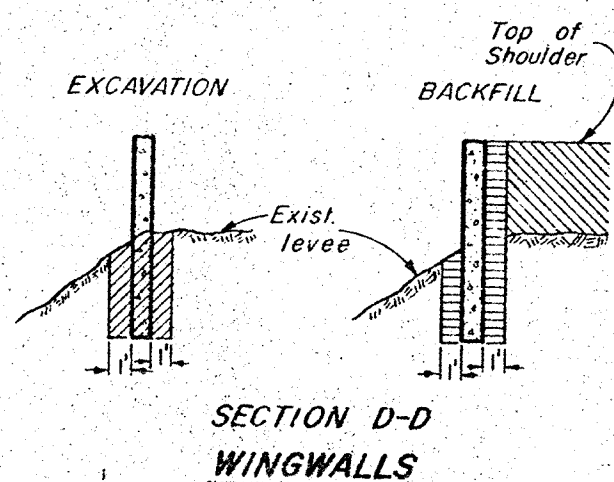
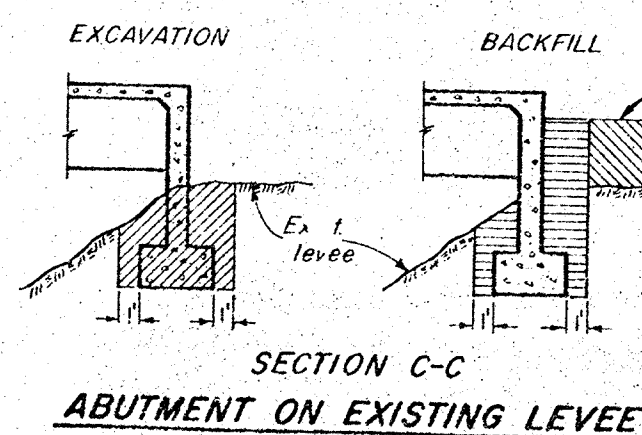
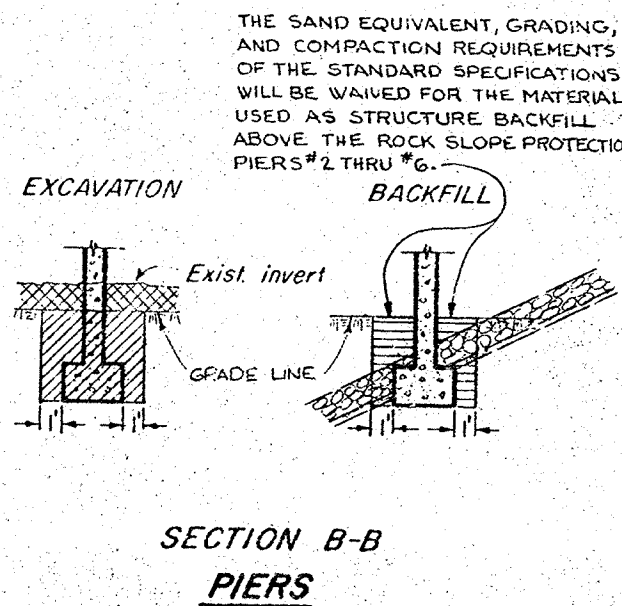
