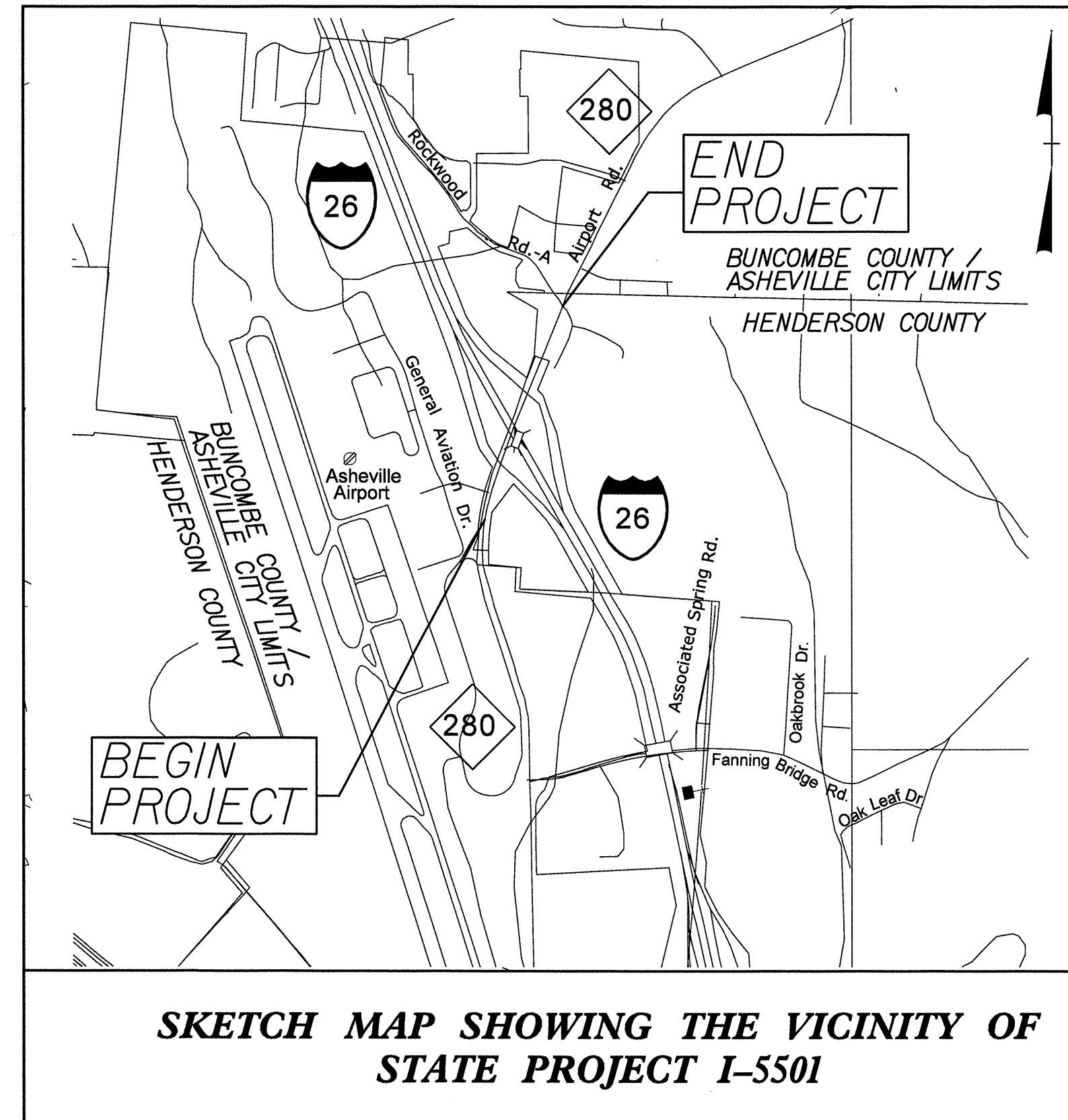


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

BUNCOMBE COUNTY



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND & TEMPORARY PAVEMENT MARKING SCHEDULE
TMP-2	TRANSPORTATION OPERATIONS PLAN: GENERAL NOTES AND LOCAL NOTES
TMP-3	PHASING
TMP-4 - 7	PHASE I
TMP-8 - 10	PHASE II

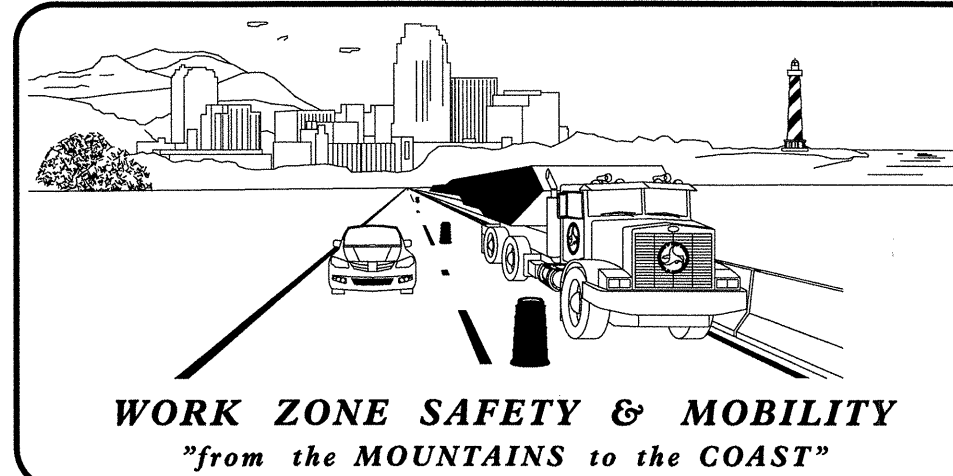
SHEET NO.

TMP-1

I-5501

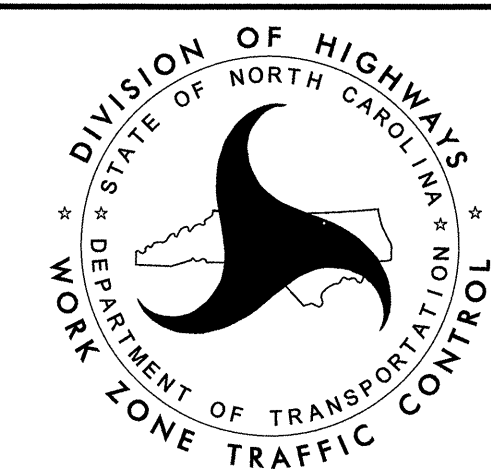
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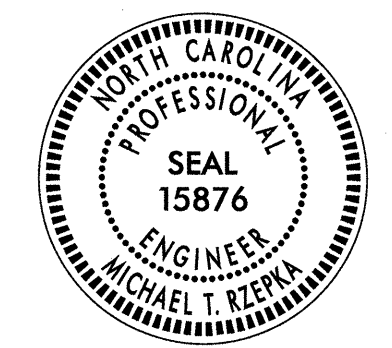
N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
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G. L. GETTIER, P.E. TRAFFIC CONTROL PROJECT ENGINEER
J. W. WOOLARD, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
D. A. HAYES, E.I. TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: *Michael R. Zepke*
DATE: 5-28-13

SEAL



ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- WORK AREA
- WEDGING PAVEMENT ON RAMPS
- PAVEMENT REMOVAL

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM SKINNY DRUM TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW PANEL (TYPE C)
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED IMPACT ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

PAVEMENT MARKERS

- CRYSTAL/RED
- CRYSTAL/CRYSTAL
- YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING

SYMBOL	DESCRIPTION
<u>PAINT (4")</u>	
PA	WHITE EDGELINE
PB	YELLOW EDGELINE
PC	10 FT. WHITE SKIP
PD	3 FT.-9 FT. WHITE MINISKIP
PE	WHITE SOLID LANE LINE
PF	10 FT. YELLOW SKIP
PH	SINGLE YELLOW CENTERLINE
PI	DOUBLE YELLOW CENTERLINE
P8	2 FT.- 6 FT. WHITE MINISKIP
<u>PAINT (24")</u>	
P2	WHITE STOP BAR
<u>PAINT SYMBOL</u>	
QA	LEFT ARROW
QB	RIGHT ARROW
QC	STRAIGHT ARROW
QD	COMBO STRAIGHT/LEFT ARROW
QF	COMBO LEFT/RIGHT ARROW
QI	ALPHANUMERIC CHARACTER
QP	MERGE ARROW
<u>TEMPORARY RAISED MARKERS</u>	
MH	YELLOW & YELLOW
MI	CRYSTAL & RED

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APPROVED: <i>Michael R. Zerna</i> DATE: 5-28-13 		ROADWAY STANDARD DRAWINGS, LEGEND & TEMPORARY PAVEMENT MARKING SCHEDULE
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GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE 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
NC 280 I-26 & RAMPS WRIGHT BROTHERS WAY TERMINAL DRIVE AIRPORT PARK ROAD AVIATION WAY	MONDAY-SUNDAY, 6:30AM-7:00PM

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

ROAD NAME
NC 280 I-26 & RAMPS WRIGHT BROTHERS WAY TERMINAL DRIVE AIRPORT PARK ROAD AVIATION WAY

HOLIDAY

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:30AM DECEMBER 31st TO 8:00PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00PM THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 6:30AM THURSDAY AND 7:00PM MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:30AM FRIDAY TO 7:00PM TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:30AM THE DAY BEFORE INDEPENDENCE DAY AND 7:00PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:30AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00PM THE TUESDAY AFTER INDEPENDENCE DAY.

6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:30AM FRIDAY AND 7:00PM TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:30AM TUESDAY TO 7:00PM MONDAY.
8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:30AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
9. FOR THE NORTH CAROLINA MOUNTAIN STATE FAIR, BETWEEN THE HOURS OF 6:30AM THE THURSDAY BEFORE THE START OF THE FAIR AND 7:00PM MONDAY AFTER THE END OF THE FAIR.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
NC 280 I-26 RAMPS	MONDAY-SUNDAY, 6:30AM-7:00PM	15 MIN., TIE-INS, MARKING PLACEMENT, TRAFFIC SHIFTS

D) DO NOT CONDUCT MULTI-VEHICLE HAULING AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
NC 280 & RAMPS	MONDAY-SUNDAY, 6:30AM TO 7:00PM

E) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- F) 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.
- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- H) 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.
- I) 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.
- J) 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.
- K) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON NC 280.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- L) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

 BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

 BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

 BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- M) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350 FEET IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

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

TRAFFIC BARRIER

- R) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRANSPORTATION MANAGEMENT PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS OR AS DIRECTED BY THE ENGINEER.
- DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.
- ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE / RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

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

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (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.

