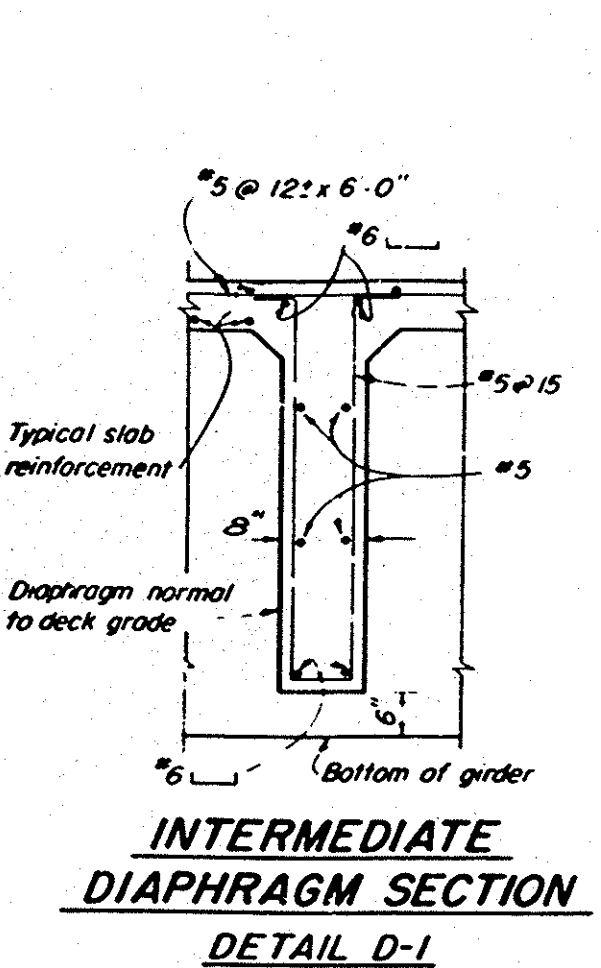
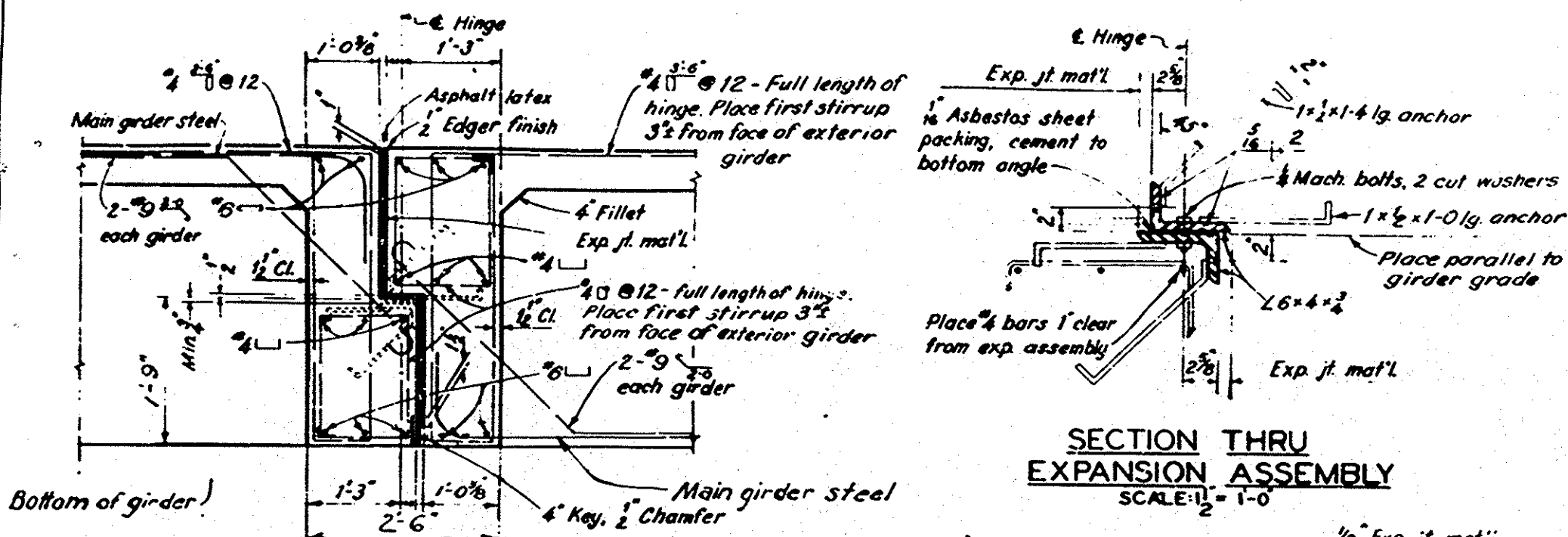




