STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. SHEET NO. B-4449 TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

CABARRUS COUNTY

ROADWAY STANDARD DRAWINGS

INDEX OF SHEETS

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.	<u>TITLE</u>
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCSESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
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1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
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1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS (TEMPORARY & PERMANENT)
1261.01	GUARDRAIL & BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL & BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

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SHEET	NO.			TI	TLE		
TCP-1		LIST OF A	APPLICA	BLE ROAD	WAY STAN	DARD	DRAW:
		FINAL PAV	/EMENT I	MARKING	SCHEDULE	AND	LEGEN

TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, FINAL PAVEMENT MARKING SCHEDULE AND LEGEND AND INDEX OF SHEETS
TCP-2	PROJECT AND LOCAL NOTES
TCP-3	PHASING AND TEMPORARY PAVEMENT MARKING SCHEDULE
TCP-4	DETAIL 1
TCP-5	DETOUR ROUTE AND BARRICADE PLACEMENT
TCP-6	FINAL PAVEMENT MARKING PLAN
TCP-7	ADVANCE WORK ZONE WARNING SIGNS
SD-1	SPECIAL SIGN DESIGN

LEGEND

GENERAL

◆ DIRECTION OF TRAFFIC FLOW

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

WORK AREA

REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

▲ CONE

SKINNY DRUM

FLASHING ARROW PANEL (TYPE C)

STATIONARY SIGN

PORTABLE SIGN

STATIONARY OR PORTABLE SIGN

- CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)

POLICE

■ FLAGGER

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM PAVEMENT MARKINGS	QUANTITY BRE	AKDOWN	TOTAL QUANTITY
TA	WHITE EDGE LINE	THERMOPLASTIC (4", 90	MILS) 3600 LF		
		, ,	•	TOTAL:	3600 LF
TD	2 FT WHITE MINISKIP	THERMOPLASTIC (4", 12	0 MILS) 30 LF		30 LF
TE	WHITE SOLID LANE LINE	THERMOPLASTIC (4", 12	-		150 LF
TI	YELLOW DOUBLE CENTER LINE	THERMOPLASTIC (4", 12	0 MILS) 5000 LF		5000 LF
			•	TOTAL:	5180 LF
ТТ	YELLOW DIAGONAL	THERMOPLASTIC (8", 90	MILS) 150 LF		
			·	TOTAL:	150 LF
T2	WHITE STOPBAR	THERMOPLASTIC (24", 1	20 MILS) 40 LF		
				TOTAL:	40 LF
		COLD APPLIED PLASTIC	(4") TYPE 3		
CA	WHITE EDGE LINE		420 LF		
CI	YELLOW DOUBLE CENTER LINE		420 LF		
				TOTAL:	840 LF
		THERMOPLASTIC PAVEMEN	T MARKING SYMBOLS		
UA	LEFT TURN ARROW		2 EA		
UC	STRAIGHT ARROW		2 EA		
				TOTAL:	4 EA
		<u>MARKERS</u>			
		PERMANENT RAISED PAVE	MENT MARKERS		
MA	YELLOW & YELLOW		25 EA		
				TOTAL:	25 EA

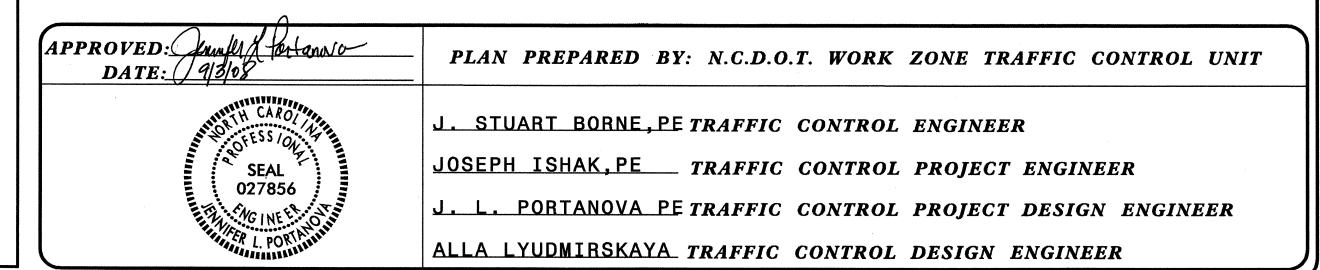
PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



PROJ. REFERENCE NO. SHEET NO. B-4449 TCP-2

PROJECT NOTES

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

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

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS: ROAD NAME POPLAR TENT RD. (SR 1394)

DAY AND TIME RESTRICTIONS MONDAY THROUGH FRIDAY: FROM 7:00 A.M. TO 7:00 P.M.