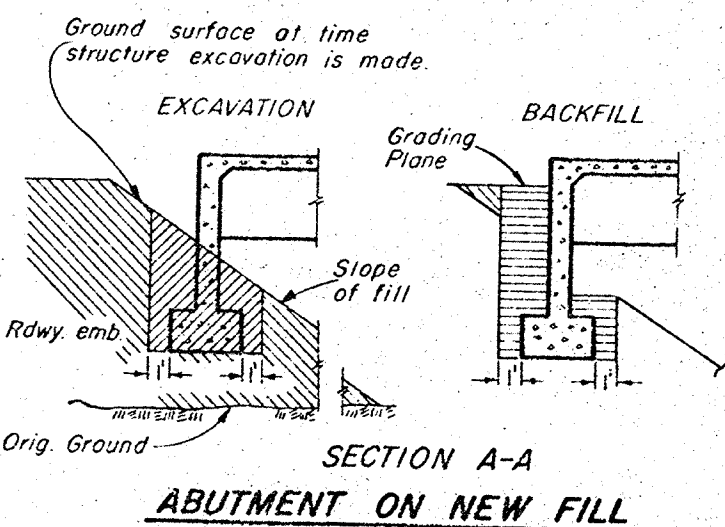
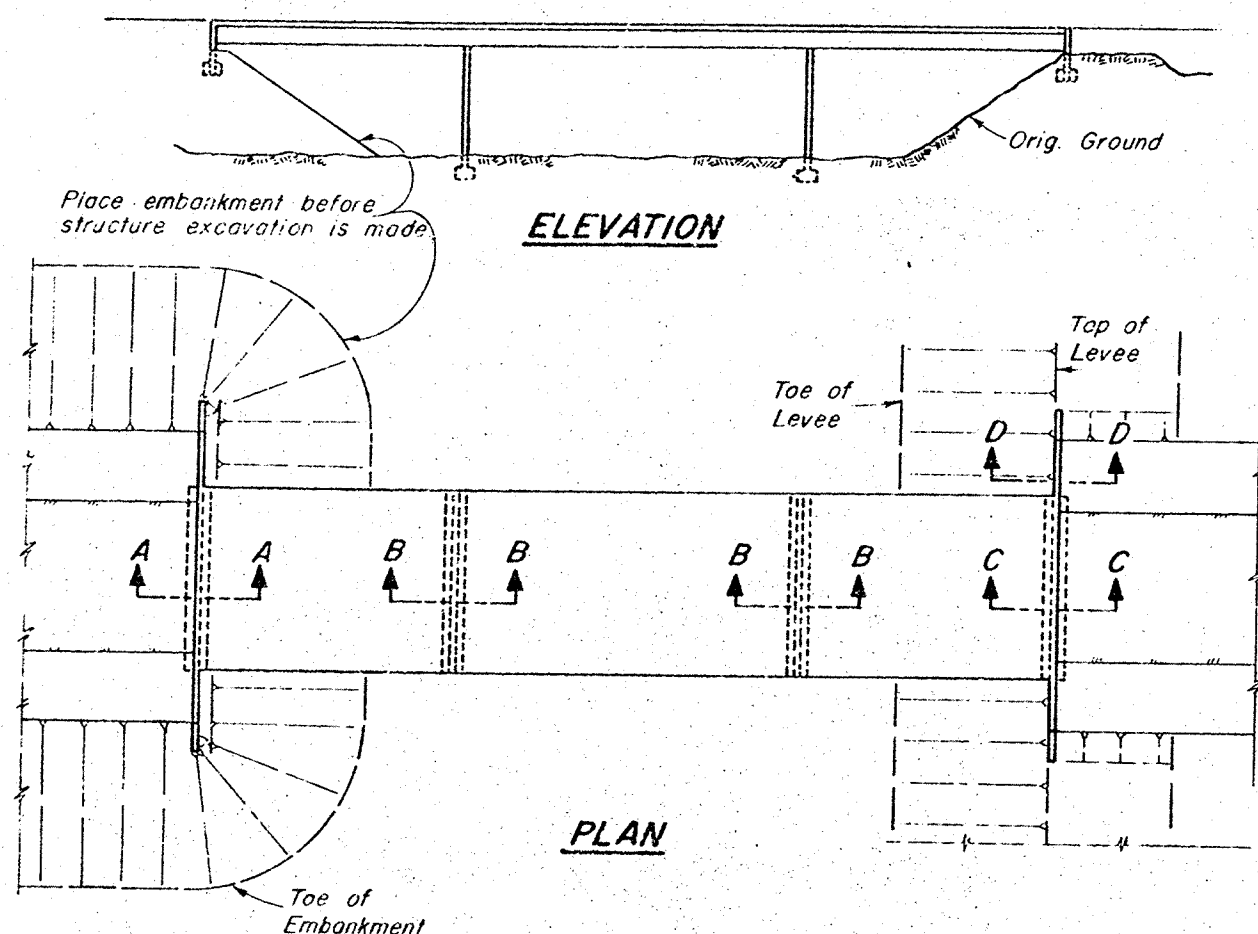


