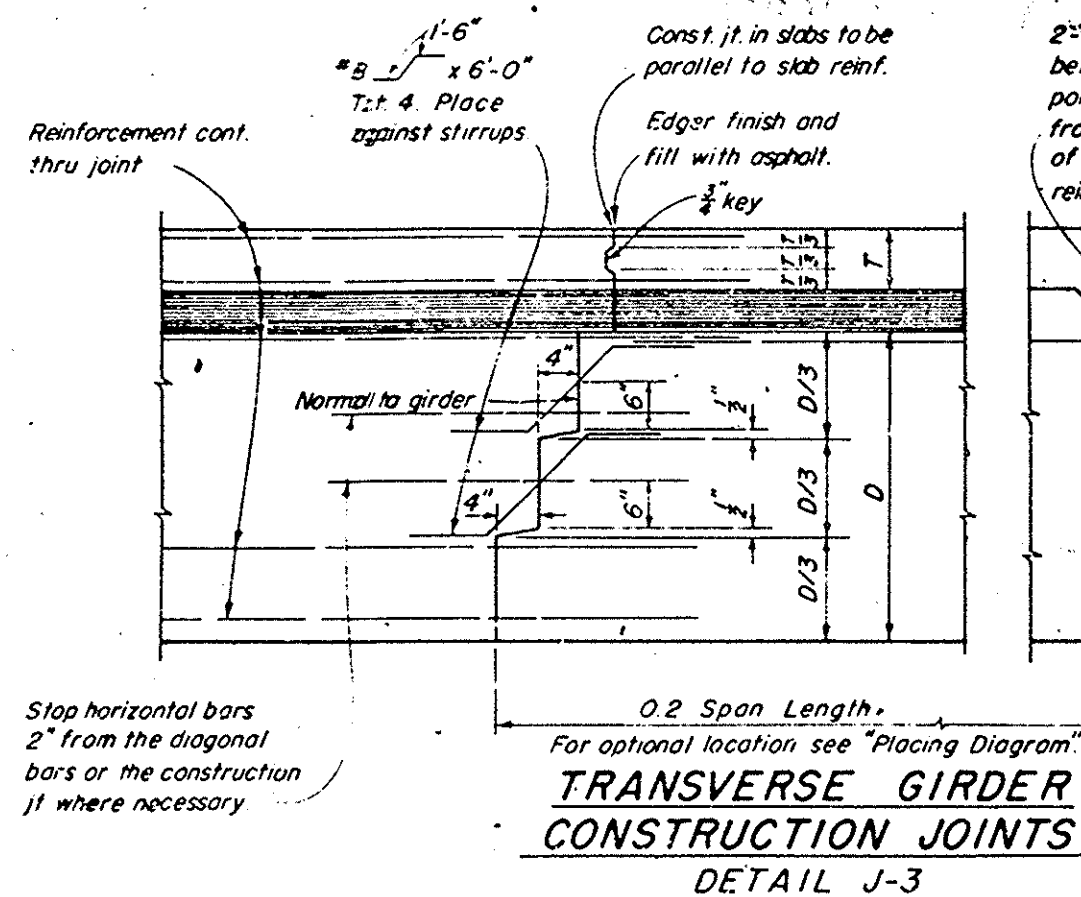