GENERAL NOTES

SPECIFICATIONS.
DESIGN: A.A.S.H.O. DATED 1953 WITH SUBSEQUENT REVISIONS, AND BRIDGE DEPARTMENT SUPPLEMENT DATED 1953.
CONSTRUCTION: STANDARD SPECIFICATIONS, DIVISION OF HIGHWAYS, DATED AUGUST 1954 AND THE SPECIAL PROVISIONS.

LIVE LOADING: H20-S16-44

UNIT STRESSES:
REINFORCED CONCRETE: $F_s = 20,000$ P.S.I., $N = 10$
 $F_c = 1,200$ P.S.I. (EXCEPT AS NOTED)
 $F_c = 1,000$ P.S.I. (ROADWAY SLAB ON GIRDERS)
 $N = 10$
STRUCTURAL STEEL: $F_s = 18,000$ P.S.I.

REINFORCEMENT: EMBEDMENT IS CLEAR TO OUTSIDE OF BAR AND IS 2" TO MAIN REINFORCEMENT, EXCEPT AS NOTED. BACKING FOR HOOKS IS FOUR DIAMETERS, EXCEPT AS NOTED.
WHERE REINFORCING BARS ARE SPICED THEY SHALL HAVE A 20 DIAMETER LAP UNLESS OTHERWISE CALLED FOR ON THE PLANS.

HIGHWAY APPROACHES: 24'-0" WIDE TO 30'-0" WIDE AT THE BRIDGE WITH 1'-3" PLANT MIX SURFACING OVER 5" UNTREATED ROCK BASE. VARIABLE GRADED EARTH SHOULDERS.

