## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
R-2248H	TCP-1

# PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

# MECKLENBURG COUNTY

### 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	FLAGGING DEVICES
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS - (TEMPORARY & PERMANENT)

### INDEX OF SHEETS

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TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS		
TCP-2	PROJECT NOTES AND PHASING		
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TCP-5	ADVANCED WORK ZONE WARNING SIGNS		
TCP-6	ADVANCED WORK ZONE WARNING SIGN DESIGNS		

### **LEGEND**

#### **GENERAL**

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

PROPOSED PVMT. ----- EXIST. PVMT.

**WORK AREA** 

REMOVAL OF EXISTING PAVEMENT

### TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

FLASHING ARROW PANEL (TYPE C)

TYPE 'B' WARNING LIGHT

— STATIONARY SIGN

PORTABLE SIGN

STATIONARY OR PORTABLE SIGN

WARNING FLAGS

- CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)

POLICE

\_\_\_\_ FLAGGER

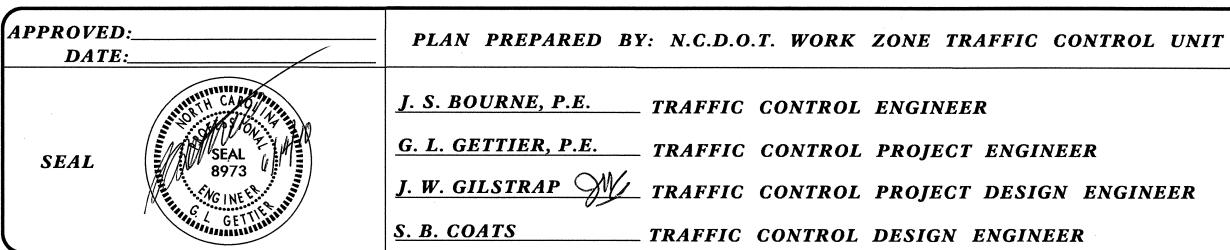
#### PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

→ YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



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

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

#### TIME RESTRICTIONS

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

ROAD NAME I-485

DAY AND TIME RESTRICTIONS MON-FRI 7:00 A.M. TO 9:00 A.M.

MON-FRI 4:00 P.M. TO 6:00 P.M.

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

ROAD NAME

I-485

#### **HOLIDAY**

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

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

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY AND 7:00 A.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 P.M. TUESDAY TO 7:00 A.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME I-485

DAY AND TIME RESTRICTIONS ANYTIME

D) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME I-485

DAY AND TIME RESTRICTIONS ANYTIME

**OPERATION** ALL

E) DO NOT CONDUCT SINGLE VEHICLE HAULING AS FOLLOWS; INGRESS AND EGRESS FROM RAMPS WILL BE ALLOWED:

**ROAD NAME** 

DAY AND TIME RESTRICTIONS MON-FRI 7:00 A.M. TO 9:00 A.M.

I-485

MON-FRI 4:00 P.M. TO 6:00 P.M. F) DO NOT CONDUCT MULTI-VEHICLE HAULING AS FOLLOWS; INGRESS AND

EGRESS FROM RAMPS WILL BE ALLOWED:

DAY AND TIME RESTRICTIONS

I-485

ROAD NAME

MON-FRI 7:00 A.M. TO 9:00 A.M. MON-FRI 4:00 P.M. TO 6:00 P.M.

G) 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

H) 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.

I) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT. OF AN OPEN TRAVEL LANE. CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

J) 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.

- K) 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.
- L) 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.
- M) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

#### 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 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.

O) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT. IN ADVANCE AND A MINIMUM 500 FT. OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

#### TRAFFIC PATTERN ALTERATIONS

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

#### **SIGNING**

- Q) 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.
- R) PROVIDE PERMANENT SIGNING.
- S) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

#### TRAFFIC CONTROL DEVICES

- T) 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, 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.
- 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 PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS SHOWN IN THE PAVEMENT MARKING PLAN.
- W) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

**ROAD NAME** GARRISON RD.

STRUCTURE

MARKING PAINT

TEMPORARY RAISED COLD APPLIED PLASTIC TEMPORARY RAISED TYPE IV - TAPE

MARKER

#### **MISCELLANEOUS**

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

### PHASING

#### PHASE I

CONTRACTOR SHALL INSTALL ALL ADVANCE WORK ZONE WARNING SIGNS ALONG I-485(-L-) AND SR 1148 (GARRISON RD./-YREV-/-YREV1-), SEE SHEET TCP-5.

