STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. SHEET NO. TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

MACON COUNTY

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		
1101.04	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		
1130.01	DRUM		
1135.01	CONES		
1145.01	BARRICADES		
1150.01	FLAGGING DEVICES		
1180.01	SKINNY-DRUM		
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		
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES		
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS		
1250.01	PAVEMENT MARKER SPACING		
1251.01	RAISED PAVEMENT MARKERS (TEMPORARY)		
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS		
1261.01	GUARDRAIL & BARRIER DELINEATOR SPACING		
1261.02	GUARDRAIL & BARRIER DELINEATOR TYPES		
1262.01	GUARDRAIL END DELINEATION		

	TEMPORA	ARY PAVEMENT MARKING	SCHEDULE	
SYMBOL	DESCRIPTION	TEMPORARY PAVEMENT MARKINGS	PAY ITEM QUANITY BREAKDOWN	TOTAL QUANTITY
PA	WHITE EDGELINE (2X)	PAINT (4")	16,400 L.F.	
PΙ	YELLOW DOUBLE CENTER (2X)		16,400 L.F.	TOTAL 32,800 L.F.
MARKERS				
TEMPORARY RAISED PAVEMENT MARKERS				
МН	YELLOW & YELLOW		96 EA.	
				TOTAL 96 EA.
NOTE: FOR EACH PAINT PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATIONS. AND 3X IMPLIES THREE APPLICATIONS.				

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS, AND TEMPORARY PAVEMENT MARKING SCHEDULE
TCP-2	PROJECT NOTES
TCP-3	PHASING
TCP-4	PHASE I - OFFSITE DETOUR - RIVERVIEW ST.
TCP-5	PHASE I DETAILS
TCP-6	PHASE I - OFFSITE DETOUR - NC 28
TCP-7	PHASE II - OFFSITE DETOUR - RIVERVIEW ST. AND NC 28
TCP-8	PHASE II DETAILS
TCP-9	ADVANCE WORK ZONE WARNING SIGNS
SD-1	SIGN DESIGN - RIVERVIEW STREET
PM-1	FINAL PAVEMENT MARKING SCHEDULE
PM-2 THRU 4	FINAL PAVEMENT MARKINGS

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

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

WC

WORK AREA

REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

CONE

■ DRUM ⑥ SKINNY DRUM

FLASHING ARROW PANEL (TYPE C)

- STATIONARY SIGN

PORTABLE SIGN

STATIONARY OR PORTABLE SIGN

WARNING FLAGS

---- CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)

POLICE

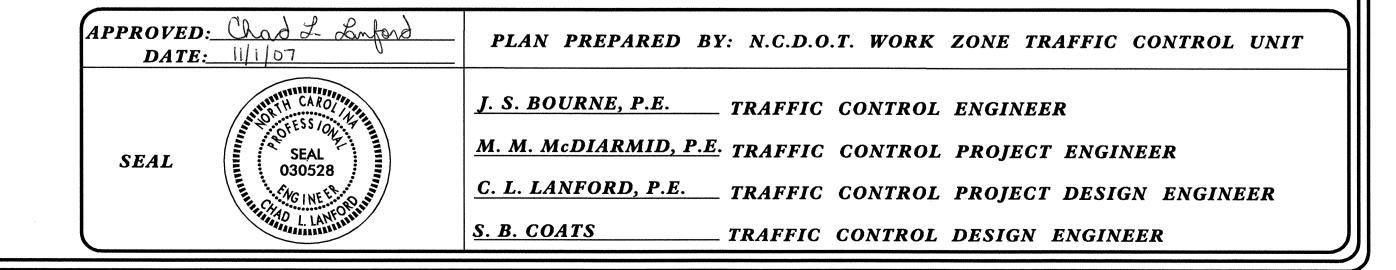
PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

◆ YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



TIP PROJECT:

GENERAL NOTES

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

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.

TIME RESTRICTIONS

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

ROAD NAME

NC 28

SR 1323 (RIVERVIEW ST.)

(BRYSON CITY RD.)

HOLIDAY

- 1. FOR UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2. FOR NEW YEAR'S DAY, BETWEEN THE HOURS OF 4:00 P.M. DECEMBER 31ST AND 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.
- 3. FOR EASTER, BETWEEN THE HOURS OF 4:00 P.M. THURSDAY AND 9:00 A.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 4:00 P.M. FRIDAY TO 9:00 A.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 4:00 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 4:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 4:00 P.M. FRIDAY AND 9:00 A.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 4:00 P.M. TUESDAY TO
- 8. 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 TUESDAY AFTER THE WEEK OF CHRISTMAS DAY.
- 9. FOR SUMMER FESTIVALS, BETWEEN THE HOURS OF 7:00 A.M. THE FIRST DAY OF THE SUMMER FESTIVAL AND 7:00 A.M. THE FOLLOWING DAY AFTER THE END OF THE SUMMER FESTIVAL.

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 15 FT OF AN 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.
- 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.

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.