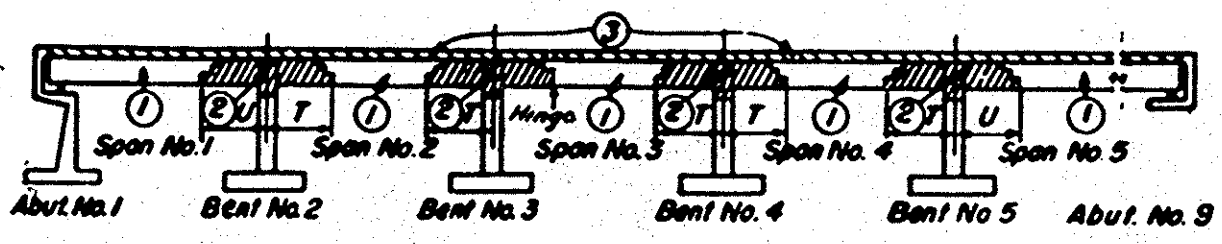
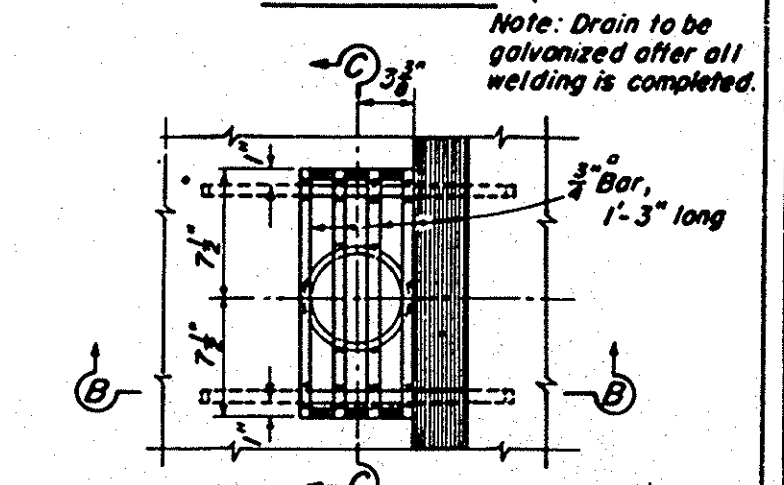
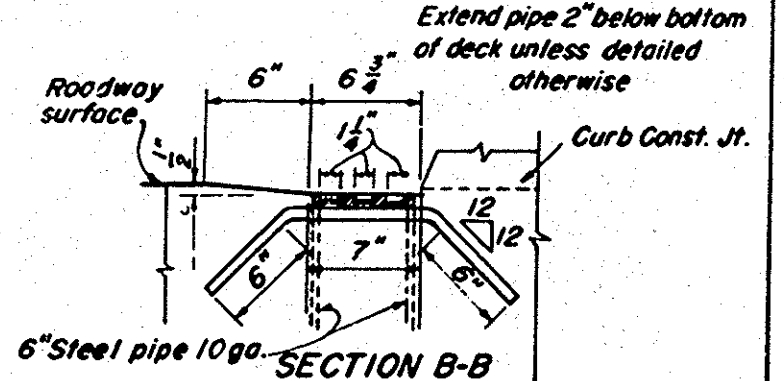
