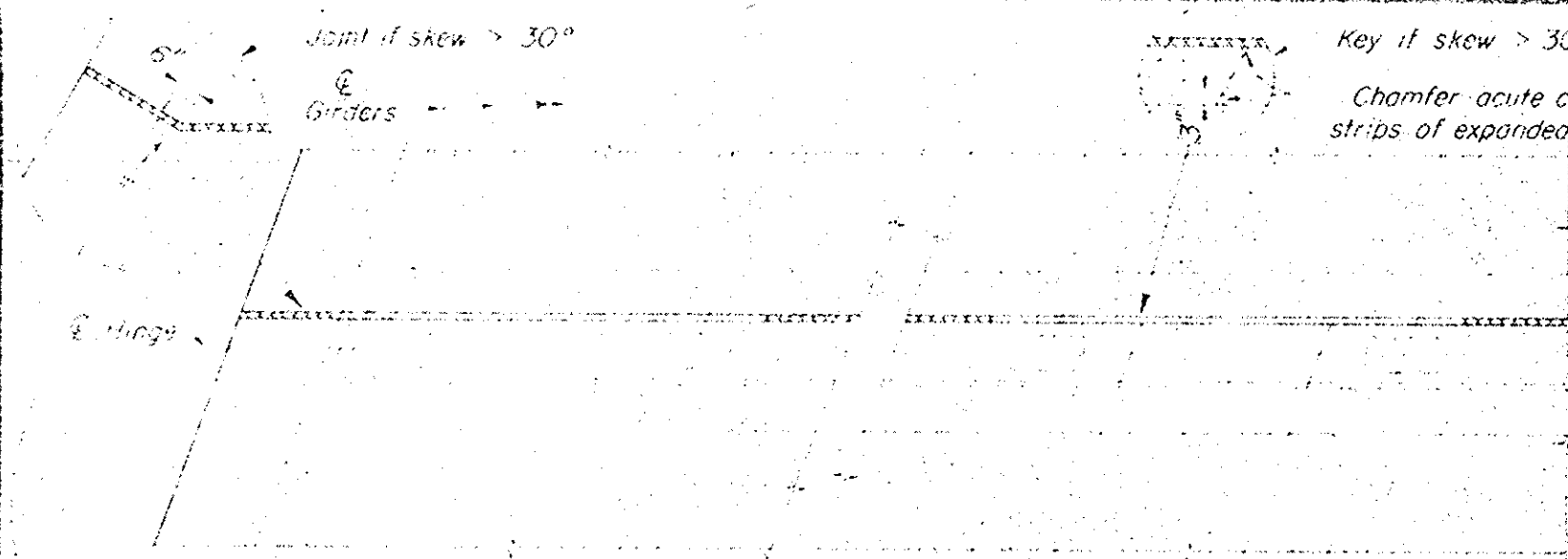


EXACT®

EXACT LEVEL 1001 MFG. CO. U.S.A.

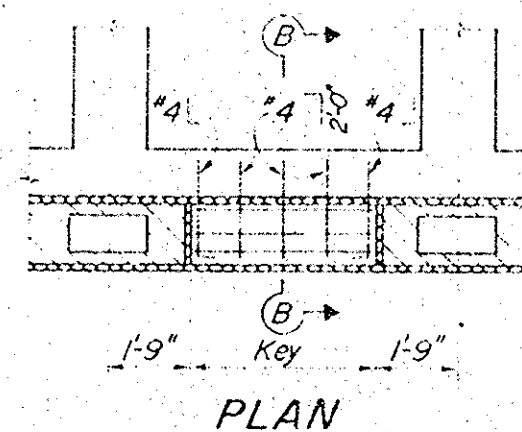
EXACT LEVEL 1001 MFG. CO. U.S.A.