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) 200 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.
- STATE FORCES SHALL BE RESPONSIBLE FOR 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) 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 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.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME <u>MARKING</u> <u>MARKER</u> -L- (SR 1323) THERMO SNOWPLOWABLE -Y1- (NC 28) THERMO SNOWPLOWABLE

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

ROAD NAME	<u>MARKING</u>	<u>MARKER</u>
-L- (SR 1323)	PAINT	TEMPORARY RAISED

- T) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- U) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

V) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAYS TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION, AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) AND RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USÉ DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

APPROVED: Chad & Lonford DATE: 11/1/07 SEAL SEAL DATE: 11-01-07 030528 DWG. BY: SBC DESIGN BY: SBC REVIEWED BY: CLL

PROJECT NOTES

NONE

REVISIONS

OI-NOV-2007 \\Dot\dfsrc

PHASING

PHASE I

STEP 1. INSTALL ALL WORK ZONE ADVANCE WARNING SIGNS ON NC 28 (BRYSON CITY RD.), SR 1323 (RIVERVIEW ST.), SR 1489 (IOTLA ST.), RIVERVIEW HEIGHTS, AND WOODLAND HILLS DR.. IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECS SECTION 1110. ADVANCE WARNING SIGNS SHALL BE INSTALLED WHEN CONSTRUCTION IS WITHIN 40 FEET OF EXISTING TRAVEL LANE, (SEE TCP-9).

AWAY FROM TRAFFIC AND USING FLAGGERS, BEGIN CLEARING, GRUBBING AND UTILITY INSTALLATION AS DIRECTED BY THE ENGINEER.

STEP 2. USING RSD NO. 1101.03 (SHEET 1 OF 9) IN CONJUNCTION WITH TCP-4, INSTALL ALL OFFSITE DETOUR SIGNING. IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECS 1110.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEP 3 THRU STEP 11 IN 60 CONSECUTIVE CALENDER DAYS. (SEE INTERMEDIATE CONTRACT AND LIQUIDATED DAMAGES).

- STEP 3. USING SIGNS AS SHOWN ON TCP-4 AND TCP-5, CLOSE SR 1323 (RIVERVIEW STREET) FROM STA. 41+00+/- -L- TO STA. 43+00+/- -L-. MAINTAIN ACCESS TO ALL ROADS AND DRIVEWAYS, AS DIRECTED BY THE ENGINEER.
- STEP 4. AWAY FROM TRAFFIC, CONSTRUCT UP TO EXISTING SHOULDER ELEVATIONS, INCLUDING DRAINAGE AS FOLLOWS (SEE TCP-5):

 STA. 41+00+/- -L- TO STA. 43+00+/- -L-
- STEP 5. AWAY FROM TRAFFIC, REPAIR PAVEMENT AND REPLACE OBLITERATED PAVEMENT MARKINGS.
- STEP 6. USING FLAGGERS, RELOCATE TYPE III BARRICADES AND STATIONARY SIGNS AS SHOWN ON TCP-4 (INSET "A") AND TCP-5, CLOSE SR 1323 (RIVERVIEW ST.) FROM STA. 19+50+/- -L- TO STA. 29+00+/- -L-. MAINTAIN ACCESS TO ALL ROADS AND DRIVEWAYS, AS DIRECTED BY THE ENGINEER.
- STEP 7. AWAY FROM TRAFFIC, CONSTRUCT UP TO AND INCLUDING BASE COURSE, DRAINAGE, EXPRESSWAY GUTTER, AND GUARDRAIL AS FOLLOWS (SEE TCP-5):

STA. 19+50+/- -L- TO STA. 29+00+/- -L- USING FLAGGERS, WIDEN UP TO BASE COURSE, INCLUDING DRAINAGE,

EXPRESSWAY GUTTER, AND GUARDRAIL AS FOLLOWS (SEE TCP-5):

STA. 17+50+/- -L- TO STA. 19+50+/- -L
STA. 29+00+/- -L- TO STA. 31+00+/- -L-

REMOVE PAVEMENT AS SHOWN ON TCP-5.

STEP 8. USING FLAGGERS, PERFORM MILLING AND PAVE BASE COURSE AS FOLLOWS (SEE TCP-5):

STA. 17+50+/- -L- TO STA. 19+50+/- -L- STA. 29+00+/- -L- TO STA. 31+00+/- -L-

STEP 9. USING FLAGGERS, PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE AS FOLLOWS (SEE TCP-5):

STA. 17+50+/- -L- TO STA. 31+00+/- -L-

STEP 10. USING FLAGGERS, PLACE TEMPORARY (PAINT) PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TCP-5):

STA. 17+50+/- -L- TO STA. 31+00+/- -L-

STEP 11. USING FLAGGERS, REMOVE DETOUR SIGNING AND TYPE III BARRICADES. OPEN SR 1323 (RIVERVIEW ST.) TO 2-LANE, 2-WAY TRAFFIC.

STEP 12. USING RSD NO. 1101.03 (SHEET 1 OF 9) IN CONJUNCTION WITH TCP-6, INSTALL ALL OFFSITE DETOUR SIGNING. IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECS 1110.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEP 13 THRU STEP 16 IN 10 CONSECUTIVE CALENDER DAYS. (SEE INTERMEDIATE CONTRACT AND LIQUIDATED DAMAGES).