CONTRACTOR SHALL WORK IN PHASE I, STEP 2 AND 3 SIMULTANEOUSLY.

STEP 2: CONSTRUCTION OF PROPOSED RAMPS.

- CONTRACTOR SHALL, USING RSD NO. 1101.02, SHEET 1 OF 9 (FOR SR 1148) AND RSD NO. 1101.02, SHEET 3 OF 9 (FOR I-485):
  - -- CONSTRUCT PROPOSED RAMPS UP TO, BUT NOT INCLUDING THE FINAL SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND SHEET TCP-3):

STA. 14+19+/- -RPA- TO STA. 31+38+/- -RPA-STA. 13+76+/- -RPB- TO STA. 27+54+/- -RPB-STA. 14+19+/- -RPC- TO STA. 25+80+/- -RPC-STA. 13+76+/- -RPD- TO STA. 27+80+/- -RPD-

-- INSTALL ALL PERMANENT SIGNING ON I-485 AND SR 1148 (SEE SIGNING PLANS).

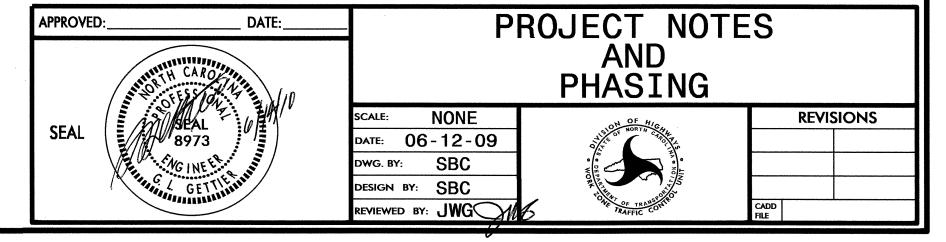
STEP 3: CONSTRUCTION OF PROPOSED SR 1148 (GARRISON RD./-YREV1-).

- A. CONTRACTOR SHALL, USING RSD NO. 1101.02, SHEET 1 OF 9:
  - -- REMOVE EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS (PAINT ON ASPHALT & COLD APPLIED PLASTIC TYPE IV/REMOVAL TAPE ON THE STRUCTURE) & TEMPORARY RAISED MARKERS FOR TWO 10' LANES IN A TWO-LANE, TWO-WAY TRAFFIC PATTERN ON THE LEFT SIDE OF EXISTING SR 1148 (SEE SHEET TCP-3).
  - -- INSTALL ADDITIONAL WORK ZONE SIGNS AND SHIFT TRAFFIC TO THE TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN ON SR 1148 (SEE SHEET TCP-3).
- CONTRACTOR SHALL, USING RSD NO. 1101.02, SHEET 1 OF 9:
  - -- CONSTRUCT, AS MUCH AS POSSIBLE UTILIZING TEMPORARY SLOPES AS APPROVED BY THE ENGINEER, THE RIGHT SIDE OF PROPOSED SR 1148 (INCLUDING ANY PRÓPOSED DRAINAGE) FOR A TWO LANE SECTION (20' MINIMUM) FROM STA. 50+50+/- -YREV1-TO STA. 55+50+/- - YREV1- (INCLUDING TIE-IN WITH PROPOSED RAMP "C") UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEET TCP-3).

NOTE: AT THE END OF EACH WORK PERIOD THE CONTRACTOR SHALL BACKFILL (SAFE UP) WITH A MINIMUM 6:1 SLOPE THE EXISTING SHOULDER ON THE CONSTRUCTION SIDE OF SR 1148.

- CONTRACTOR SHALL, USING RSD NO. 1101.02, SHEET 1 OF 9:
  - -- PLACE TEMPORARY PAVEMENT MARKINGS (PAINT ON ASPHALT & COLD APPLIED PLASTIC TYPE IV/REMOVAL TAPE ON THE STRUCTURE) & TEMPORARY RAISED MARKERS FOR TWO 10' LANES IN A TWO-LANE, TWO-WAY TRAFFIC PATTERN ON THE RIGHT SIDE OF PROPOSED SR 1148 (SEE SHEET TCP-4).
  - ADJUST/INSTALL ADDITIONAL WORK ZONE SIGNS AND SHIFT TRAFFIC TO THE TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN ON PROPOSED SR 1148 (SEE SHEET TCP-4).

