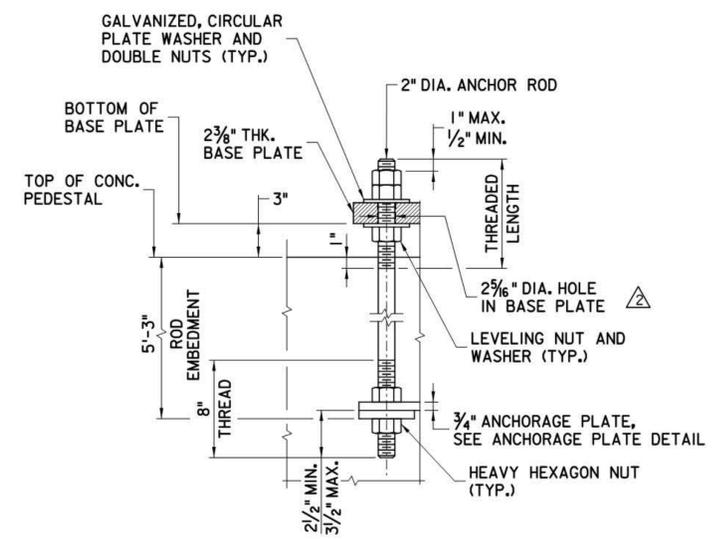
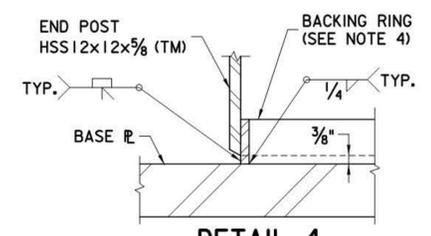


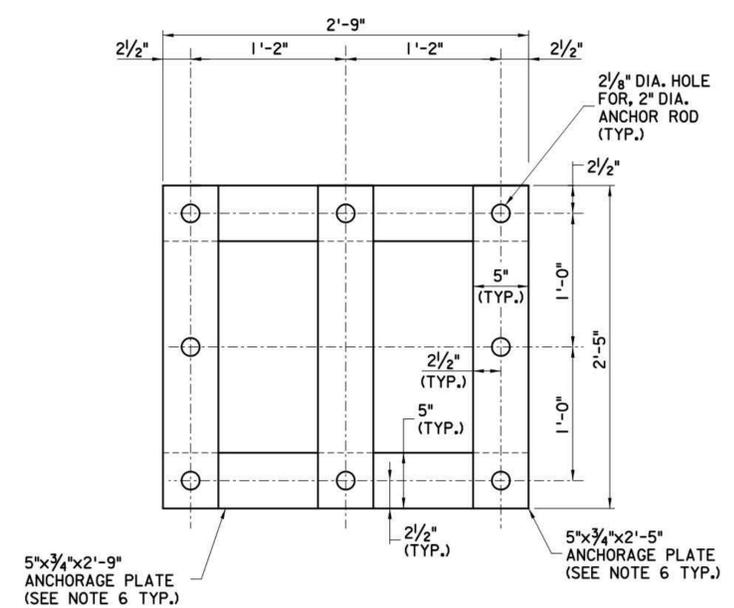
**SECTION K-K**  
1/2" = 1'-0"



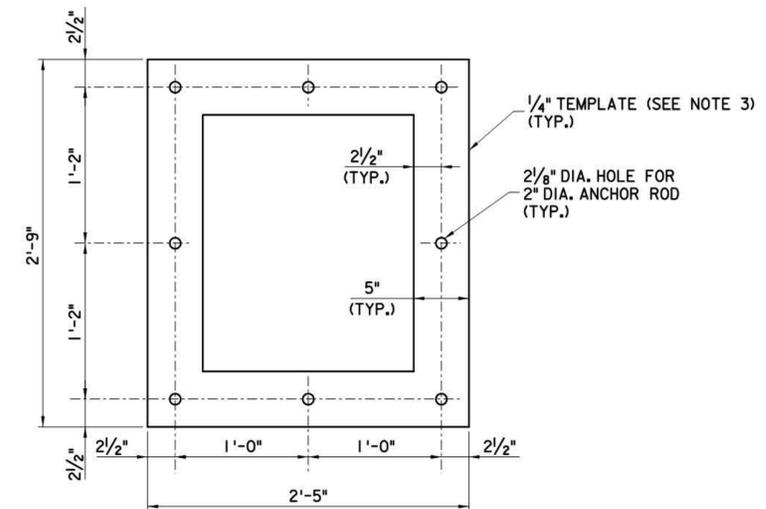
**ANCHOR ROD DETAIL**  
1/2" = 1'-0"