- STEP 13. USING SIGNS AS SHOWN ON TCP-6, CLOSE NC 28 (BRYSON CITY RD.) FROM STA. 12+75+/- -Y1- TO STA. 13+75+/- -Y1-. MAINTAIN ACCESS TO ALL ROADS AND DRIVEWAYS, AS DIRECTED BY THE ENGINEER.
- STEP 14. AWAY FROM TRAFFIC, CONSTRUCT UP TO EXISTING SHOULDER ELEVATIONS, INCLUDING DRAINAGE AS FOLLOWS:

STA. 12+75+/- -Y1- TO STA. 13+75+/- -Y1-

- STEP 15. AWAY FROM TRAFFIC, REPAIR PAVEMENT AND REPLACE OBLITERATED PAVEMENT MARKINGS.
- STEP 16. USING FLAGGERS, REMOVE DETOUR SIGNING AND TYPE III BARRICADES. OPEN NC 28 (BRYSON CITY RD.) TO 2-LANE, 2-WAY TRAFFIC.

PHASE II

STEP 1. USING FLAGGERS, WIDEN UP TO AND INCLUDING BASE COURSE, INCLUDING DRAINAGE, EXPRESSWAY GUTTER, AND GUARDRAIL AS FOLLOWS:

STA. 10+00+/- -L- TO STA. 17+50+/- -L- STA. 31+00+/- -L- TO STA. 48+50+/- -L-

USING FLAGGERS, CONSTRUCT UP TO EXISTING EDGE OF SHOULDER ELEVATIONS, INCLUDING DRAINAGE AS FOLLOWS:

STA. 48+50+/- -L- TO STA. 56+50+/- -L-STA. 10+40+/- -Y1- TO STA. 16+20+/- -Y1-

TEP 2. USING RSD NO. 1101.03 (SHEET 1 OF 9) IN CONJUNCTION WITH TCP-7, INSTALL ALL OFFSITE DETOUR SIGNING. IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECS 1110.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE II, STEP 3 THRU STEP 12 IN 20 CONSECUTIVE CALENDER DAYS. (SEE INTERMEDIATE CONTRACT AND LIQUIDATED DAMAGES).

- STEP 3. USING SIGNS AS SHOWN ON TCP-7, CLOSE NC 28 (BRYSON CITY RD.)
 FROM STA. 10+40+/- -Y1- TO STA. 12+50+/- -Y1- AND SR 1323
 (RIVERVIEW ST.) FROM STA. 48+50+/- -L- TO STA. 56+50+/- -L-.
 MAINTAIN ACCESS TO ALL ROADS AND DRIVEWAYS, AS DIRECTED BY THE ENGINEER.
- STEP 4. USING FLAGGERS, PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE AS FOLLOWS:

STA. 10+00+/- -L- TO STA. 17+50+/- -L-STA. 31+00+/- -L- TO STA. 48+50+/- -L-

STEP 5. USING FLAGGERS, PLACE TEMPORARY (PAINT) PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TCP-8):

STA. 10+00+/- -L- TO STA. 18+50+/- -LSTA. 30+00+/- -L- TO STA. 48+50+/- -L-

STEP 6. AWAY FROM TRAFFIC, CONSTRUCT UP TO BASE COURSE, INCLUDING EXPRESSWAY GUTTER, AND GUARDRAIL AS FOLLOWS (SEE TCP-8):

STA. 48+50+/- -L- TO STA. 56+00+/- -LSTA. 10+40+/- -Y1- TO STA. 12+00+/- -Y1
USING FLAGGERS, WIDEN UP TO BASE COURSE, INCLUDING EXPRESSWAY GUTTER, AND GUARDRAIL AS FOLLOWS (SEE TCP-8):

STEP 7. USING FLAGGERS, PERFORM MILLING AND PAVE BASE COURSE AS FOLLOWS (SEE TCP-8):

STA. 56+00+/- -L- TO STA. 56+50+/- -L-

STA. 12+00+/- -Y1- TO STA. 16+20+/- -Y1-

STA. 56+00+/- -L- TO STA. 56+50+/- -L-

STA. 12+00+/- -Y1- TO STA. 16+20+/- -Y1-

USING FLAGGERS, PAVE UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE AS FOLLOWS:

STA. 56+00+/- -L- TO STA. 57+50+/- -L-

STA. 12+00+/- -Y1- TO STA. 16+20+/- -Y1-

AWAY FROM TRAFFIC, PAVE UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE AS FOLLOWS:

STA. 48+50+/- -L- TO STA. 56+00+/- -L-STA. 10+40+/- -Y1- TO STA. 12+00+/- -Y1-

- STEP 8. AWAY FROM TRAFFIC, INSTALL SIGNALS AT THE INTERSECTION OF -L- (RIVERVIEW ST.) AND -Y1- (NC 28). SEE SIGNAL PLANS.
- STEP 9. AWAY FROM TRAFFIC, PAVE FINAL SURFACE COURSE AS FOLLOWS:

STA. 48+50+/- -L- TO STA. 56+00+/- -L-STA. 10+40+/- -Y1- TO STA. 12+00+/- -Y1-

USING FLAGGERS, PAVE FINAL SURFACE COURSE AS FOLLOWS:

