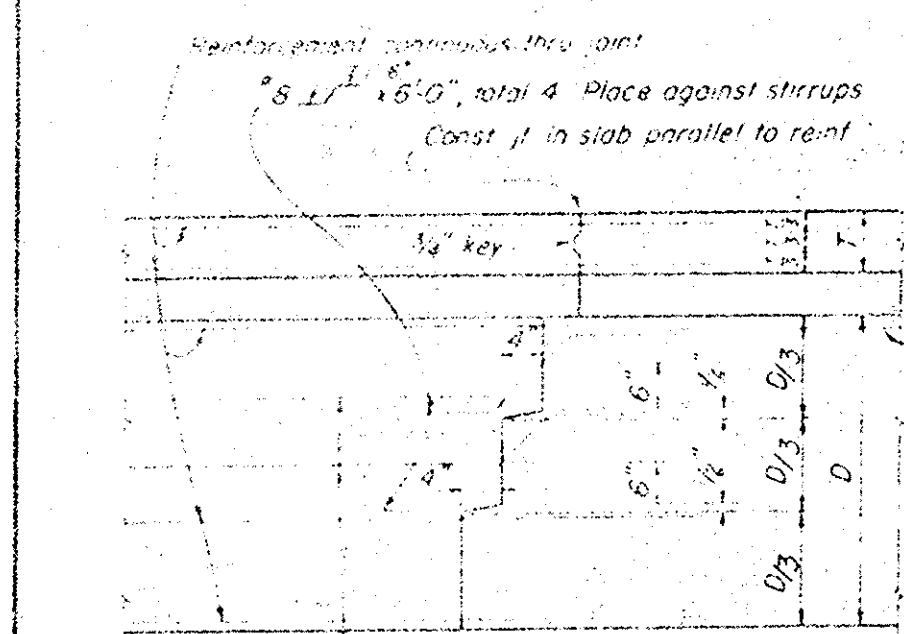


EXACT®

EXACT LEVEL &amp; TOOL RULE

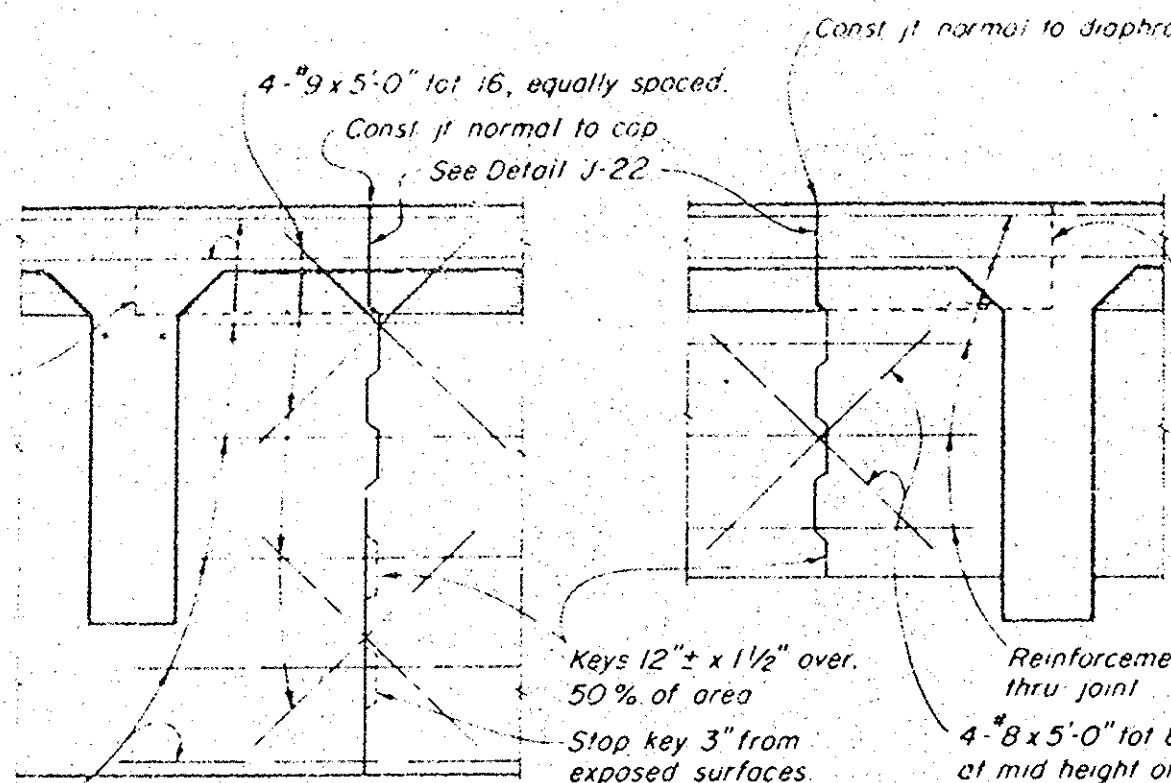
HILL BRIDGE, N. J., U. S. A.