SATURDAY & SUNDAY FROM 10:00 A.M. TO 7:00 P.M.

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS ON POPLAR TENT RD. (SR 1394) AS FOLLOWS:

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 7:00 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 TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 7:00 P.M. THURSDAY AND 7:00 A.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 P.M. FRIDAY TO 7:00 A.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 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 7:00 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 7:00 P.M. FRIDAY AND 7:00 A.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 P.M. TUESDAY TO 7:00 A.M. MONDAY.
- 8. FOR CHRISTMAS. BETWEEN THE HOURS OF 7:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- 9. FOR THE MAY NASCAR CAR AND/OR TRUCK RACES CONDUCTED AT LOWE'S MOTOR SPEEDWAY BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE THE RACE HELD THE FIRST WEEKEND AND 7:00 A.M. THE FOLLOWING MONDAY AFTER THE LAST RACE HELD THE SECOND WEEKEND.

FOR THE OCTOBER NASCAR CAR RACE CONDUCTED AT LOWE'S MOTOR SPEEDWAY, BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY OF THE RACE AND 7:00 A.M. THE FOLLOWING MONDAY AFTER THE RACE.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) 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.
- D) 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.
- E) 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.

F) 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.

PAVEMENT EDGE DROP OFF REQUIREMENTS

G) 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 50mm ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 75mm 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.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- I) 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.
- J) STATE FORCES WILL PROVIDE PERMANENT SIGNING.
- K) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- L) COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.
- M) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

- N) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED, REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- O) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

P) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOW:

ROAD NAME MARKING MARKER PERMANENT RAISED POPLAR TENT RD. (SR 1394) THERMOPLASTIC BRIDGE No.2 PERMANENT RAISED TYPE 3 (COLD APPLIED PLASTIC)

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

ROAD NAME MARKER MARKING POPLAR TENT RD. (SR 1394) PAINT TEMPORARY RAISED

- R) PLACE TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE. PLACE THE SECOND APPLICATION OF PAINT UPON SUFFICIENT DRYING TIME OF THE FIRST.
- S) 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.
- 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) RELOCATE TRAFFIC SIGNAL AT THE INTERSECTION OF POPLAR TENT RD. AND EDUCATION WAY BEFORE SHIFTING TRAFFIC TO PROPOSED ALIGNMENT.

> NONE JAN-08

APPROVED: DATE: WG. BY: AYL DESIGN BY: AYL EVIEWED BY: JLP

PROJECT NOTES

REVISIONS

PROJ. REFERENCE NO. SHEET NO.

B-4449
TCP-3

MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES AT ALL TIMES WITHIN THE PROJECT LIMITS, UNLESS OTHERWISE NOTED IN THE PHASING

STEP1:

USING RSD 1101.02, SHEET 1 OF 9, INSTALL ADVANCE WORK ZONE WARNING SIGNS. SEE SHEET TCP-6.

STEP 2:

USING RSD 1101.02, SHEET 1 OF 9, PERFORM THE FOLLOWINGS:
AT THE END OF EACH WORK DAY RETURN TRAFFIC TO EXISTING
PATTERN. SEE ROADWAY & SIGNAL PLANS AND SHEET TCP-4.
- INSTALL TEMPORARY GUARDRAIL ALONG EB OF EXISTING
POPLAR TENT RD. FROM -L- STA.15+50+/- TO -L- STA.18+30+/-

- MAY BEGIN TO INSTALL POLES FOR AN EXISTING TRAFFIC SIGNAL RELOCATION AT INTERSECTION OF POPLAR TENT RD. AND EDUCATION WAY
- BEGIN CONSTRUCTION OF PROPOSED DRAINAGE.