STRAIGHT EDGE RULE SE-48

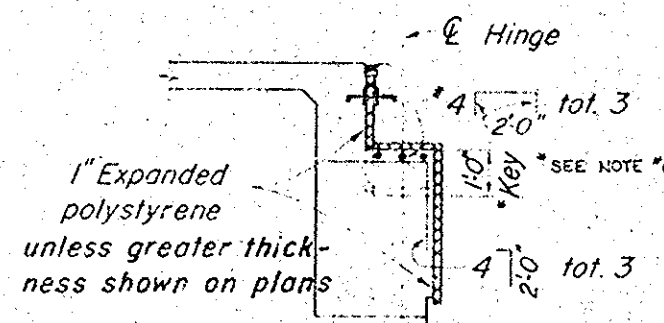


In lieu of sawcutting, this area may be blocked out & epoxied in to match sawcutting on both sides.

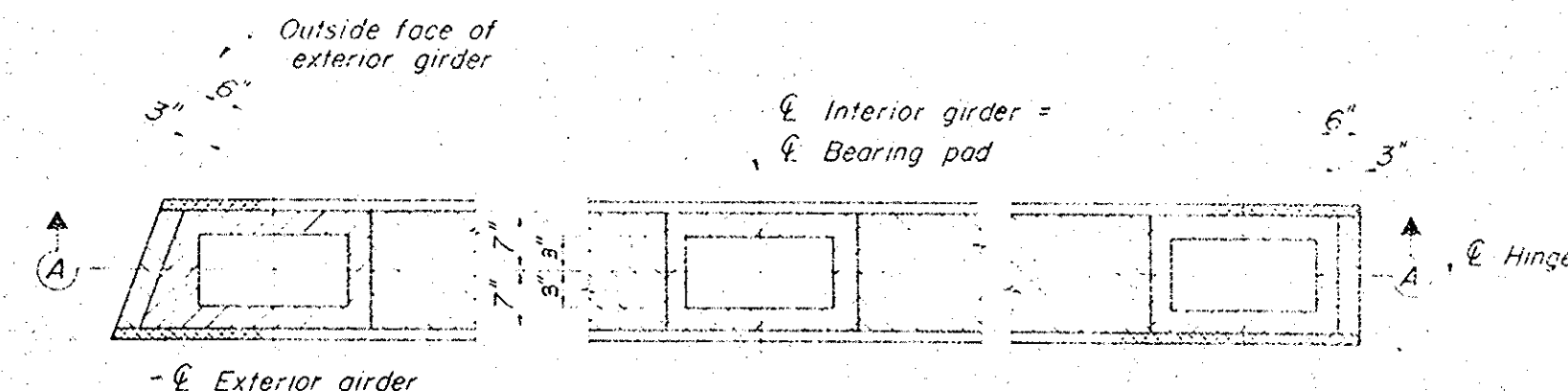