STRAIGHT EDGE RULE SE-48

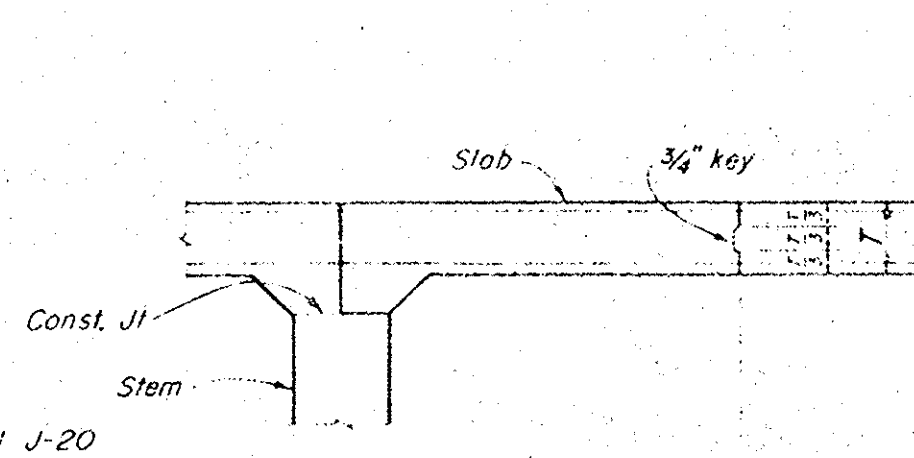
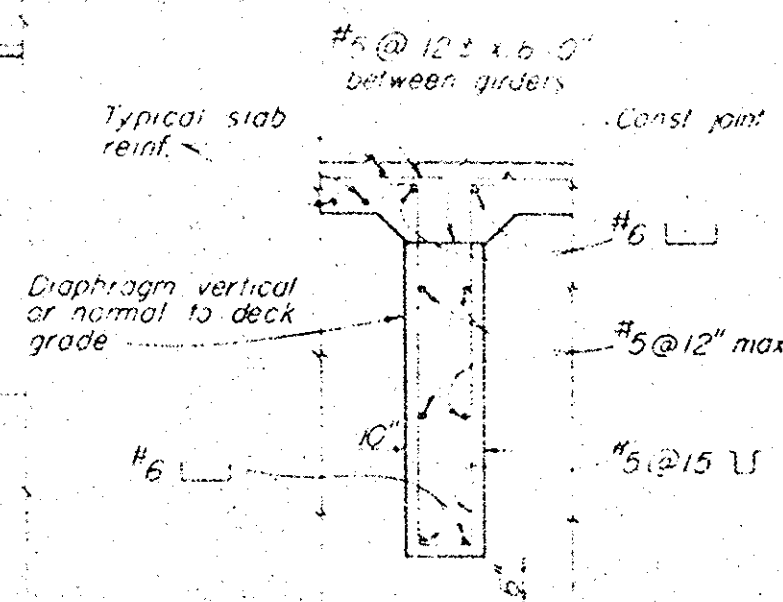


TRANSVERSE GIRDER CONSTRUCTION JOINTS

DETAIL J-3

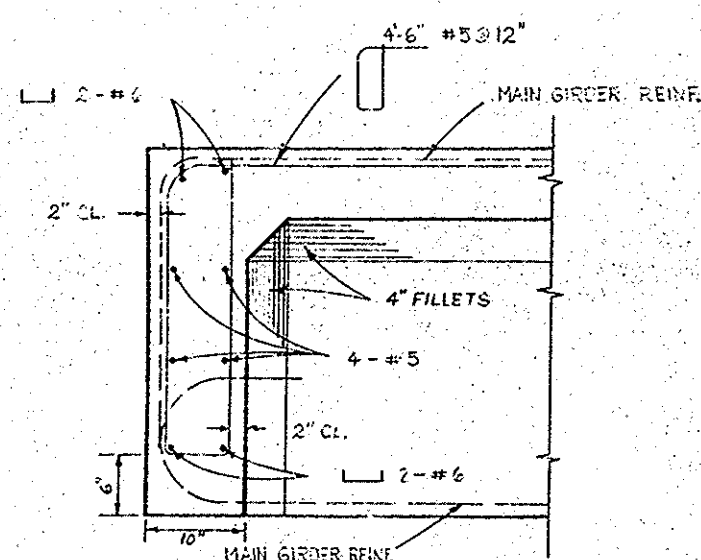
BENT CAP  
LONGITUDINAL CONSTRUCTION JOINTS