STA. 10+00+/- -L- TO STA. 48+50+/- -L-

STA. 56+00+/- -L- TO STA. 57+50+/- -L-

STA. 12+00+/- -Y1- TO STA. 16+20+/- -Y1STEP 10. USING FLAGGERS, PLACE FINAL (THERMO) PAVEMENT MARKINGS

AND MARKERS AS FOLLOWS (SEE PM-2 THRU PM-4): STA. 10+00+/- -L- TO STA. 48+50+/- -L-

STA. 56+00+/- -L- TO STA. 46+50+/- -L-STA. 56+00+/- -L-

STA. 12+00+/- -Y1- TO STA. 16+20+/- -Y1-

AWAY FROM TRAFFIC, PLACE FINAL (THERMO) PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE PM-2 THRU PM-4):

STA. 48+50+/- -L- TO STA. 56+00+/- -L-

STA. 10+47+/- -Y1- TO STA. 12+00+/- -Y1-

- STEP 11. AWAY FROM TRAFFIC, ACTIVATE SIGNALS AT THE INTERSECTION OF -L- (RIVERVIEW ST.) AND -Y1- (NC 28).
- STEP 12. USING FLAGGERS, REMOVE DETOUR SIGNING AND TYPE III BARRICADES. OPEN NC 28 (BRYSON CITY RD.) AND SR 1323 (RIVERVIEW ST.) TO 2-LANE, 2-WAY TRAFFIC.