PLAN  
HINGE SKEWED TO GIRDER



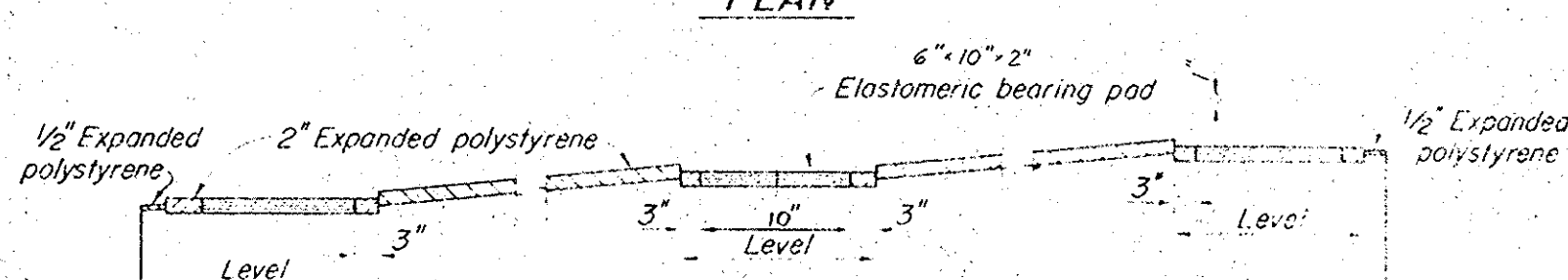
PLAN



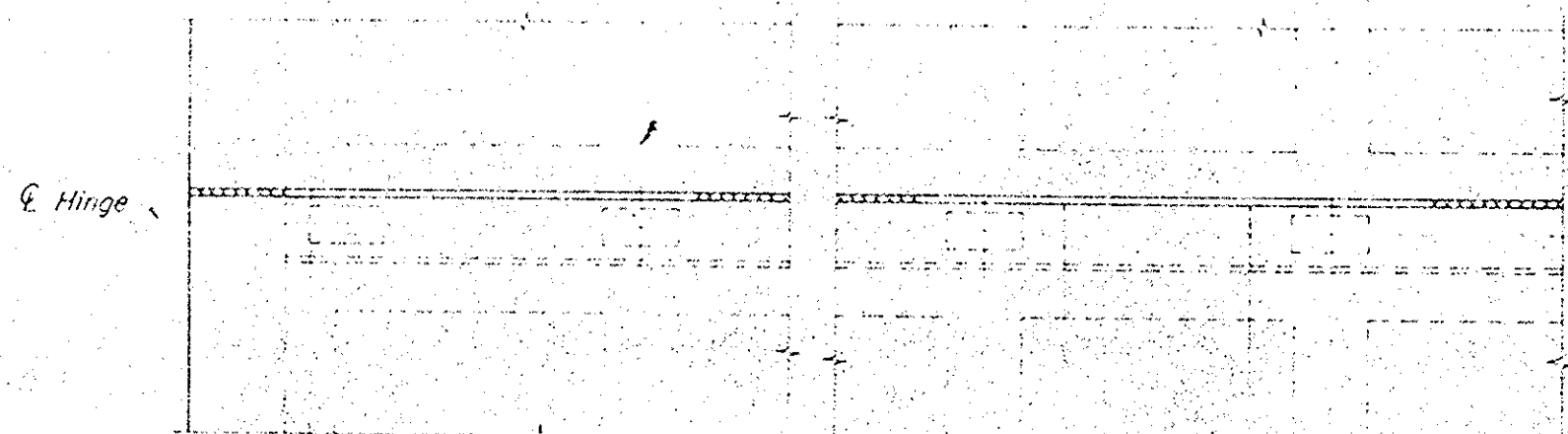
SECTION B-B  
KEY DETAIL



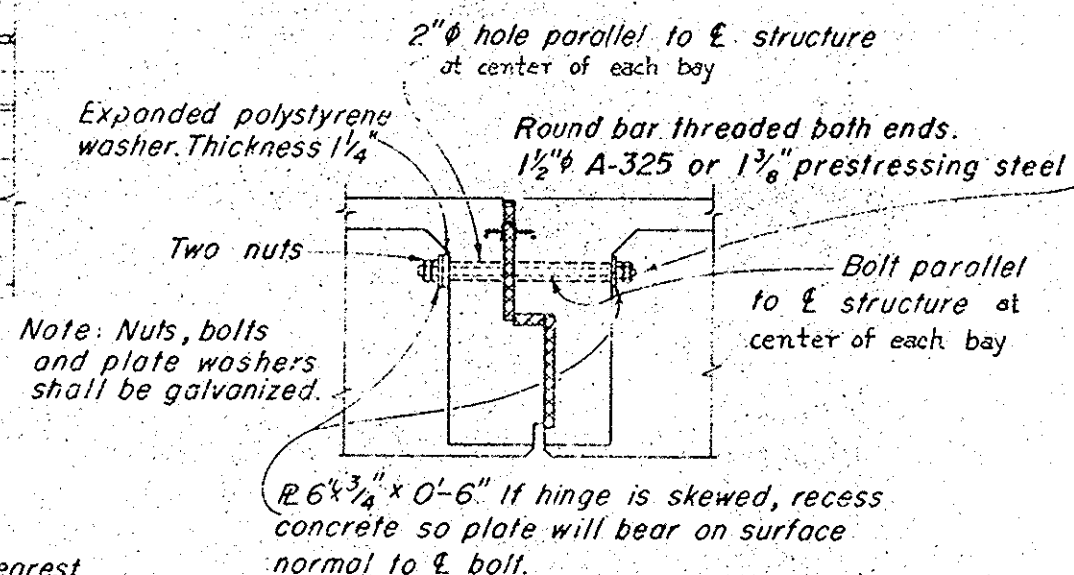
