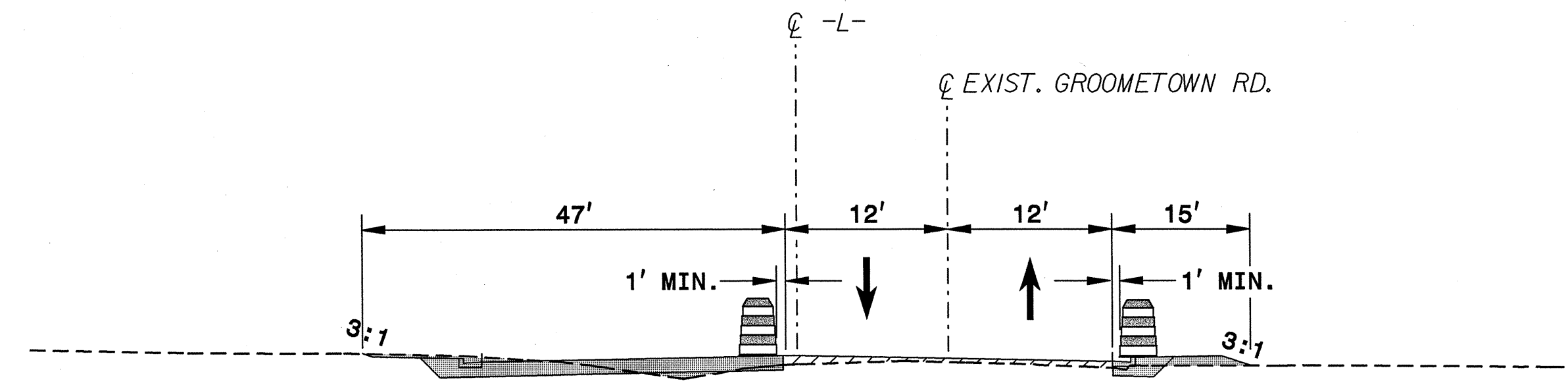
PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-7



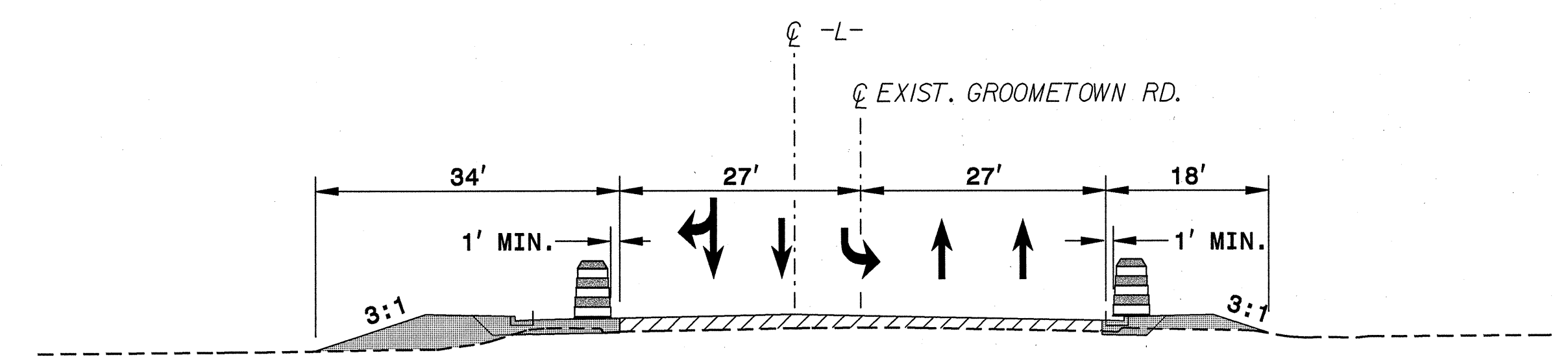
SECTION A-A'
STA. 11+50 -L-



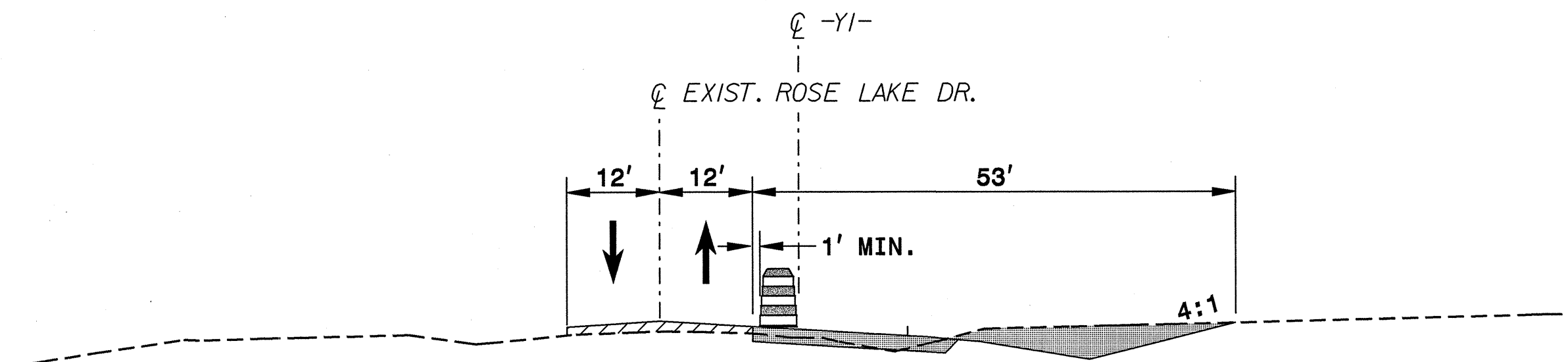
SECTION D-D'
STA. 51+00 -L-



SECTION B-B'
STA. 31+00 -L-



SECTION E-E'
STA. 69+00 -L-



SECTION C-C'
STA. 12+00 -Y1-

LEGEND

PROP. CONSTRUCTION

PROP. WEDGING

APPROVED:	DATE:	PHASE I SECTION VIEWS	
SCALE: NONE	DATE: 0805		REVISIONS
DWG. BY: DEB	DESIGN BY: VC		
REVIEWED BY: DG			

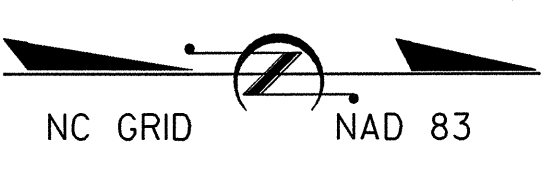
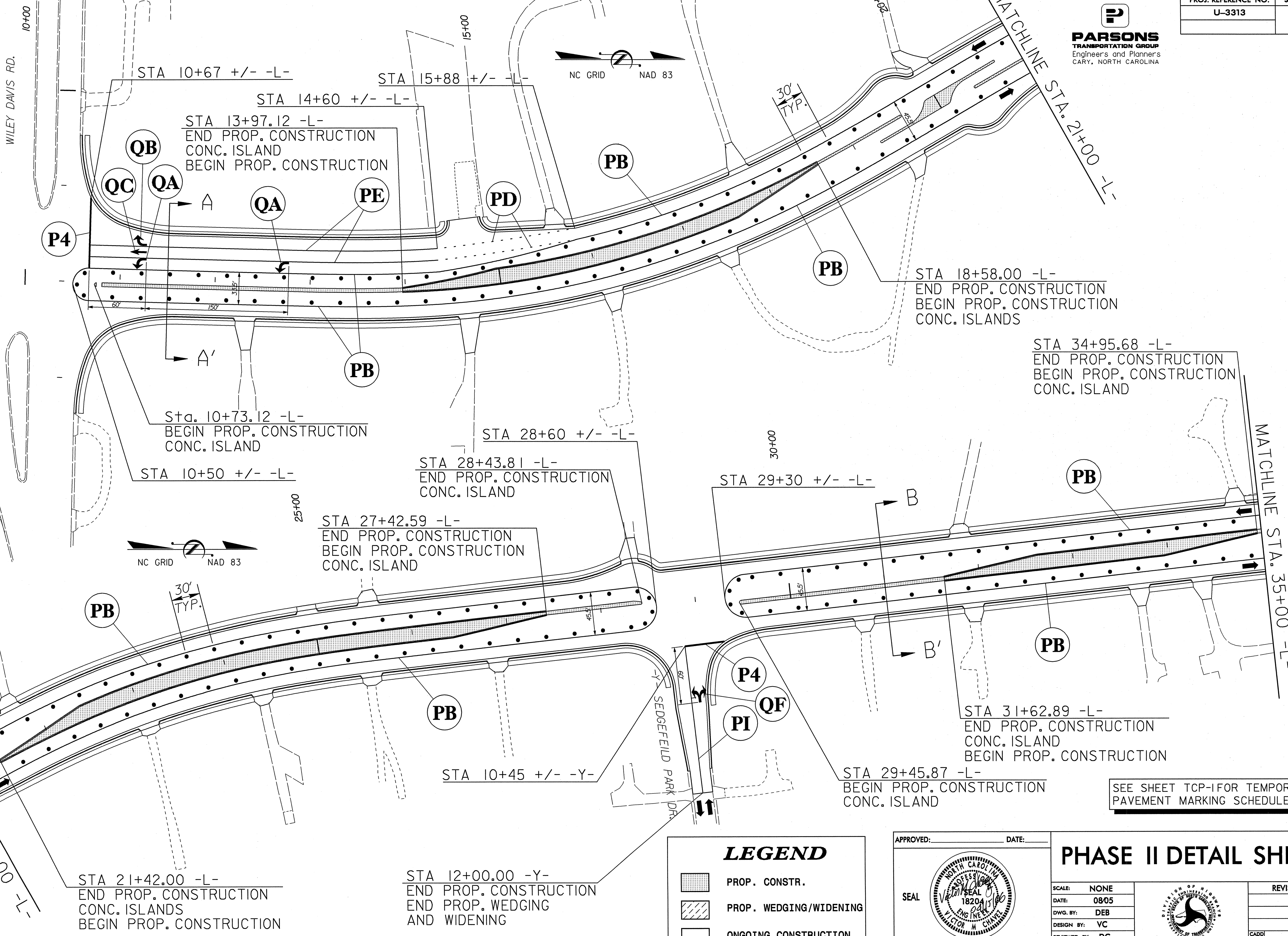
8/17/99

PLANS PREPARED BY:



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TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