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

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

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

TRAFFIC CONTROL DEVICES

- T) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

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

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	TEMPORARY RAISED
- W) 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.
- X) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- Y) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- Z) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION

MISCELLANEOUS

- AA) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- BB) ALL CURB RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.

LOCAL NOTES

- 1) DURING PHASE II, STEP 1 TRAFFIC SHIFT TO PROPOSED DDI PATTERN, RESTRICT RAMP MOVEMENTS TO RIGHT-TURNS ONLY.

APPROVED: <i>Michael T. Rzepka</i> DATE: <u>11-27-13</u> <div style="text-align: center;"> </div>	TRANSPORTATION OPERATIONS PLAN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SCALE: NONE</td> <td>REVISIONS</td> </tr> <tr> <td>DATE: NOV '13</td> <td>NOV '13 TAG</td> </tr> <tr> <td>DWG. BY: YTM</td> <td></td> </tr> <tr> <td>DESIGN BY: TAG</td> <td></td> </tr> <tr> <td>REVIEWED BY: MTR</td> <td></td> </tr> </table>	SCALE: NONE	REVISIONS	DATE: NOV '13	NOV '13 TAG	DWG. BY: YTM		DESIGN BY: TAG		REVIEWED BY: MTR	
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PHASING

PHASE I

NOTES: - IN PHASING BELOW "RSD" REFERS TO NCDOT ROADWAY STANDARD DRAWING.
 - MAINTAIN EXISTING TRAFFIC PATTERNS IN PHASE I.

STEP 1

INSTALL ADVANCE WARNING SIGNS ON -L- (NC 280), I-26, TERMINAL DRIVE, AVIATION WAY, UNDERWOOD ROAD AND ROCKWOOD ROAD (SEE ROADWAY STANDARD DRAWING NUMBER 1101.01).

STEP 2

USING RSD 1101.02 (SHEETS 3, 4, 9 & 10 OF 15), BEGIN UTILITY AND DRAINAGE CONSTRUCTION.

USING RSD 1101.02 (SHEET 3 OF 15), INSTALL TEMPORARY SIGNALS NEEDED FOR CONSTRUCTION IN PHASES I & II.

STEP 3

ACTIVATE TEMPORARY SIGNALS AND DEACTIVATE EXISTING SIGNALS.

USING RSD 1101.02 (SHEET 7 OF 15), REMOVE EXISTING MEDIAN RAISED ISLANDS ON -L- AND DELINEATE REMOVED ISLANDS. (SEE SHEETS TMP-4 THRU TMP-7)

USING RSD 1101.02 (SHEETS 3, 7, 9 & 10 OF 15), CONSTRUCT PROPOSED WIDENING & WEDGING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-4 THRU TMP-7):

- L- STA 13+50+/- TO STA 39+90+/-
- Y1B- STA 10+46+/- TO -Y1B- STA 10+72+/-
- Y1B- STA 10+90+/- TO -Y1B- STA 12+50+/-
- Y1C- STA 10+24+/- TO -L- STA 13+50+/-
- Y1D- STA 10+60+/- TO -Y1D- STA 12+04+/-
- TERMINAL DRIVE TO -Y1B- STA 12+84+/-
- Y1E- STA 10+12+/- TO STA 12+50+/-
- RPA-, -RPB-, -RPC- & -RPD-

(NOTE: WEDGE EXISTING RAMPS TO MAINTAIN ELEVATION WITH ADJACENT PROPOSED RAMP CONSTRUCTION.)

PHASE II

WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK REQUIRED IN PHASE II, STEP 1 FROM SATURDAY 8:00PM TO MONDAY 6:00AM (34 CONSECUTIVE HOURS) AS DIRECTED BY THE ENGINEER. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES. HOLIDAY AND SPECIAL EVENTS LANE CLOSURE TIME RESTRICTIONS APPLY DURING THIS ICT.

STEP 1

USING RSD 1101.02 (SHEETS 3, 7, 9 & 10 OF 15), NOTE "C" AND PILOT CAR(S), COMPLETE THE FOLLOWING (SEE LOCAL NOTE 1):

- MAINTAIN ONE LANE AND A MINIMUM OF ONE PILOT CAR IN EACH DIRECTION.
- REMOVE EXISTING CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON -L-, -RPA-, -RPB-, -RPC- & -RPD- (SEE SHEETS TMP-8 THRU TMP-10)
- DELINEATE PROPOSED ISLANDS
- SHIFT TRAFFIC ON -L- AND RAMPS TO PROPOSED DDI PATTERN
- ADJUST/ACTIVATE TEMPORARY SIGNALS

STEP 2

USING RSD 1102.02 (SHEET 1 OF 15), PLACE TEMPORARY MARKINGS AND MARKERS AND SHIFT TRAFFIC TO -Y1A-, -Y1B-, -Y1C-, -Y1D-, AND -Y1E-. (SEE SHEETS TMP-8 THRU TMP-10)

USING RSD 1101.02 (SHEETS 1, 3, 7, 9 & 10 OF 15), CONSTRUCT THE FOLLOWING (SEE SHEETS TMP-8 THRU TMP-10):

- PROPOSED ISLAND AND BARRIER ON -L- (BETWEEN RAMPS) AND PROPOSED RAISED ISLANDS AT RAMPS
- INSTALL PROPOSED SIGNALS



COMPLETE UTILITY AND DRAINAGE CONSTRUCTION BEGUN EARLIER, AND REMOVE EXISTING RAMP AND TERMINAL DRIVE PAVEMENTS.