EXACT®

EXACT LEVEL & TOOL MFG. CO., INC.

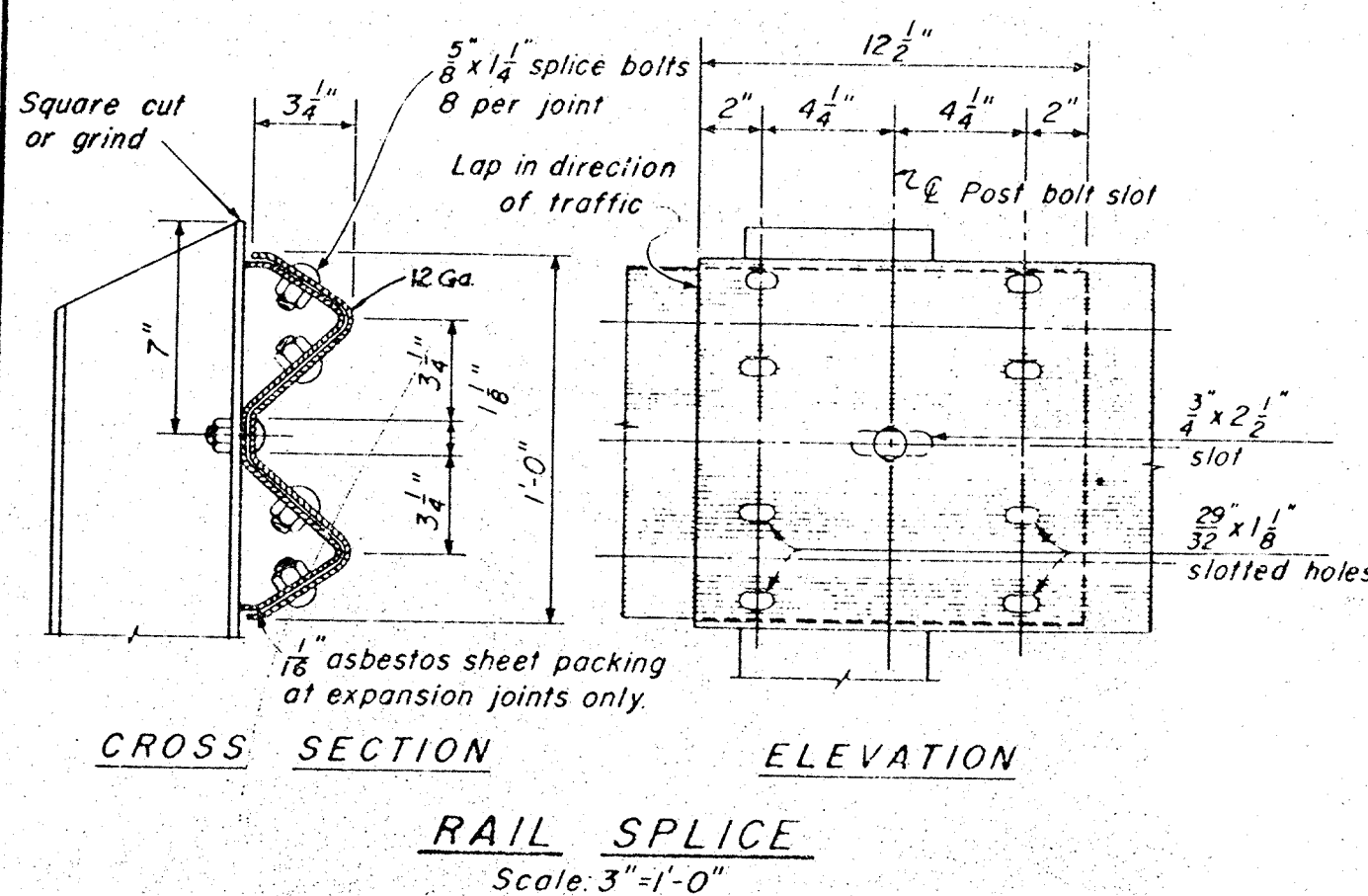
HIGH BRIDGE, N. J., U. S. A.

