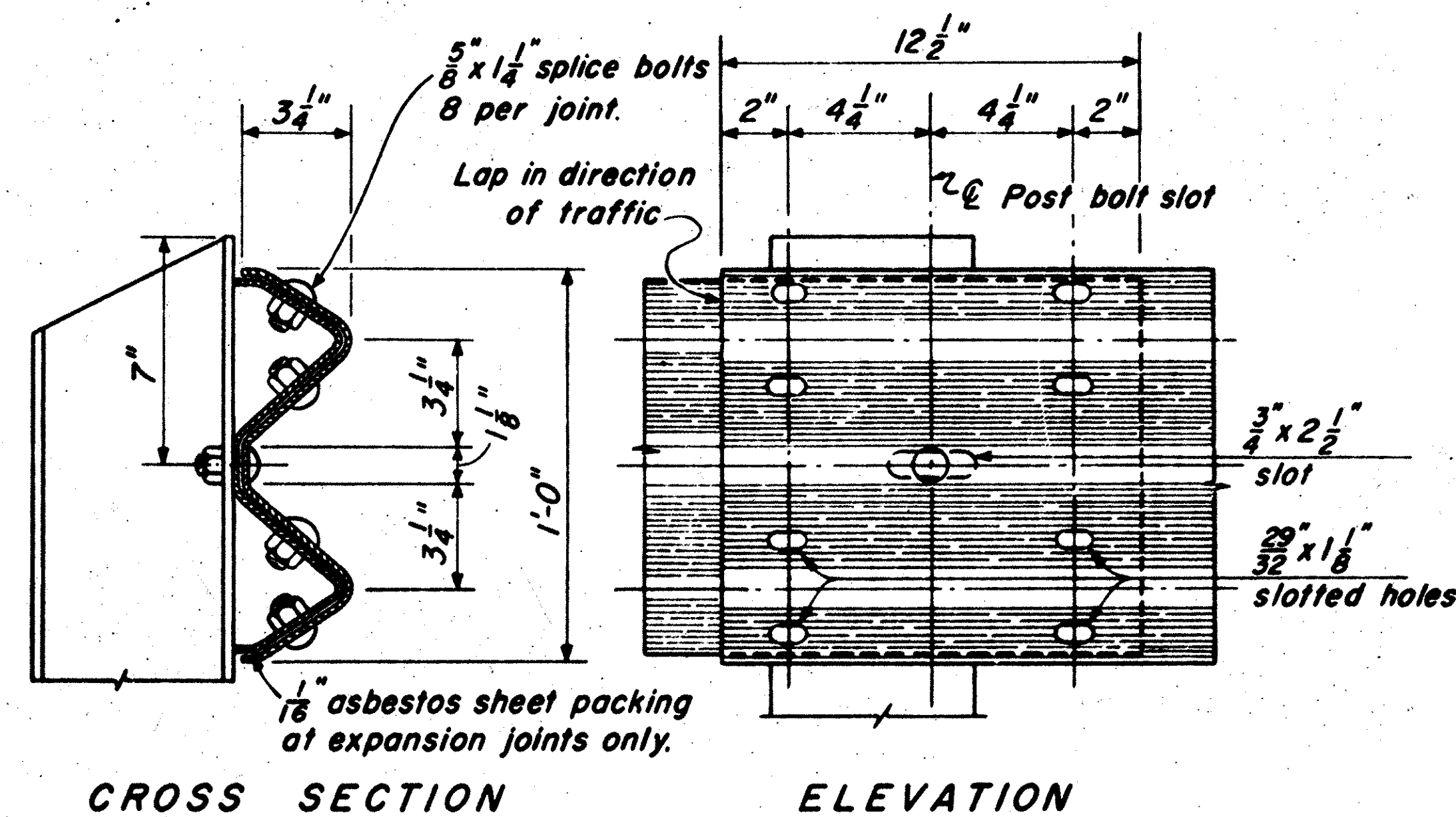
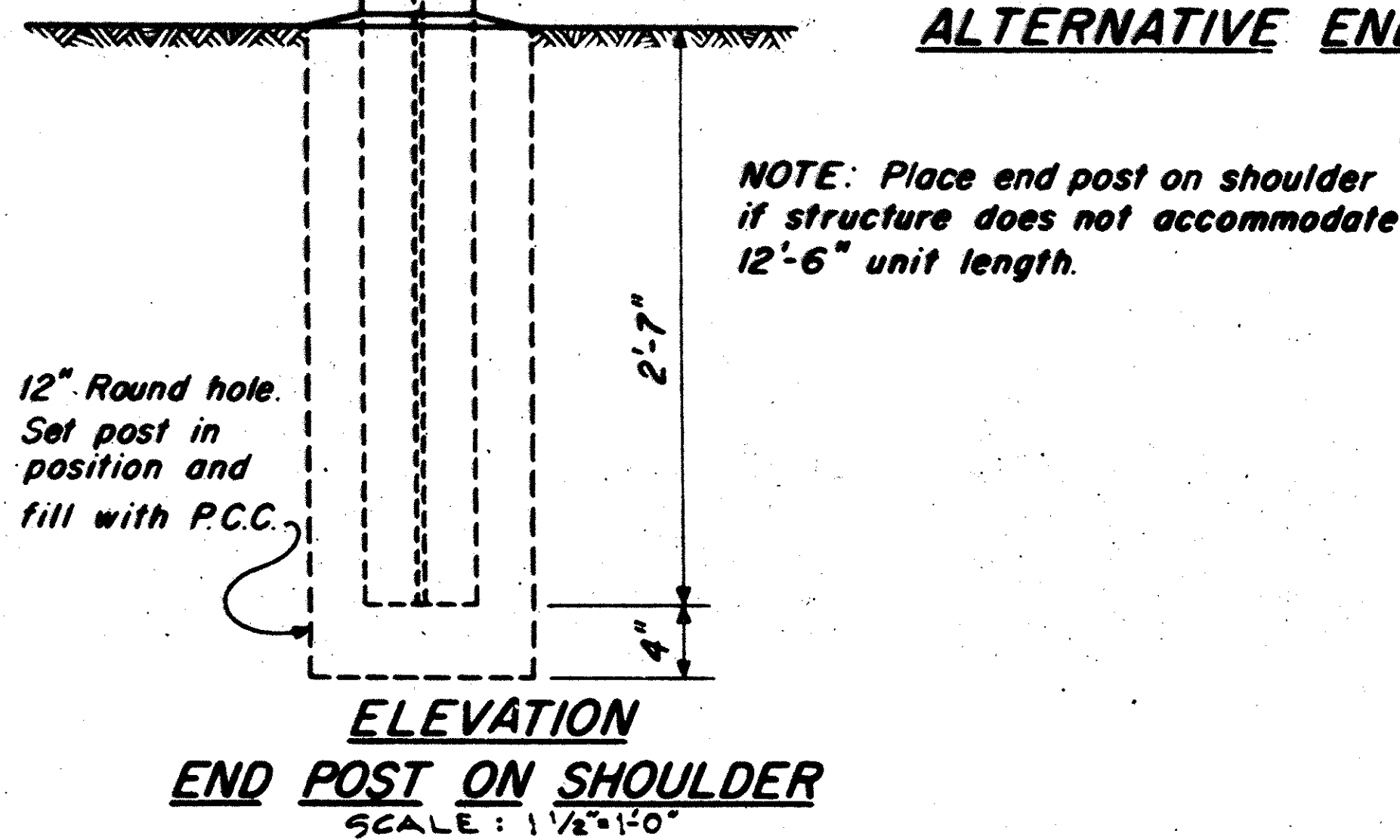


ALTERNATIVE END DETAIL



RAIL SPLICE
Scale: 3"=1'-0"



SECTION A-A

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 $\frac{1}{8}$ " 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 $\frac{3}{8}$ " x 4' x $\frac{1}{4}$ " plates on WF posts when using 1 $\frac{1}{4}$ " 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. Railings 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 Talbot Ave. Bridge
Sheet 10 of 12
Red. Ratio 22.5;1
Scale As Noted
Brownline

ORANGE COUNTY HIGHWAY DEPARTMENT

TALBERT AVE BRIDGE
ACROSS
SANTA ANA RIVER

RAIL DETAIL

SCALE NOTED

DATE 10-12