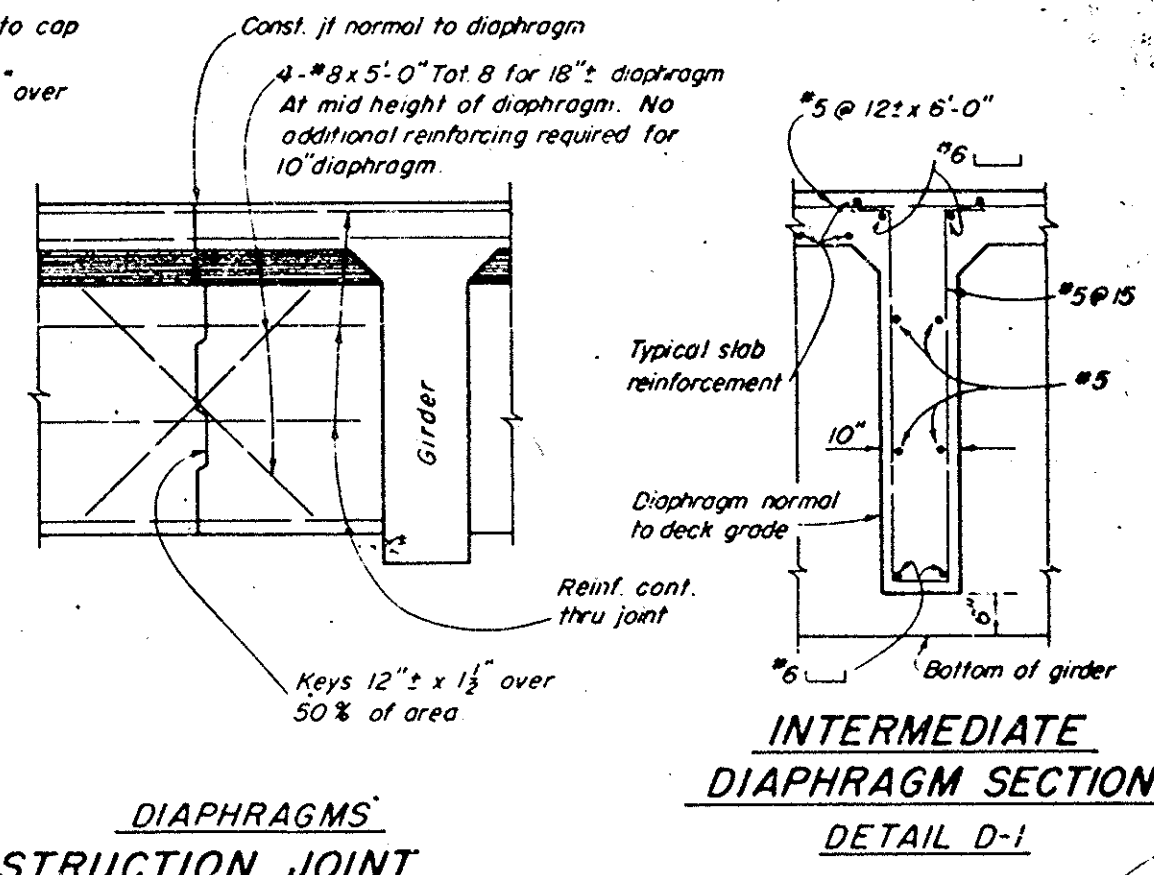
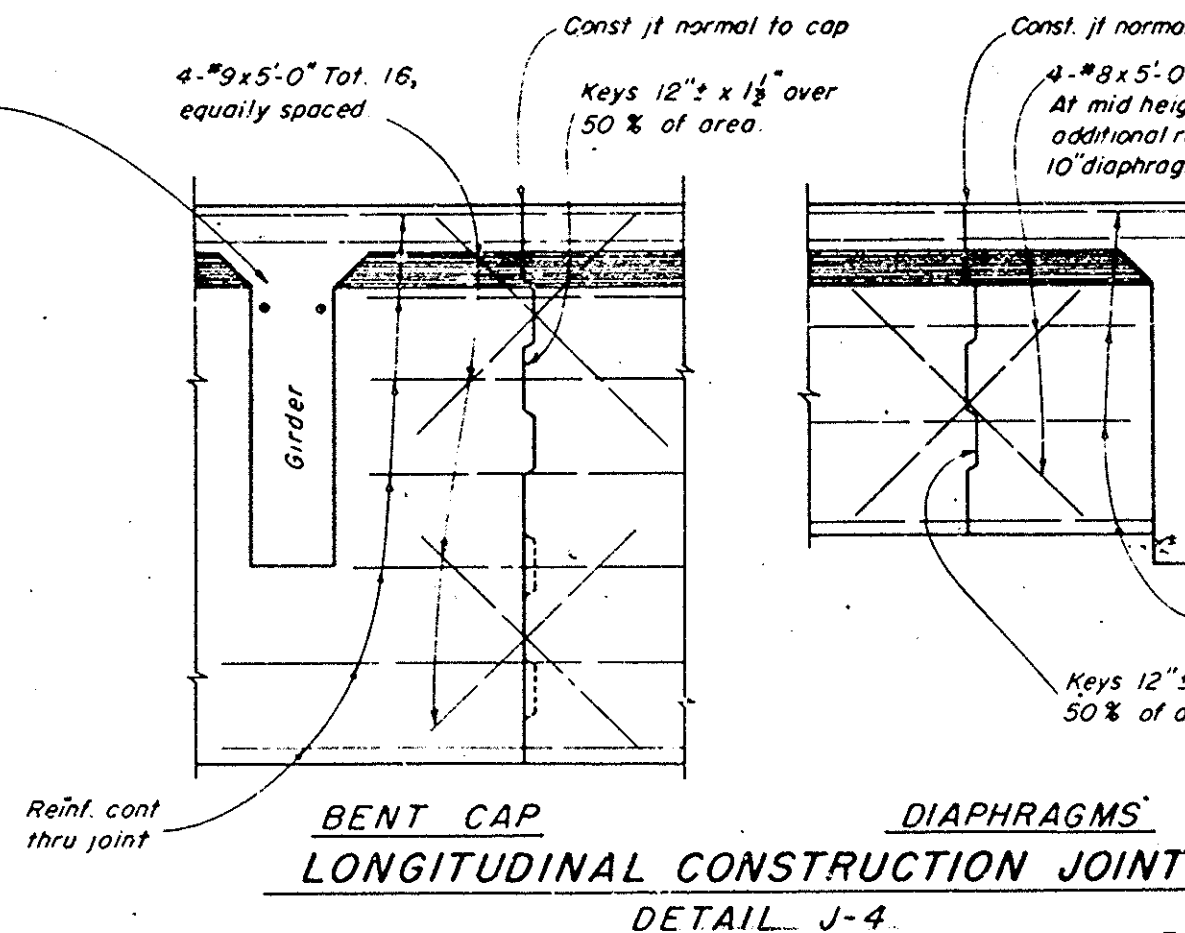