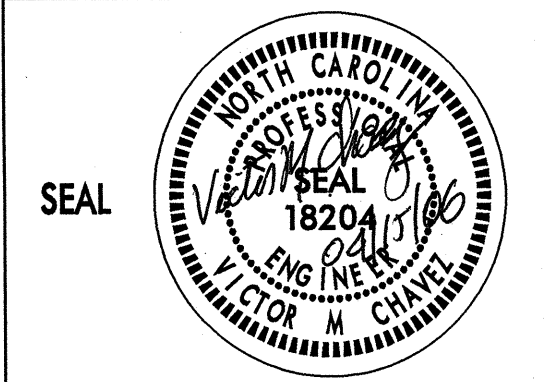
PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-8



LEGEND

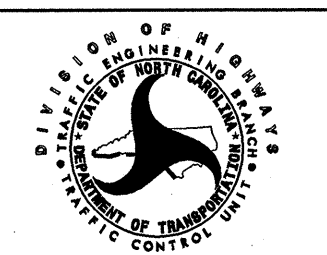
	PROP. CONSTR.
	PROP. WEDGING/WIDENING
	ONGOING CONSTRUCTION

APPROVED: _____ DATE: _____



PHASE II DETAIL SHEET

SCALE:	NONE
DATE:	08/05
DWG. BY:	DEB
DESIGN BY:	VC
REVIEWED BY:	DG



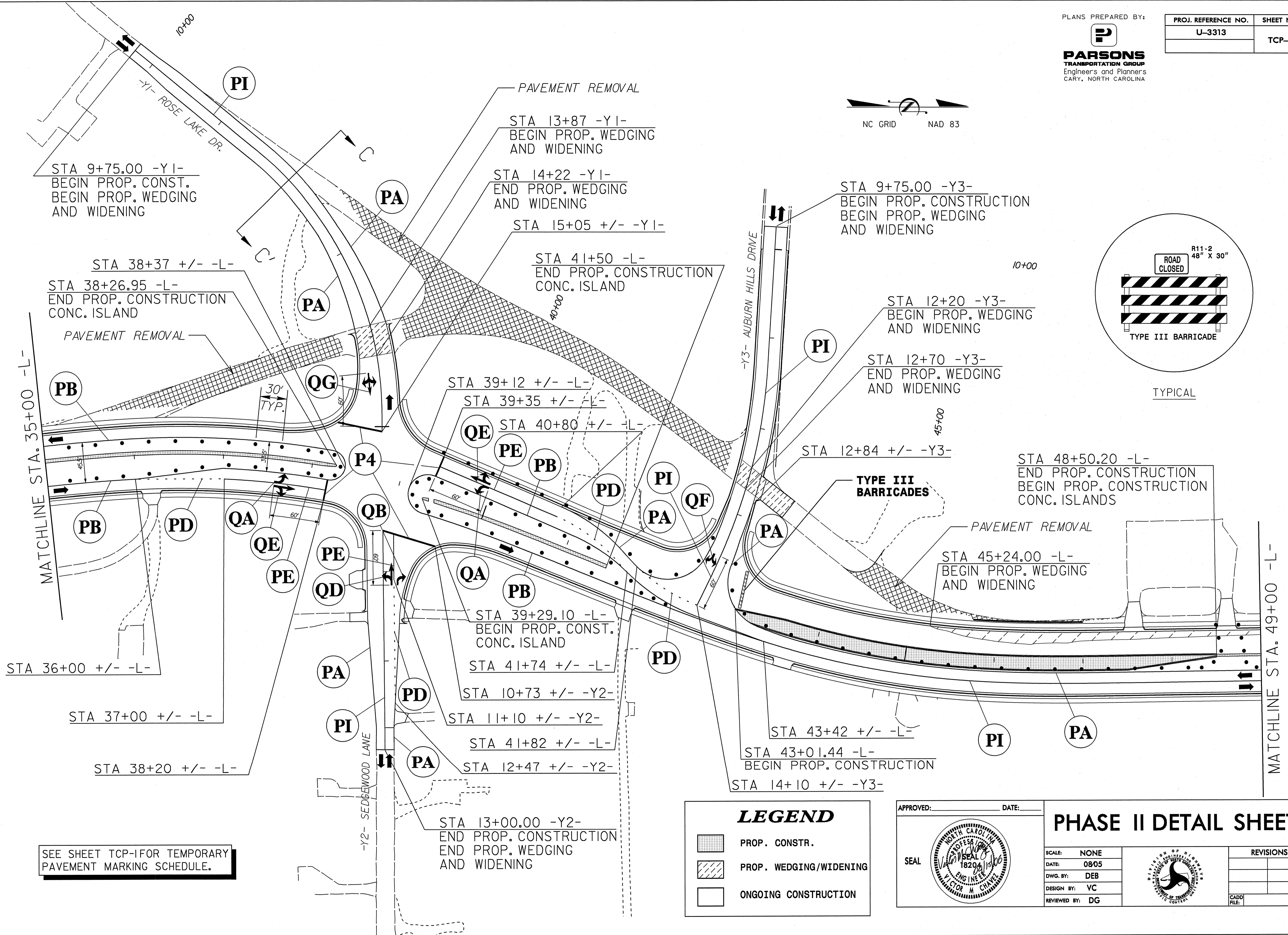
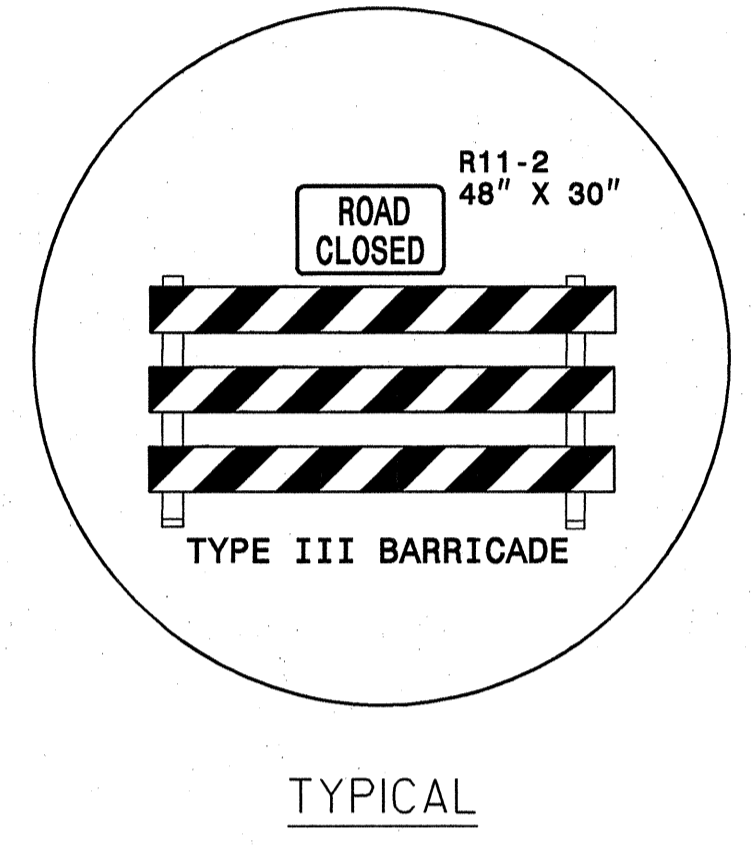
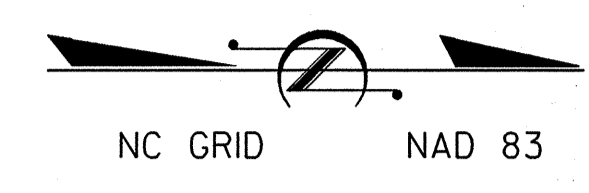
REVISIONS	
CADD FILE:	

SEE SHEET TCP-1 FOR TEMPORARY PAVEMENT MARKING SCHEDULE.

17-APR-2006 10:45 AM \\s01pc66\cort\ra\1\TCP\U3313.RD\1\TCP\8.DGN

8/17/05

PROJ. REFERENCE NO. U-3313	SHEET NO. TCP-9
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SEE SHEET TCP-IFOR TEMPORARY PAVEMENT MARKING SCHEDULE.