NOTE: THE CONTRACTOR SHALL MAINTAIN ACCESS DURING CONSTRUCTION FROM PROPOSED SR 1148 TO EXISTING SR 1148 AS APPROVED BY THE ENGINEER UNTIL PROPOSED SR 1148/WEST BLVD. IS OPEN TO TRAFFIC.



# PROJ. REFERENCE NO. SHEET NO. TCP.-2A

## **PHASING**

#### PHASE I, STEP 3 (CONT.)

D. - USING RSD NO. 1101.02, SHEET 1 OF 9:

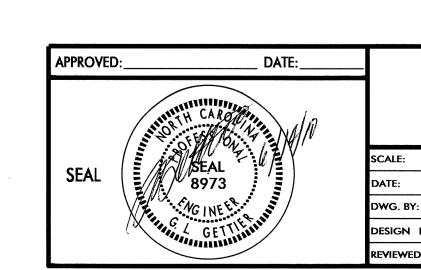
-- CONSTRUCT REMAINDER OF PROPOSED SR 1148 (LEFT SIDE) (INCLUDING PROPOSED CURB & GUTTER AND ANY PROPOSED DRAINAGE) FROM STA. 50+50+/- -YREV1- TO STA. 55+50+/- -YREV1- (INCLUDING TIE-IN WITH PROPOSED RAMP "D") UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEET TCP-4).

NOTE: AS APPROVED BY THE ENGINEER THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR OF THE PROPOSED WEST BLVD. TO MAINTAIN ACCESS TO EXISTING SR 1148 DURING CONSTRUCTION AND WHEN PROPOSED SR 1148/WEST BLVD. IS OPEN TO TRAFFIC.

#### PHASE II

NOTE: CLOSE COORDINATION BETWEEN BOTH CONTRACTORS IS REQUIRED DURING THIS PHASE TO CONSTRUCT THE REMAINDER OF PROPOSED RAMPS AND SR 1148 (GARRISON RD./-YREV-/-YREV1-).

- STEP 1: COMPLETE ALL CONSTRUCTION AS REQUIRED BY PHASE I, STEP 2 & 3 AND UPON COMPLETION OF PROPOSED WEST BLVD./SR 1148 BY OTHERS, THE CONTRACTOR SHALL, USING RSD NO. 1101.02, SHEET 1 OF 9 (FOR SR 1148) AND RSD NO. 1101.02, SHEET 3 OF 9 (FOR I-485):
  - -- CONSTRUCT PROPOSED CONCRETE ISLANDS ON SR 1148 (SEE CONSTRUCTION PLANS).
  - -- PAVE THE FINAL LAYER OF SURFACE COURSE ON PROPOSED RAMPS AND SR 1148 (SEE CONSTRUCTION PLANS).
  - -- REMOVE EXISTING PAVEMENT MARKING ON EXISTING SR 1148 AS REQUIRED AND PLACE THE FINAL PAVEMENT MARKING & MARKERS ON THE ENTIRE PROJECT AND OPEN TO THE FINAL TRAFFIC PATTERN (SEE FINAL PAVEMENT MARKING PLAN).
- STEP 2: CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES FROM THE PROJECT.



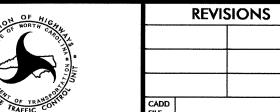
PHASING (CONT.)

