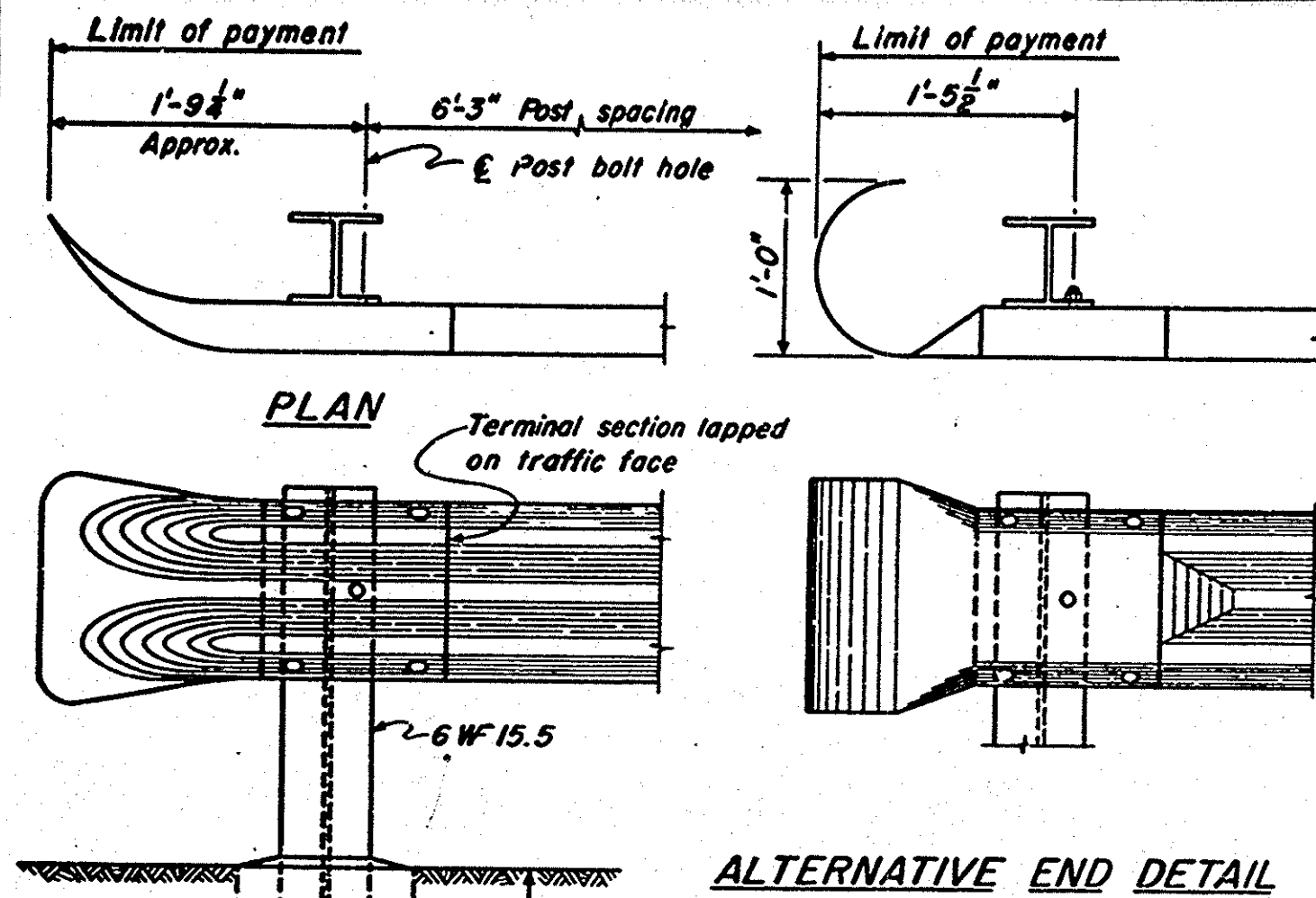
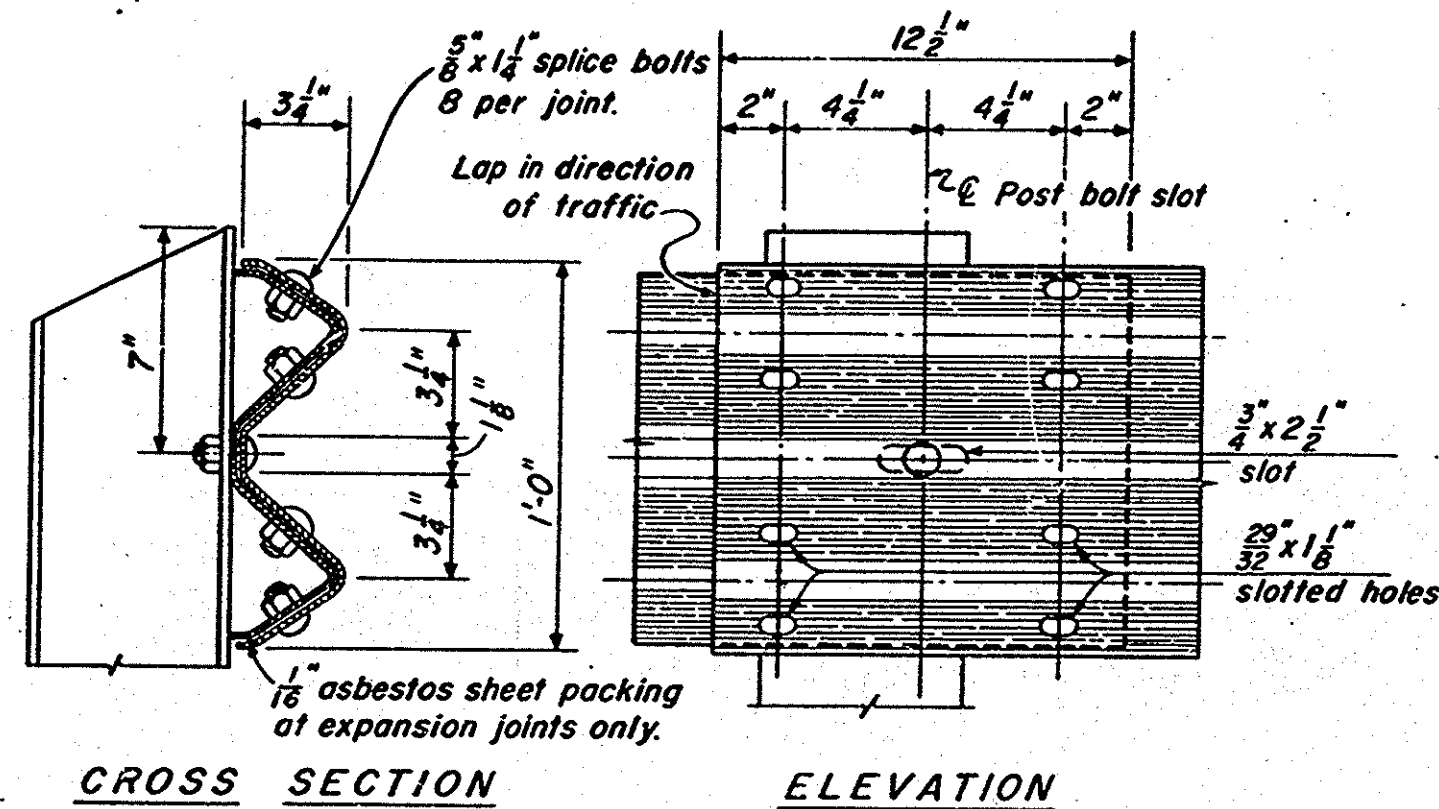
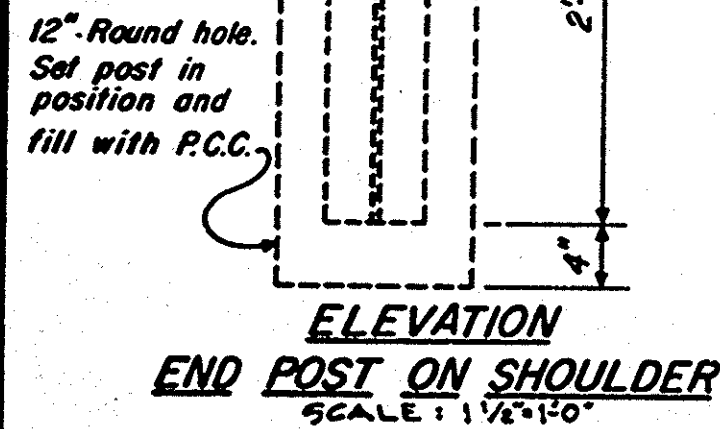