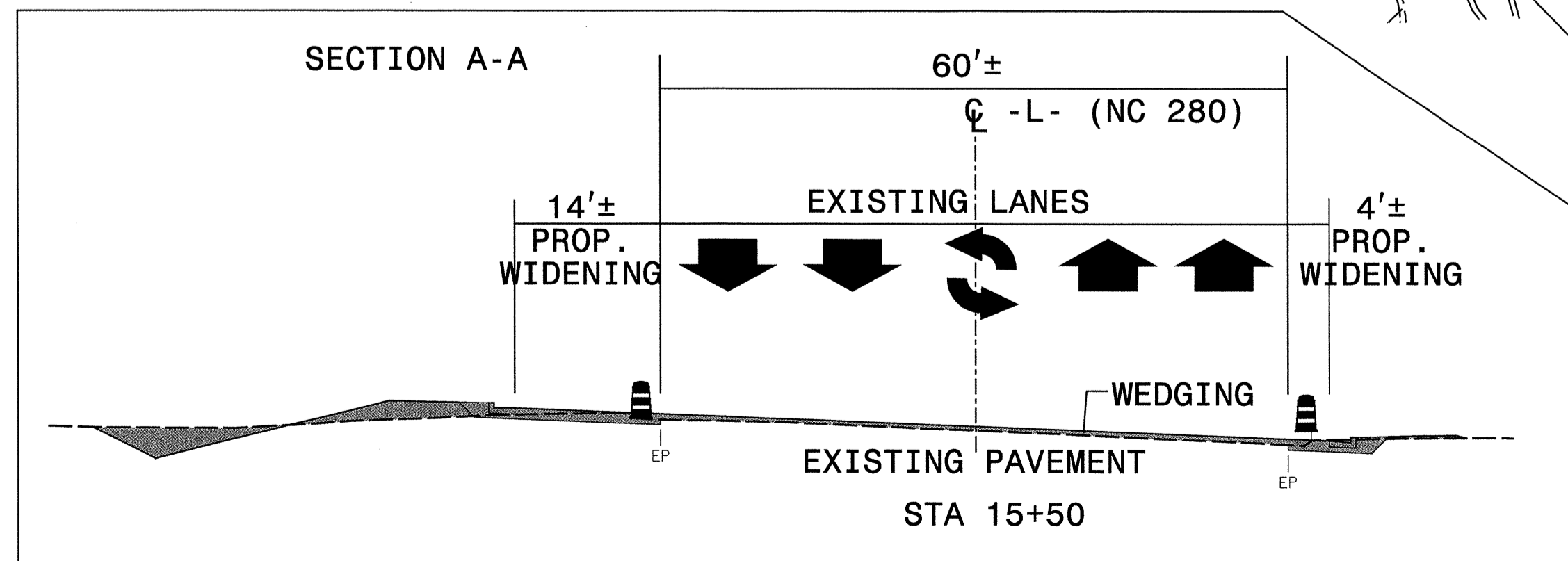
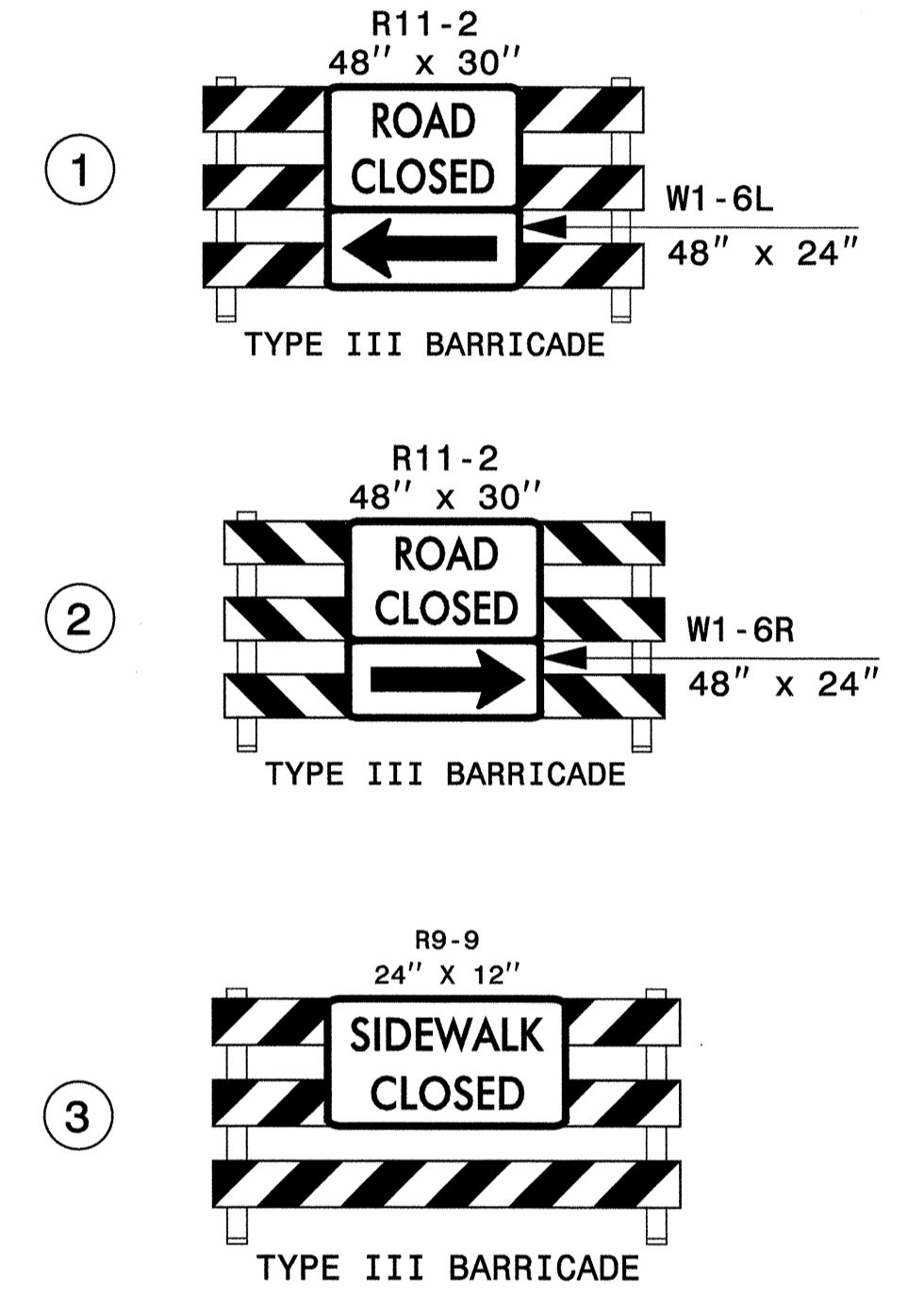
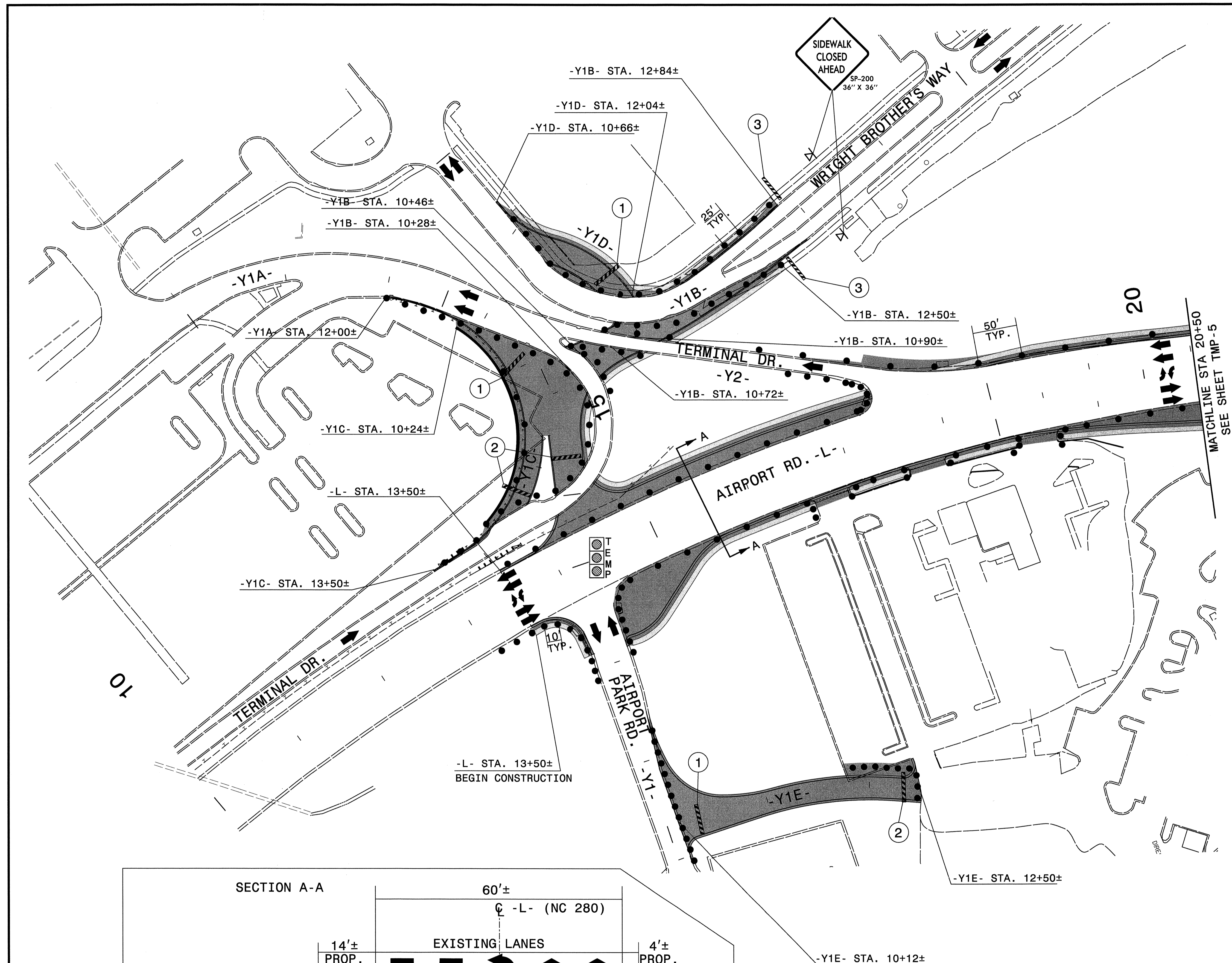
STEP 3

USING RSD 1101.02 (SHEETS 3, 7, 9 & 10 OF 15), PERFORM THE FOLLOWING:

- ACTIVATE FINAL PROPOSED SIGNALS AND DEACTIVATE AND REMOVE TEMPORARY SIGNALS
- PLACE FINAL LAYER OF SURFACE COURSE
- PROPOSED MONOLITHIC ISLANDS ON -L-, -Y1A- AND -Y1B-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS

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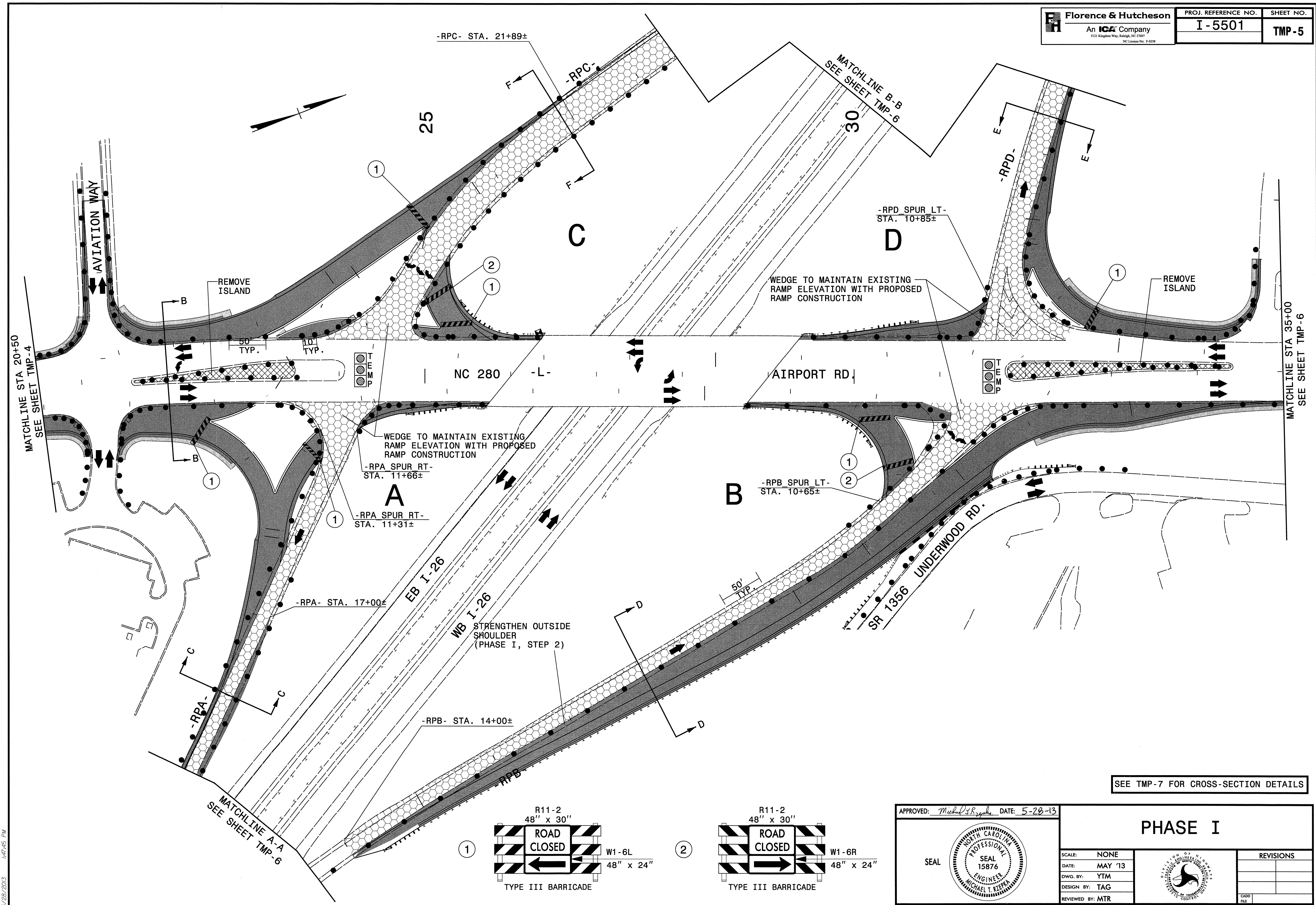
APPROVED: *Michael T. Rzepka* DATE: 5-28-13