SEAL SEAL O30528

PHASING

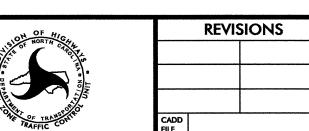
SCALE: NONE

DATE: 07-23-08

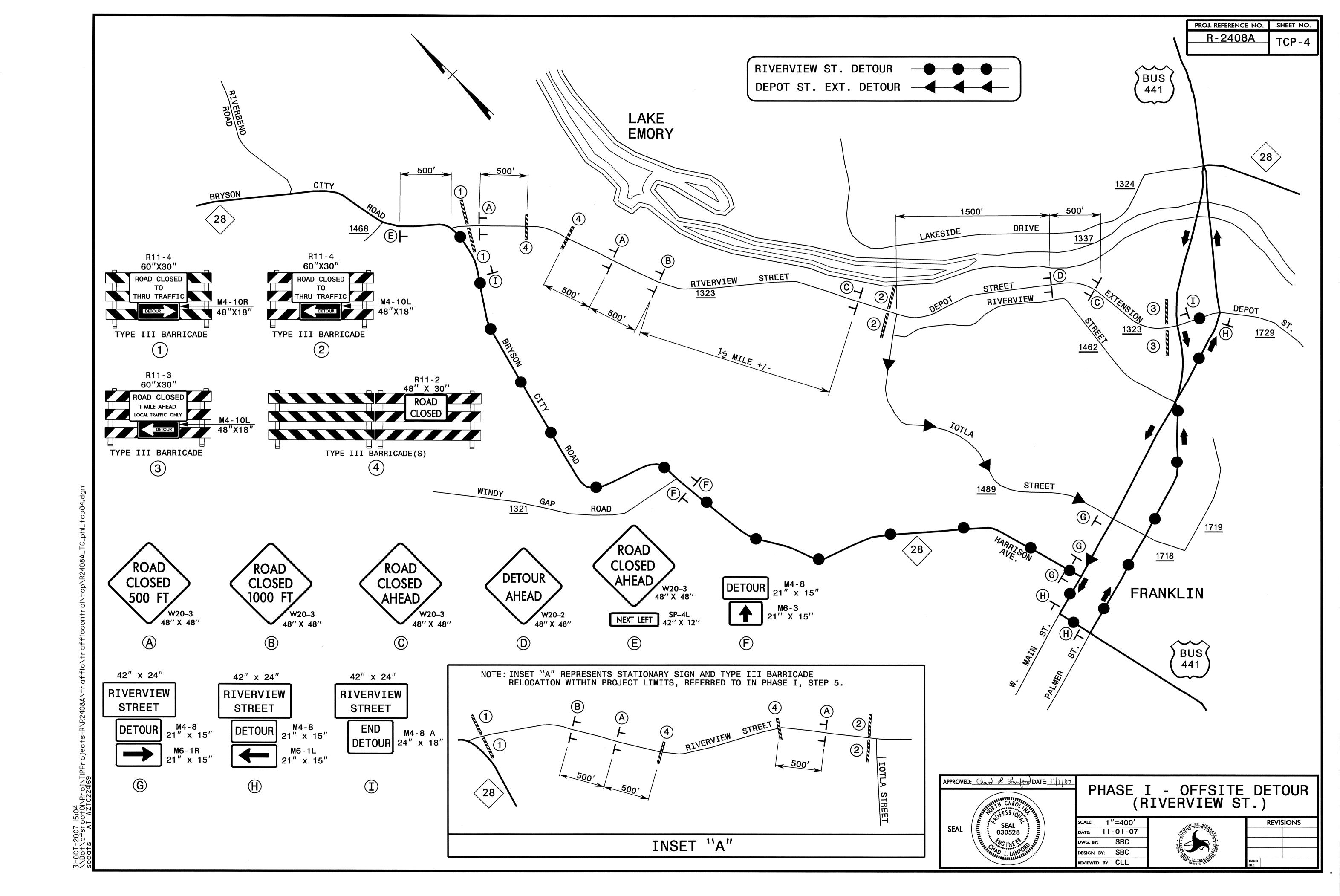
DWG. BY: SBC

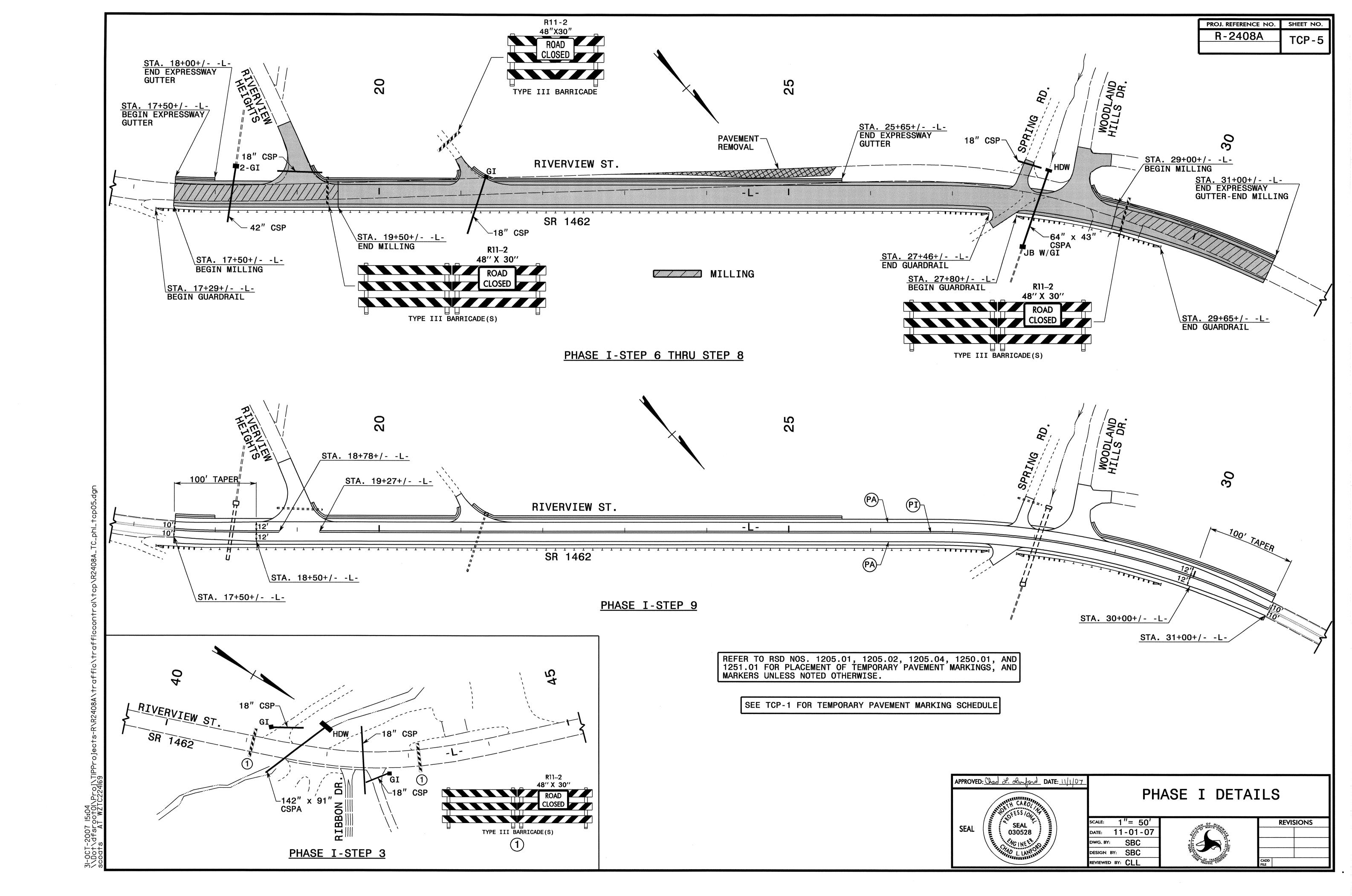