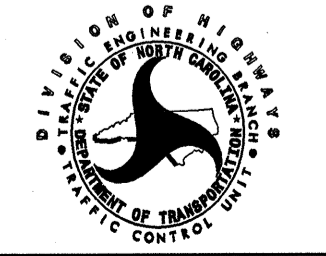
LEGEND

	PROP. CONSTR.
	PROP. WEDGING/WIDENING
	ONGOING CONSTRUCTION

APPROVED: _____ DATE: _____

SEAL

PHASE II DETAIL SHEET

SCALE: NONE		REVISIONS
DATE: 08/05		
DWG. BY: DEB		
DESIGN BY: VC		
REVIEWED BY: DG		

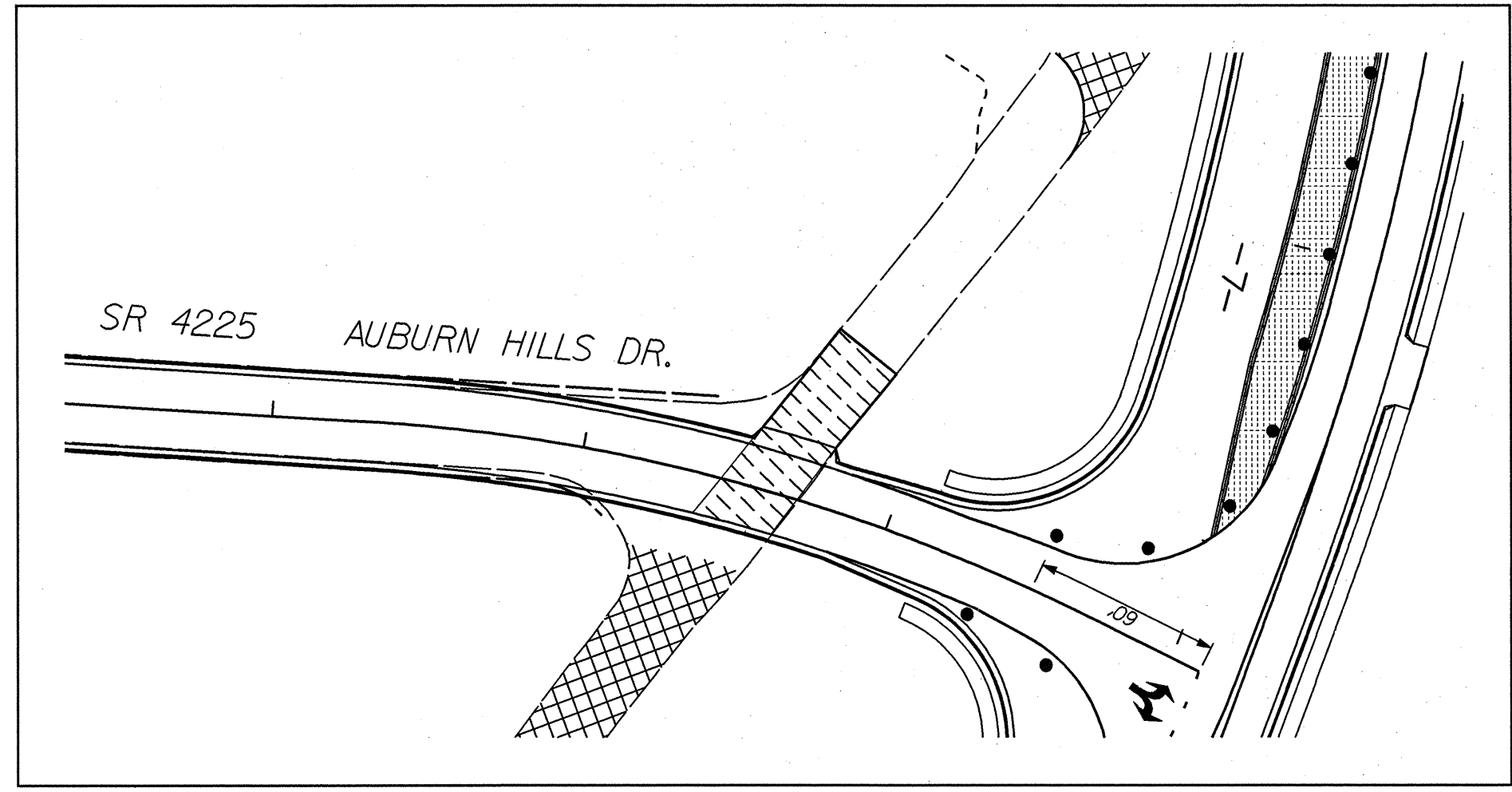
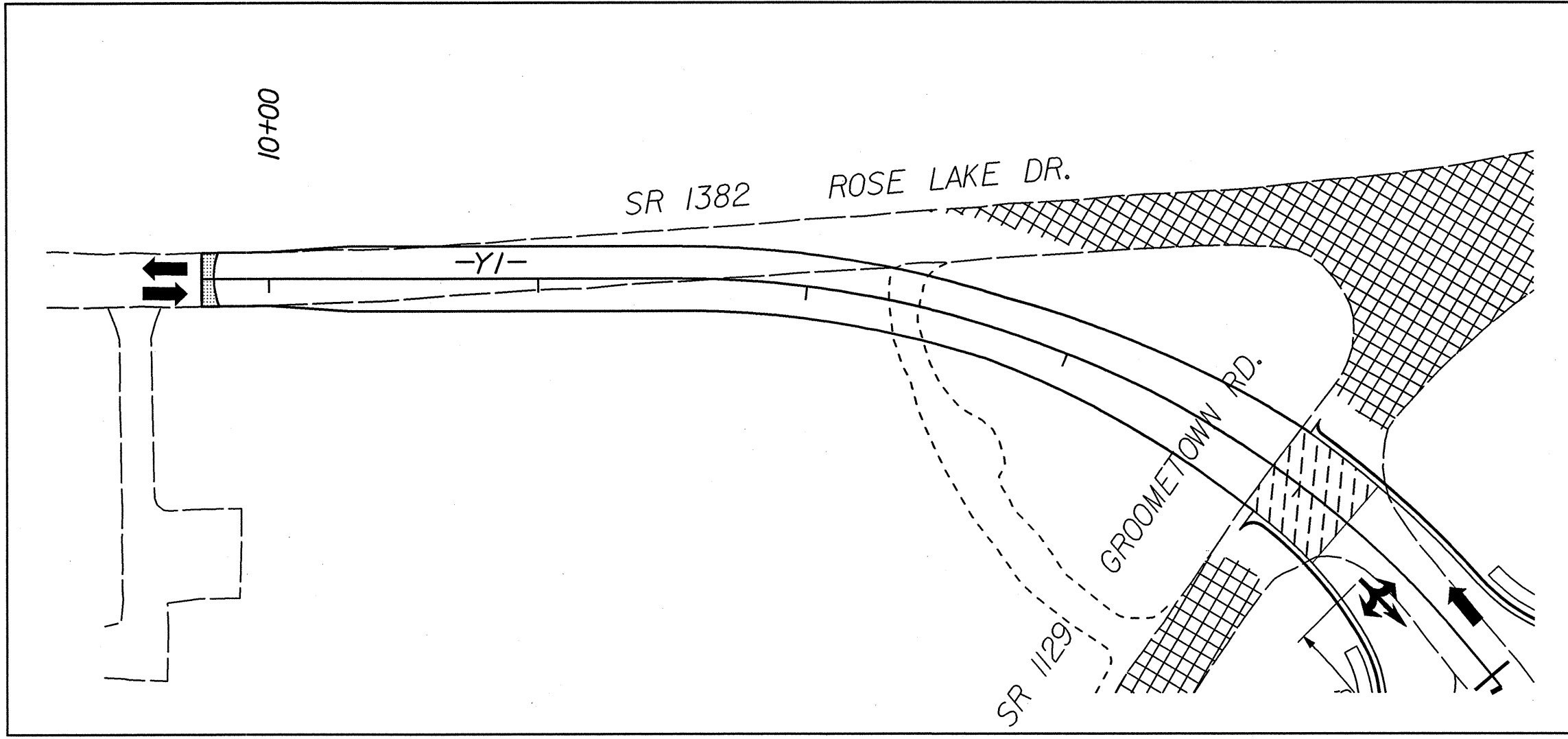
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TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-10



LEGEND

	PROP. CONSTR.
	PROP. WEDGING/WIDENING

APPROVED: _____ DATE: _____

SEAL

PHASE II DETAIL SHEET

SCALE: NONE		REVISIONS	
DATE: 08/05			
DWG. BY: DEB			
DESIGN BY: VC			
REVIEWED BY: DG			CADD FILE:

8/17/99

PLANS PREPARED BY:

PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-11

PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

NC GRID NAD 83

STA 14+12.51 -Y5-
BEGIN PROP. CONSTRUCTION
BEGIN PROP. WEDGING
AND WIDENING

STA 54+93.58 -L-
BEGIN PROP. CONSTRUCTION
CONC. ISLAND

STA 55+00.00
END PROP. WEDGING
AND WIDENING

STA 57+20 +/- -L-

STA 15+78 +/- -Y5-

STA 54+12.10 -L-
END PROP. CONSTRUCTION
CONC. ISLANDS

TYPE III BARRICADES

STA 54+41 +/- -L-

STA 54+63 +/- -L-

MATCHLINE STA. 49+00 -L-

MATCHLINE STA. 63+00 -L-

SEE SHEET TCP-1 FOR TEMPORARY PAVEMENT MARKING SCHEDULE.

STA 65+77 +/- -L-
STA 65+65.96 -L-
END PROP. CONSTRUCTION
CONC. ISLAND

STA 10+39.59 -Y6-
BEGIN PROP. WEDGING
AND WIDENING

STA 12+95.00 -Y4-
END PROP. CONSTRUCTION
END PROP. WEDGING
AND WIDENING

STA 56+44.81 -L-
END PROP. CONSTRUCTION
CONC. ISLAND
BEGIN PROP. CONSTRUCTION

STA 59+87.13 -L-
END PROP. CONSTRUCTION
BEGIN PROP. CONSTRUCTION
CONC. ISLAND

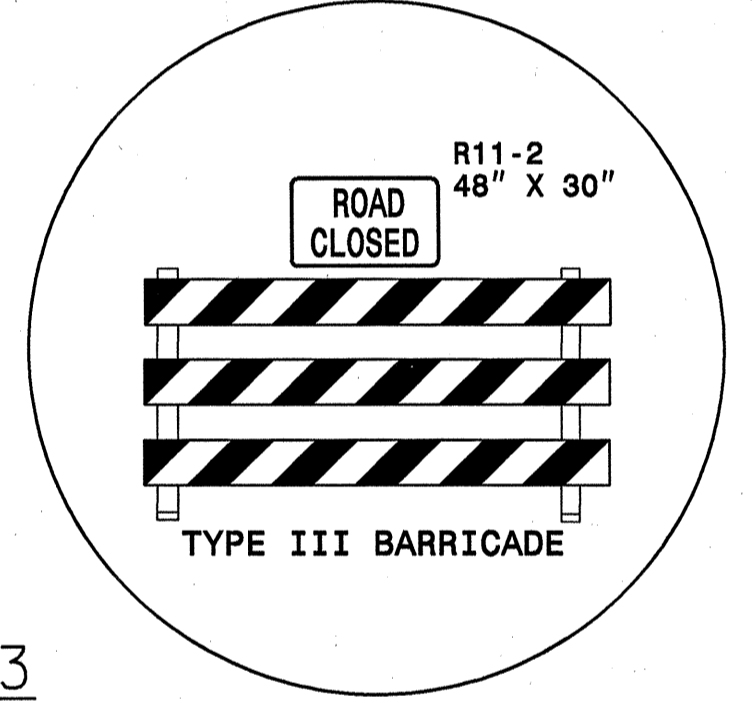
STA 52+80 +/- -L-

STA 54+28 +/- -L-

STA 10+87 +/- -Y4-

STA 10+45 +/- -Y4-

END STATE PROJECT U-3313
STA 72+57.94 -L-



NC GRID NAD 83

STA 11+61 +/- -Y6-

STA 66+65 +/- -L-

STA 68+00 +/- -L-

STA 69+00 +/- -L-

245' TAPER

MATCHLINE STA. 63+00 -L-

STA 65+60 +/- -L-
STA 13+87.42 -Y6-
END PROP. WEDGING
AND WIDENING
STA 64+00 +/- -L-

STA 12+65 +/- -Y6-
STA 66+63.00 -L-
BEGIN PROP. CONSTRUCTION
CONC. ISLAND
STA 66+51 +/- -L-

STA 70+90.00 -L-
END PROP. CONSTRUCTION
CONC. ISLAND

LEGEND

	PROP. CONSTR.
	PROP. WEDGING/WIDENING
	ONGOING CONSTRUCTION

APPROVED: _____ DATE: _____

SEAL

PHASE II DETAIL SHEET

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REVISIONS										
DATE: 0805										
DESIGN BY: VC										
REVIEWED BY: DG										