STEP 3:

- AWAY FROM TRAFFIC, PERFORM THE FOLLOWING: SEE ROADWAY PLANS AND SHEET TCP-4.
- 1) BEGIN CONSTRUCTION UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE OF PROPOSED -L- (POPLAR TENT RD.) FROM STA.14+10+/- TO STA.23+20+/-
- 2) CONSTRUCT PROPOSED STRUCTURE FROM -L- STA.18+28+/TO -L- STA.20+13+/-
- 3) INSTALL PROPOSED GUARDRAIL ON BOTH SIDES OF -L-EXCEPT WHERE GUARDRAIL CONFLICTS WITH EXISTING.
- USING RSD 1101.03, SHEET 1 OF 9, AND SHEETS TCP-5 & SD-1, INSTALL AND COVER DETOUR SIGNS.

TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM	QUANTITY BREAKDOWN	TOTAL	
	DAY	/CMCNT MADI/TNOO		QUANTITY	
	PAY	/EMENT MARKINGS			
PA	WHITE EDGE LINE (1X)	PAINT (4")	3600 LF	3600 LF	
PD	2 FT WHITE MINISKIP (1X)	PAINT (4")	30 LF	30 FT	
PE	WHITE SOLID LANE LINE (1X)	` *	150 LF	150 LF	
ΡΙ	YELLOW DOUBLE CENTER LINE (1X)	PAINT (4")	5000 LF	5000 LF	
		,	TOTAL:	8780 LF	
PV	YELLOW DIAGONAL (1X)	PAINT (8")	150 LF		
,	,	,	TOTAL:	150 LF	
P4	WHITE STOPBAR (1X)	PAINT (24")	40 LF		
			TOTAL:	40 LF	
	PAI	NT MARKING SYMBOLS			
QA	LEFT TURN ARROW (1X)		2 EA	2 EA	
QC	STRAIGHT ARROW (1X)		2 EA	2 EA	
	•		TOTAL:	4 EA	
		MARKERS			
	TEMPOR	RARY RAISED PAVEMENT	MARKERS		
MH	YELLOW & YELLOW		25 EA	25 EA	

NOTE:

AS DIRECTED BY THE ENGINEER, TEMPORARY PAVEMENT MARKING (PAINT) MAY BE USED TO STRIPE THE FINAL TRAFFIC PATTERN ON -L-.
THIS SCHEDULE INCLUDES QUANTITIES FOR PLACING TWO APPLICATIONS OF PAINT ON THE FINAL SURFACE OF NEW ASPHALT WITH PERMANENT TRAFFIC PATTERNS WHICH WILL REMAIN IN PLACE UNTIL THE PROPOSED FINAL PAVEMENT MARKING (THERMOPLASTIC) MAY BE APPLIED.

FOR EACH PAINT PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATION, AND 3X IMPLIES THREE APPLICATION

COMPLETE THE WORK REQUIRED IN STEP 4 IN ONE WEEKEND FROM 7:00 P.M. FRIDAY TO 7:00 A.M. THE FOLLOWING MONDAY. SEE ICT FOR LIQUIDATED DAMAGES.

STEP 4:

- 1. UNCOVER DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE POPLAR TENT RD.TO TRAFFIC. DETOUR TRAFFIC OFFSITE.
- 2. AWAY FROM TRAFFIC, PERFORM THE FOLLOWINGS: SEE ROADWAY & SIGNAL PLANS.
 - 1) COMPLETE CONSTRUCTION OF PROPOSED DRAINAGE
 - COMPLETE RELOCATION OF EXISTING TRAFFIC SIGNAL AT INTERSECTION OF POPLAR TENT RD. AND EDUCATION WAY
 - REMOVE TEMPORARY GUARDRAIL INSTALLED IN STEP 2 FROM -L- STA.15+50+/- TO -L- STA.17+80+/-
 - 2) COMPLETE CONSTRUCTION OF PROPOSED -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM STA.10+00+/- TO STA.26+85+/- AND TIE IN TO EXISTING POPLAR TENT RD. AND EDUCATION WAY
 - CONSTRUCT PROPOSED ACCESSES TO ALL BUSINESSES AND PARKING AREA
 - 3) PLACE TEMPORARY PAVEMENT MARKING (PAINT) AND TEMPORARY PAVEMENT MARKERS (TEMPORARY RAISED) FROM STA.10+00+/- TO STA.26+85+/-AS SHOWN ON SHEET TCP-6.
- 3. REMOVE ALL TRAFFIC CONTROL DEVICES AND DETOUR SIGNS.
 OPEN -L- (POPLAR TENT RD.) TO PROPOSED TRAFFIC PATTERN.