DETAIL J-4

DETAIL  
J-20DETAIL  
J-22

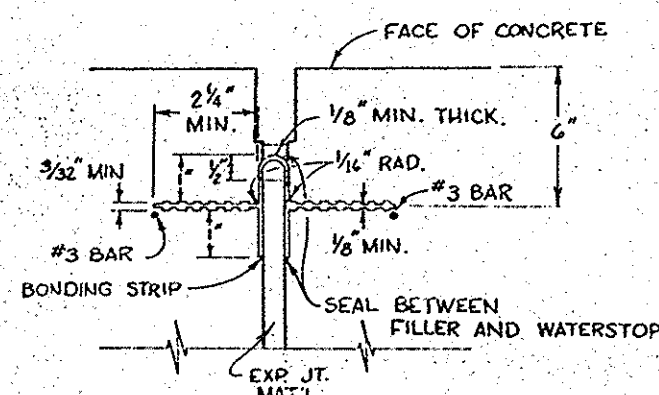
INTERMEDIATE DIAPHRAGM SECTION

DETAIL D-1



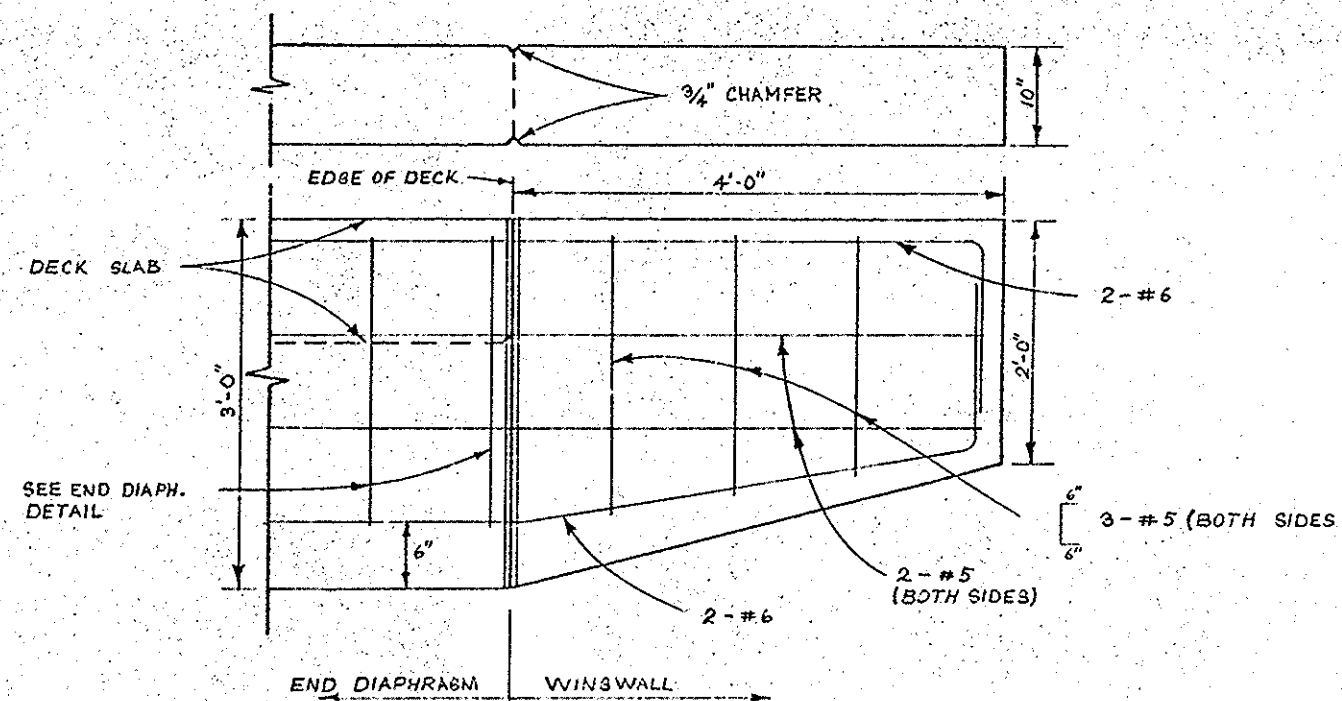
END DIAPHRAGM

(SEE WINGWALL DETAIL - THIS SHEET)