NONE

06-12-09

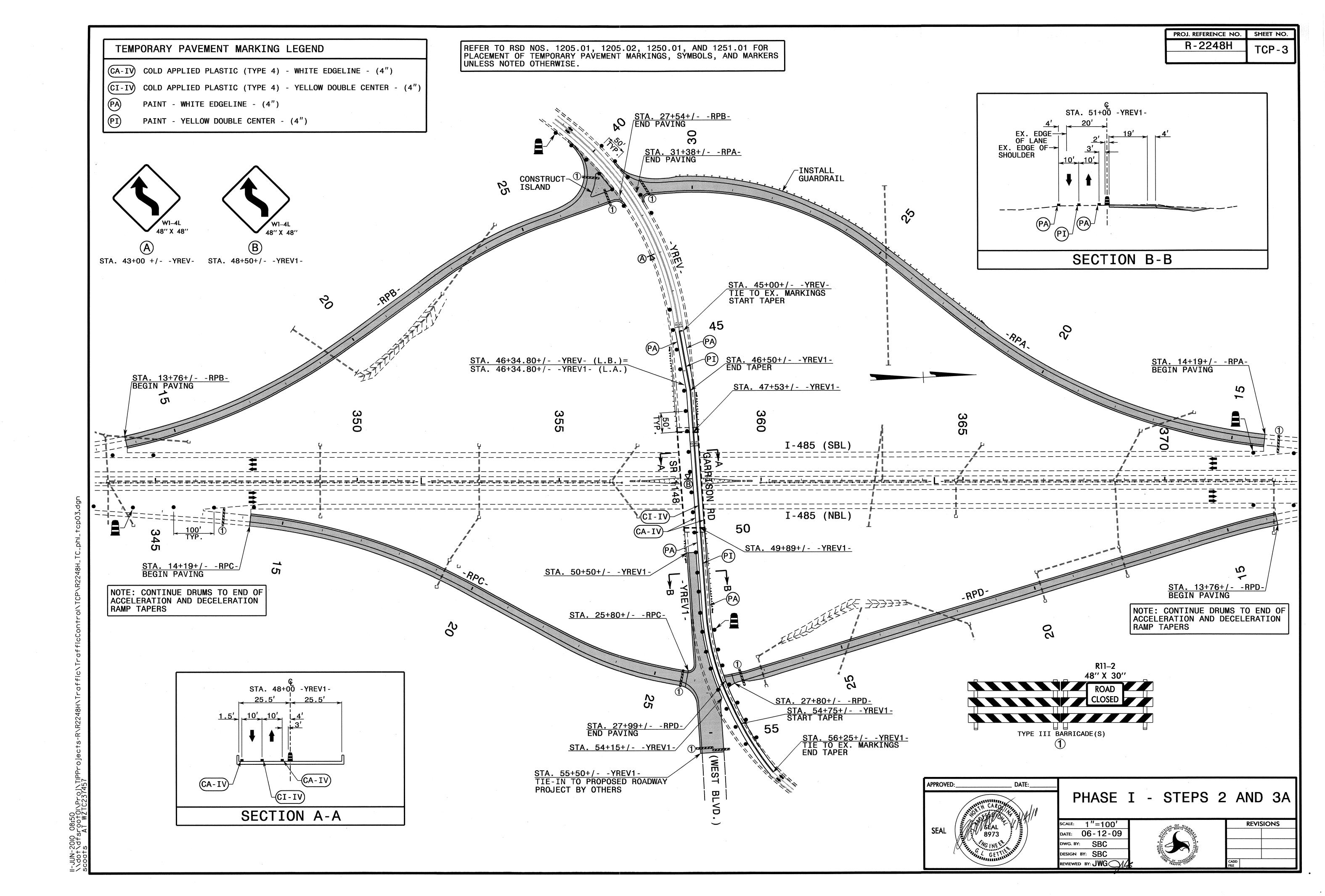
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