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PHASE I

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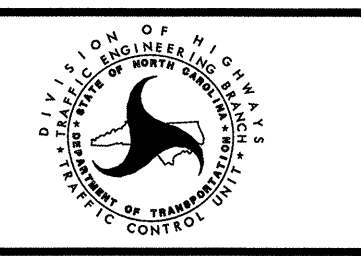
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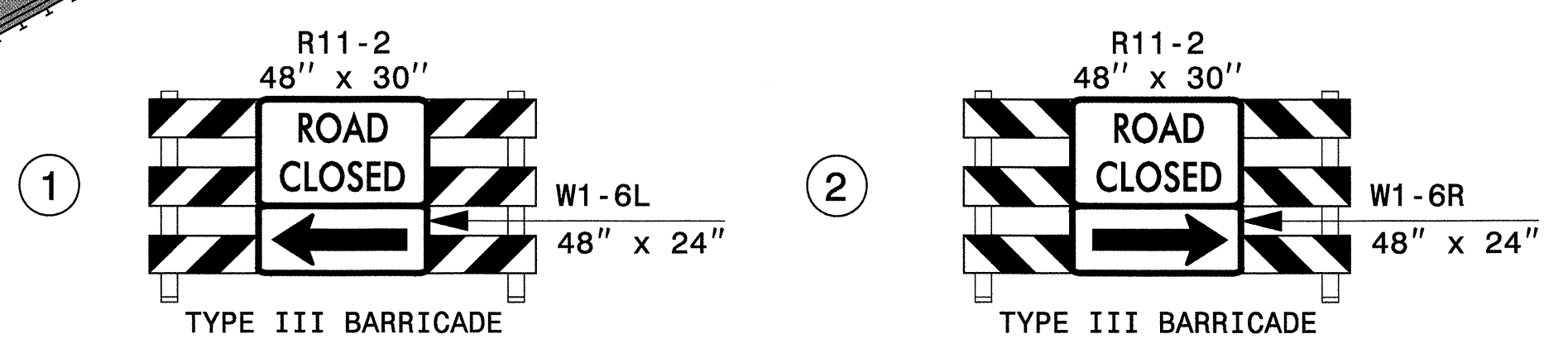


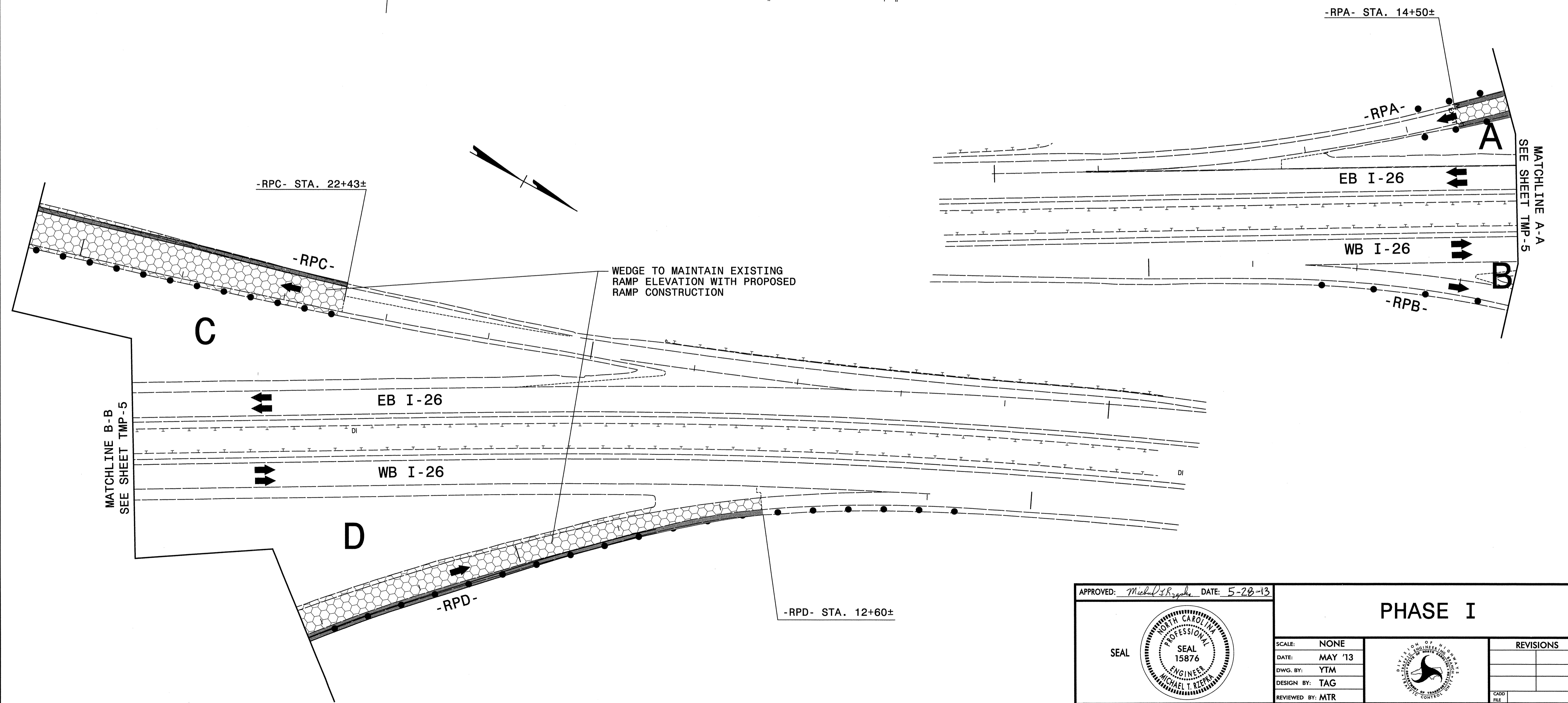
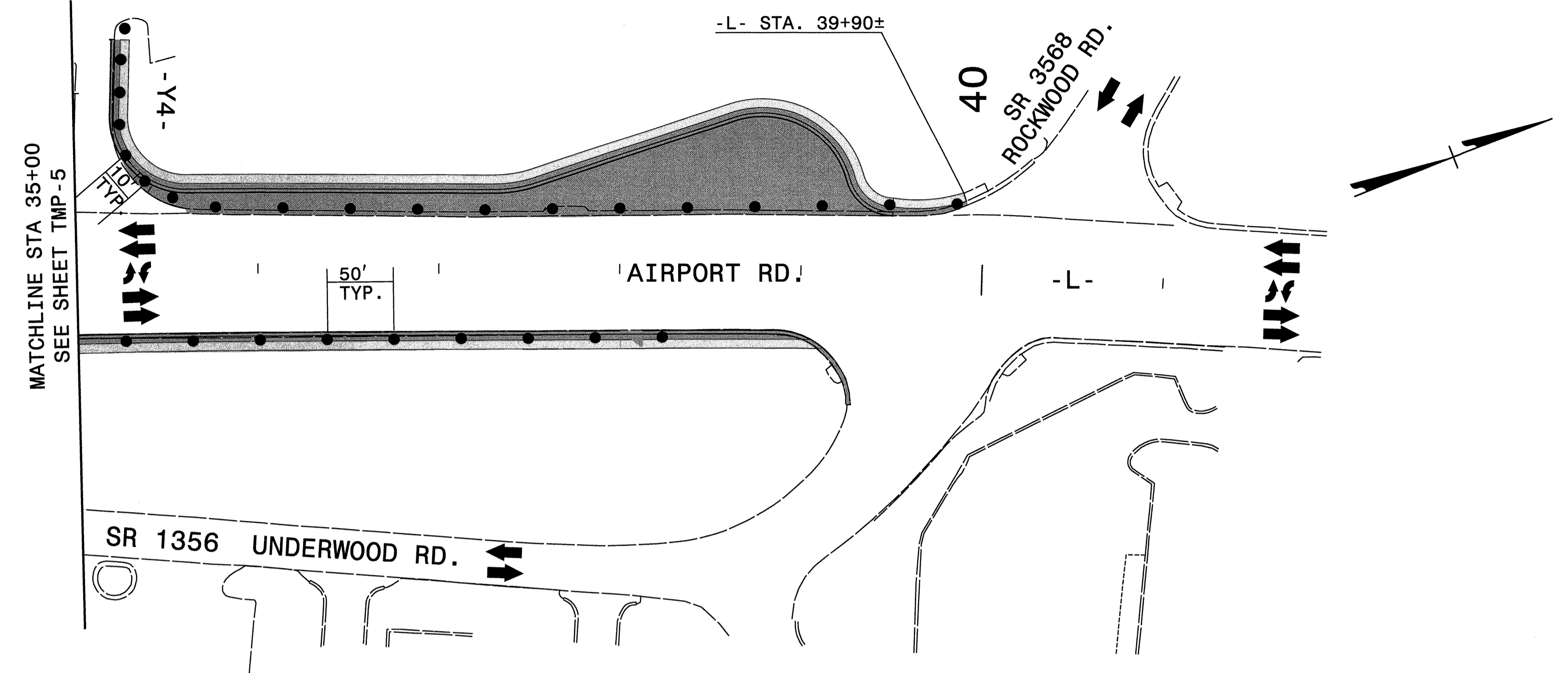
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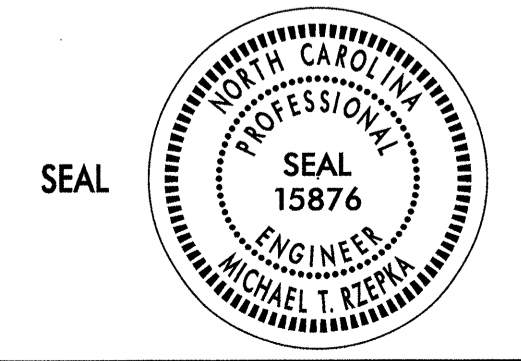