WATERSTOP DETAIL

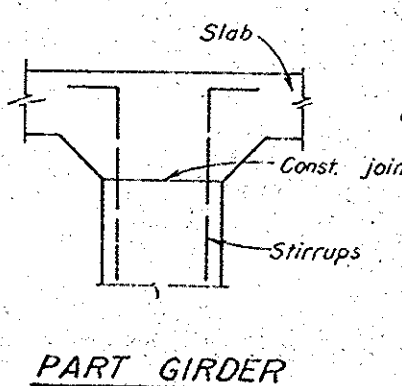
NOTE: WATERSTOP TO HAVE 5 OR MORE PAIRS OF RAISED RIBS TO PROVIDE 0.1 SQ. IN. MIN. RIB CROSS-SECTION AREA ON EACH HALF OF THE WATERSTOP. HEIGHT OF RIBS TO BE 3/32" MIN. HOLES WILL BE PERMITTED IN THE OUTER 1/2" OF THE WEB FOR WIRE, RINGS, ETC. TIE WEB TO #3 REBAR @ 12" MAX. TO SUPPORT THE WATERSTOP IN PROPER POSITION DURING CONCRETE PLACEMENT.



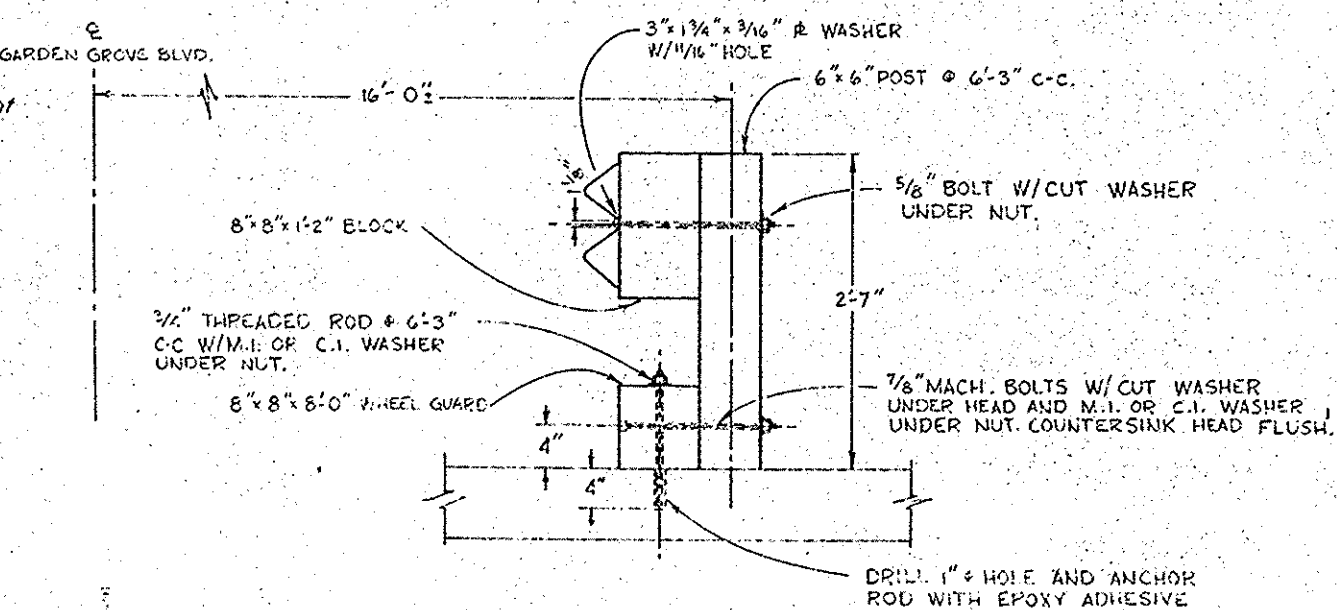
WINGWALL DETAIL

SCALE 1/2" = 1'-0"  
(SEE END DIAPHRAGM - THIS SHEET)

AS BUILT



PART GIRDER



TEMPORARY METAL BEAM RAILING

T-3041(45)

ORANGE COUNTY ROAD DEPARTMENT

GARDEN GROVE BLVD.  
BRIDGE SA-18OVER  
SANTA ANA RIVER

MISCELLANEOUS DETAILS

SCALE AS NOTED

SHEET 2 OF 17

DR. 7(10644)