**DETAIL 4**  
1/2" = 1'-0"



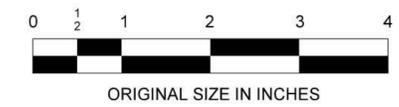
**ANCHORAGE PLATE DETAIL**  
1/2" = 1'-0"



**TEMPLATE DETAIL**  
1/2" = 1'-0"

**NOTES:**

- ELEVATION "A" SHALL BE A MINIMUM OF 4'-0" ABOVE THE HIGH POINT OF THE ROADWAY CROSS SECTION AND SHALL BE THE SAME FOR BOTH PEDESTALS OF EACH STRUCTURE.
- ANCHOR RODS SHALL BE HOT-DIP GALVANIZED AS PER ASTM SPECIFICATION A153, CLASS C AFTER BEING THREADED. ALL NUTS AND WASHERS SHALL ALSO BE GALVANIZED.
- A SINGLE ANCHOR ROD TEMPLATE FABRICATED OF 1/4" THICK STRUCTURAL STEEL (ASTM A709, GRADE 36) SHALL BE FURNISHED FOR EACH OVERHEAD SIGN STRUCTURE. THE TEMPLATE SHALL BE USED BY THE CONTRACTOR TO SIMULTANEOUSLY ALIGN THE EIGHT (8) ANCHOR RODS PRIOR TO POURING THE CONCRETE PEDESTAL. STRUCTURAL STEEL ANGLES (ASTM A709, GRADE 36) SHALL BE USED, AS NECESSARY TO STIFFEN THE TEMPLATE AND ASSURE THAT THE ROD PATTERNS ARE ALIGNED PROPERLY WHILE MAINTAINING THE CENTER-TO-CENTER TOWER SPACING. ALL ANCHOR RODS, PLATES, NUTS, WASHERS, BACKING RINGS, ANGLES AND MISCELLANEOUS ITEMS SHOWN SHALL BE INCLUDED IN THE BID PRICE FOR OVERHEAD SIGN STRUCTURE.
- FULL-PENETRATION WELDED COLUMN TO BASE PLATE CONNECTION WITH THE BACKING RING ATTACHED TO THE PLATE WITH A CONTINUOUS FILLET WELD AROUND THE INTERIOR FACE OF THE BACKING RING. THE BACKING RING SHALL BE 3/8"x2".
- EXPANDED METAL FENCE SHALL BE AMICO "SECURA FENCE" MODEL NO. ASF 1.5-9R, GALVANIZED IN ACCORDANCE WITH ASTM A123, AND AS MANUFACTURED BY:  
  
AMICO  
3245 Fayette Avenue  
Birmingham, AL 35208  
1-800-366-2642  
www.amico-securityproducts.com
- CLIP ANCHOR PLATE IN FIELD AS REQUIRED TO CLEAR VERTICAL REINFORCEMENT.
- ALL WEEP HOLES SHALL BE COVERED WITH GALV. OR S.S. WIRE MESH SCREENS.
- FOR LIMITS OF SUBSTRUCTURE MEMBRANE WATERPROOFING ON REINFORCED CONCRETE PEDESTAL SEE STANDARD DRAWING SI-40.
- 3" CONDUITS EXITS PEDESTAL 24" BELOW GRADE AND CONNECTS TO AN ADJACENT JUNCTION BOX, SEE STANDARD DRAWING SI-42 FOR JUNCTION BOX DETAILS. CONDUITS SHALL BE INSTALLED WITH BUSHINGS AND PLUGGED TO PROTECT THE THREADS. THE 5" DIA. HOLE & CONDUIT SHALL ONLY BE PROVIDED IN THE DOWNSTREAM POST ON THE RIGHT SHOULDER SIDE(S) OF THE ROADWAY. AT ALL OTHER LOCATIONS, PROVIDE A 2" DIA. WEEP HOLE.



APP.	NO.	DATE	REVISION
	2	10/14	REVISED BASE PLATE HOLE DIAMETER
	1	09/12	ADDED ELECTRICAL PROVISIONS
	0	10/10	ORIGINAL DRAWING

NEW JERSEY TURNPIKE AUTHORITY	
<b>GARDEN STATE PARKWAY</b>	
VIERENDEEL SPAN TYPE SIGN STRUCTURE (SPANS FROM 91 TO 156 FEET) SECTIONS AND DETAILS - 3	
OFFICE OF THE CHIEF ENGINEER NEW JERSEY TURNPIKE AUTHORITY	2010 STANDARD <b>DRAWING SI-34</b>
WOODBRIDGE NEW JERSEY	SHEET NO. OF

FILE NAME: \$FILEL\$

CONTRACT NO.