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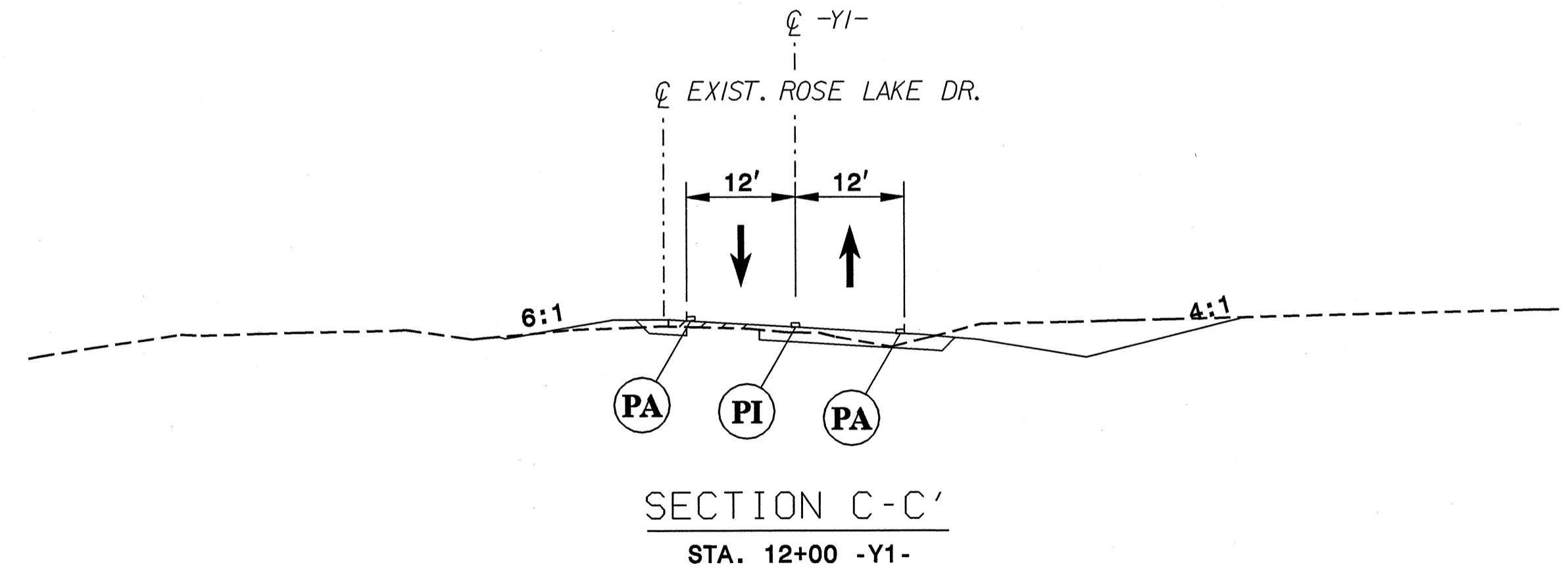
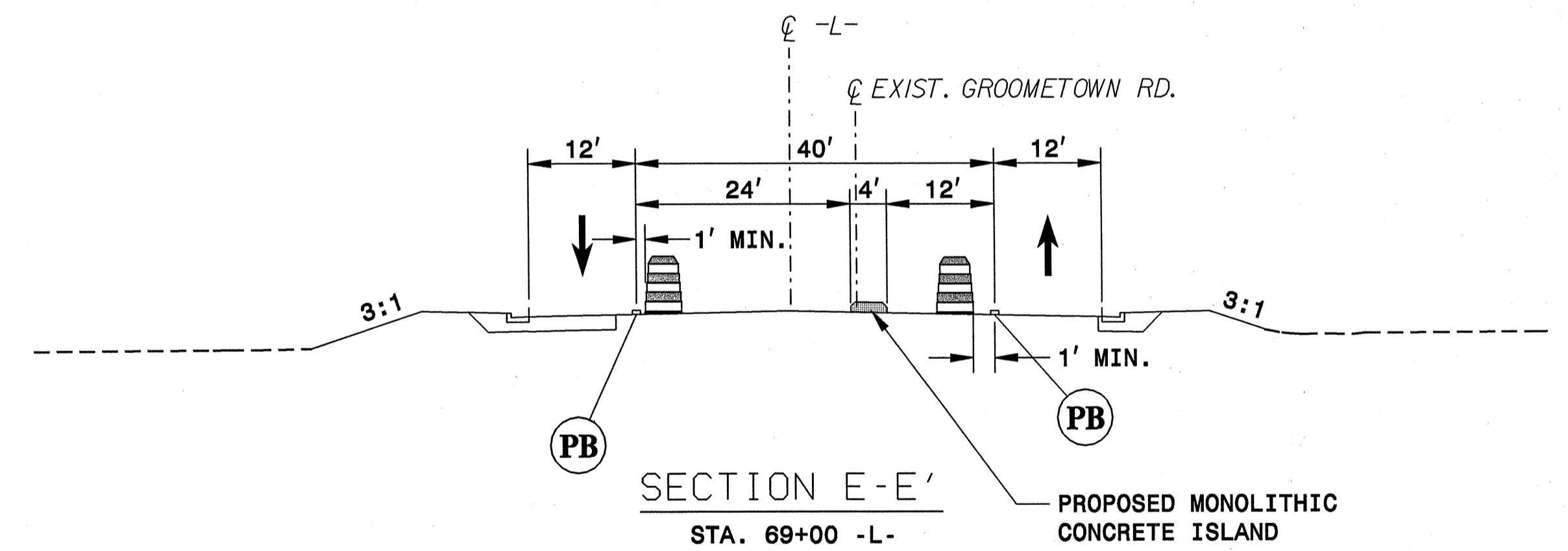
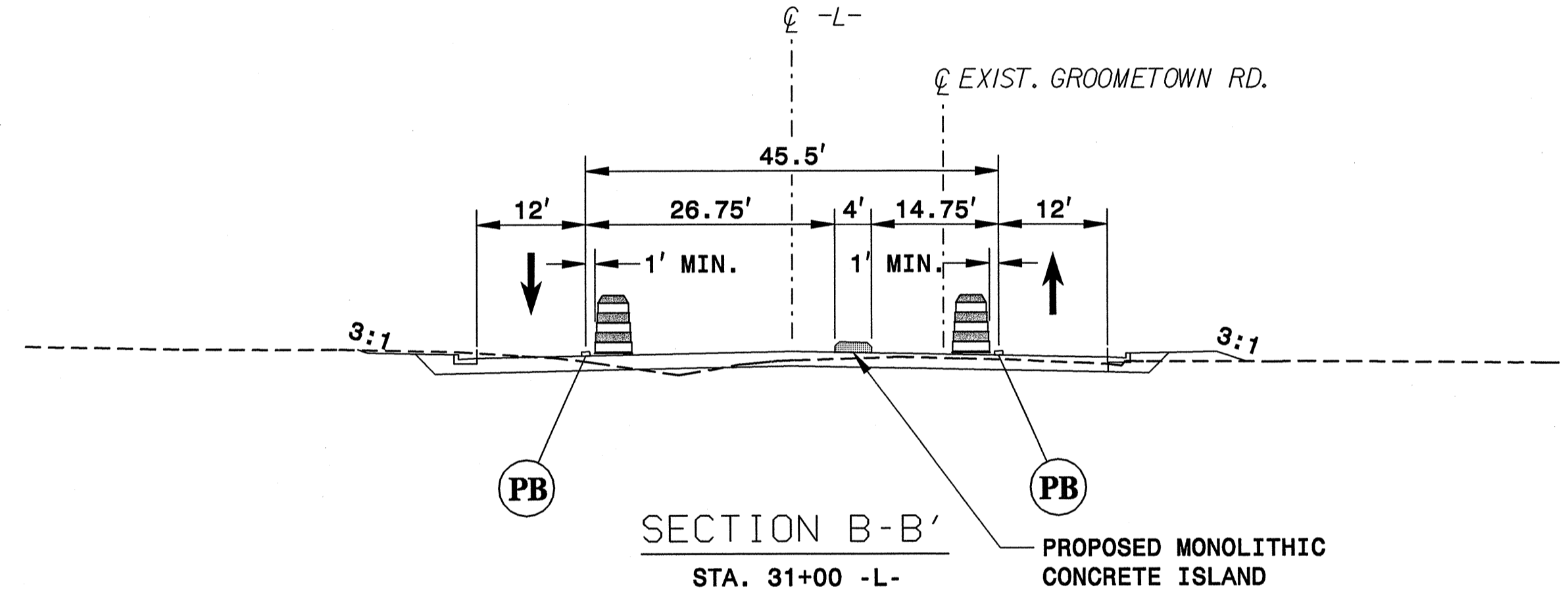
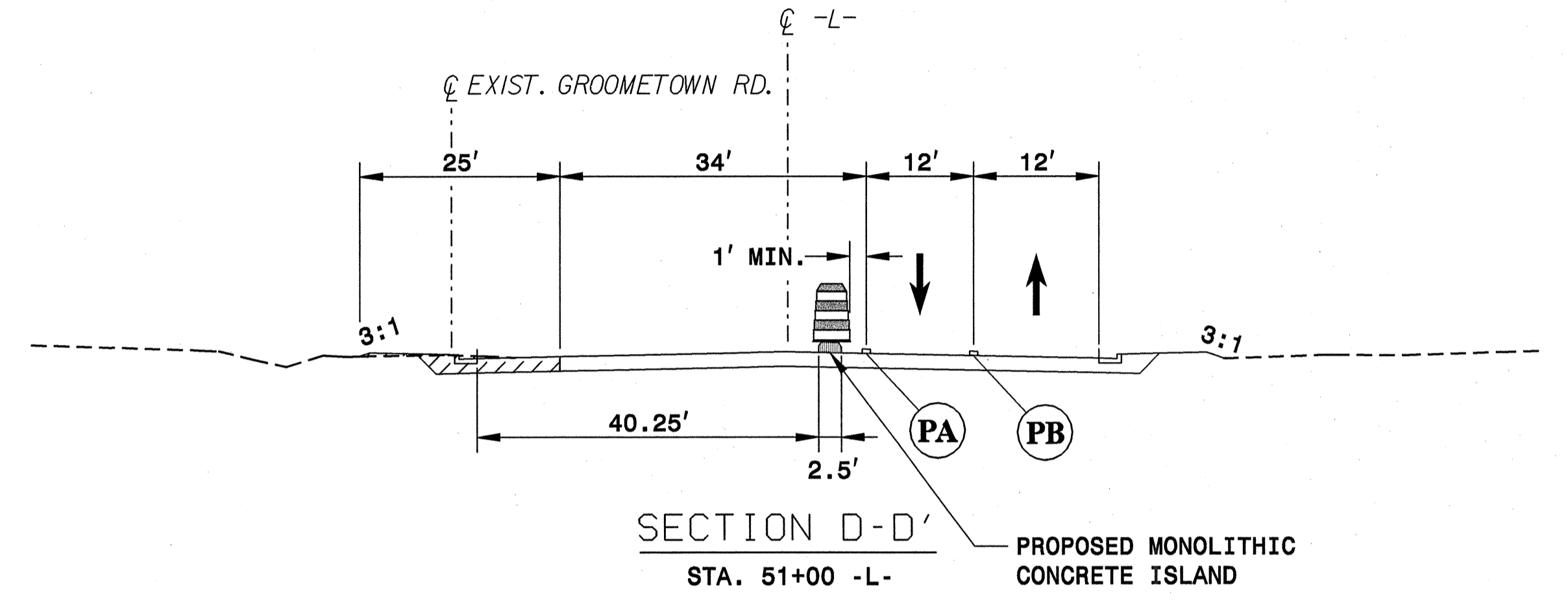
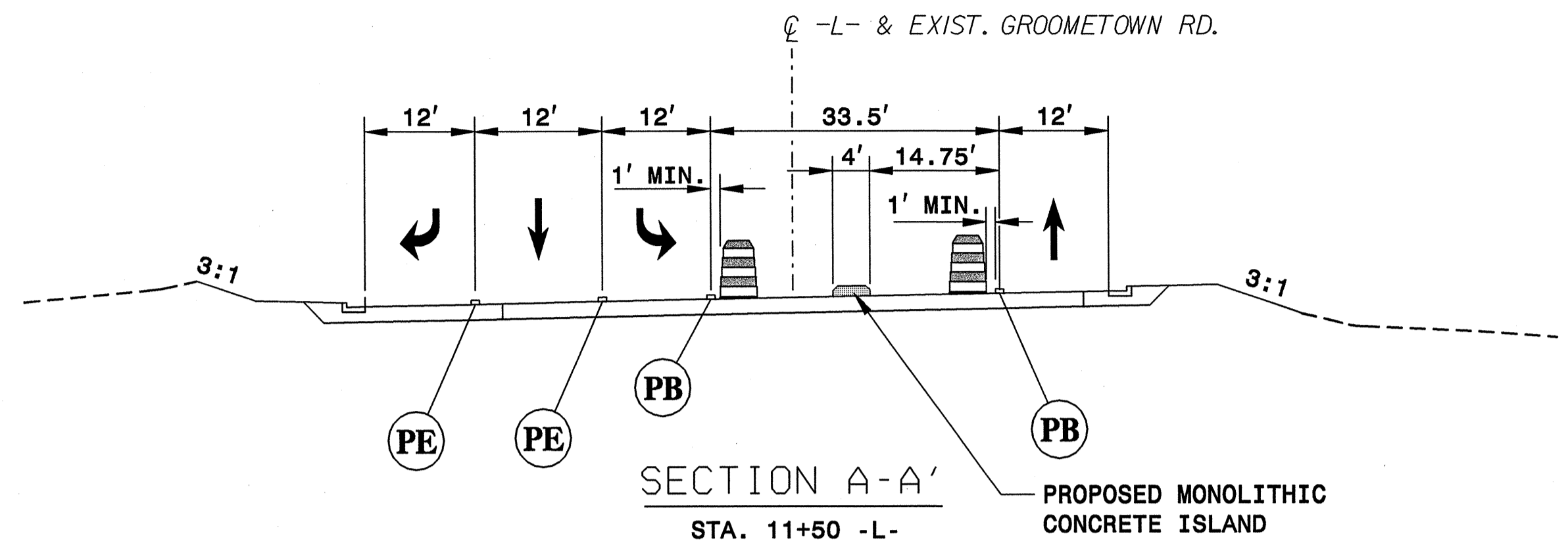
8/17/05