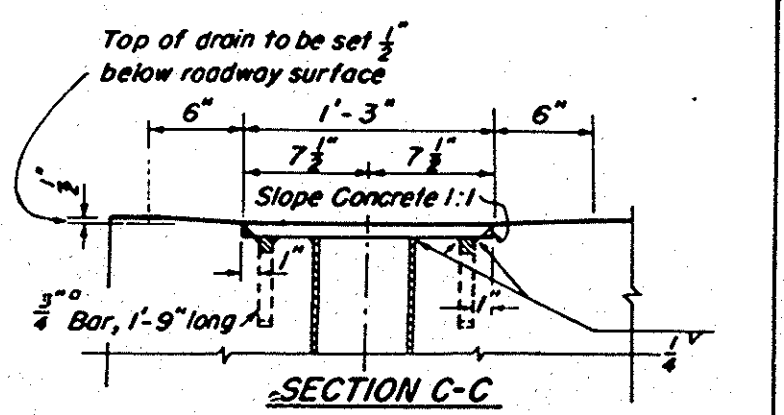
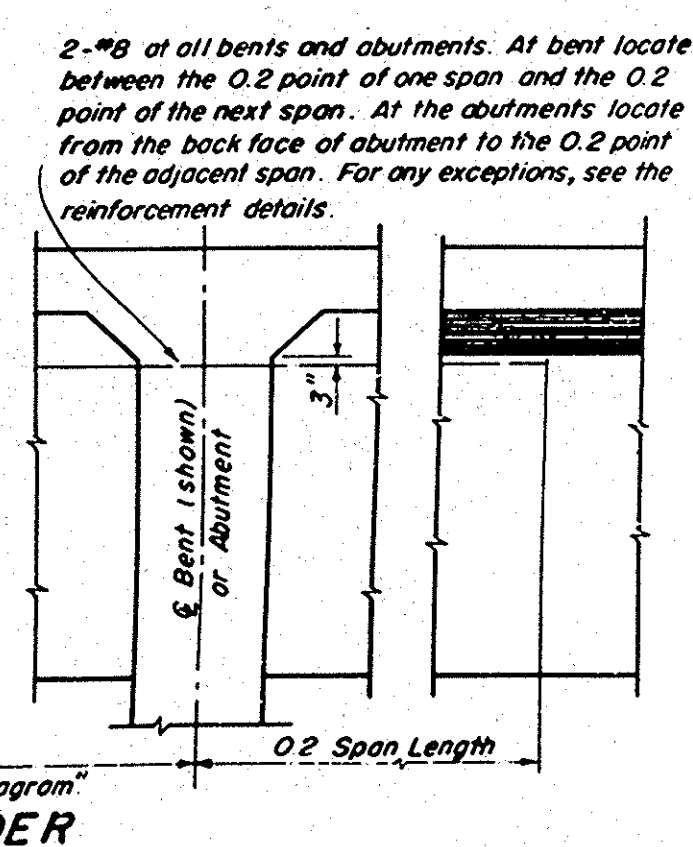
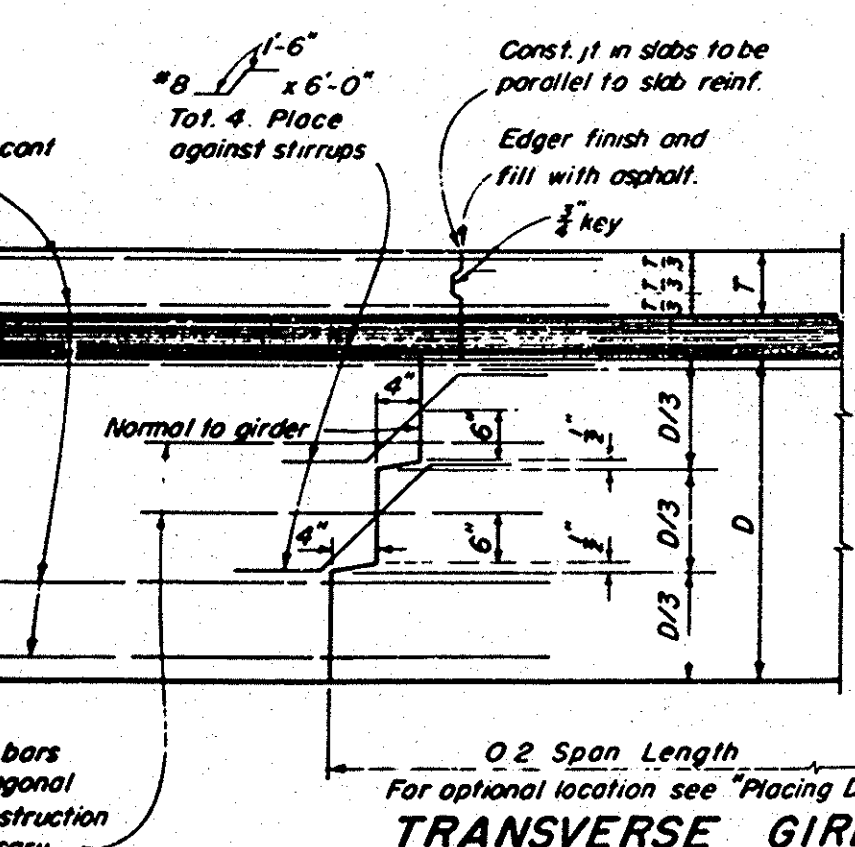
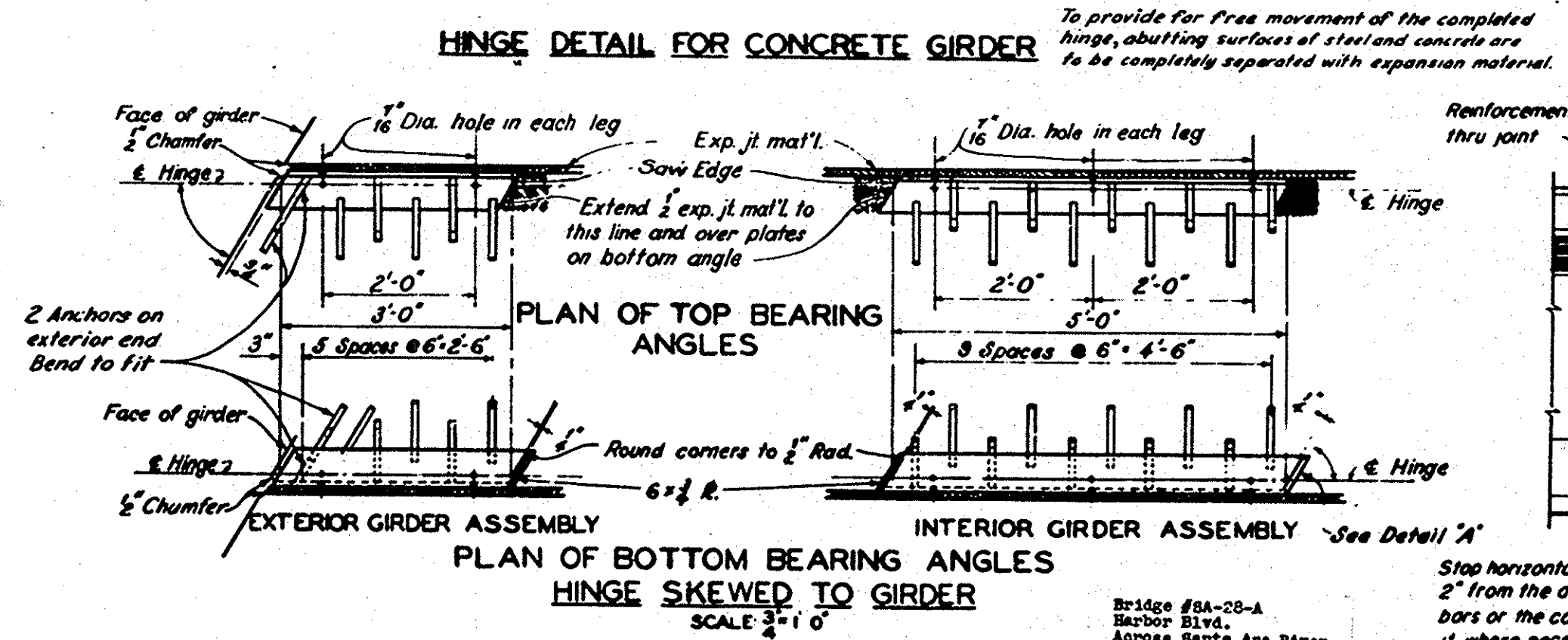