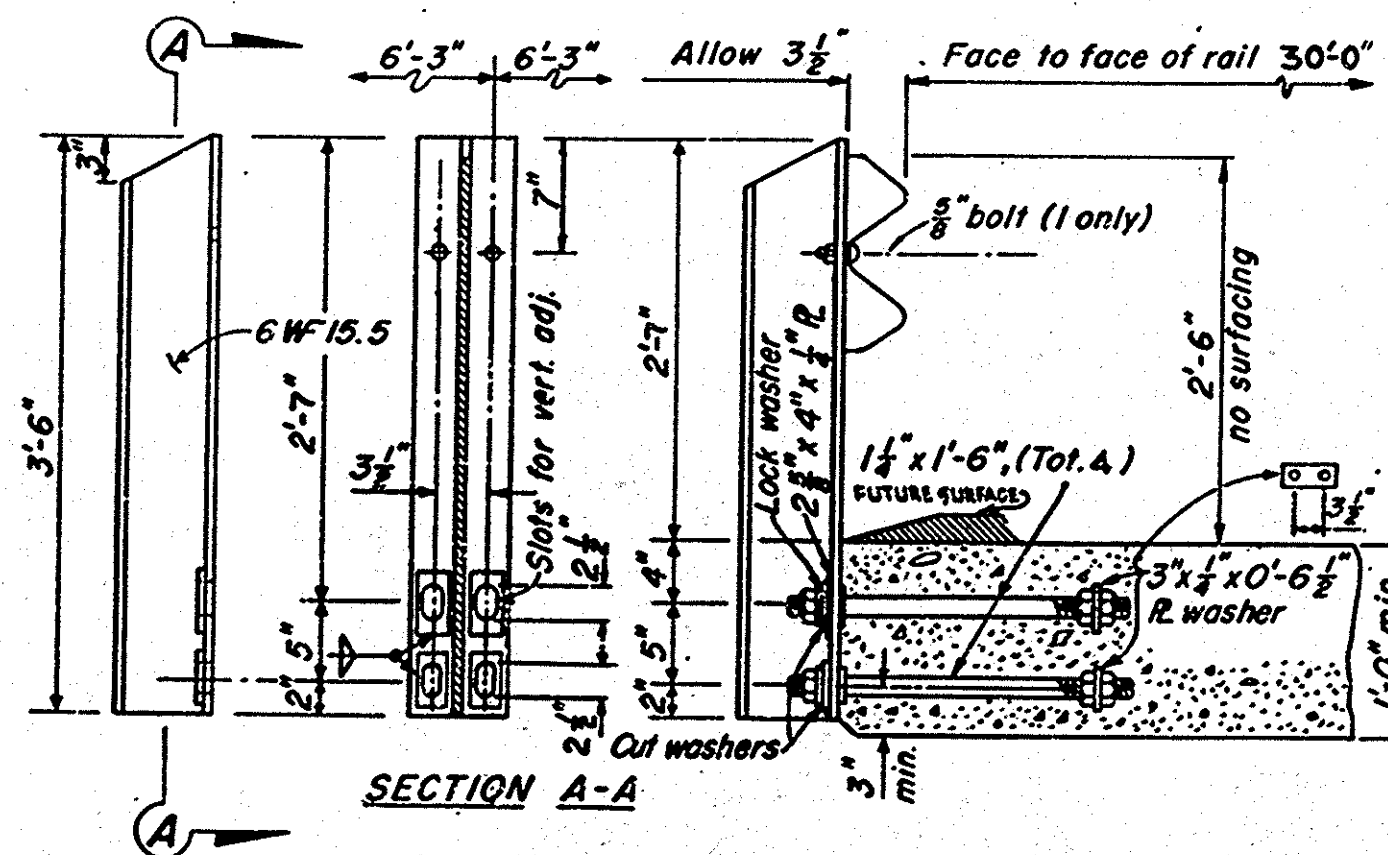


NOTE: Place end post on shoulder if structure does not accommodate 12'-6" unit length.



**RAIL SPLICE**

Scale: 3" = 1'-0"



**POST FOR THIN SLABS**

SCALE: 1 1/2" = 1'-0"

**Notes:**

At rail splice nearest expansion joint in bridge deck, slot holes in movable section of rail to allow same amount of movement as is provided in bridge deck. Place 1/8" asbestos sheet packing between rail elements. Adjust bolts to provide sliding fit and set threads.

Use 3'-6" posts whenever possible. All anchor rods to have hex. nuts. Provide lock washers for top anchor rods. Weld 2 3/8" x 4" x 1/2" plates on W posts when using 1 1/4" anchor rods. Contractor to provide metal shims to align posts. Space posts to clear expansion joints by 1'-0" min. to E. post. Posts and anchors to be galvanized after fabrication. Rollings on retaining walls to be placed after walls are backfilled. Bend rods if necessary to maintain minimum clearance on superelevated slabs. Shims for post alignment shall be galvanized wedges. See Special Provision for rail element. For guard rail layout begin with post at center of bridge.

SA 32  
P/P Talbert Ave. Bridge  
Sheet 10 of 12  
Red. Ratio 27.5:1  
Scale As Noted  
Brownline

|                                  |                |
|----------------------------------|----------------|
| ORANGE COUNTY HIGHWAY DEPARTMENT |                |
| TALBERT AVE BRIDGE               |                |
| ACROSS                           |                |
| SANTA ANA RIVER                  |                |
| RAIL                             | DETAIL         |
| SCALE NOTED                      | SHEET 10 OF 12 |

#14695