NOTE: WORKING IN CONTINUOUS MANNER, COMPLETE STEP 5
AFTER STEP 4 IS COMPLETED

STEP 5:

USING RSD 1101.02, SHEET 1 OF 9, PERFORM THE FOLLOWINGS: SEE ROADWAY PLANS.

- 1) BEGIN TO REMOVE EXISTING ROADWAY
- COMPLETE REMOVAL OF REMAINING TEMPORARY GUARDRAIL INSTALLED IN STEP 2
- 2) COMPLETE INSTALLATION OF PROPOSED GUARDRAIL ALONG WB OF PROPOSED -L-.

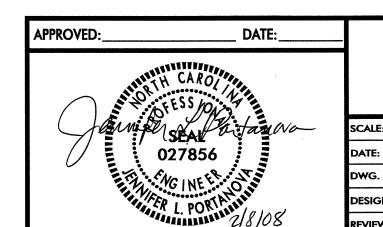
STEP 6:

AWAY FROM TRAFFIC, COMPLETE TO REMOVE EXISTING ROADWAY AND EXISTING STRUCTURE. SEE ROADWAY PLANS.

STEP 7:

USING RSD 1101.02, SHEET 1 OF 9, PERFORM THE FOLLOWINGS: SEE SHEET TCP-6.

- 1) PLACE FINAL LAYER OF SURFACE COURSE FROM -L- STA.10+00+/TO -L- STA.26+85+/-
- 2) PLACE FINAL PAVEMENT MARKINGS (THERMOPLASTIC) AND MARKERS (PERMANENT RAISED) ON -L- STA.10+00+/- TO -L- STA.26+85+/- INCLUDING COLD APPLIED PLASTIC TYPE 3 ON CONCRETE BRIDGE DECK FROM -L- STA.18+28+/- TO -L- STA.20+13+/-.
- 3) REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.