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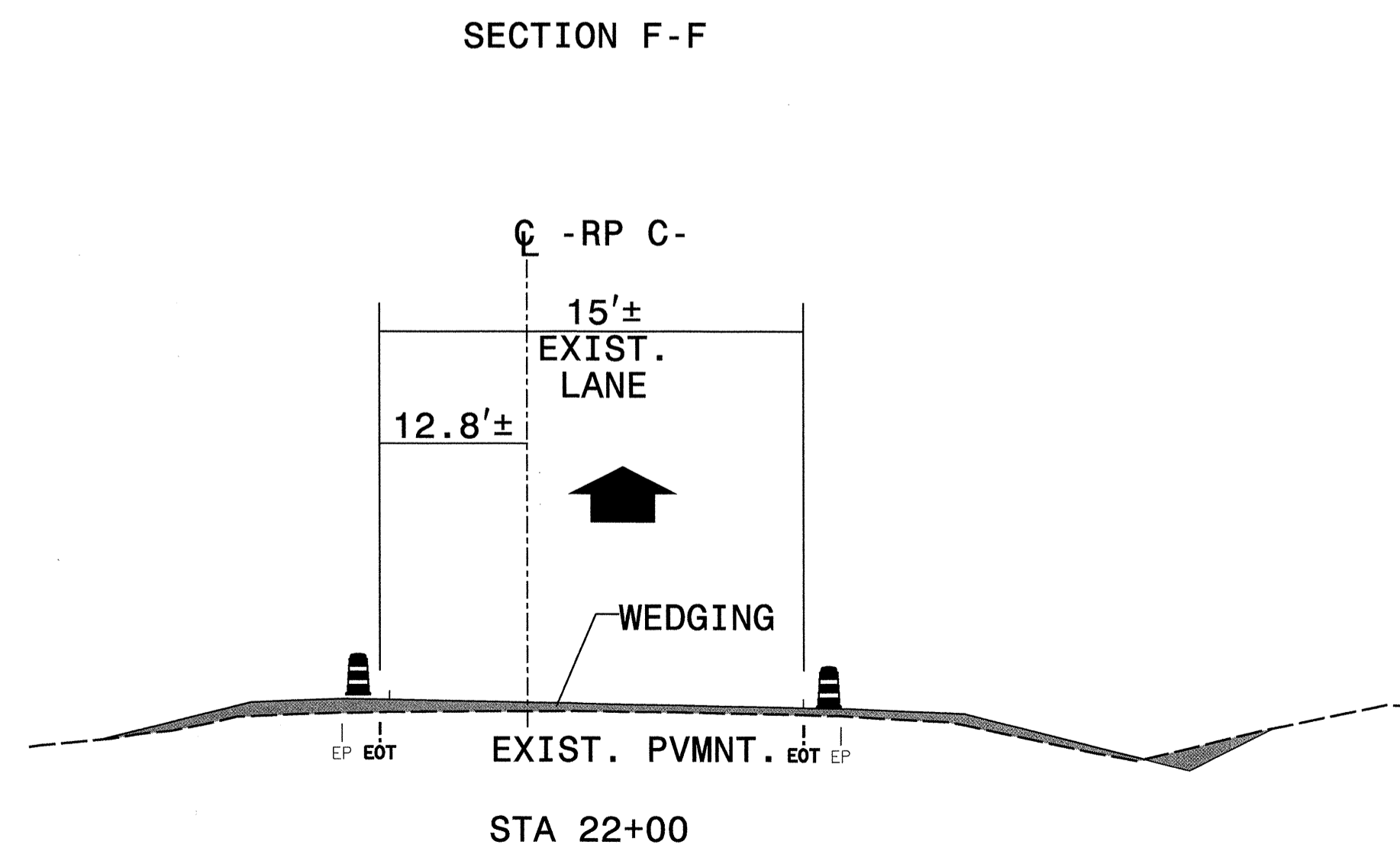
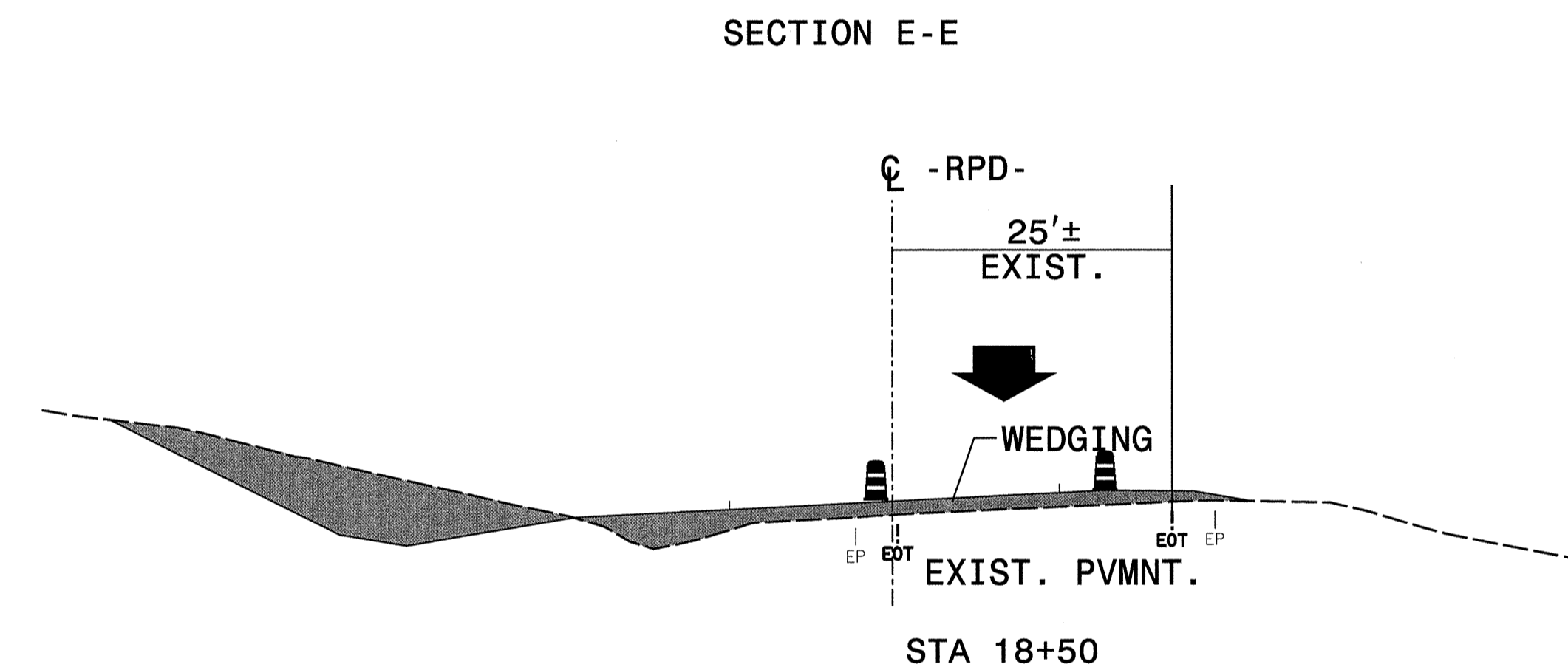
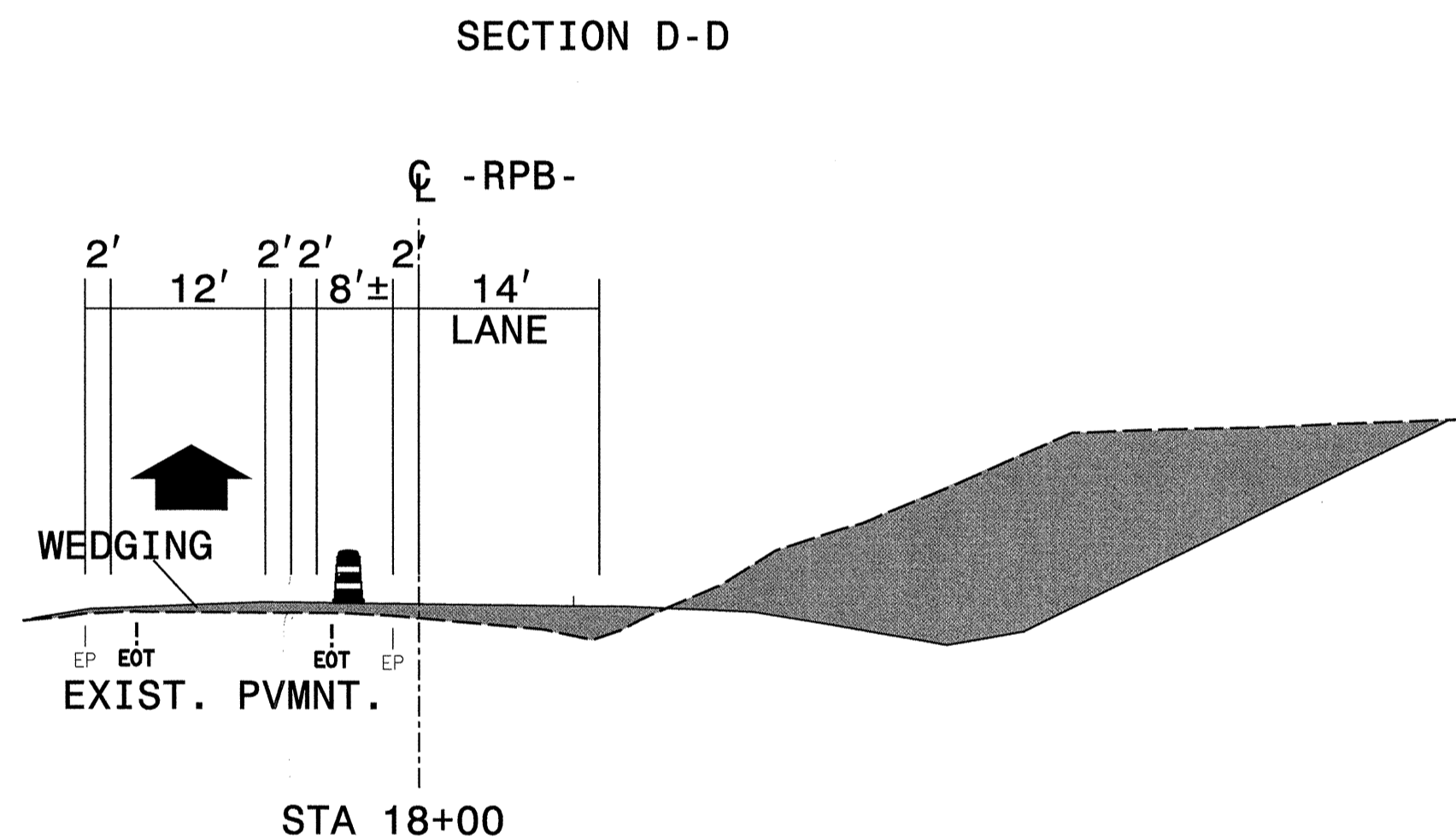
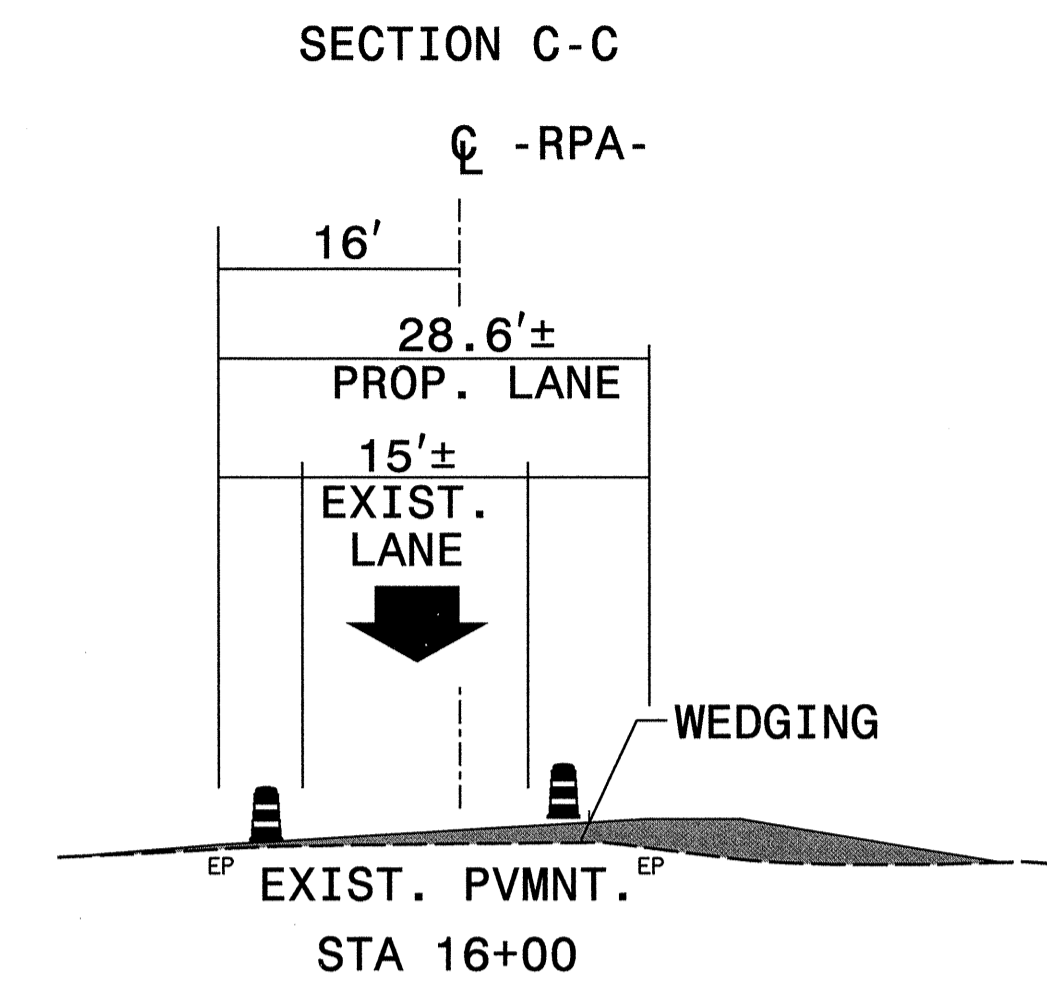
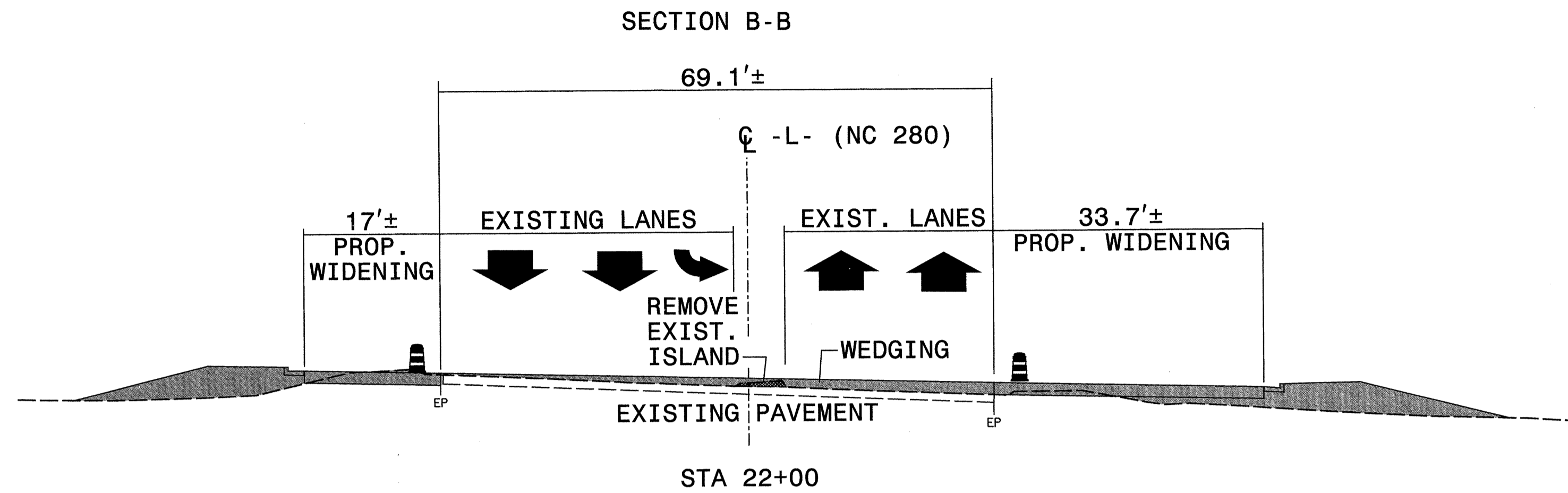
APPROVED: *Michael T. Rzepla* DATE: 5-28-13