PLANS PREPARED BY:



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TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO. U-3313	SHEET NO. TCP-12
-------------------------------	---------------------



LEGEND

	PROP. CONSTRUCTION
	PROP. WEDGING
	ONGOING CONSTRUCTION

APPROVED: _____ DATE: _____

PHASE II SECTION VIEWS

SCALE: NONE		REVISIONS
DATE: 08/05		
DWG. BY: DEB		
DESIGN BY: VC		
REVIEWED BY: DC		CADD FILE:

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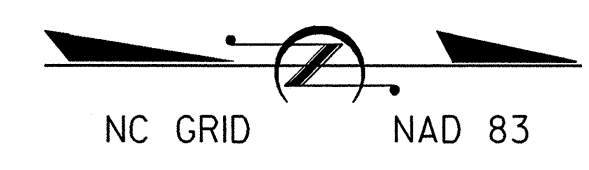
8/17/99

J:\APE\2006\0818\TIP\AT\TIP\ref\conter\1\TCP\U3313.RD\1.TCP13.DGN

PLANS PREPARED BY:

PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO. U-3313	SHEET NO. TCP-13
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10+00
WILEY DAVIS RD.

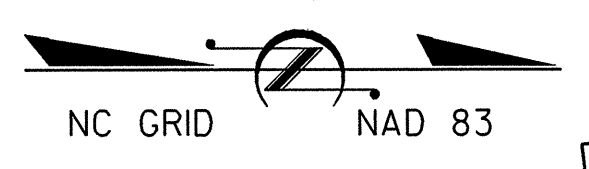
15+00

20+00

MATCHLINE STA. 21+00 -L-

Sta. 10+54.48 -L-
BEGIN STATE PROJECT U-3313

25+00



30+00

MATCHLINE STA. 35+00 -L-

-Y-
SEDFIELD PARK DR.

MATCHLINE STA. 21+00 -L-

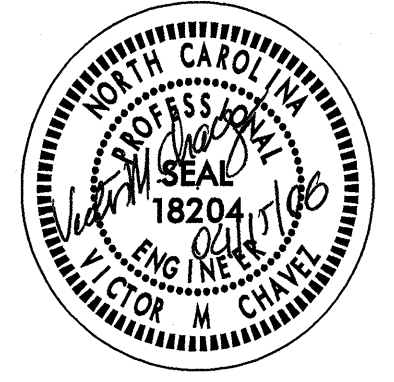
Sta 12+00.00 -Y-
END PROP. CONSTRUCTION
END PROP. WEDGING
AND WIDENING