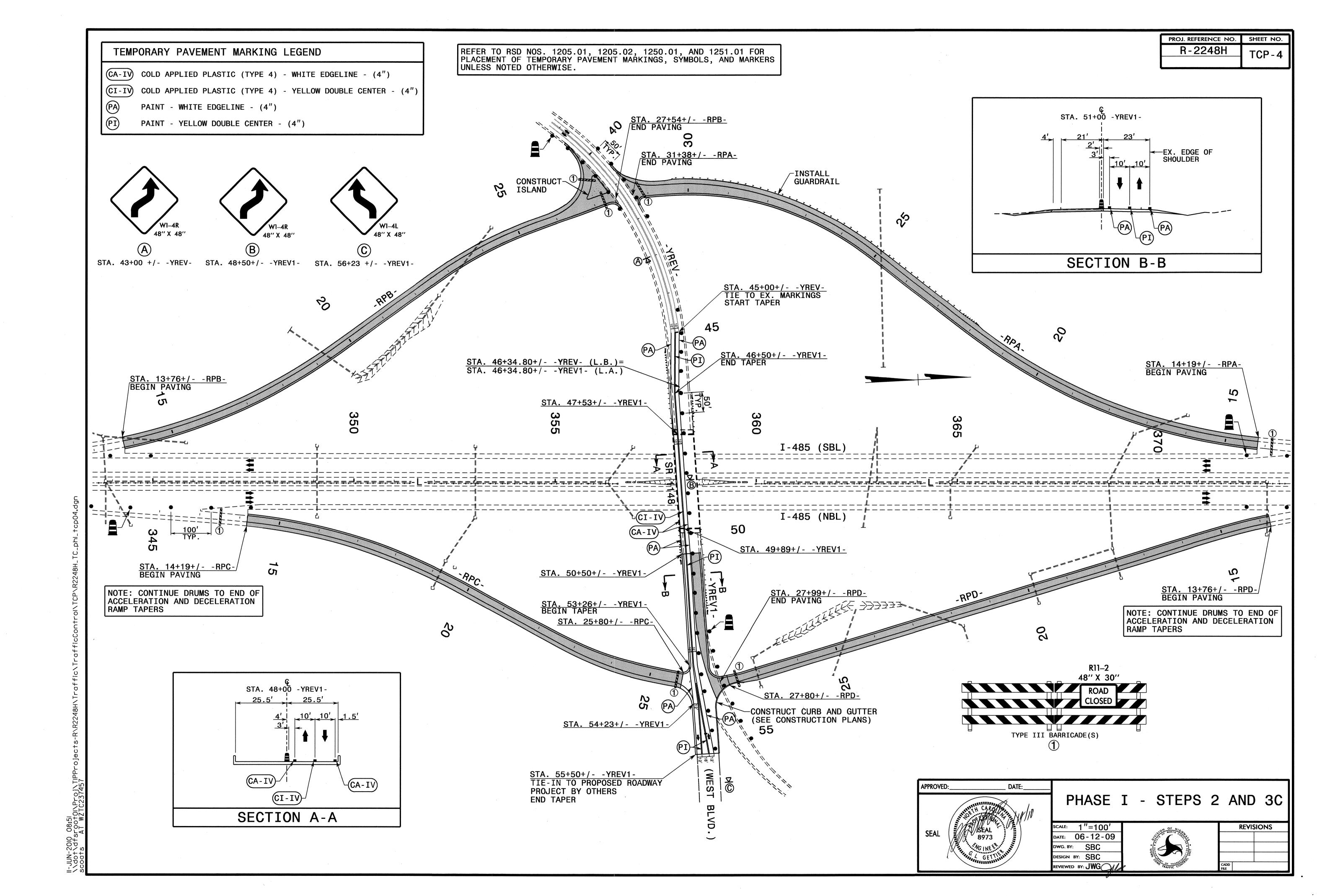
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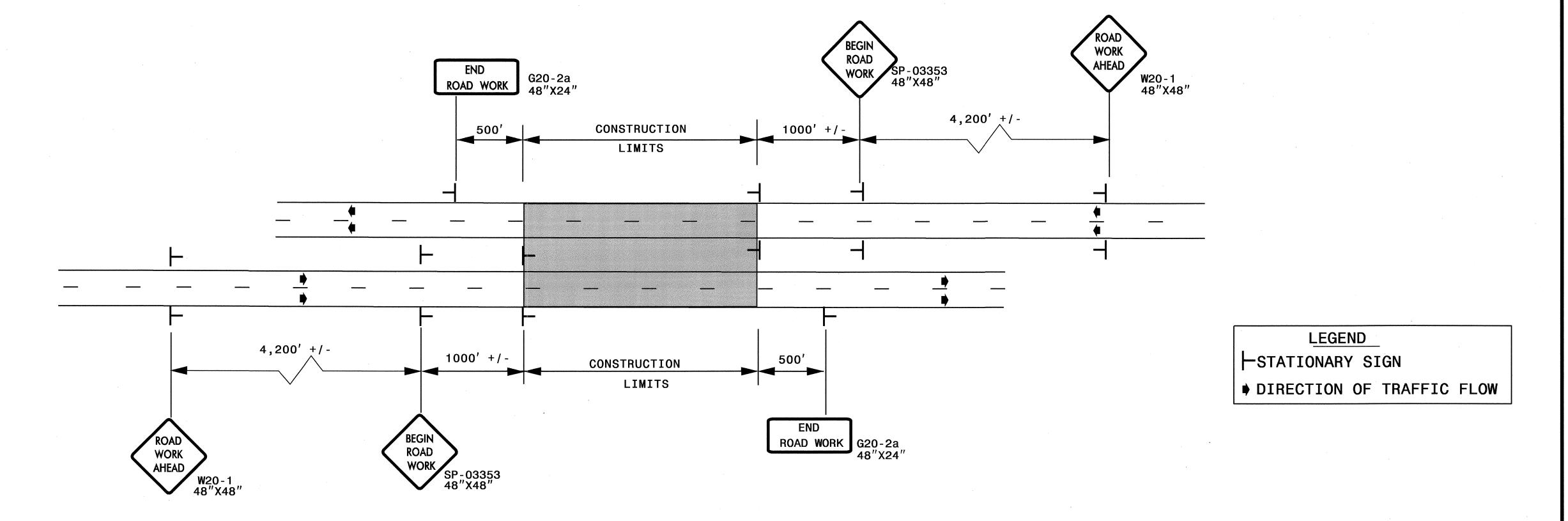