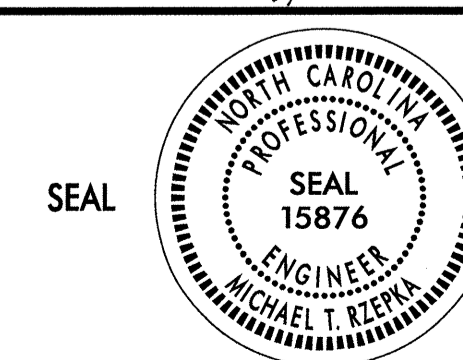
PHASE I

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DATE: MAY '13		
DWG. BY: YTM		
DESIGN BY: TAG		
REVIEWED BY: MTR		

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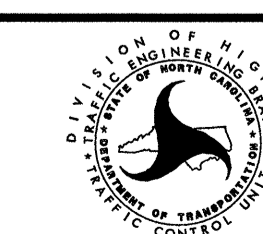


APPROVED: *Michael T. Rzepka* DATE: 5-28-13

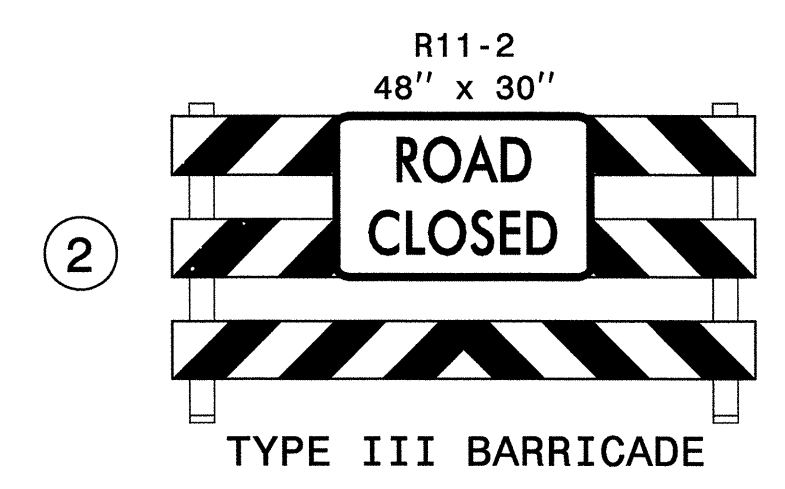
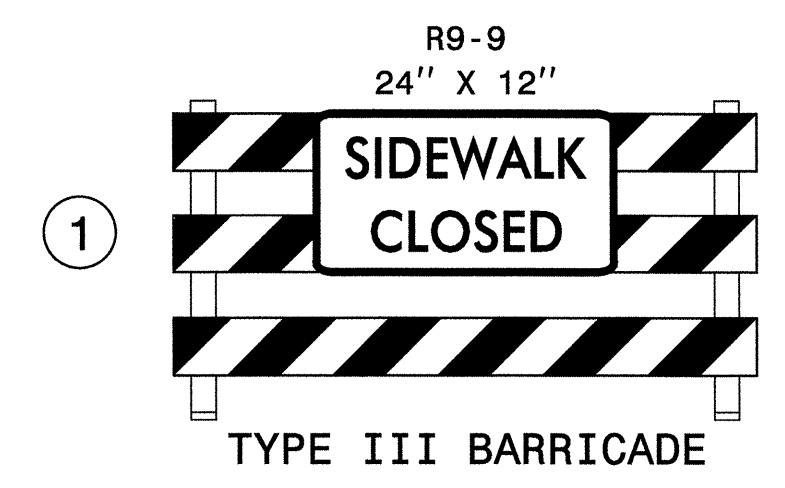
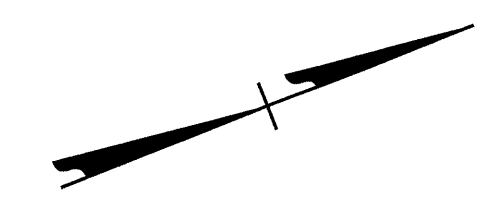
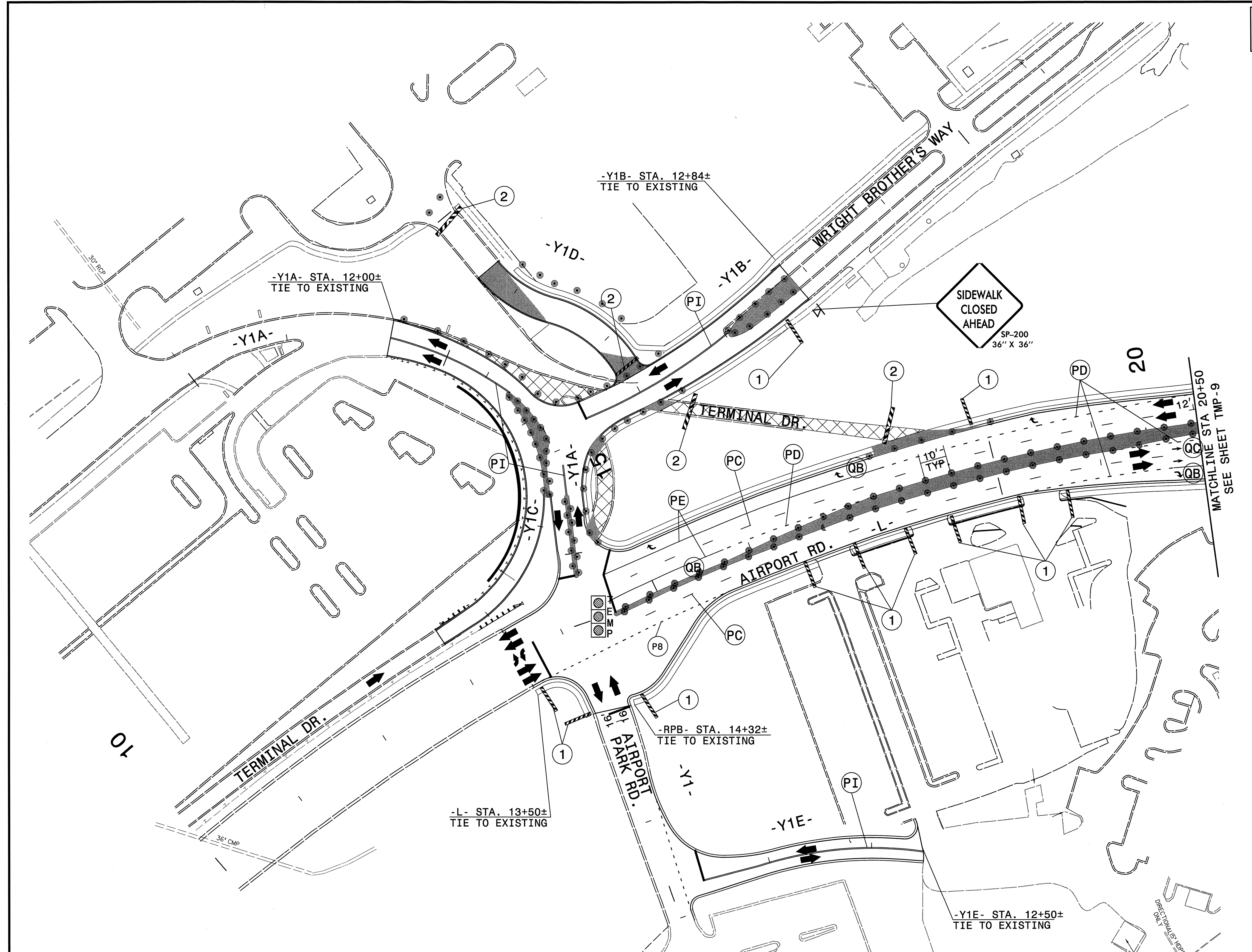


