

PHASING

PHASE I

- STEP 1: - CONTRACTOR SHALL PLACE ADVANCE WORK ZONE WARNING SIGNS ALONG EXISTING WHISNANT ROAD (SR 1517/-L-) AND ALL -Y- LINES AS SHOWN ON SHEET TCP-6.
- STEP 2: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9:
- CONSTRUCT THE LEFT SIDE OF PROPOSED WHISNANT ROAD (SR 1517/-L-), INCLUDING PROPOSED STRUCTURE AND TEMPORARY SHORING (MSE WALL) FROM STA. 10+10 +/- -L- TO STA. 16+70 +/- -L- (INCLUDING PROPOSED GUARDRAIL LEFT SIDE, ALL DRIVEWAYS, AND PROPOSED DRAINAGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEET TCP-4).
- NOTE: CONTRACTOR SHALL UTILIZED WEDGING & PAVING OPERATIONS AND TEMPORARY 2:1 SLOPES TO MAINTAIN TRAFFIC ON THE EXISTING.
- NOTE: CONTRACTOR SHALL PLACE TYPE III BARRICADES & DRUMS TO KEEP PROPOSED CLOSE TO TRAFFIC AND DRUMS TO MAINTAIN ACCESS TO BOTH DRIVEWAYS.
- INSTALL PORTABLE CONCRETE BARRIER (PCB) AND TEMPORARY CRASH CUSHIONS (TCC) ON THE RIGHT SIDE OF THE PROPOSED FROM STA. 11+50 +/- -L- TO STA. 14+50 +/- -L- (SEE SHEETS TCP-4 & TCP-5).
 - PLACE TEMPORARY PAVEMENT MARKINGS (PAINT ON ASPHALT AND TAPE ON STRUCTURE) AND TEMPORARY RAISED PAVEMENT MARKERS, AS MUCH AS POSSIBLE WITHOUT INTERFERING WITH TRAFFIC, ON NEWLY COMPLETED LEFT SIDE OF WHISNANT ROAD (SR 1517/-L-) FROM STA. 10+10 +/- -L- TO STA. 16+70 +/- -L- FOR AN INTERMEDIATE TWO-LANE, TWO-WAY PATTERN (SEE ROADWAY STANDARD DRAWING NO. 1205.12 AND SHEET TCP-5).