PLAN



SECTION A-A  
TYPICAL BEARING DETAIL

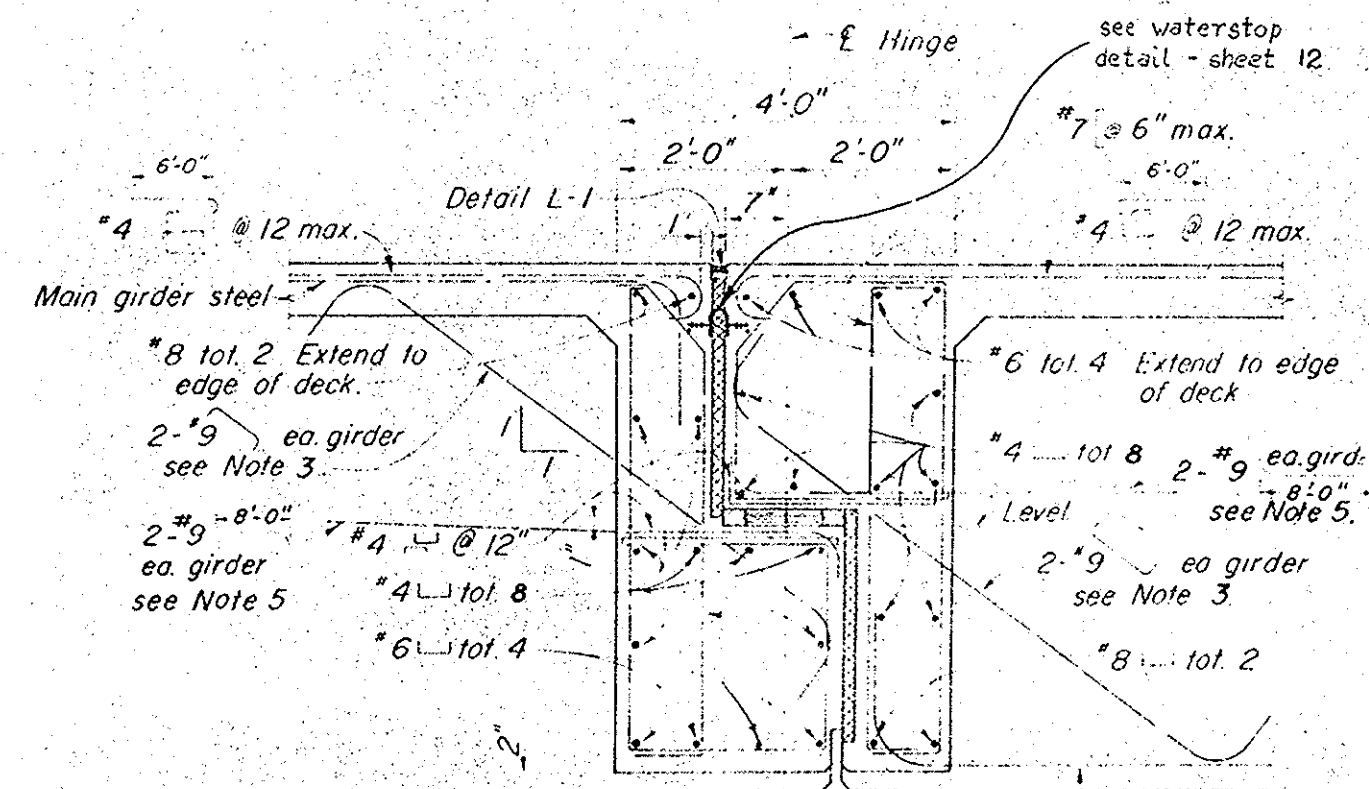


PLAN  
HINGE NORMAL TO GIRDER



EQUALIZING BOLT DETAIL

Place One Equalizing Bolt Per Bay



NOTES:

