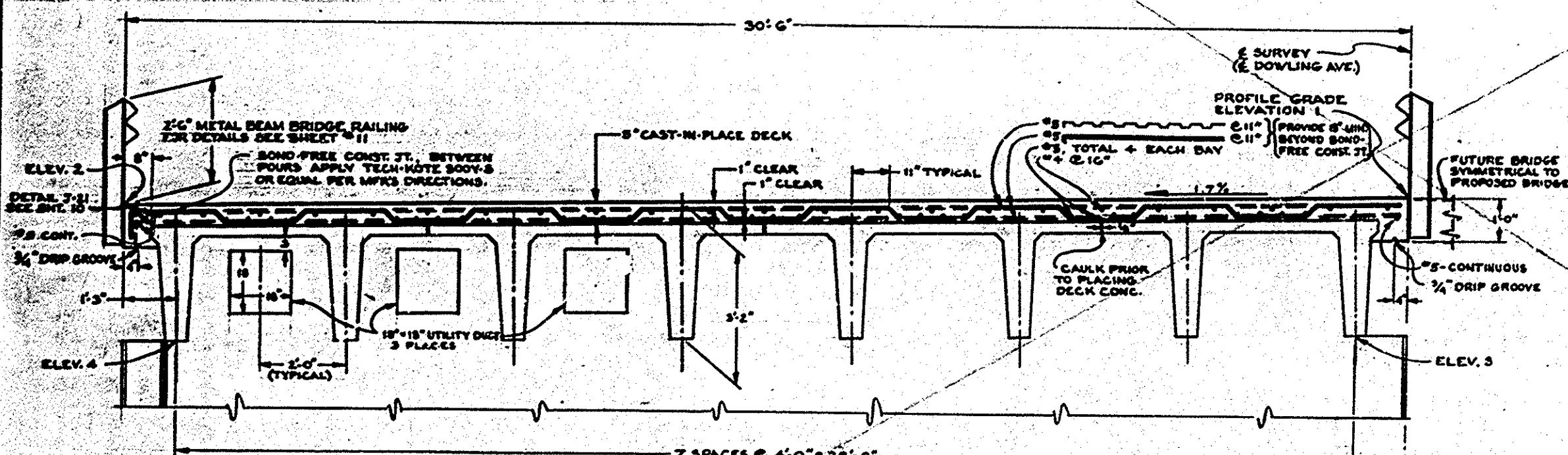
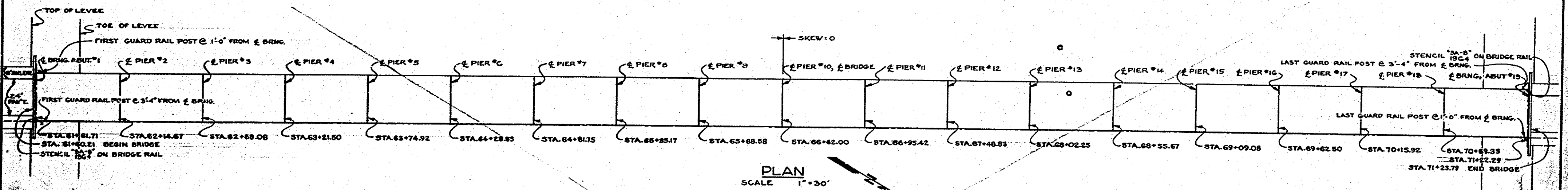