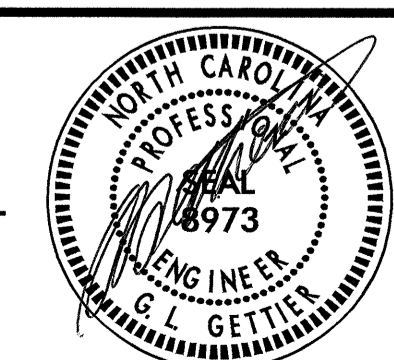
PHASE II

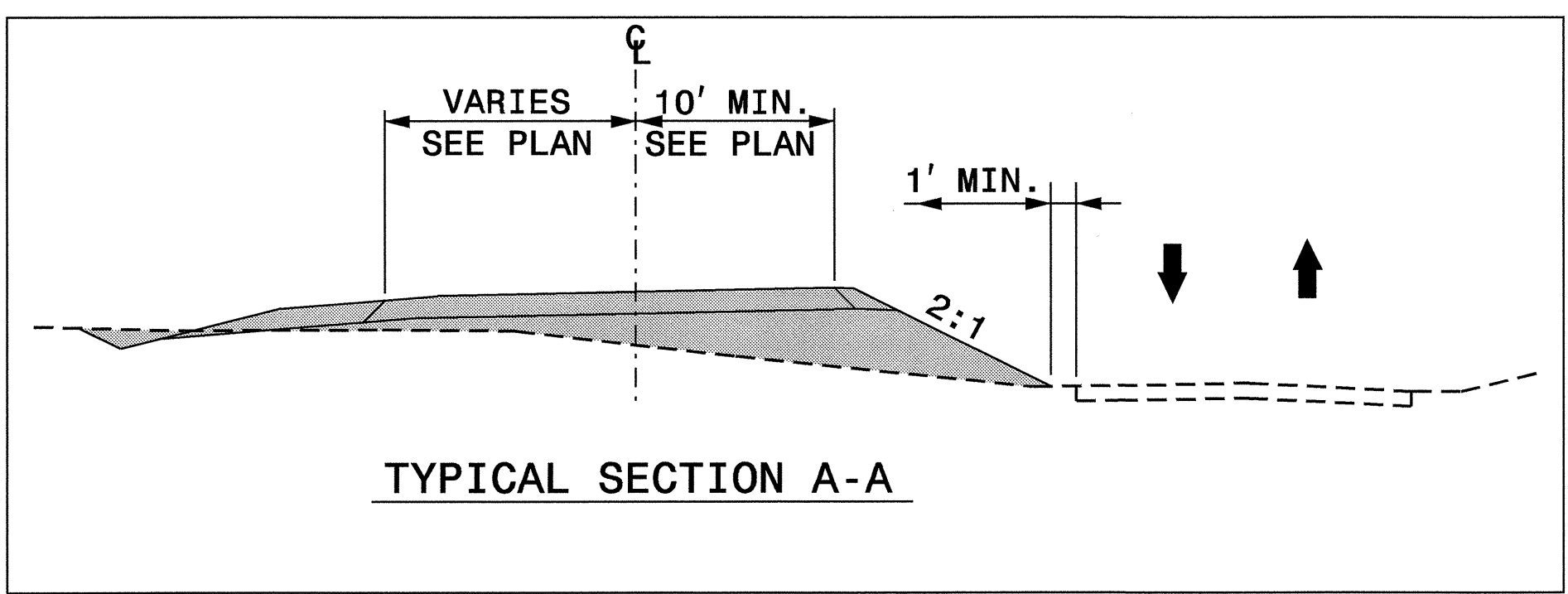
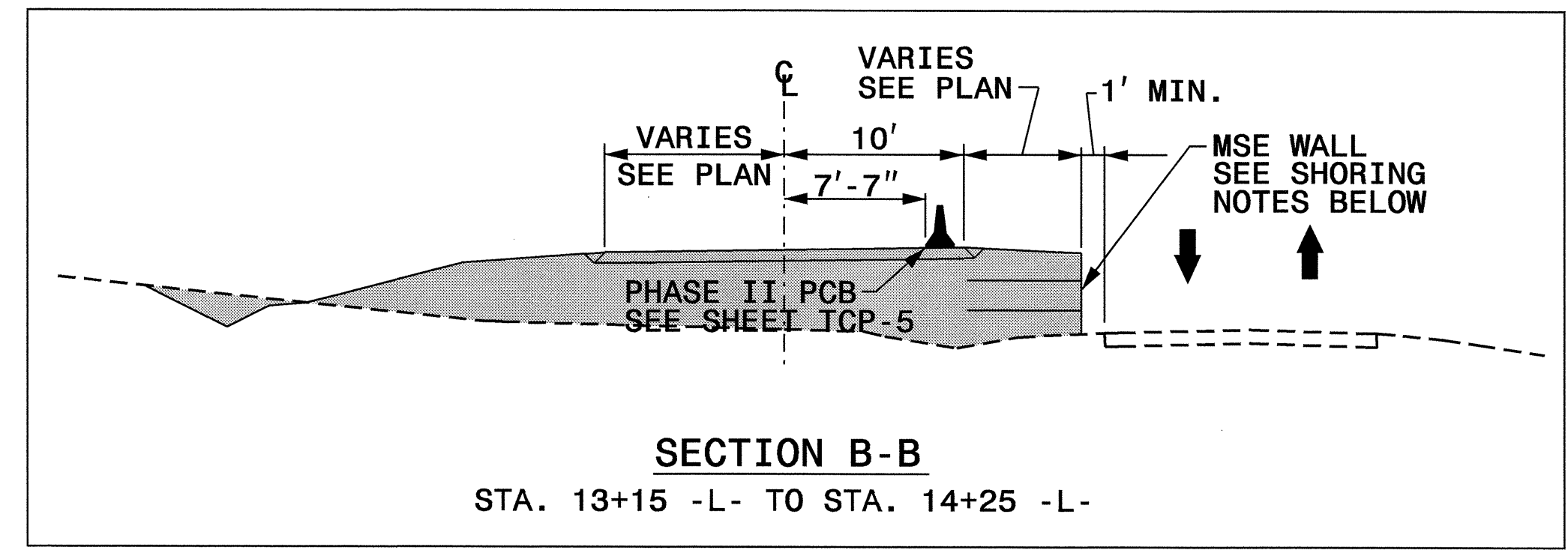
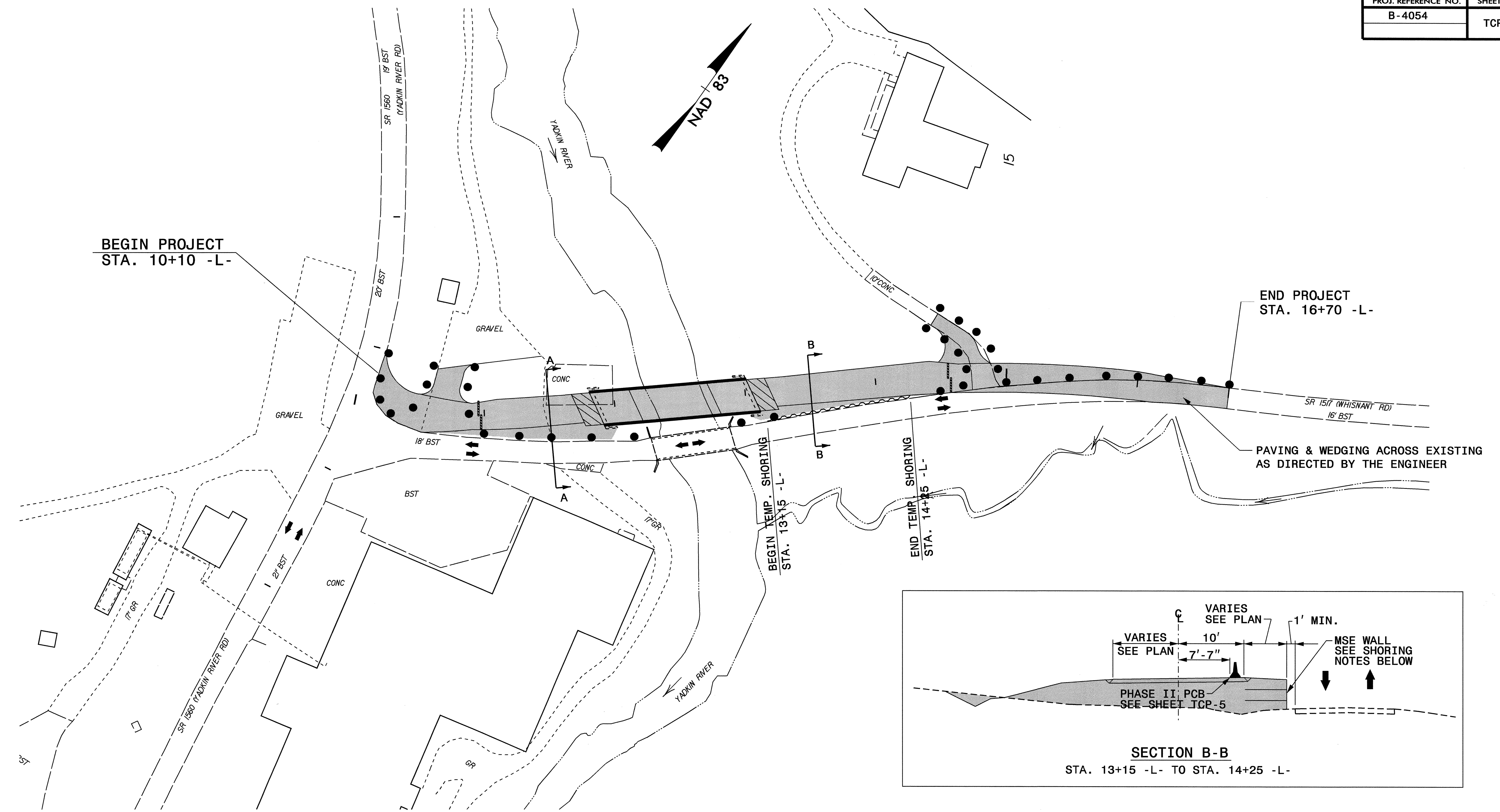
- CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN PHASE II, STEPS 1 IN ONE WORK PERIOD.
- STEP 1: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9:
- PLACE REMAINDER OF TEMPORARY PAVEMENT MARKINGS (PAINT ON ASPHALT AND TAPE ON STRUCTURE) AND TEMPORARY RAISED PAVEMENT MARKERS ON NEWLY COMPLETED LEFT SIDE OF WHISNANT ROAD (SR 1517/-L-) FROM STA. 10+10 +/- -L- TO STA. 16+70 +/- -L- AND OPEN FOR AN INTERMEDIATE TWO-LANE, TWO-WAY PATTERN (SEE ROADWAY STANDARD DRAWING NO. 1205.12 AND SHEET TCP-5).
- NOTE: CONTRACTOR SHALL PLACE TYPE III BARRICADES & DRUMS TO CLOSE EXISTING TO TRAFFIC AND DRUMS TO MAINTAIN ACCESS TO BOTH DRIVEWAYS.
- STEP 2: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9:
- CONSTRUCT THE RIGHT SIDE OF PROPOSED WHISNANT ROAD (SR 1517/-L-) FROM STA. 10+10 +/- -L- TO STA. 16+70 +/- -L- (INCLUDING PROPOSED GUARDRAIL RIGHT SIDE, ALL DRIVEWAYS AND PROPOSED DRAINAGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEET TCP-5).
 - AS DIRECTED BY THE ENGINEER, REMOVE AND REPLACE PORTABLE CONCRETE BARRIER (PCB) & TEMPORARY CRASH CUSHIONS (TCC) WITH DRUMS AND COMPLETE CONSTRUCTION OF PROPOSED WHISNANT ROAD (SR 1517/-L-) (SEE CONSTRUCTION PLANS AND SHEET TCP-5).
- NOTE: KEEP TRAFFIC IN THE INTERMEDIATE TWO-LANE, TWO-WAY PATTERN (SEE SHEET TCP-5).

