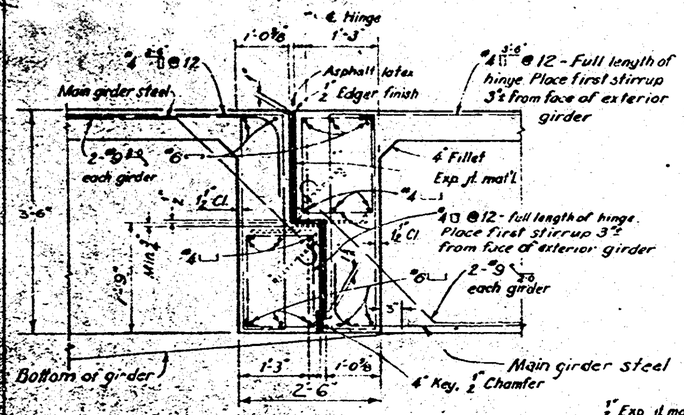
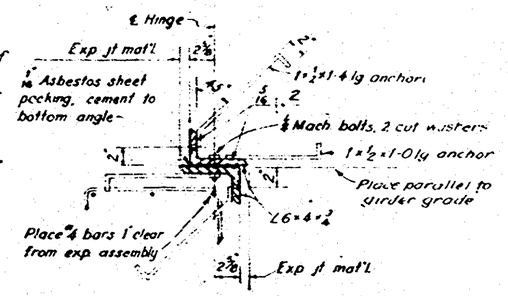
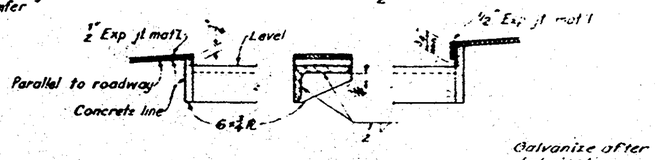


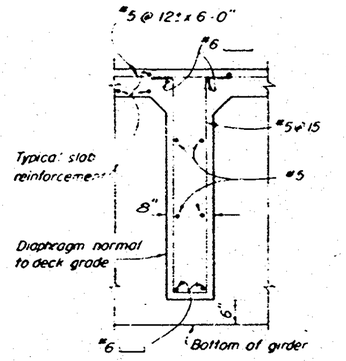
TYPICAL EXPANSION HINGE



SECTION THRU EXPANSION ASSEMBLY
SCALE: ½" = 1'-0"

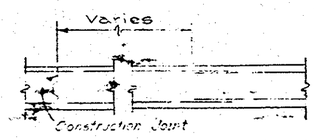


DETAIL 'A'
SCALE: ½" = 1'-0"

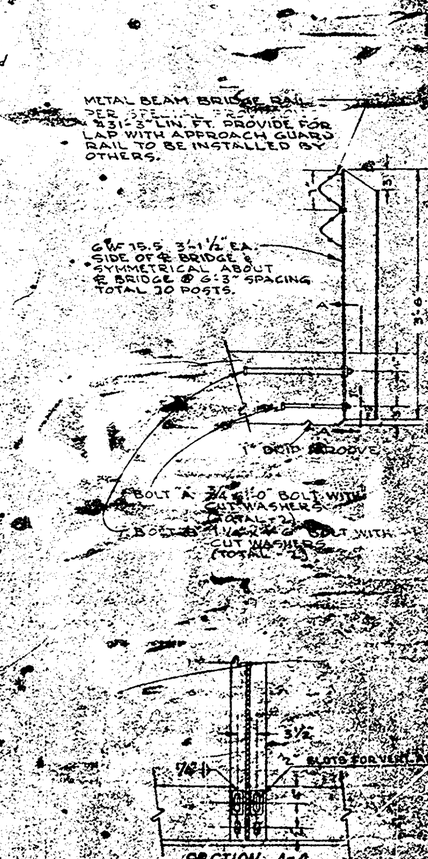


INTERMEDIATE DIAPHRAGM SECTION
DETAIL D-1

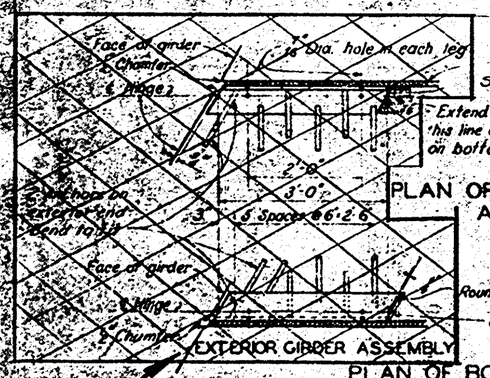
Note: Reinforcement may be spliced as necessary, subject to approval by the Engineer.