DESIGN BY: SBC

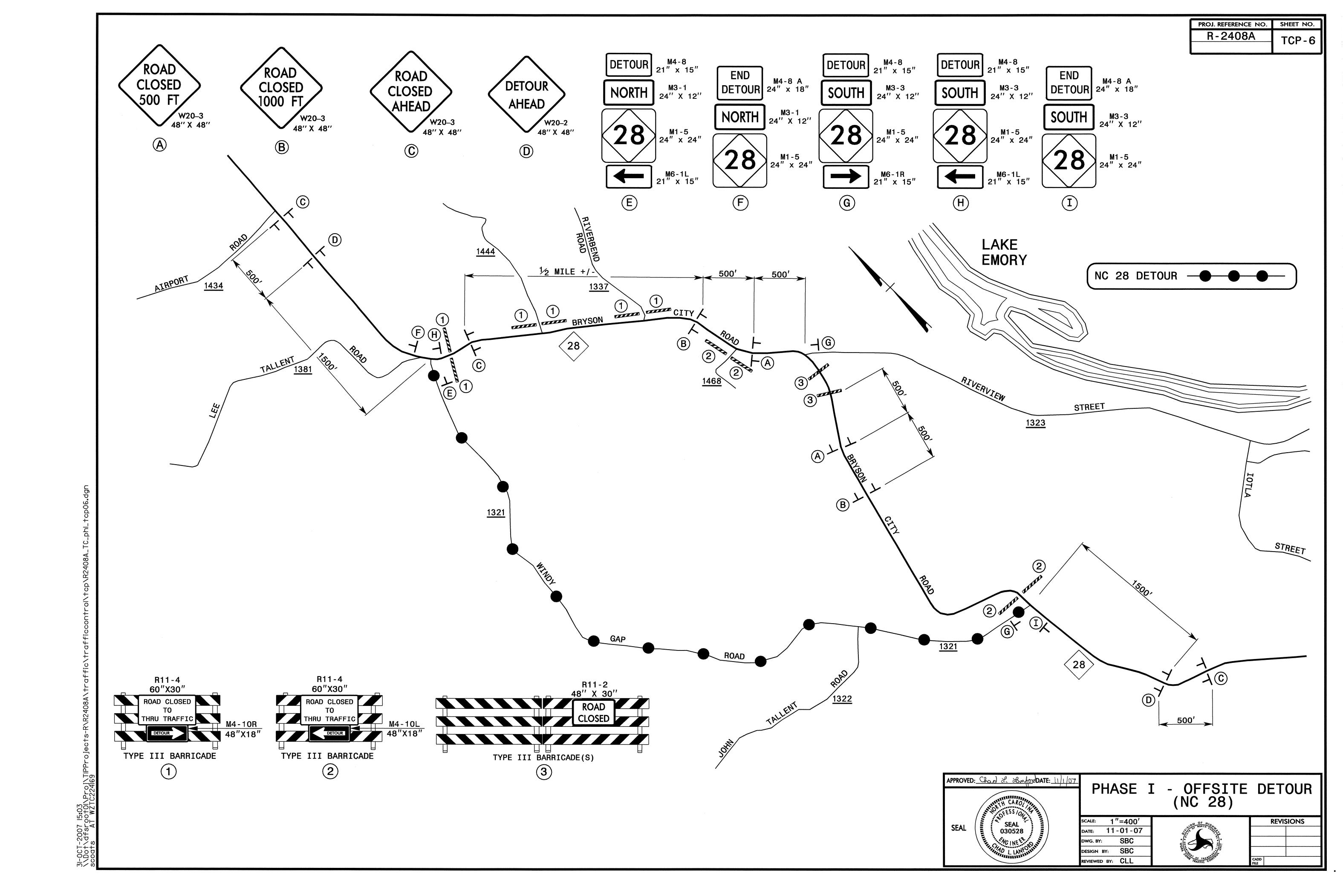
REVIEWED BY: CLL



Olyprojstore/proj/tipprojects-r/r2408a\traffic\trafficontrol\tcp\r2408a_tc_gen_tcp(W7TC2436|||