PHASE III

- STEP 1: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9:
- PAVE THE FINAL LAYER OF SURFACE COURSE/RESURFACE AND PLACE THE FINAL PAVEMENT MARKINGS (PAINT) ON PROPOSED WHISNANT ROAD (SR 1517/-L-), YADKIN ROAD (SR 1560/-Y-) AND PROPOSED STRUCTURE FOR THE FINAL PATTERN (SEE CONSTRUCTION PLANS).
 - OPEN PROPOSED WHISNANT ROAD (SR 1517/-L-) TO THE FINAL PATTERN (SEE SHEET PM-1).
- STEP 2: - CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES FROM THE PROJECT.

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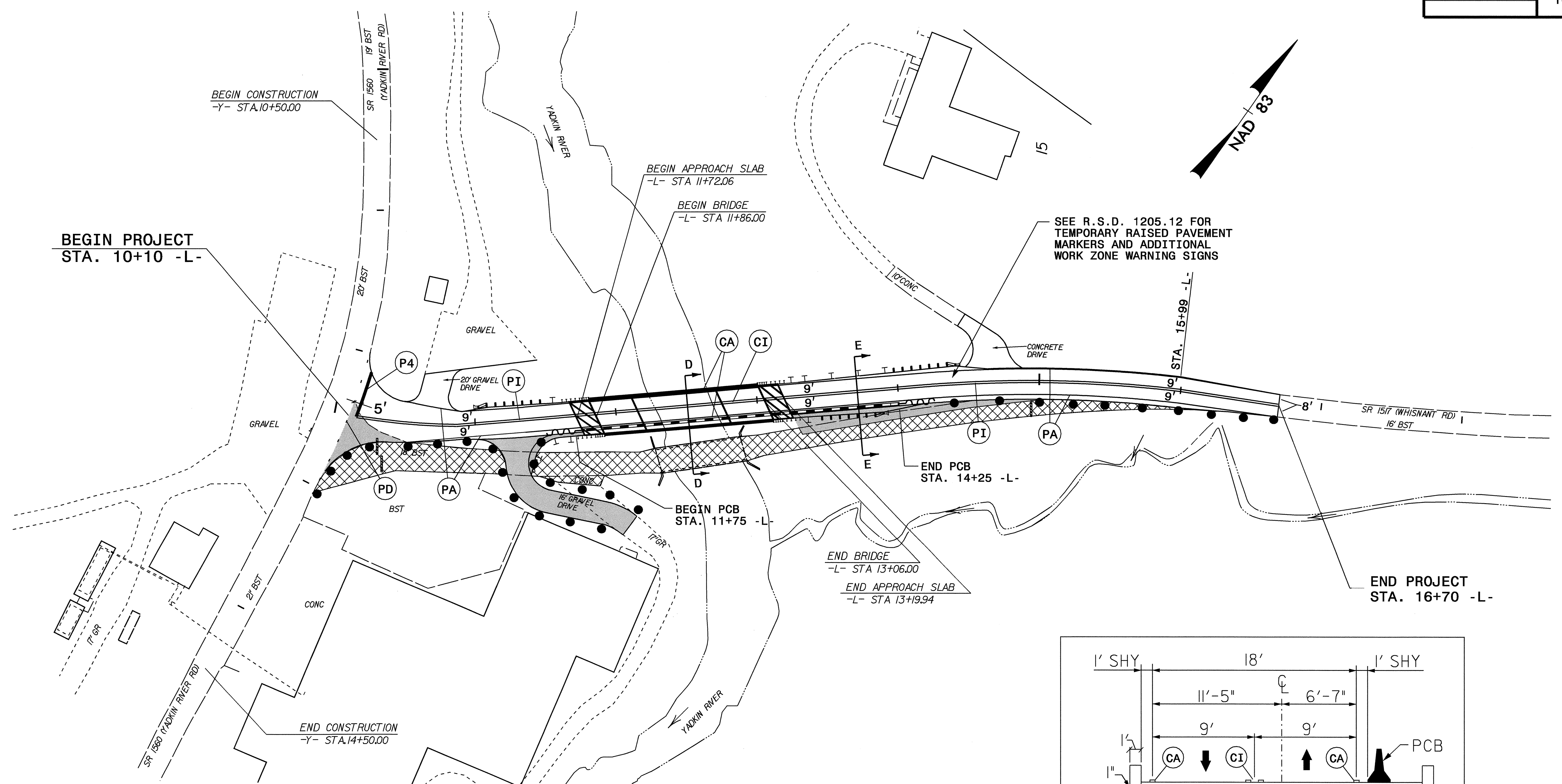