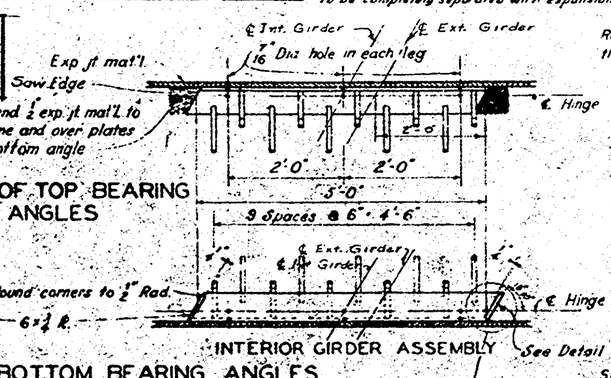
REINFORCEMENT SPLICE IN DECK SLAB
DETAIL S-1

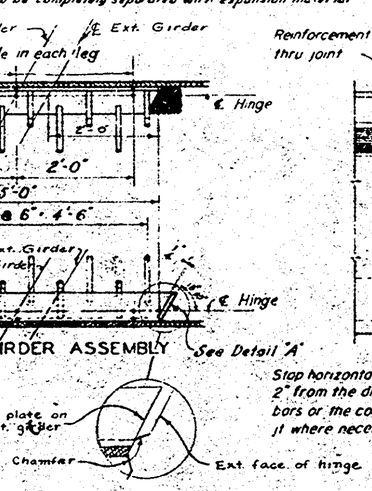


TYPICAL GUARD RAIL POST ANCHORAGE
SCALE 1"=1'-0"

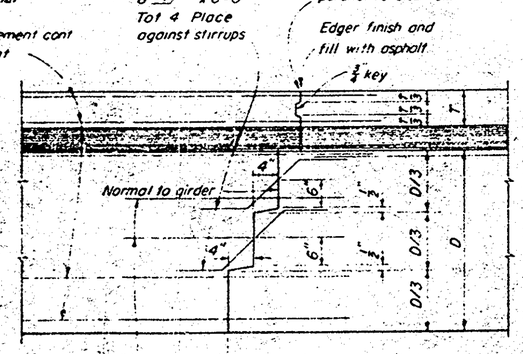


HINGE SKEWED TO GIRDER
SCALE ¾"=1'0"





Reinforcement cont thru joint

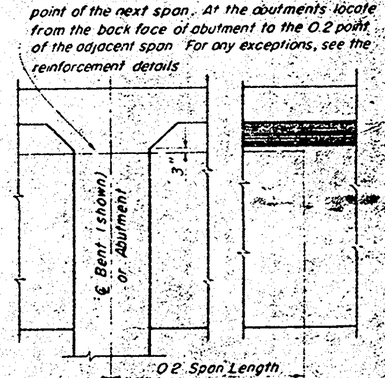


Stop horizontal bars 2" from the diagonal bars or the construction jt where necessary

Const jt in slabs to be parallel to slab reinf

Edger finish and fill with asphalt

¾" key



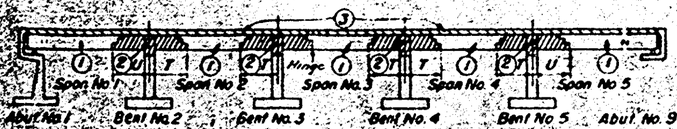
0.2 Span Length
For optional location see "Placing Diagram"

TRANSVERSE GIRDER CONSTRUCTION JOINTS
DETAIL J-3

0.2 Span Length

2-#8 at all bents and abutments At bent locate between the 0.2 point of one span and the 0.2 point of the next span. At the abutments locate from the back face of abutment to the 0.2 point of the adjacent span For any exceptions, see the reinforcement details

REINFORCEMENT
DETAIL J-1



TEE BEAM SUPERSTRUCTURE PLACING DIAGRAM

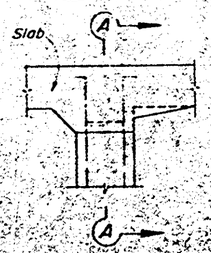
Numbers (1) and (2) indicate sequence of placing girder stem concrete. (2) may be placed simultaneously with (1) when approved by the Engineer, and provided that the (1) sections are placed in adjoining spans.

Concrete in (3) shall be placed separately from (1) and (2). (3) may be placed simultaneously as reports as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between (1) and (2).

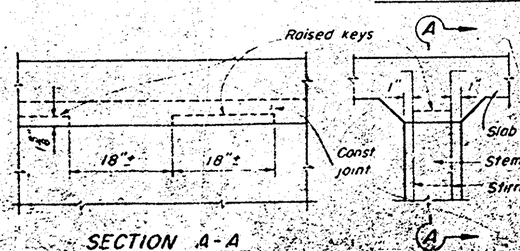
¼ span length

¼ span length

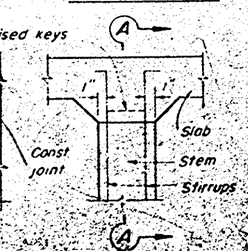
For other methods of placing the above the contractor shall submit a diagram to the Engineer.



PART SECTION EXTERIOR GIRDER WITH SLAB CANTILEVER KEY - GIRDER STEM TO SLAB
DETAIL J-5



SECTION A-A



PART SECTION INTERIOR GIRDER

PLAN OF DECK TRANSVERSE CONSTRUCTION JOINT

SA-26
Bolsa Ave Bridge- As Built
over Santa Ana River
Sheet 7 of 11
Scale As Shown
Blackline Print

ORANGE COUNTY HIGHWAY DEPARTMENT
BOLSA AVE. BRIDGE
ACROSS SANTA ANA RIVER

MICROFILMED JUN 18 1962