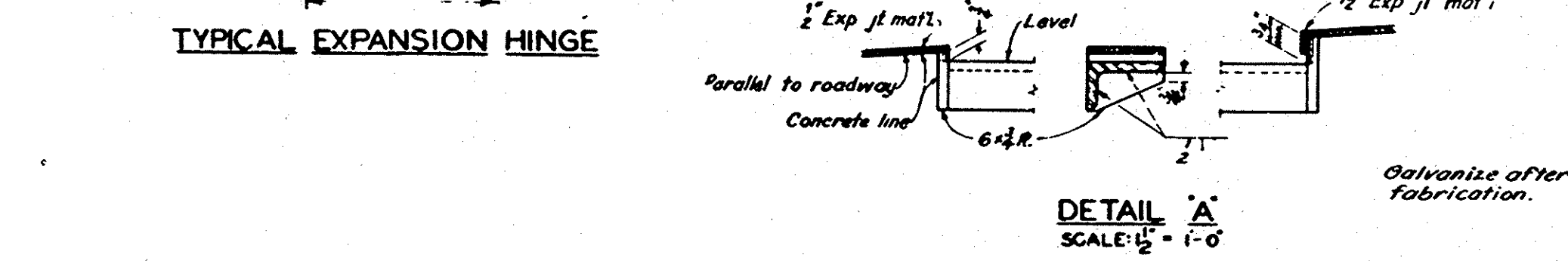
STREAM DATA: VELOCITY- APPROXIMATELY 16 F.P.S., FLOW DEPTH APPROXIMATELY 12 FEET. SMALL DRIFT.