SHORING NOTES:

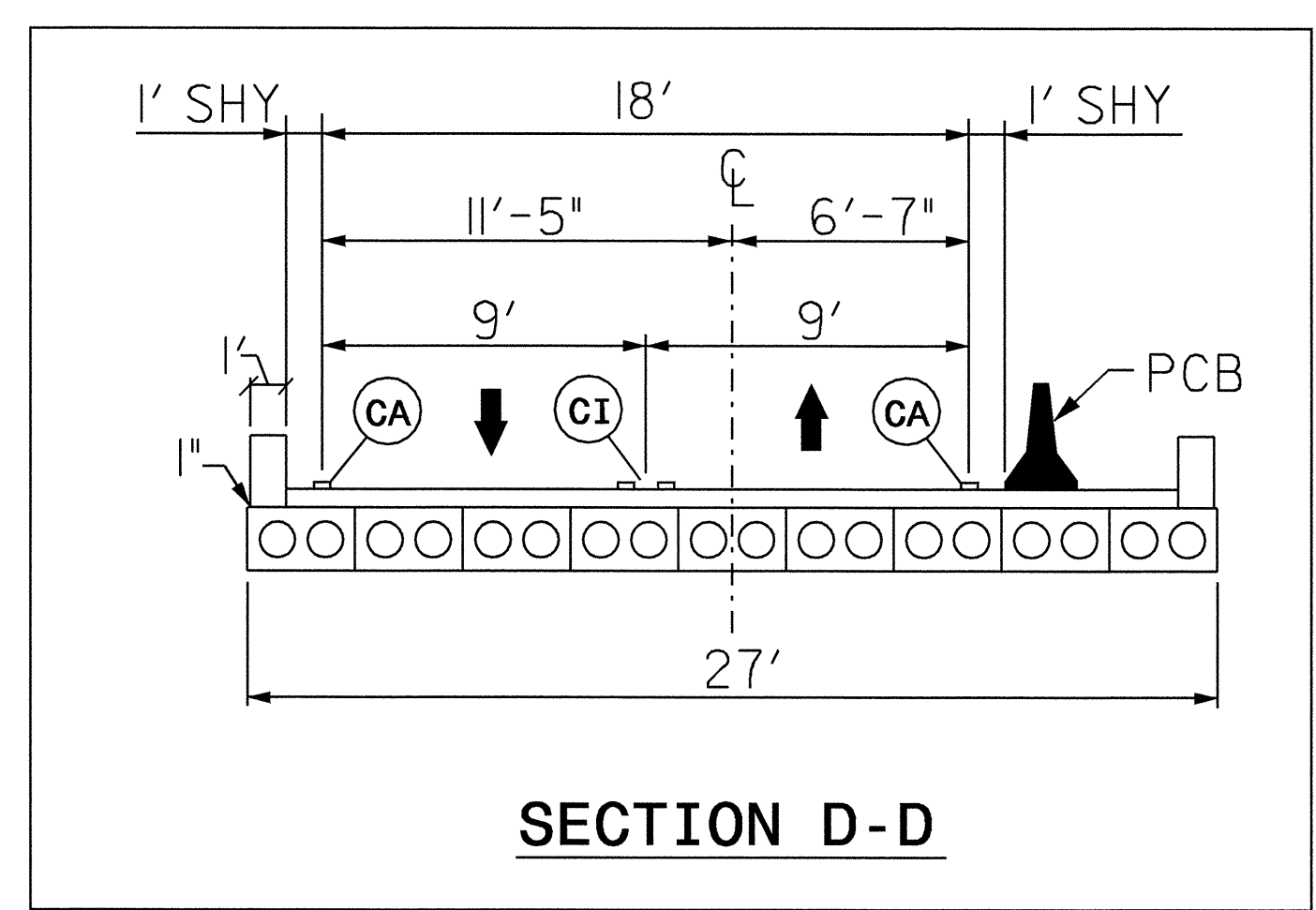
1. FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISIONS.
2. DO NOT USE STANDARD TEMPORARY SHORING FROM STATION 13+15 -L-, 18 FT. RIGHT, TO STATION 14+25 -L-, 11 FT. RIGHT.
3. USE A TEMPORARY MSE WALL FROM STATION 13+15 -L-, 18 FT. RIGHT, TO STATION 14+25 -L-, 11 FT. RIGHT. SEE TEMPORARY SHORING SPECIAL PROVISION, AND STANDARD TEMPORARY MSE WALL DETAILS.
4. NO SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF THE TEMPORARY SHORING FROM STATION 13+15 -L-, 18 FT. RIGHT, TO STATION 14+25 -L-, 11 FT. RIGHT. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.
5. WHEN BACKFILL FOR A REINFORCED BRIDGE APPROACH FILL OVERLAPS WITH THE REINFORCED ZONE OF A TEMPORARY MSE WALL, USE EITHER SHORING BACKFILL OR THE MATERIAL SPECIFIED FOR THE REINFORCED BRIDGE APPROACH FILL, WHICHEVER IS BETTER, IN THE REINFORCED ZONE.