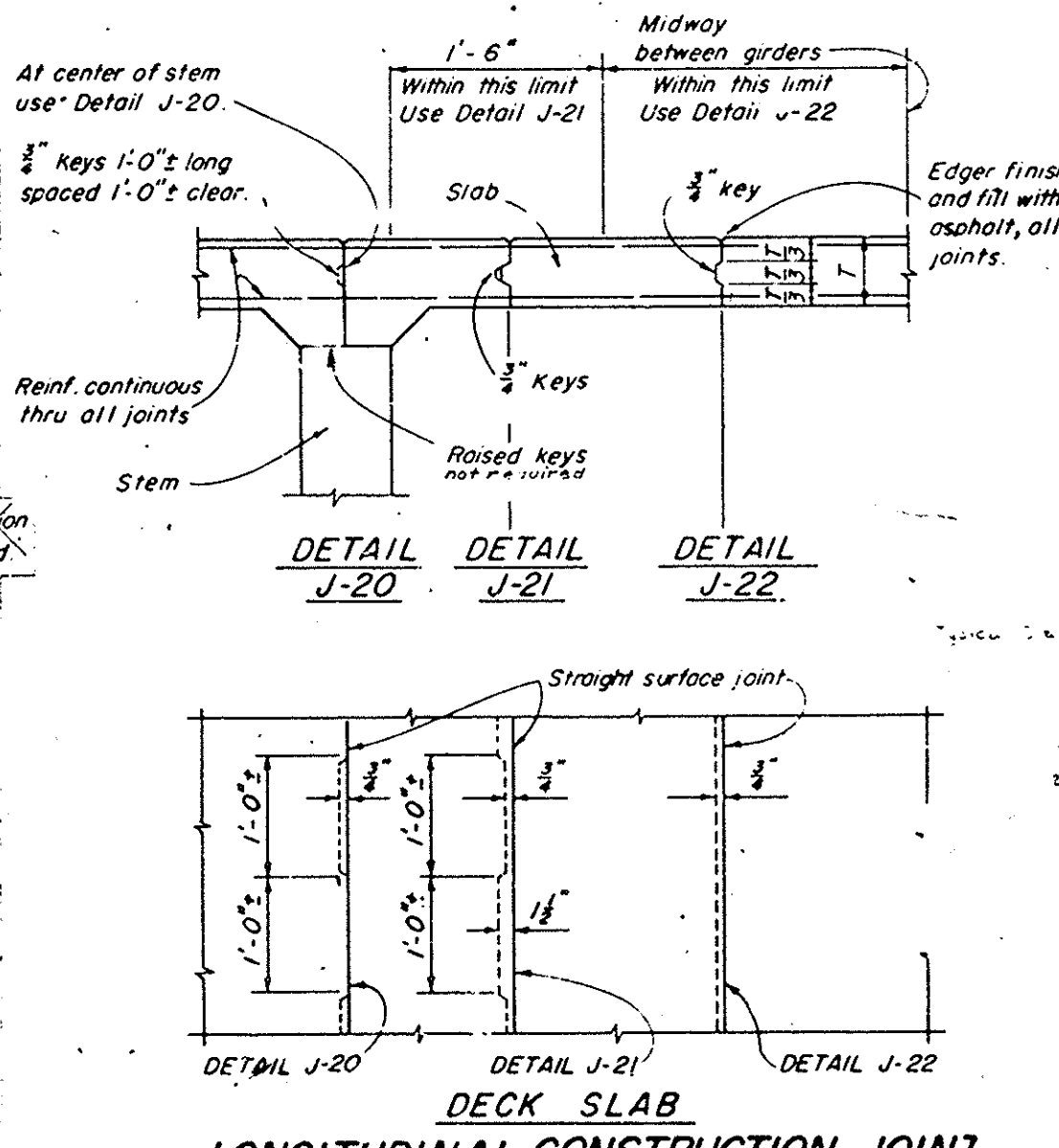