LEGEND

 ONGOING CONSTRUCTION

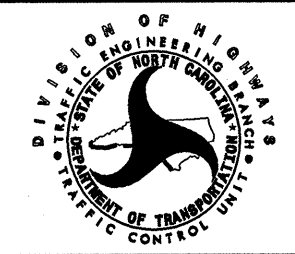
APPROVED: _____ DATE: _____

SEAL



PHASE III DETAIL SHEET

SCALE: NONE
DATE: 08/05
DWG. BY: DEB
DESIGN BY: VC
REVIEWED BY: DG

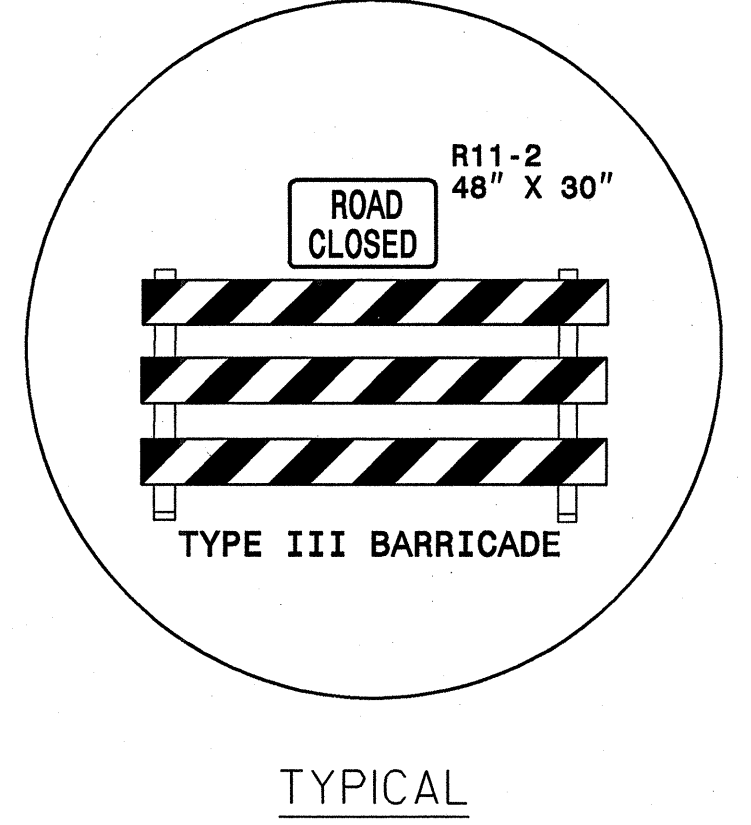
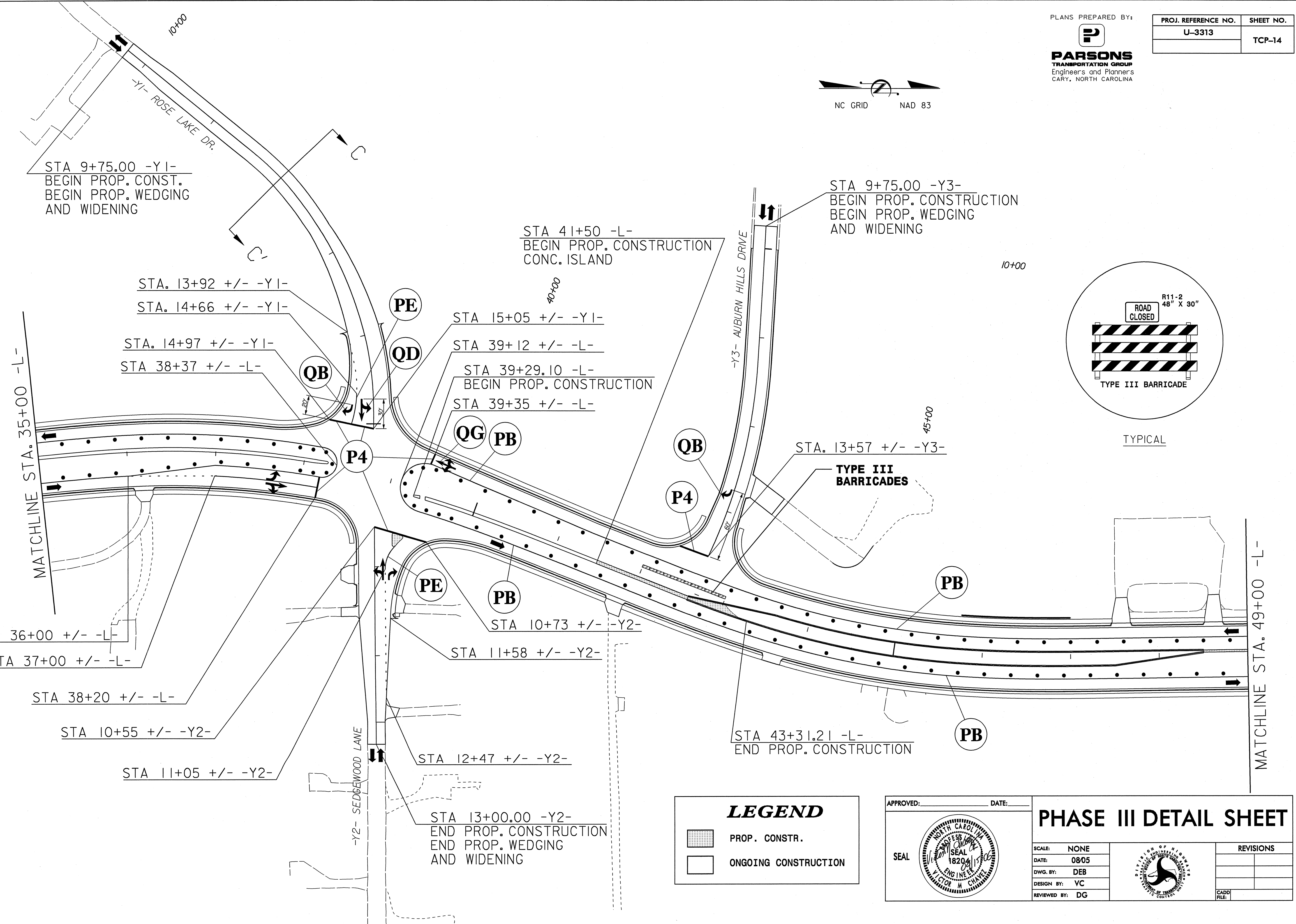
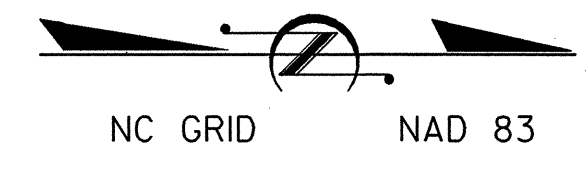


REVISIONS	

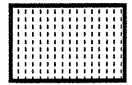

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8/17/05


PROJ. REFERENCE NO.	SHEET NO.
U-3313	TCP-14



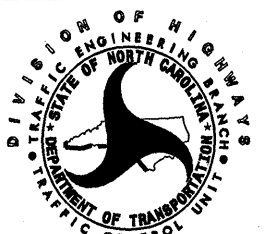
LEGEND

	PROP. CONSTR.
	ONGOING CONSTRUCTION

APPROVED: _____ DATE: _____



PHASE III DETAIL SHEET

SCALE: NONE		REVISIONS	
DATE: 08/05			
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DESIGN BY: VC			
REVIEWED BY: DG			

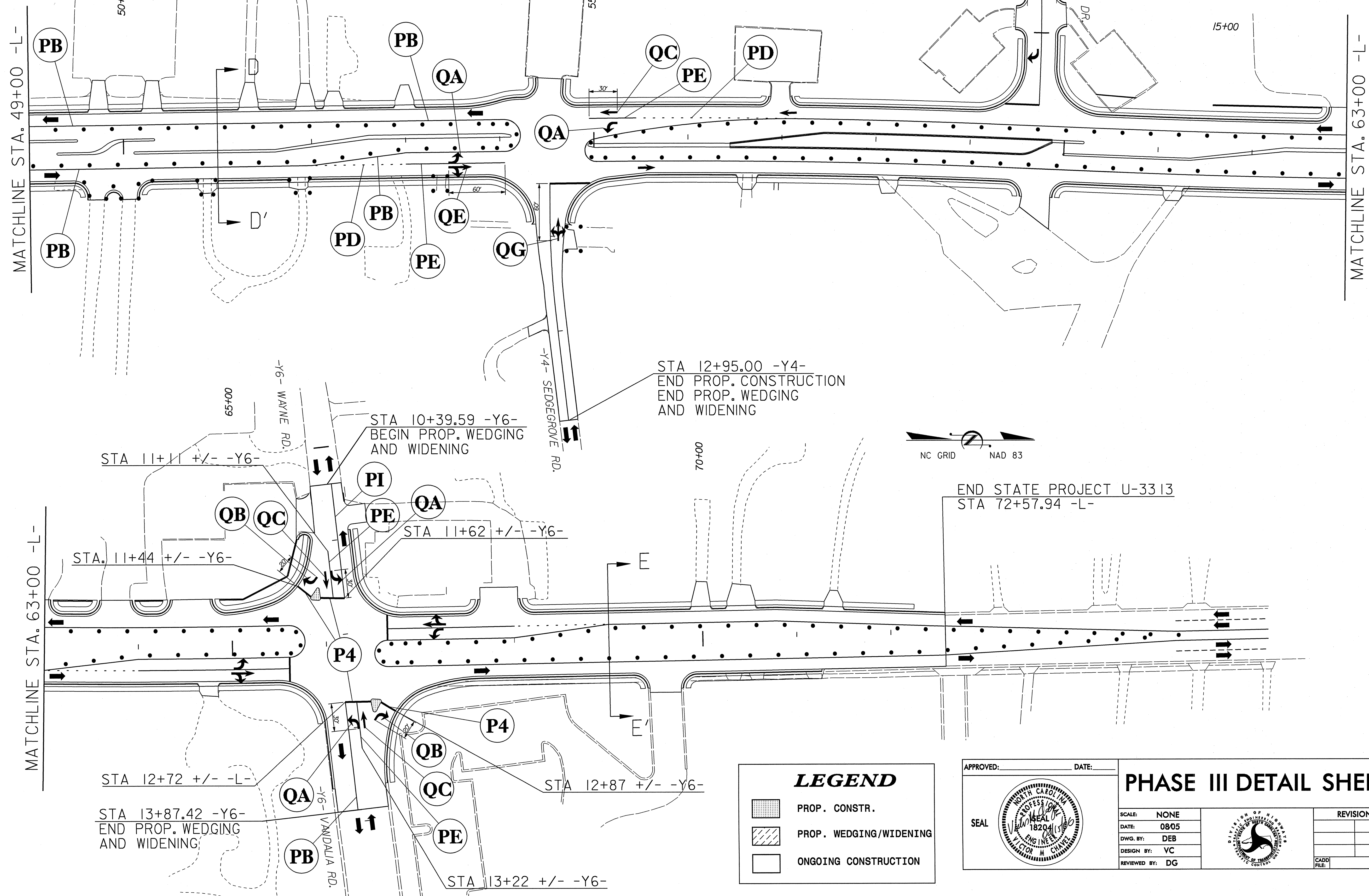
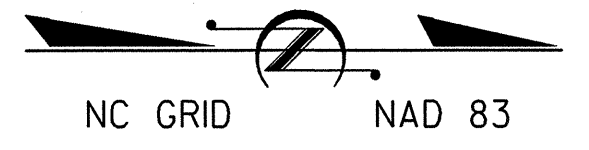
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 17-APR-2006 0919...
 20060817

8/17/99

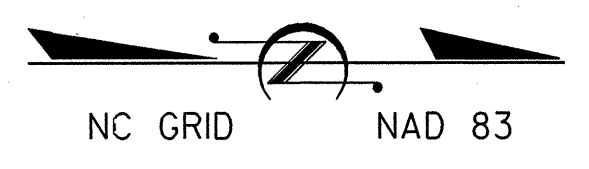
STA 14+12.51 -Y5-
BEGIN PROP. CONSTRUCTION
BEGIN PROP. WEDGING
AND WIDENING

PLANS PREPARED BY:
PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO. U-3313	SHEET NO. TCP-15
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STA 12+95.00 -Y4-
END PROP. CONSTRUCTION
END PROP. WEDGING
AND WIDENING