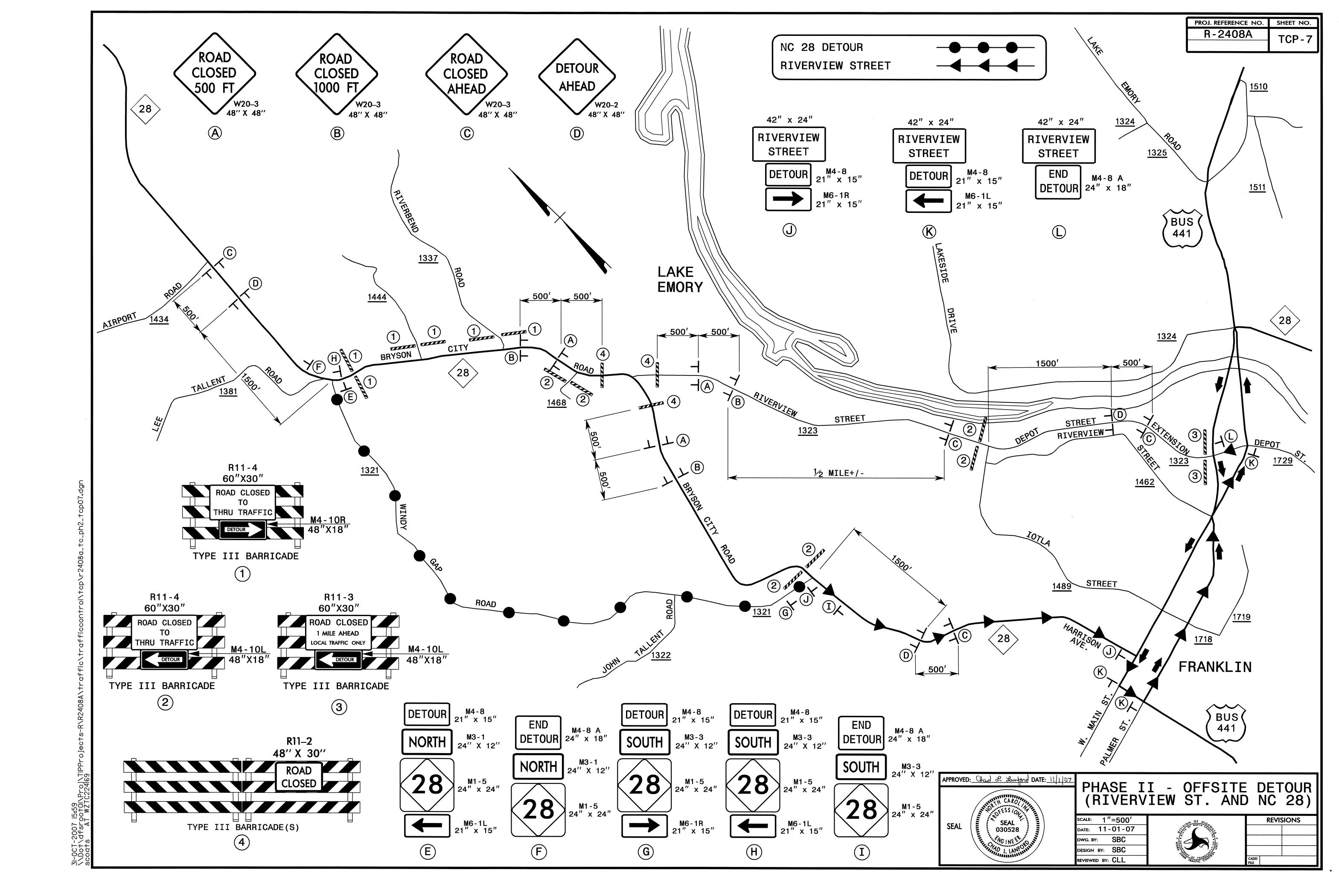


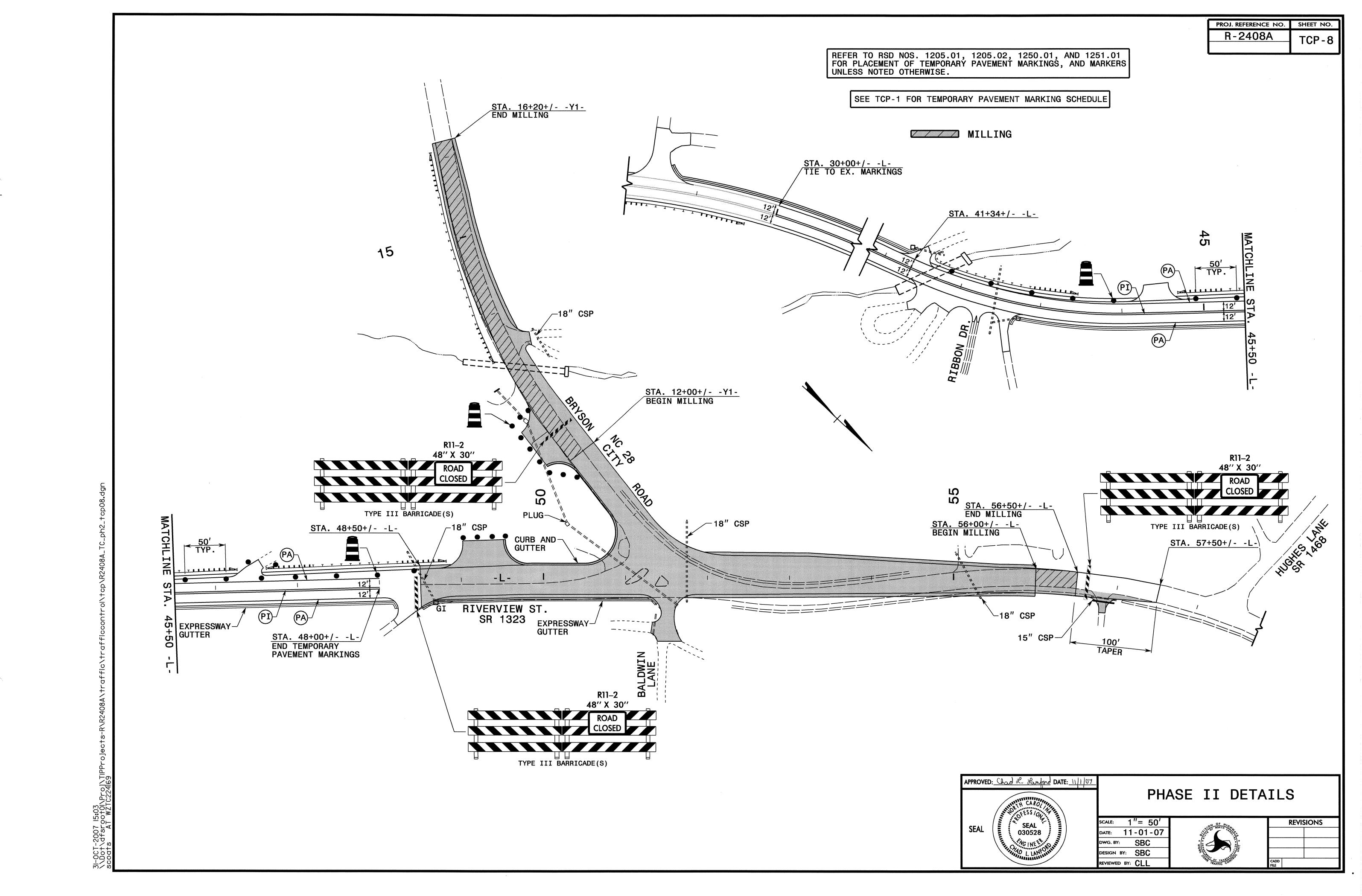




p. Comment

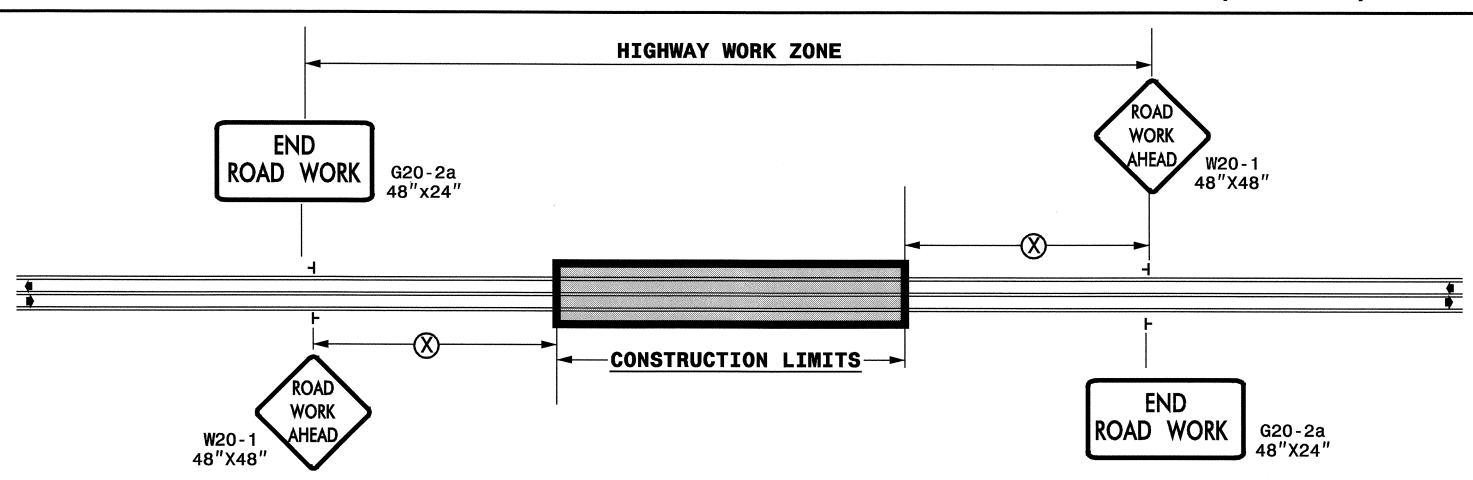
-





PROJ. REFERENCE NO. SHEET NO. R-2408A TCP-9



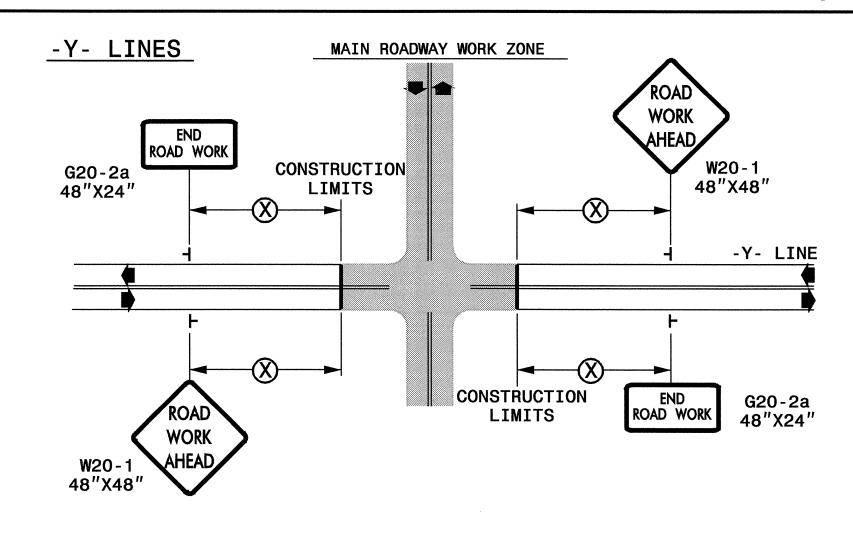


	RECOMMENDED MINIMUM SIGN SPACING
POSTED SPEED LIMIT (M.P.H.)	⊗
≤ 50	500′
≥ 55	1000′

TRANSPORTATION CAROLINA **HIGHWAYS** NORTH OF DIVISION 0F 0F STATE DEPT

RALEIGH

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



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE 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.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

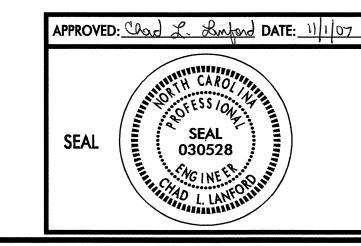
LEGEND

├ STATIONARY SIGN

■ DIRECTION OF TRAFFIC FLOW

DWG. BY:

DESIGN BY: REVIEWED BY: SHEET 1 OF 1



DETAIL DRAWING	FOR TWO-WAY
UNDIVIDED AND U	RBAN FREEWAYS
ADVANCE WORK ZONE	WARNING SIGNS

5/4/ o	REVISIONS		
14 C 17 4	7	7–98	10/0
	10-98		03/04
	0	1/01	11/04
OL COL	CADD FILE		

10/01

03/04 11/04