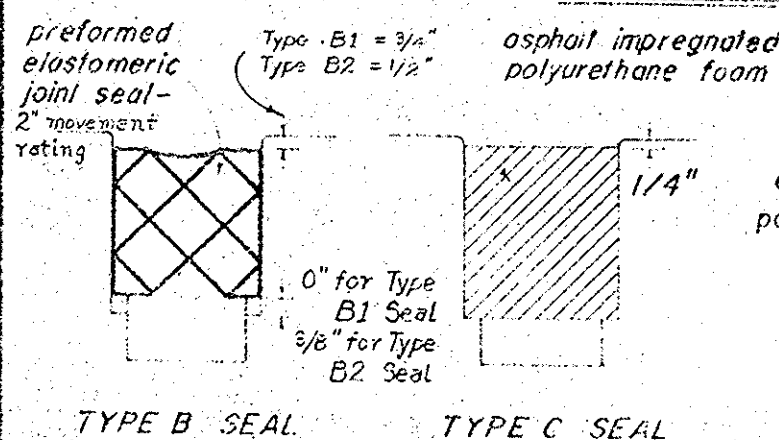
- Vertical surfaces of expanded polystyrene against which concrete is to be placed shall be faced with hardboard or other suitable material which is approved by the engineer.
- To provide for free movement of the completed hinge, concrete is to be excluded from the joint by sealing all openings.
- Bars may be bundled vertically with hooks horizontal if required for clearance.
- When the key interferes with the placement of the equalizing bolt, place two bolts at 3'-foot centers in either adjacent cell.
- Bars may be bent in the horizontal plane to clear inclined #9 bars.
- Use 6" deep key when girder depth is less than 4'-0"

SECTION THRU HINGE

T-3041(45)

ORANGE COUNTY ROAD DEPARTMENT  
GARDEN GROVE BLVD.  
BRIDGE SA-18  
OVER  
SANTA ANA RIVER  
HINGE DETAILS

22.7 (106.44)

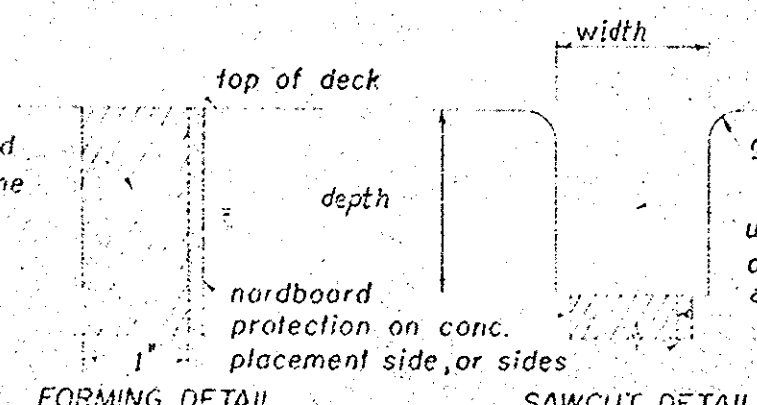


TYPE B SEAL TYPE C SEAL

Typical reinforcing placing details

1/4" Expansion jt. filler at sides of key

SECTION AT HINGE

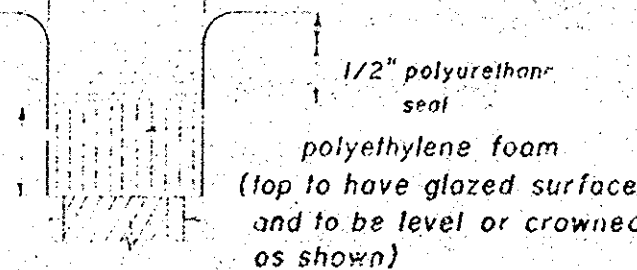


FORMING DETAIL

grind 1/4" round

uniform width & depth of sawcut as required

SAWCUT DETAIL  
DETAIL L-1



TYPE A SEAL