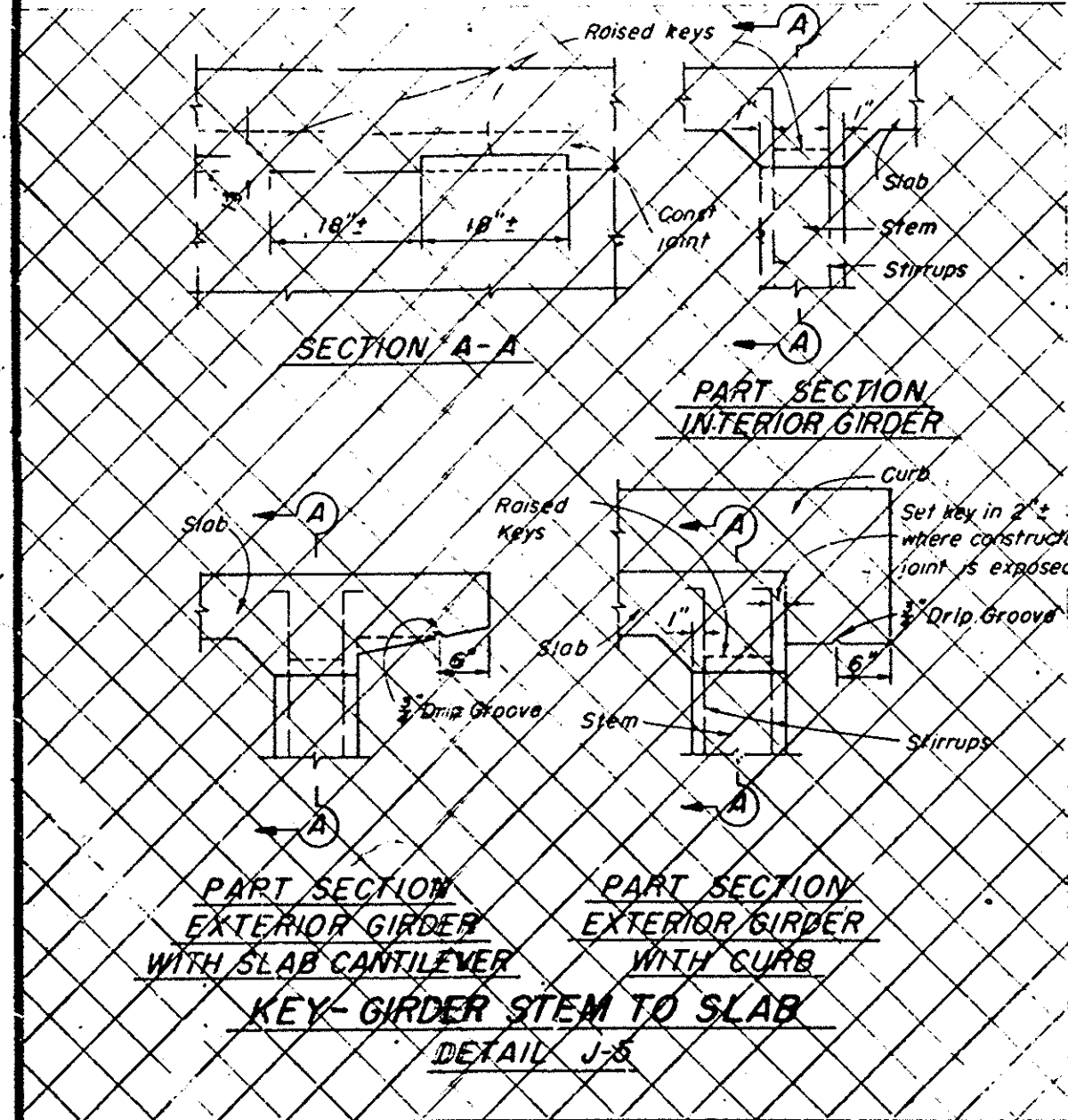