PHASE I SECTIONS

SCALE: NONE
 DATE: MAY '13
 DWG. BY: YTM
 DESIGN BY: TAG
 REVIEWED BY: MTR



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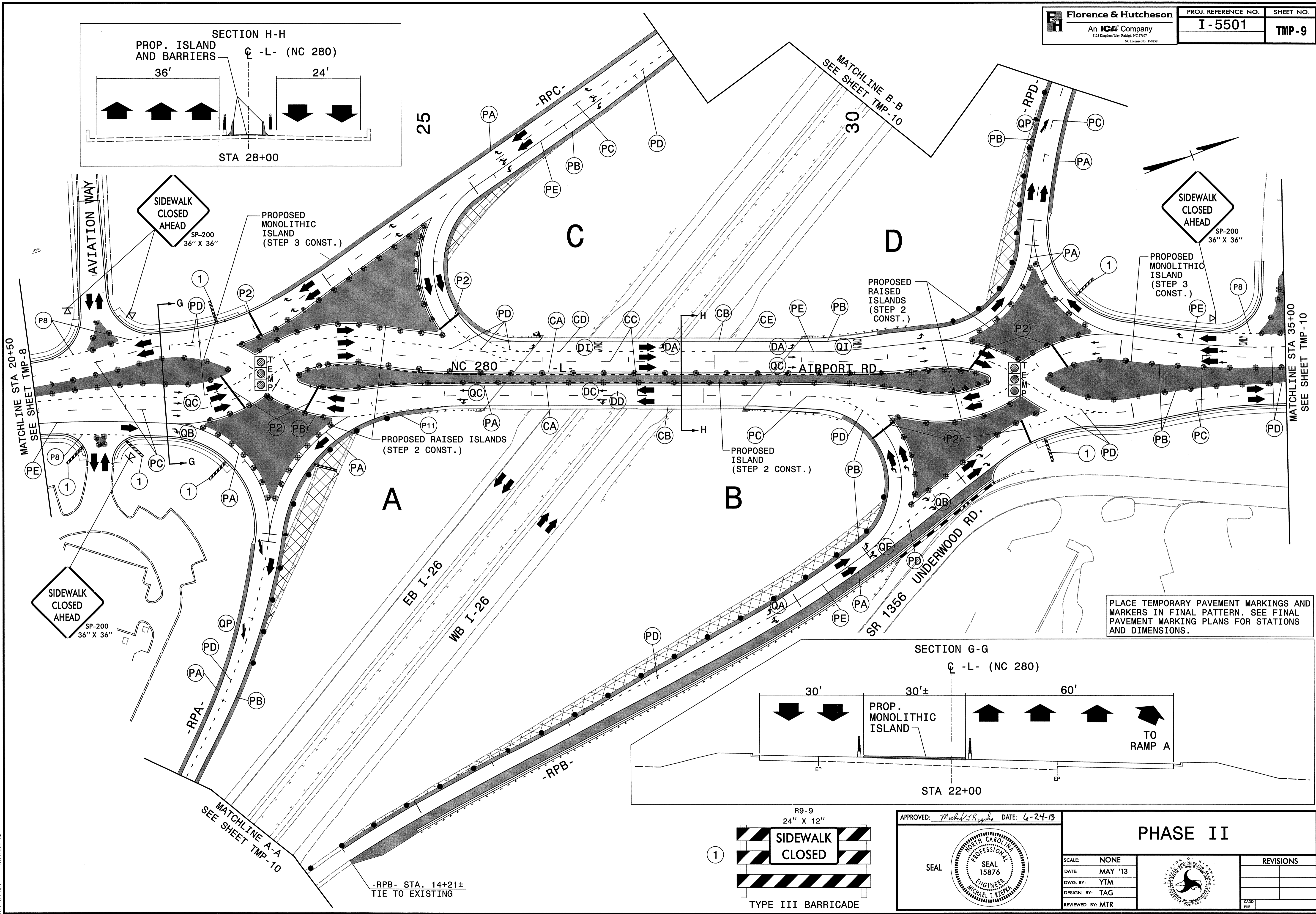
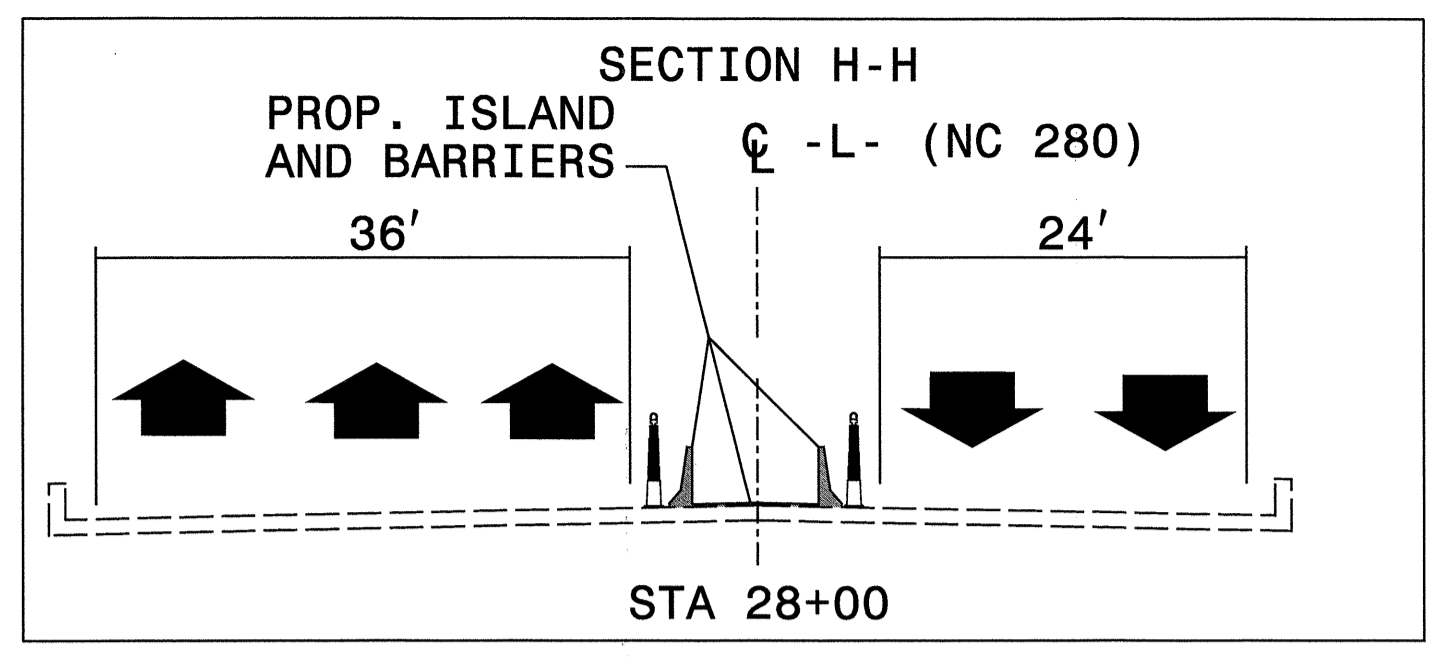
PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS IN FINAL PATTERN. SEE FINAL PAVEMENT MARKING PLANS FOR STATIONS AND DIMENSIONS.