CHANNEL BANK PROTECTION NOT TO BE COVERED IN THIS CONTRACT.

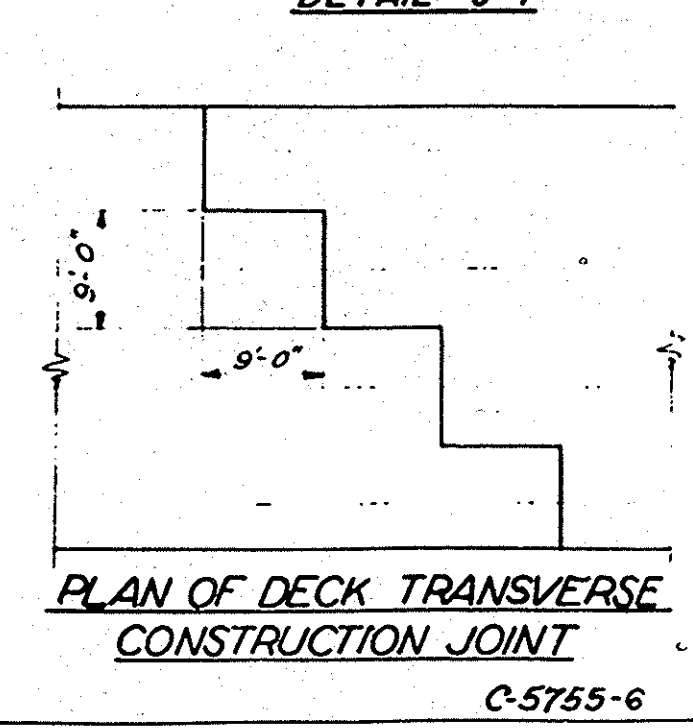
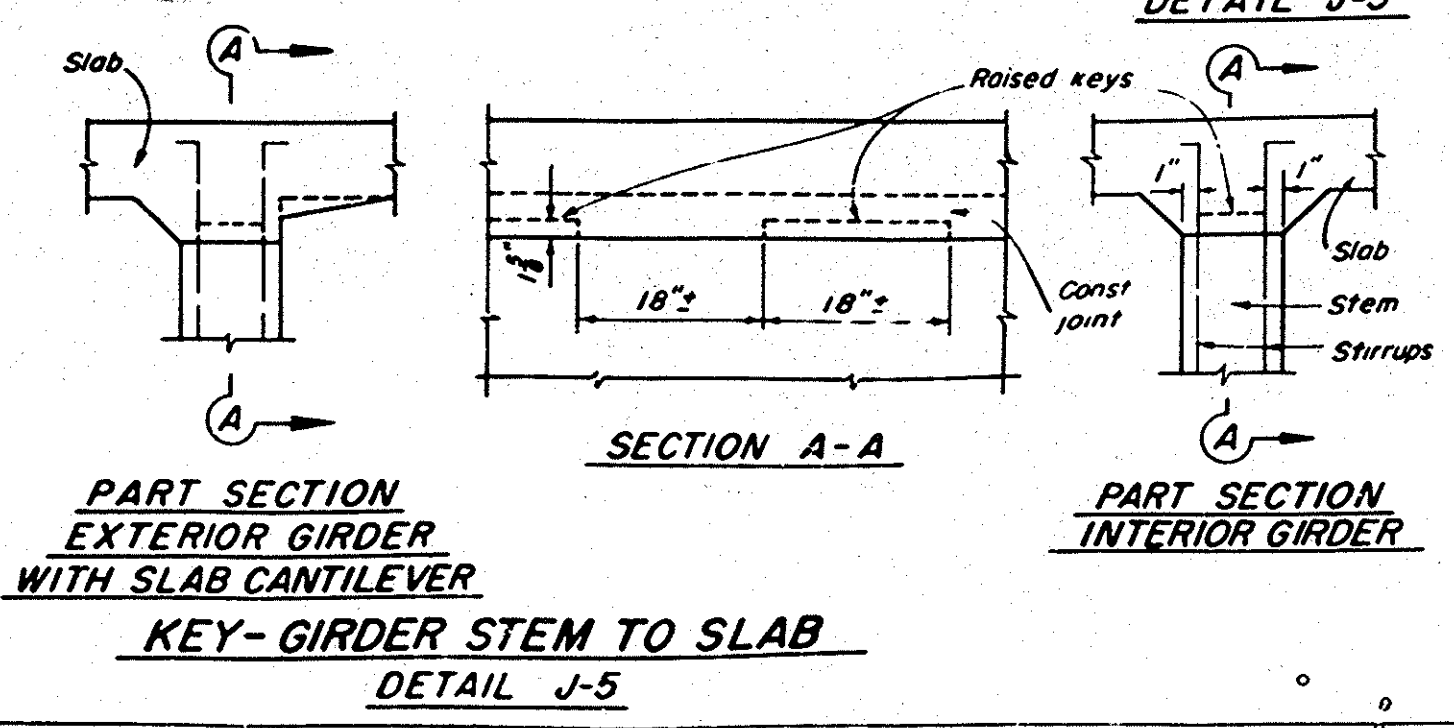
DETOURS: NO DETOURS REQUIRED.

BRIDGE ENGINEER 5585
APPROVED September 10, 1957
COUNTY ROAD COMMISSIONER
CIVIL ENGINEER NO. 7872

AS BUILT
CORRECTIONS BY
CONTRACT NO. 50-14DDC-28-P
NO CORRECTIONS THIS SHEET
J.C. Plantation



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.
Top slab concrete (3) shall be placed separately from (1) and (2). (3) may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between (1) and (2).
 $T = \frac{1}{2}$ span length
 $U = \frac{1}{4}$ span length
For any deviation from the above the contractor shall submit a diagram to the Engineer.



COUNTY OF ORANGE HIGHWAY DEPT.		
MISCELLANEOUS DETAILS		
HARBOR BLVD. BRIDGE ACROSS SANTA ANA RIVER		
BRIDGE NO. S.A. 28-A		
MICROFILMED		
1-11-3-11-1958		
SCALE AS SHOWN	MAY 1957	SHEET 8 OF 13 SHEETS

C-5755-6

SA-28-A