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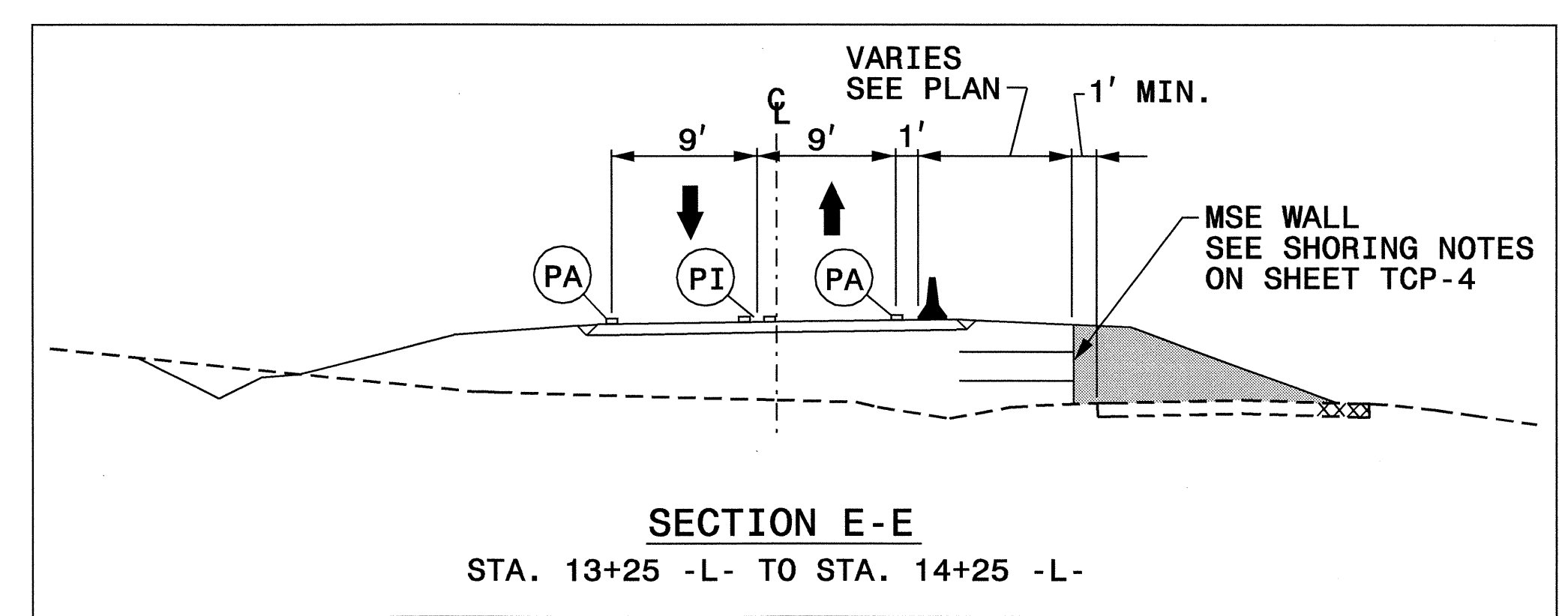
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SEE R.S.D. 1205.12 FOR
TEMPORARY RAISED PAVEMENT
MARKERS AND ADDITIONAL
WORK ZONE WARNING SIGNS