END STATE PROJECT U-3313
STA 72+57.94 -L-

LEGEND

	PROP. CONSTR.
	PROP. WEDGING/WIDENING
	ONGOING CONSTRUCTION

APPROVED: _____ DATE: _____

SEAL

PHASE III DETAIL SHEET

SCALE: NONE		REVISIONS
DATE: 08/05		
DWG. BY: DEB		
DESIGN BY: VC		
REVIEWED BY: DG		
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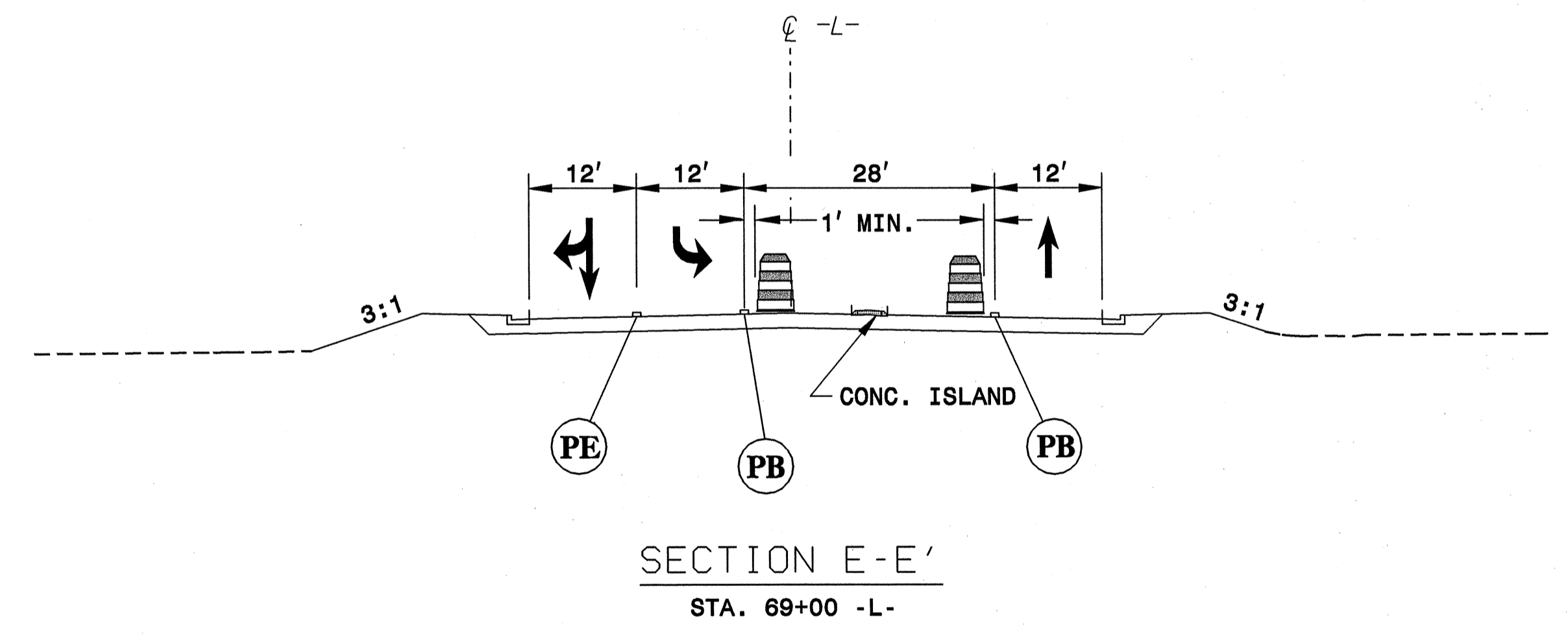
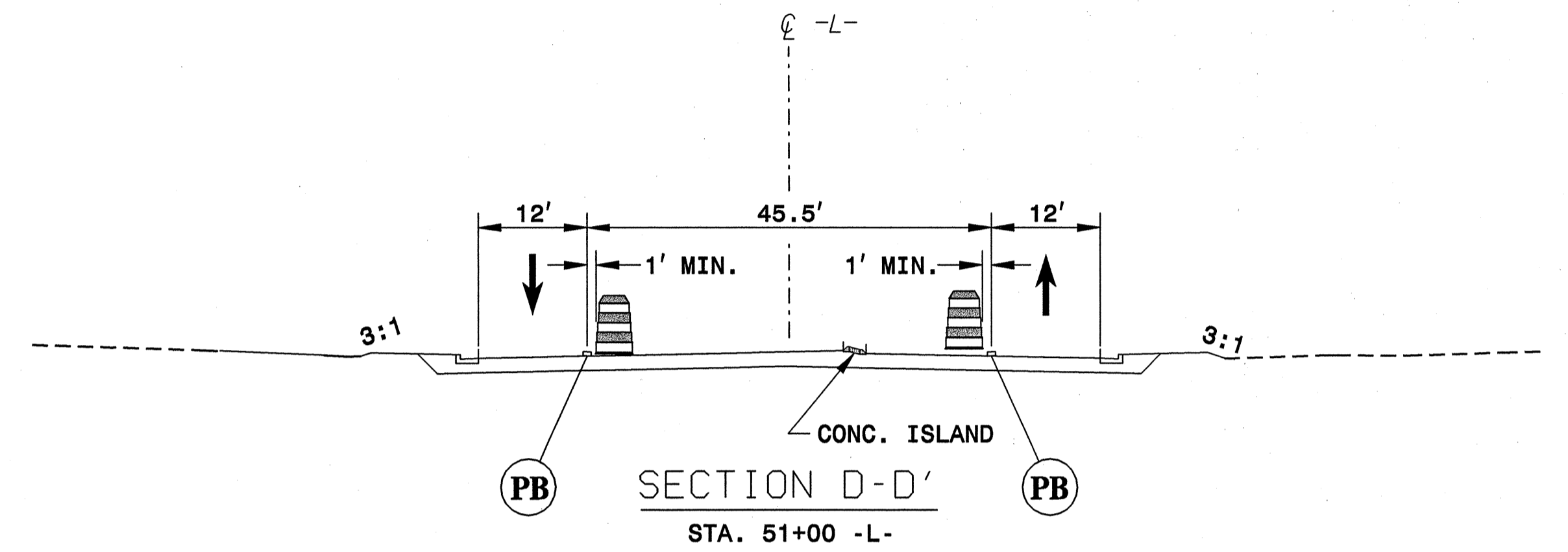
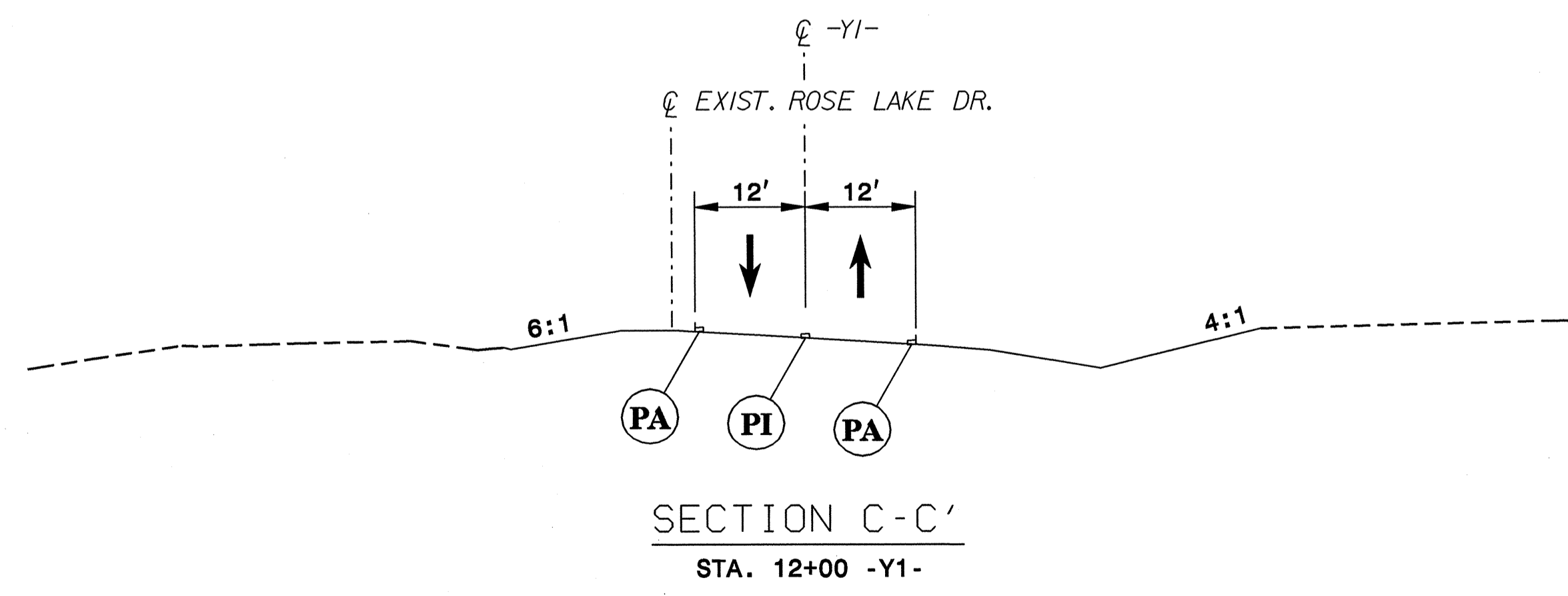
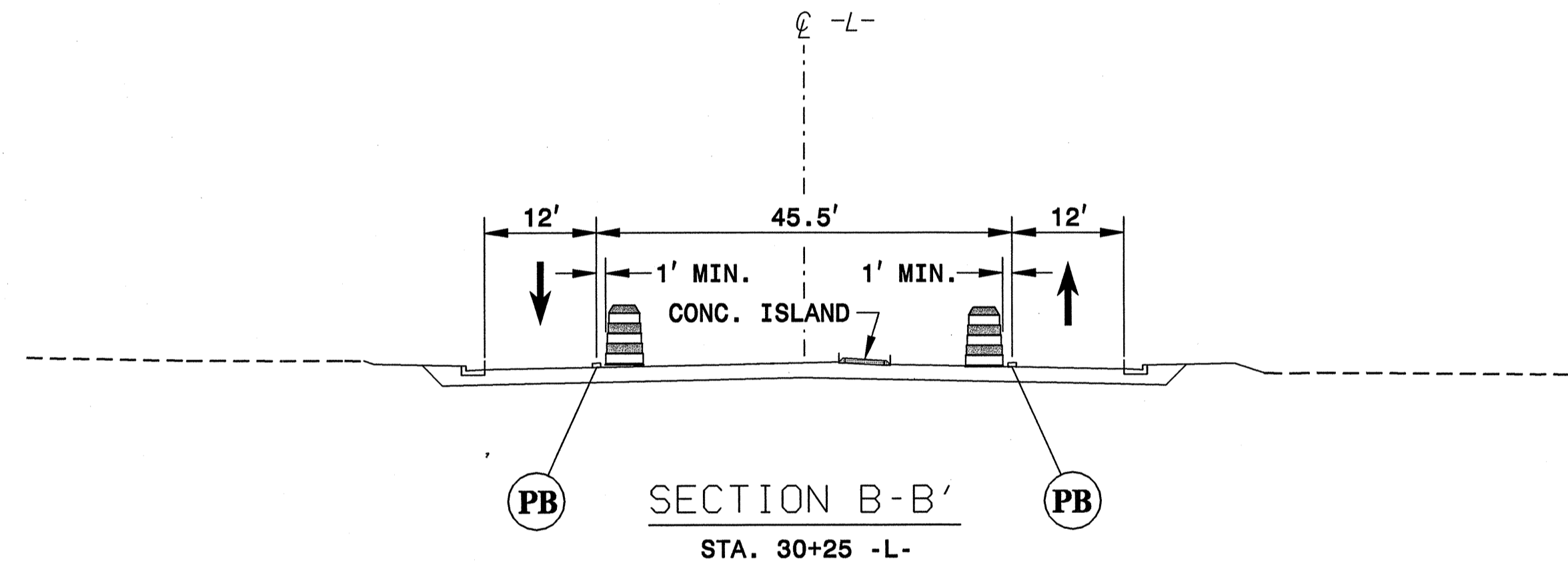
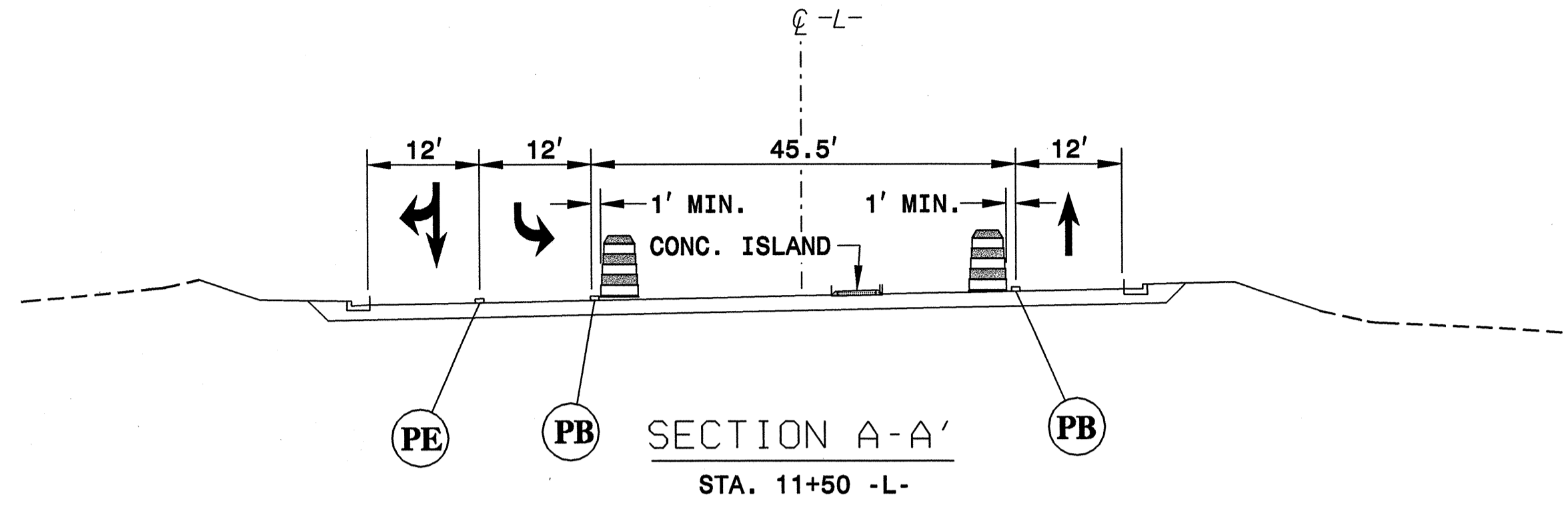
8/17/05