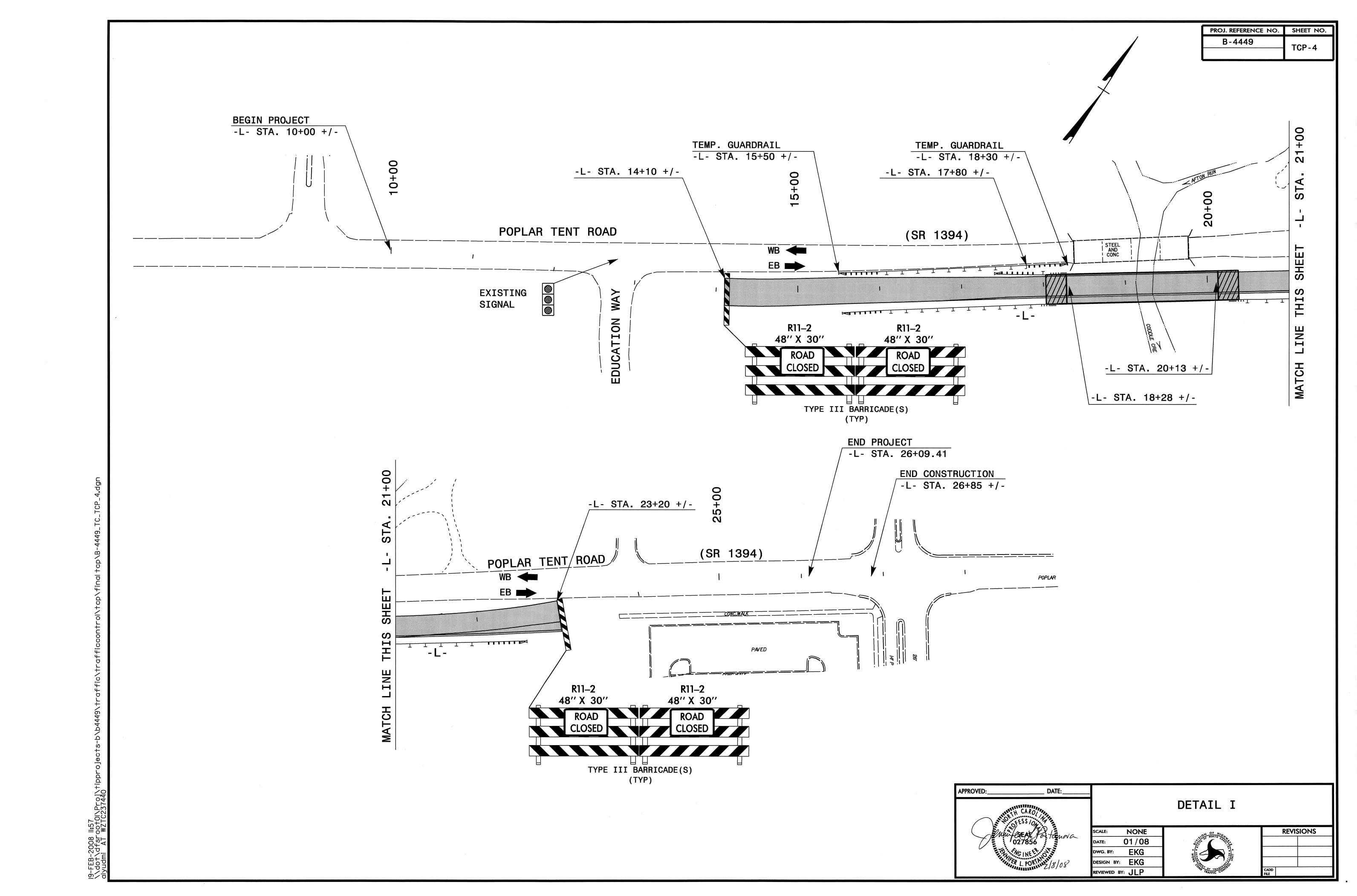
PHASING AND TEMPORARY PAVEMENT MARKING SCHEDULE