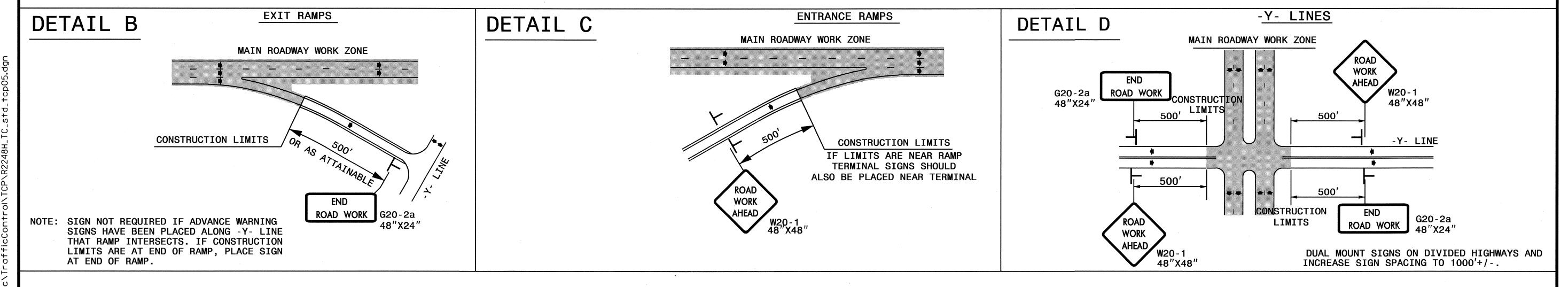
### ADVANCED WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

PROJ. REFERENCE NO. SHEET NO. TCP-5

### DETAIL A

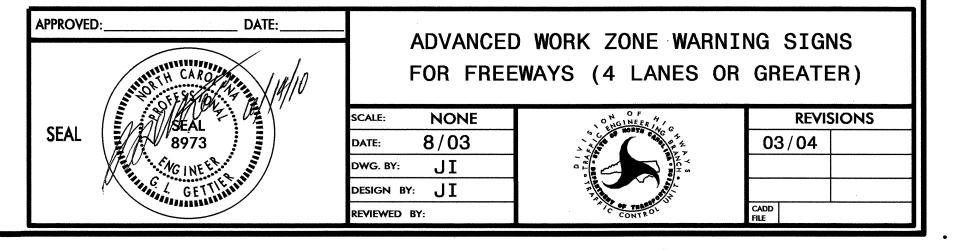


USE THE "\$250 SPEEDING PENALTY" SIGN, SPEED LIMIT SIGN, AND ORANGE PANEL; ONLY WHEN A "\$250 SPEEDING PENALTY" ORDINANCE HAS BEEN ISSUED BY THE REGIONAL TRAFFIC ENGINEER.



### GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) 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.

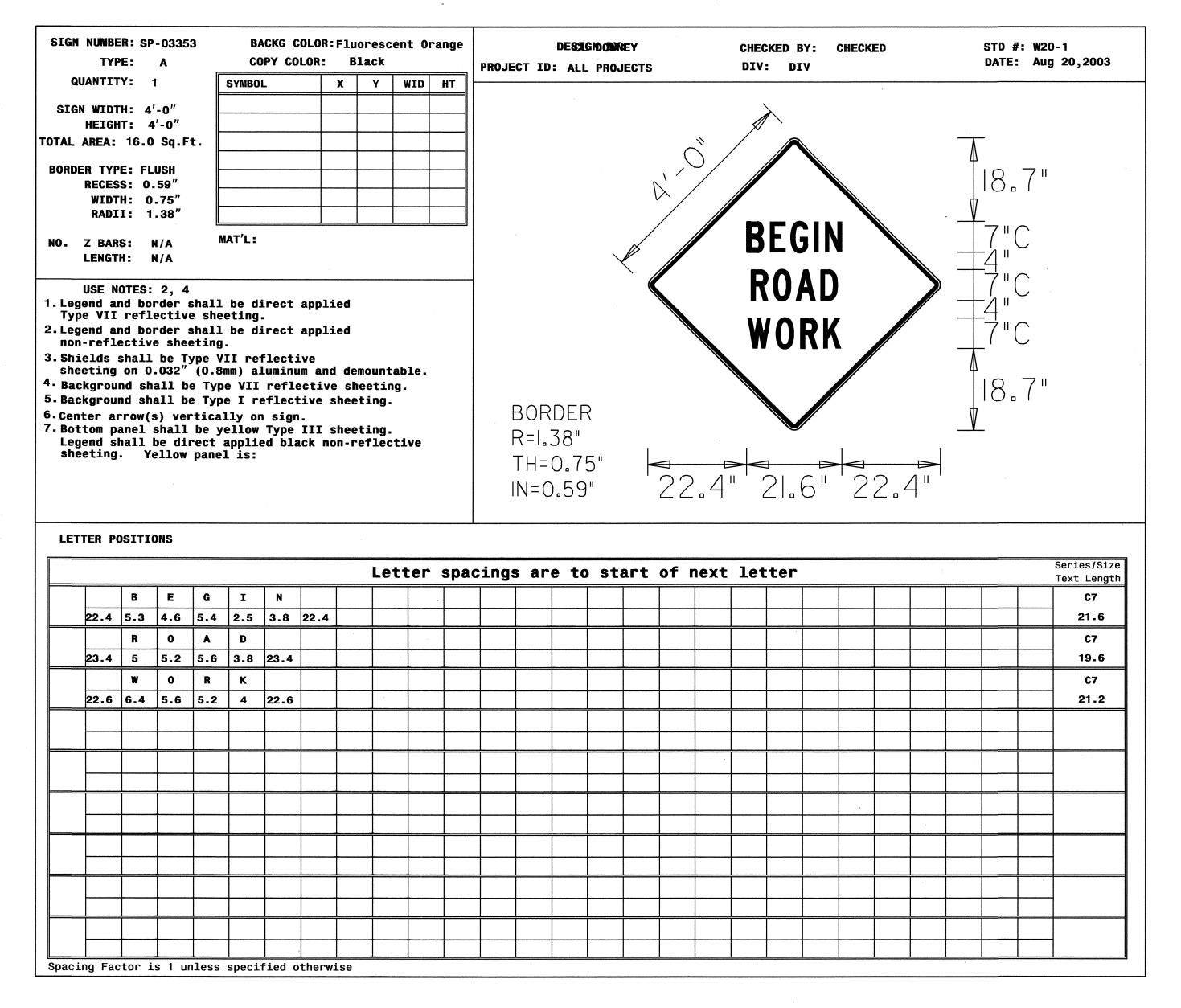


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PROJ. REFERENCE NO. SHEET NO.

R-2248H TCP-6

### SP 03353



### GENERAL NOTES FOR THE "BEGIN ROAD WORK" SIGN

- -SIGN SP-03353 "BEGIN ROAD WORK" ONLY APPLIES TO FULL CONTROL AND PARTIAL CONTROL OF ACCESS ROADWAYS
- -WHEN USED, INSTALL SIGN SP-03353 "BEGIN ROAD WORK" ACCORDING TO DETAIL A ON SHEET TCP-5.

APPROVED: DATE: DATE:		DETAIL DRAWING FOR ADVANCED WORK ZONE WARNING SIGN DESIGNS		
SEAL SEAL	EAL 973	SCALE: NONE DATE:	OF HICK	REVISIONS
XIII NG	INE ERA	DWG. BY:	NO.	
	GETTIENT	DESIGN BY:		
(	Miller	REVIEWED BY:	TRAFFIC CONTE	CADD FILE