PLANS PREPARED BY:



PARSONS
TRANSPORTATION GROUP
Engineers and Planners
CARY, NORTH CAROLINA

PROJ. REFERENCE NO. U-3313	SHEET NO. TCP-16
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LEGEND

PROP. CONSTRUCTION

PROP. WEDGING

APPROVED: _____ DATE: _____

SEAL

PHASE III SECTION VIEWS

SCALE: NONE

DATE: 08/05

DWG. BY: DEB

DESIGN BY: VC

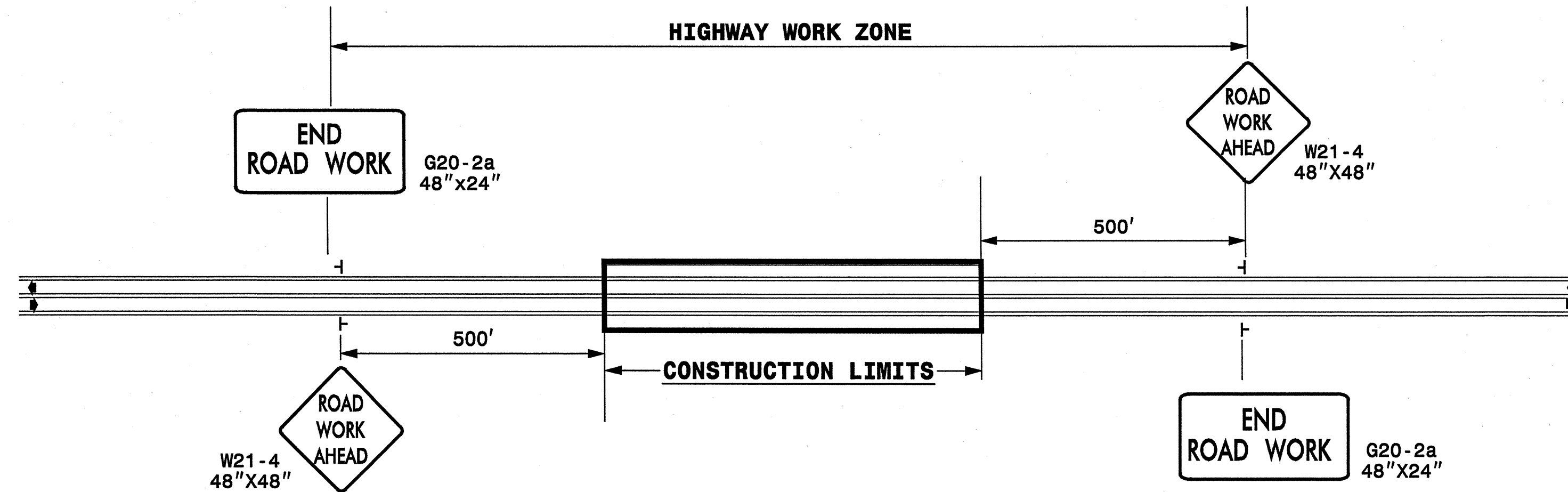
REVIEWED BY: DG

REVISIONS

CADD FILE: _____

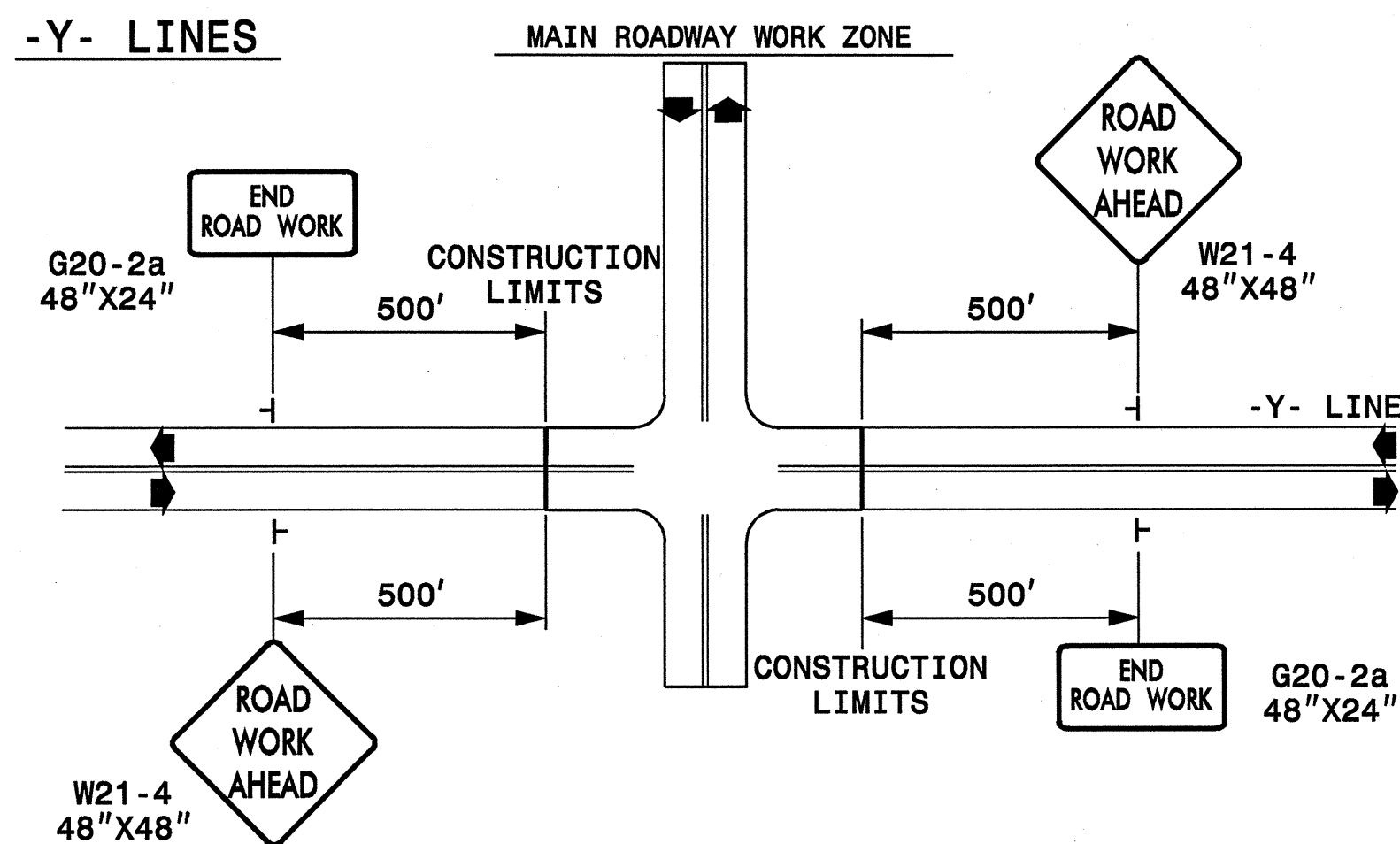
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TWO-WAY UNDIVIDED & URBAN FREEWAYS (L-LINES)



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

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



DETAIL DRAWING FOR
TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR IX) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

LEGEND

- ┆ STATIONARY SIGN
- ◀ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED AND URBAN FREEWAYS ADVANCED WORK ZONE WARNING SIGNS	
SCALE: NONE		REVISIONS	
DATE:		7-98	10/01
DWG. BY:		10-98	03/04
DESIGN BY:		01/01	
REVIEWED BY:			