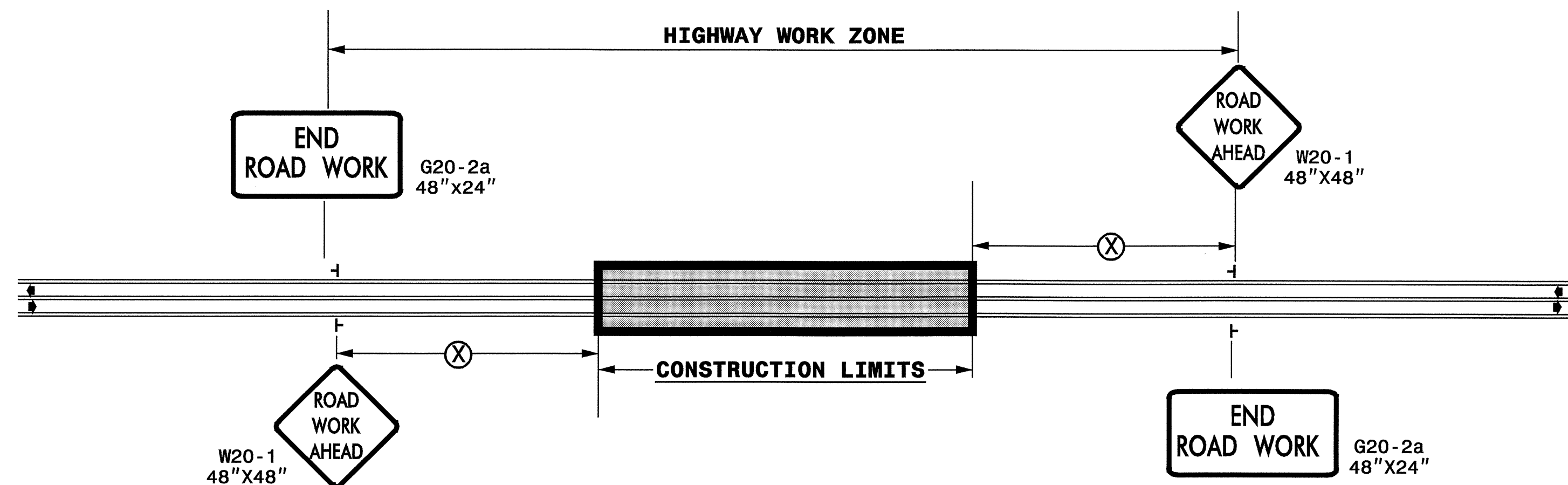
PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE (4")
(PD)	PAINT - 2 FT. WHITE MINISKIP (4")
(PI)	PAINT - YELLOW DOUBLE CENTER (4")
(P4)	PAINT - WHITE STOPBAR (24")
(CA)	COLD APPLIED PLASTIC TYPE IV (REMOVEABLE TAPE) - WHITE EDGELINE (4")
(CI)	COLD APPLIED PLASTIC TYPE IV (REMOVEABLE TAPE) - YELLOW DOUBLE CENTER (4")