STRAIGHT EDGE RULE SE-48

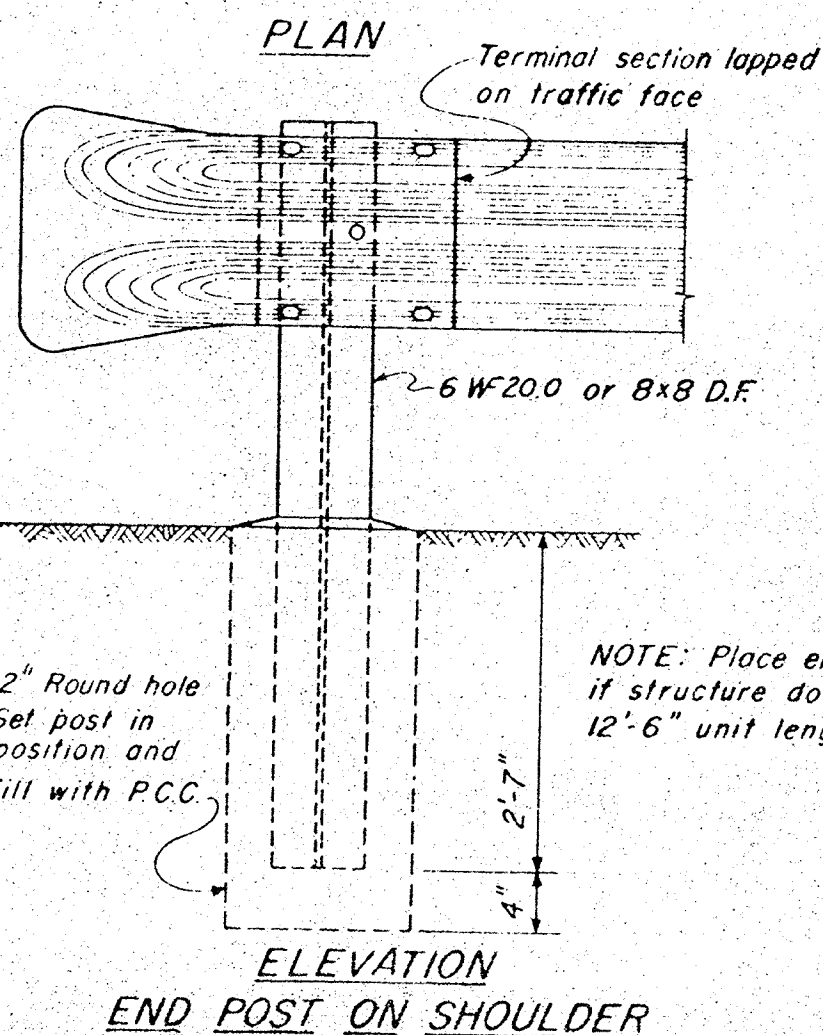
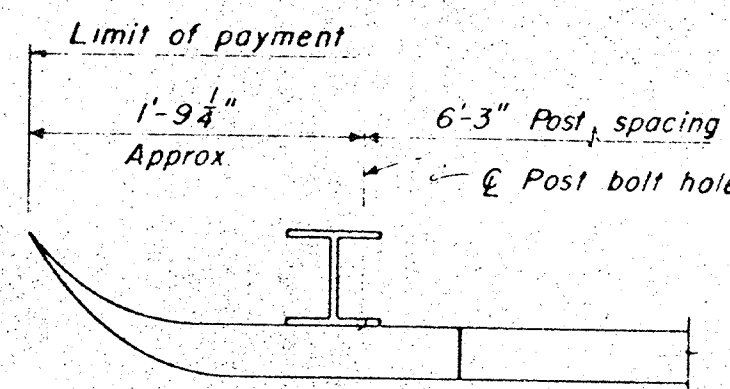