APPROVED: *Michael R. Kiepa* DATE: 5-28-13

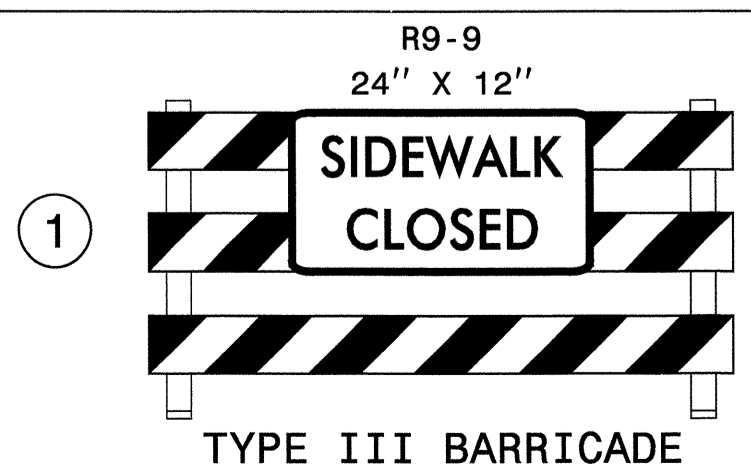
SEAL

PHASE II

SCALE: NONE		REVISIONS
DATE: MAY '13		
DWG. BY: YTM		
DESIGN BY: TAG		
REVIEWED BY: MTR		



PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS IN FINAL PATTERN. SEE FINAL PAVEMENT MARKING PLANS FOR STATIONS AND DIMENSIONS.

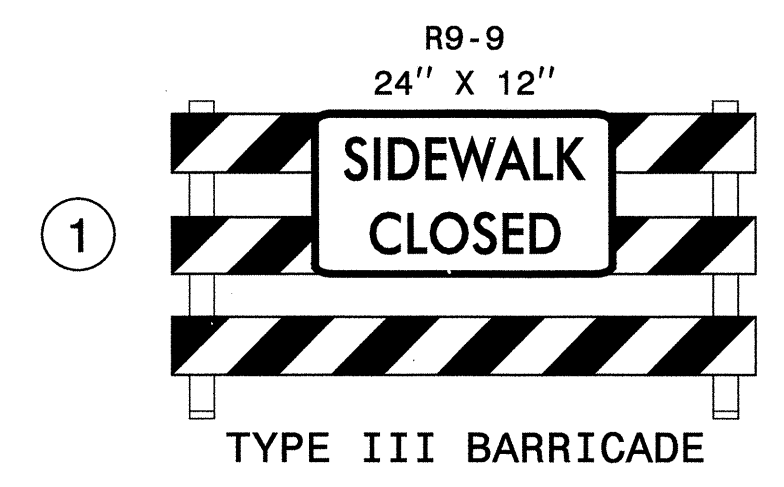
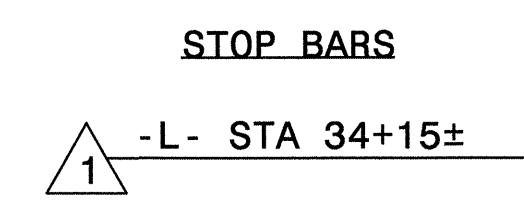
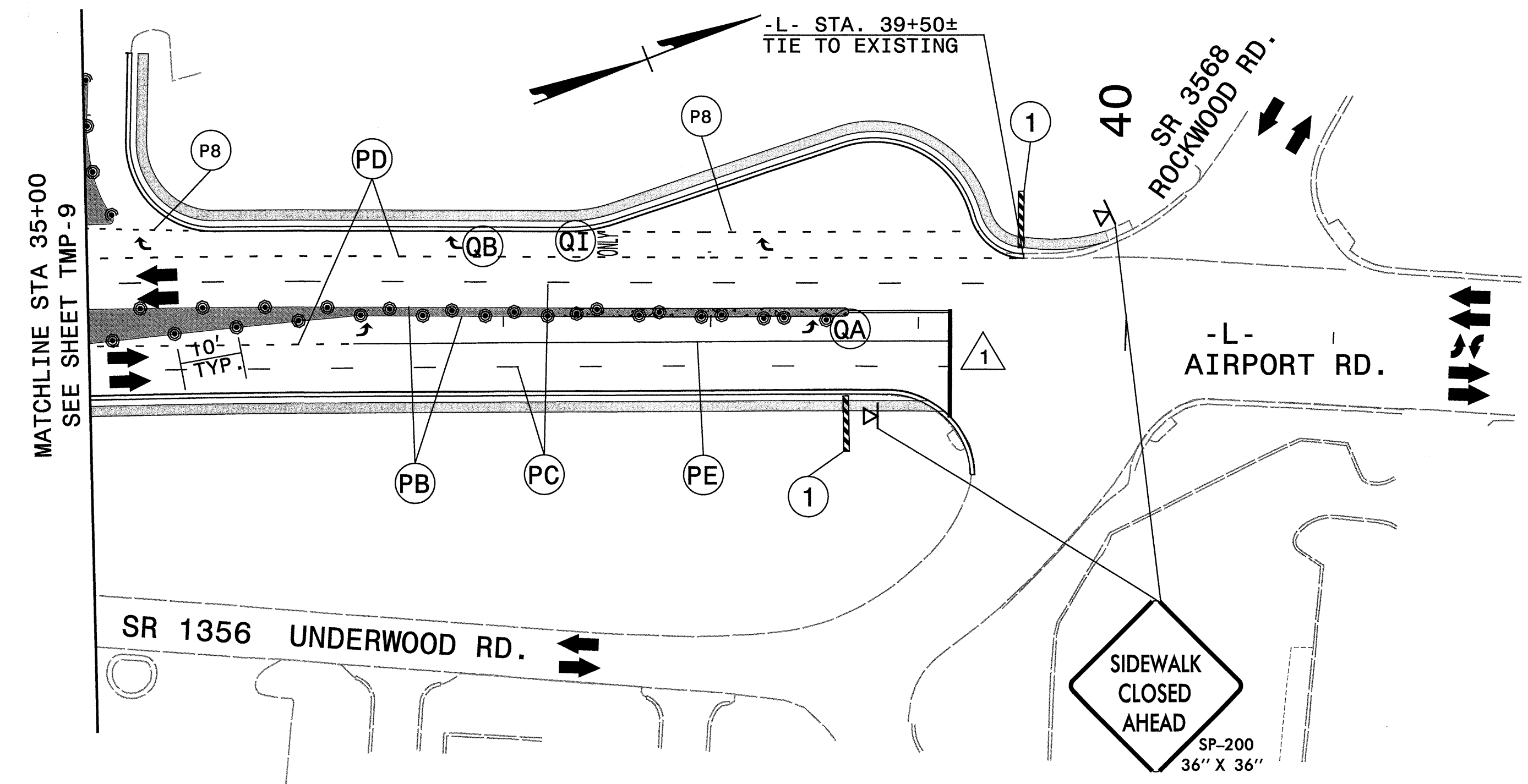


APPROVED: *Michael R. Zepke* DATE: 6-24-13
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEERS
 SEAL 15876
 MICHAEL T. ZEPKE

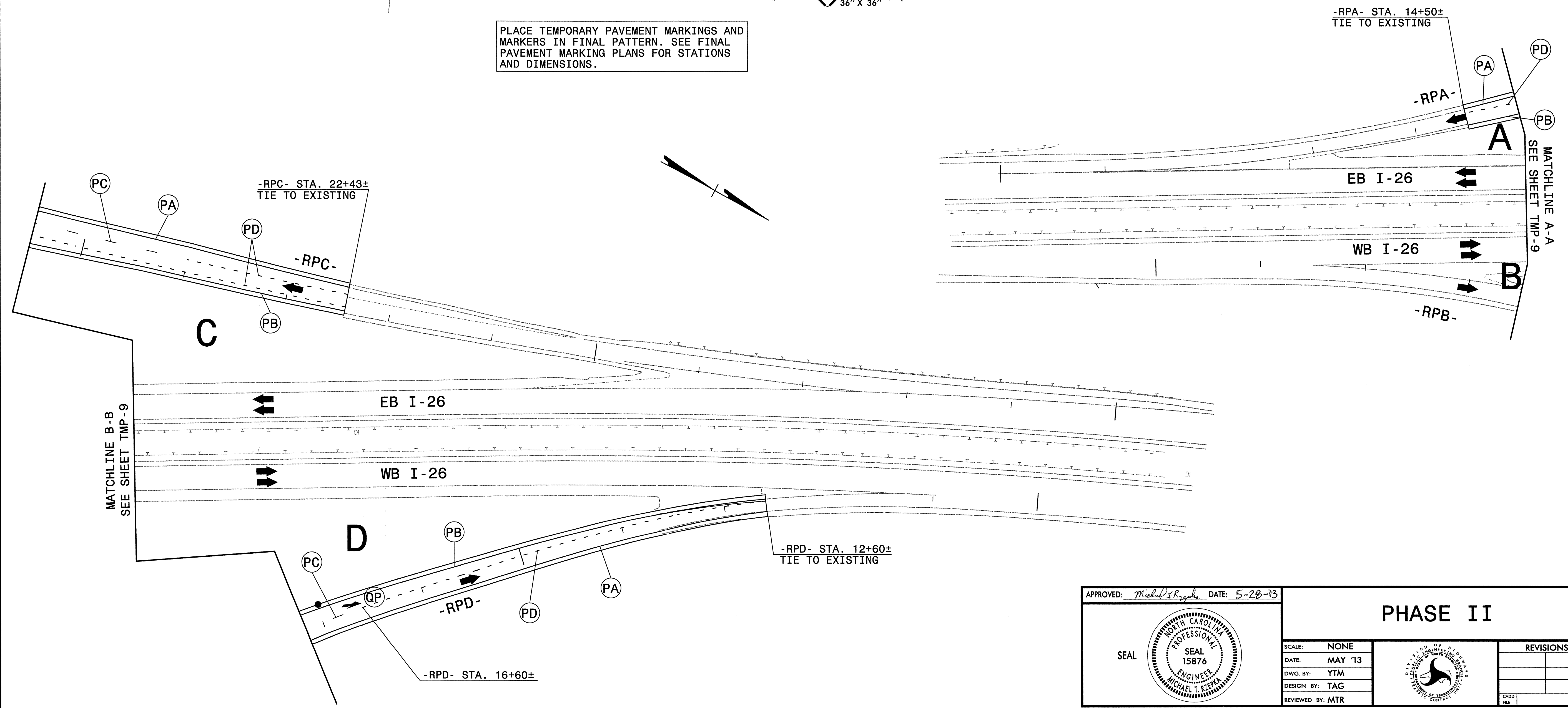
PHASE II

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PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS IN FINAL PATTERN. SEE FINAL PAVEMENT MARKING PLANS FOR STATIONS AND DIMENSIONS.



APPROVED: *Michael T. Rzepka* DATE: 5-28-13

SEAL

PHASE II

SCALE: NONE		REVISIONS
DATE: MAY '13		
DWG. BY: YTM		
DESIGN BY: TAG		
REVIEWED BY: MTR		

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