APPROVED:	DATE: 24 SEP 07	PHASE II DETAILS							
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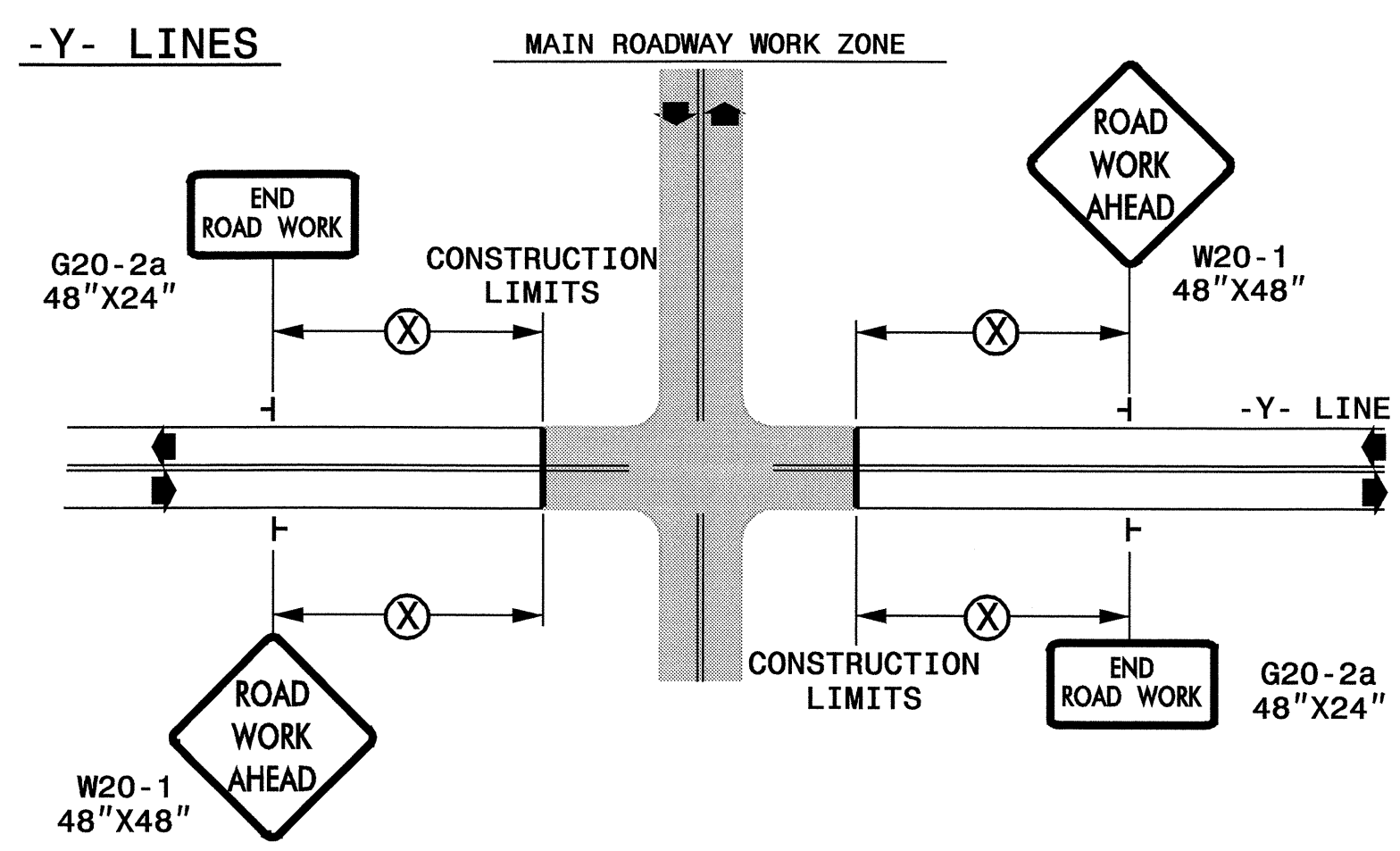
TWO-WAY UNDIVIDED ** (L-LINES)



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

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 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.
- ** 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

SHEET 1 OF 1

APPROVED: _____ DATE: 11 SEP 07	DETAIL DRAWING FOR TWO-WAY UNDIVIDED AND URBAN FREEWAYS ADVANCED WORK ZONE WARNING SIGNS	
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	DESIGN BY: KPB	10-98 03/04
	REVIEWED BY: JWG	01/01 11/04

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