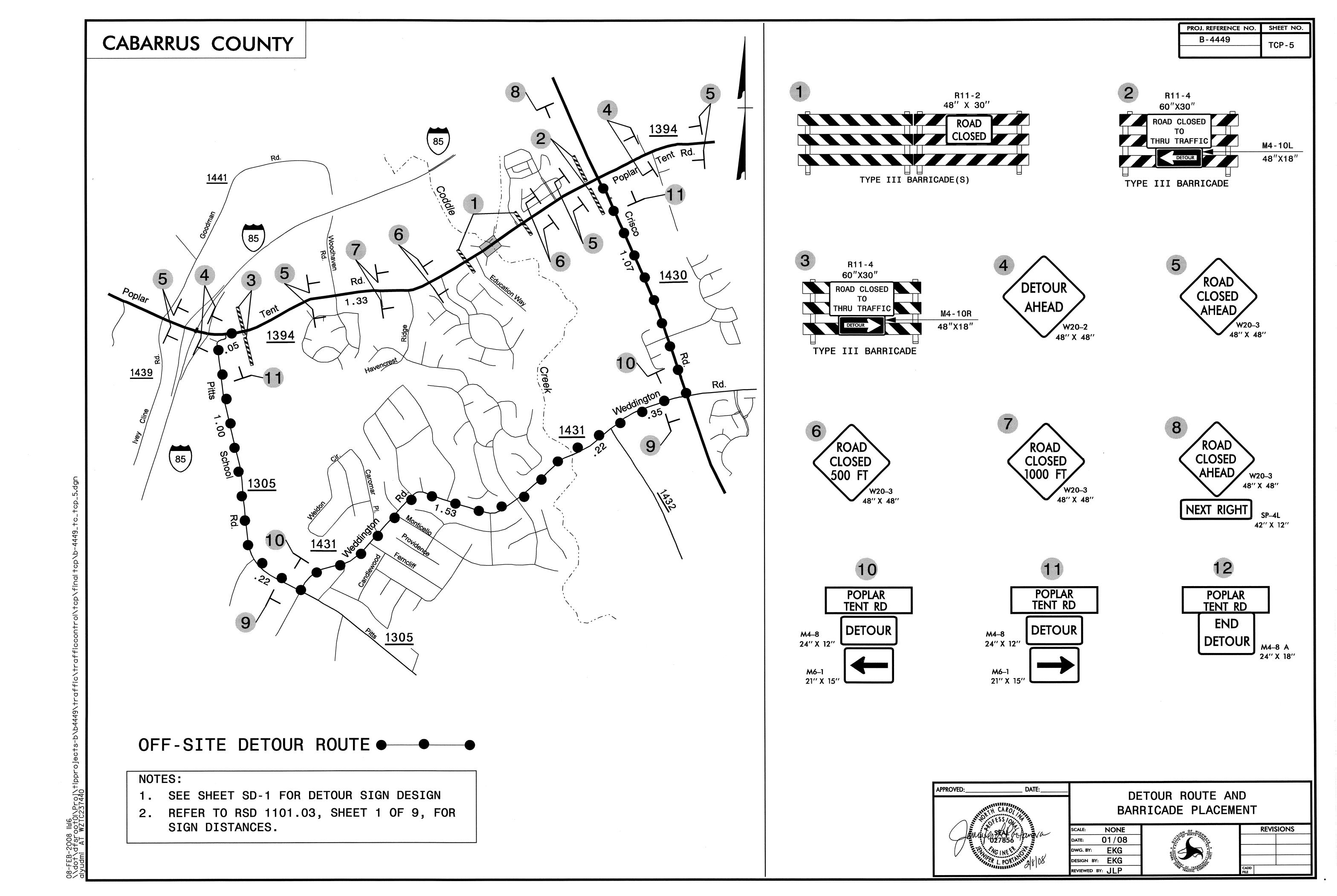
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DESIGN BY:	AYL		
REVIEWED BY:	JLP		