**REINFORCEMENT
DETAIL J-1**

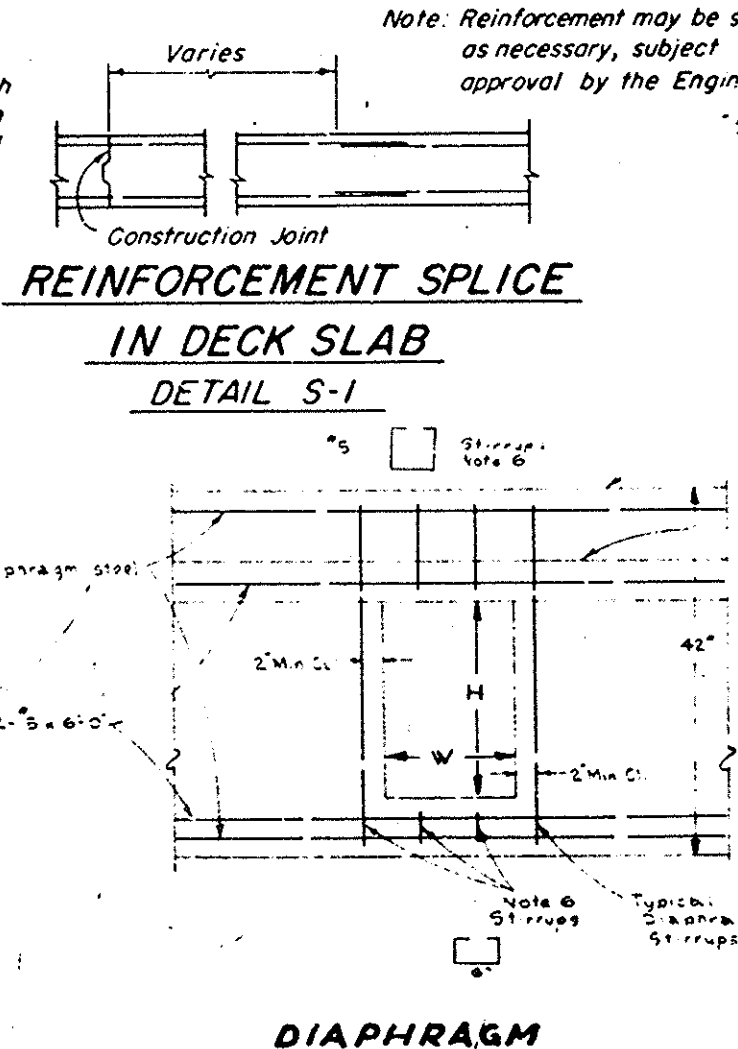


**INTERMEDIATE
DIAPHRAGM SECTION
DETAIL D-1**

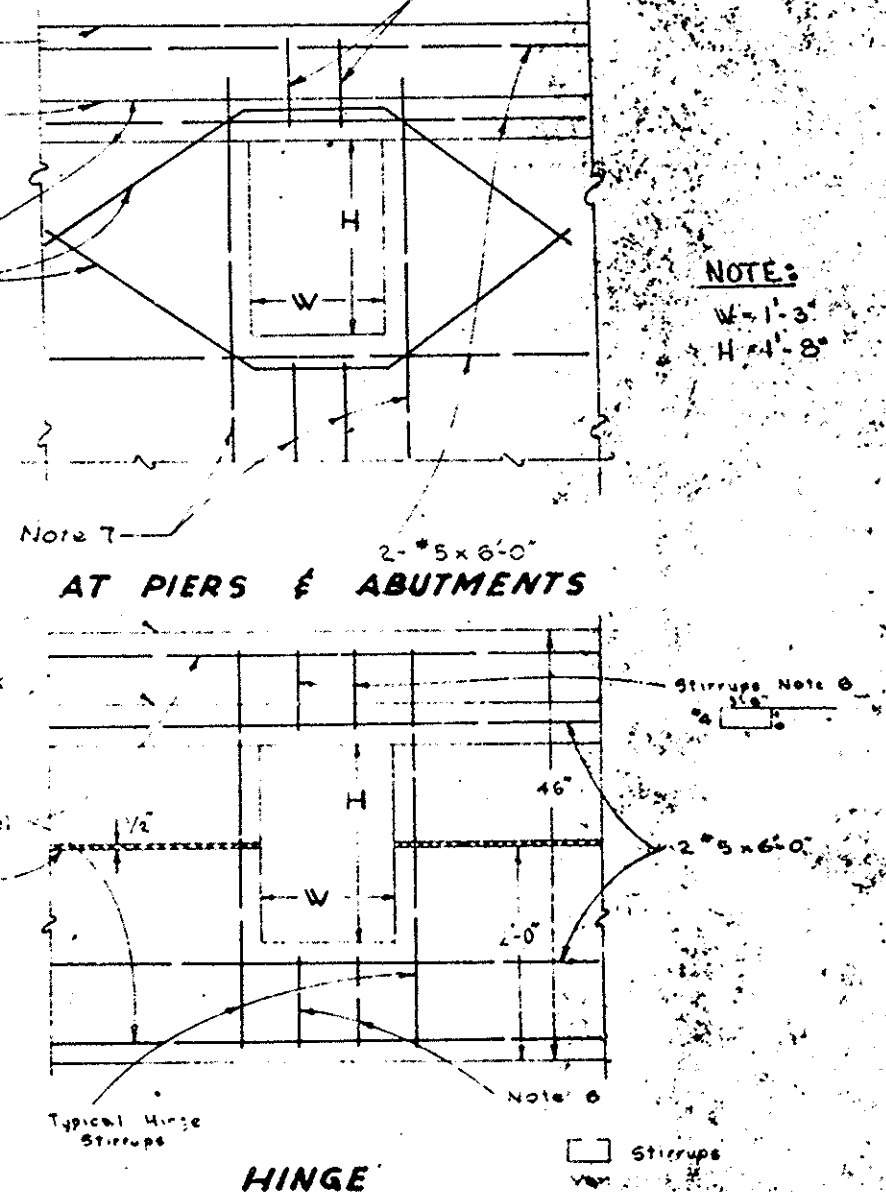


**DECK SLAB
LONGITUDINAL CONSTRUCTION JOINT**

Note: Longitudinal construction joints in slab, if required, are to be located at edge of traffic lanes except as approved by the Engineer.



DIAPHRAGM UTILITY DETAILS



HINGE

- NOTES:
1. For exact location and direction of openings see other sheets.
 2. Location and size of utility openings may be modified as directed by the Engineer, provided minimum dimensions are maintained.
 3. Girders not shown, see other sheets.
 4. Seal around utilities at abutments to be of sufficient strength to withstand earth pressure.
 5. All reinforcement detailed to be placed in addition to reinforcement shown on other sheets.
 6. Stirrups are same size as adjacent stirrups shown on other sheets.
 7. Main reinforcement to clear opening as detailed on other sheets.

GIRDER STEM TO SLAB KEYS ARE NOT REQUIRED.

ORANGE COUNTY HIGHWAY DEPARTMENT
DEC 8-1988
**McFADDEN AVE
BRIDGE
OVER SA RIVER**
MISCELLANEOUS DETAILS
SCALE NONE SHEET 9 OF 14