- LEGEND**
- STRUCTURE EXCAVATION
 - STRUCTURE BACKFILL
 - ROADWAY EMBANKMENT
 - CHANNEL EXCAVATION

**TYPICAL
STRUCTURE EXCAVATION &
BACKFILL DETAILS**



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



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

**ELEVATION
END POST ON SHOULDER**

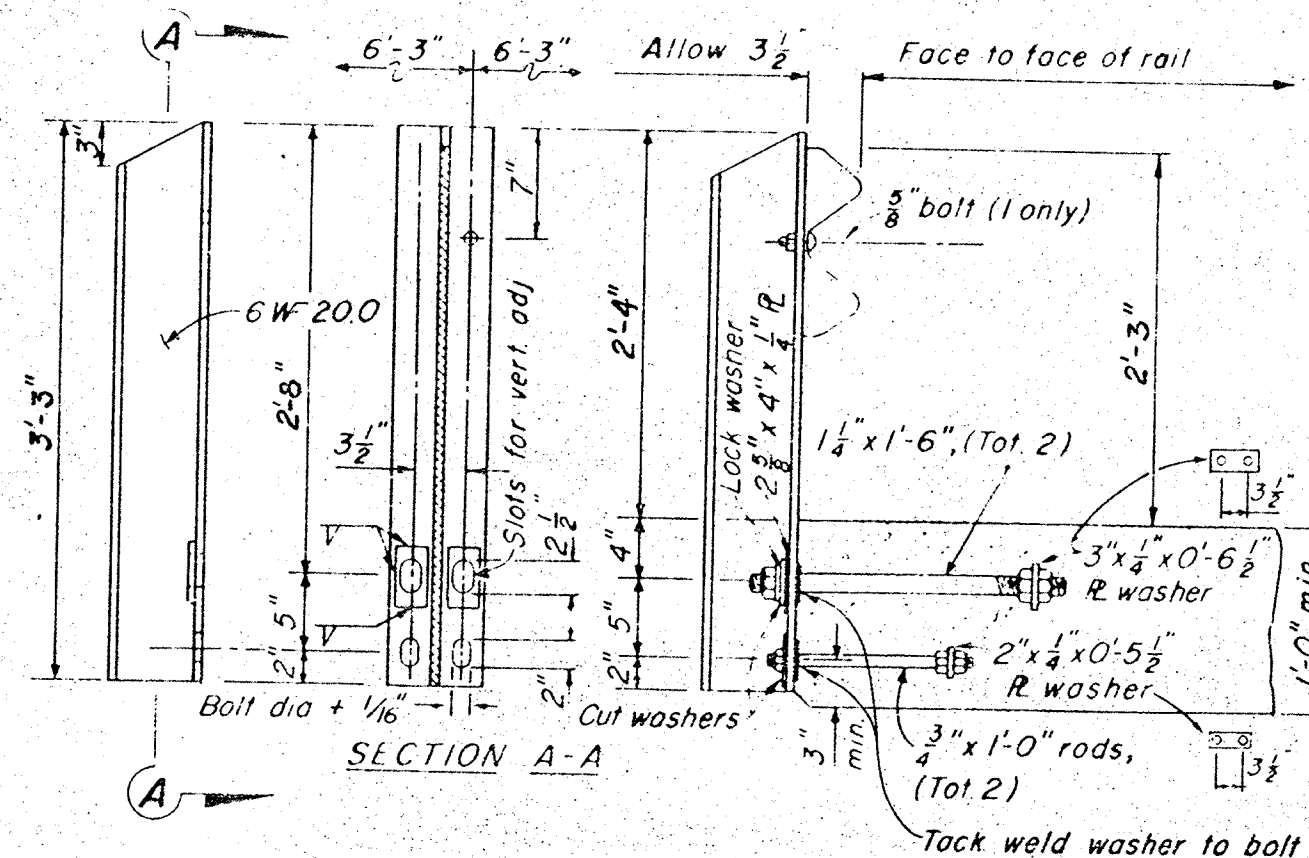
Notes:

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 5/8" x 4" x 1/4" plates on W posts when using 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.

6H22.5 posts may be substituted for 6WF20.0 posts at Contractor's option.

2 5/8" x 4" x 1/4" plates shown on 6WF20.0 posts not required on 6H22.5 posts



POST FOR THIN SLABS

METAL BEAM GUARD RAIL DETAILS

LINCOLN AVENUE BRIDGE
Plan # 10326
Sheet 24 of 25
Revised 22:5.1
Scale: As Shown
Sept 1971

AS BUILT

LINCOLN AVENUE
BRIDGE SA-10
OVER
SANTA ANA RIVER
GUARD RAIL - BACKFILL &
EXCAVATION DETAILS

DR 10 (10326)