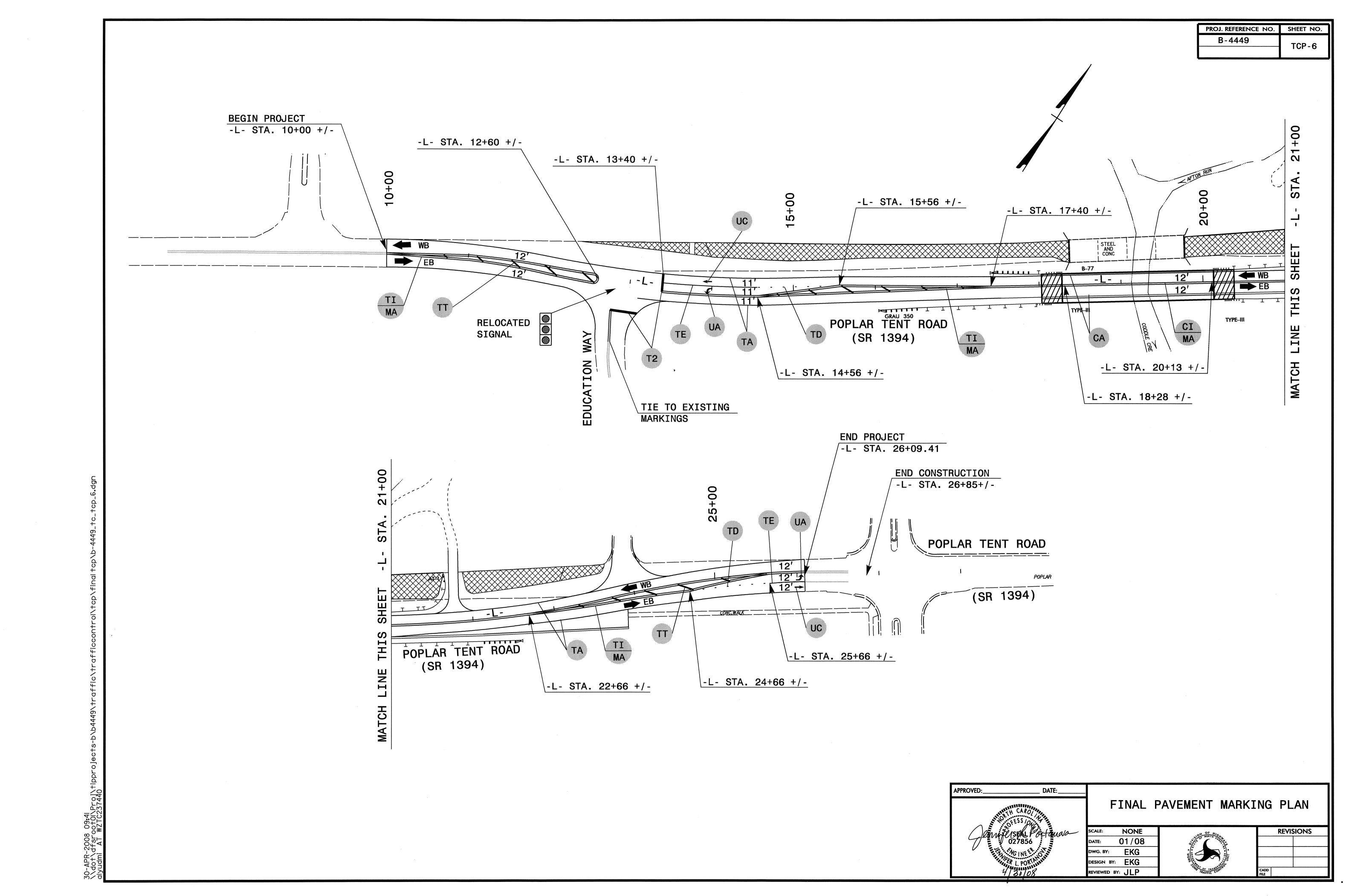
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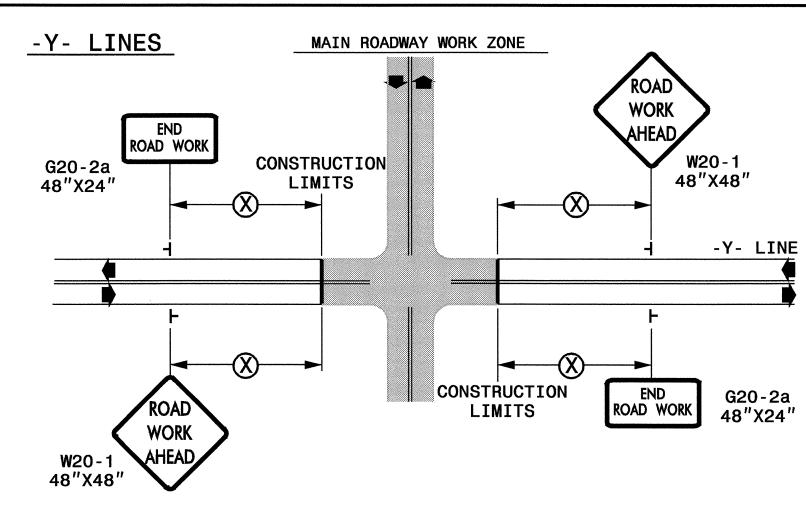
CAROLINA NORTH **OF** STATE DEPT

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

END

ROAD WORK G20-2a 48"X24"

TWO-WAY UNDIVIDED ** (L-LINES)



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.

END

ROAD WORK G20-2a 48"x24"

- 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.

HIGHWAY WORK ZONE

-CONSTRUCTION LIMITS -->

- 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

RECOMMENDED MINIMUM

SIGN SPACING

 \otimes

500'

1000′

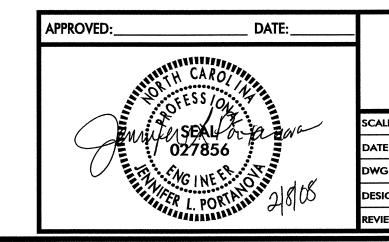
POSTED SPEED LIMIT

(M.P.H.)

≤ 50

≥ 55

SHEET 1 OF 1



DETAI	L DRAV	VING I	FOR	TWO-V	YAY
UNDIVI	DED A	ND UR	BAN	FREE	WAYS
ADVANCED	WORK	ZONE	WAR	NING	SIGN

	NONE	
JAN	1-08	د
' :	AYL	, a
BY:	AYL	
D BY:	JLP	