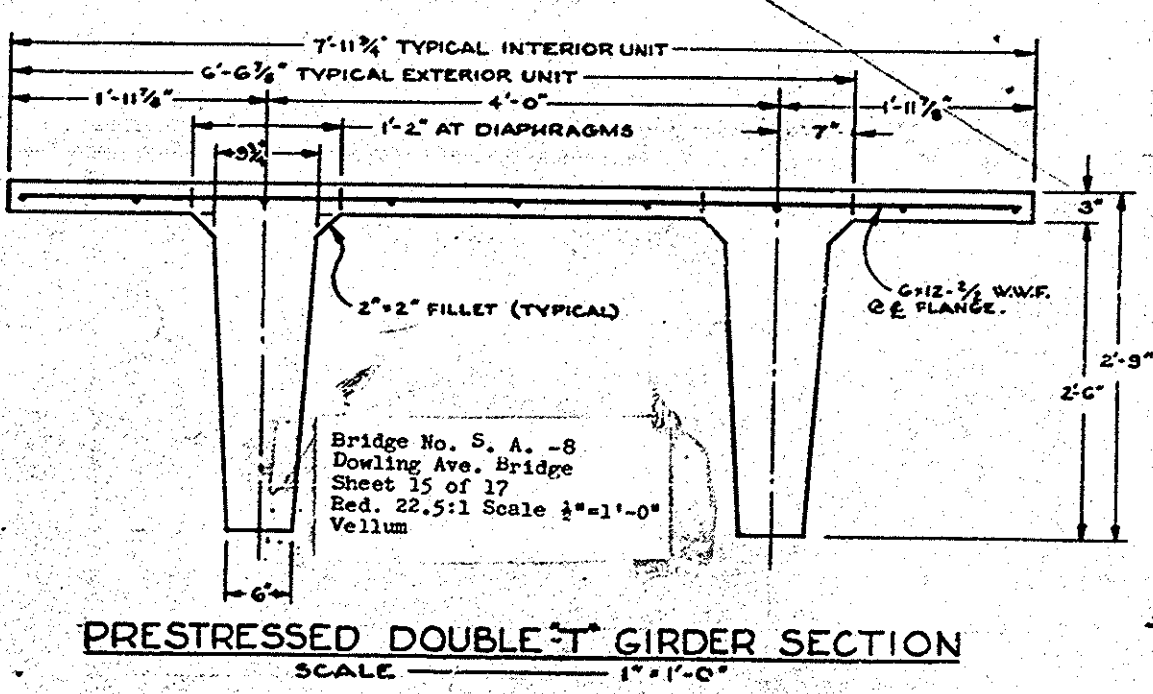
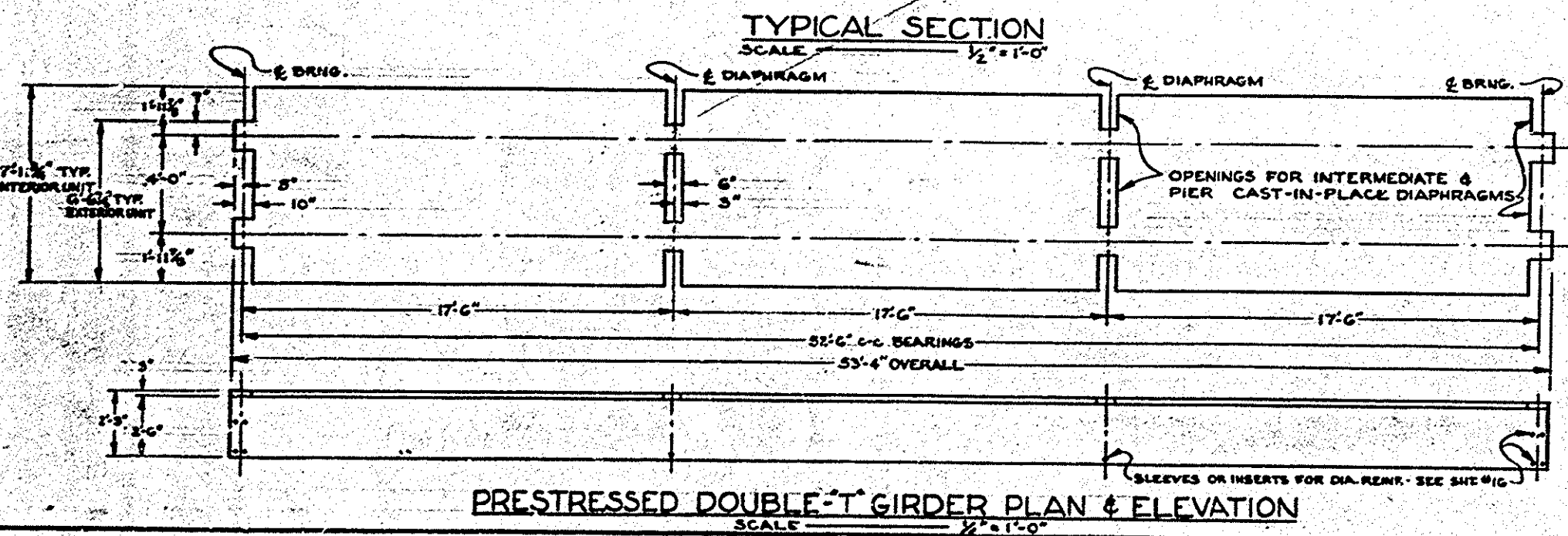
PROFILE GRADE
SEE SHEET #2 - "GENERAL PLAN" - CAST-IN-PLACE T-BEAM ALTERNATE.



- NOTES:
1. LIVE LOAD: H20 S16-44
 2. PER DOUBLE "T" GIRDER: (INTERIOR AND EXTERIOR) DLM: GIRDER + 5" DECK (172.3 FT-K) + DIAPHRAGMS (43.9 FT-K), + 2" AC SURF (FUTURE) (66.2 FT-K)
 3. PRESTRESSED GIRDERS MAY BE DESIGNED FOR PRE-TENSIONED OR POST-TENSIONED CONSTRUCTION; WITH COMPOSITE ACTION BETWEEN DECK & GIRDERS TO SUPPORT THE LIVE LOAD AND A.C. SURF, PROVIDED SUFFICIENT SHEAR CONNECTION IS DEVELOPED.
 4. INSERTS FOR HANGING UTILITIES SHALL BE CAST INTO THE FLANGES OF THE GIRDERS AT THE DIRECTION OF THE UTILITY COMPANY. INSERTS WILL BE SUPPLIED BY THE UTILITY.

TABLE OF ELEVATIONS
AMOUNT OF CAMBER FOR CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER IN FIELD.

	ELEV. 1	2	3	4
ABUT. 1	232.18	231.66	228.99	228.81
ABUT. 10				
PIER 1				
MS-1				
PIER 2				
MS-2				
PIER 3				
MS-3				
PIER 4				
MS-4				
PIER 5				
MS-5				
PIER 6				
MS-6				
PIER 7				
MS-7				
PIER 8				
MS-8				
PIER 9				
MS-9				
PIER 10				



BENCH MARK:
O.C.S. B.M. TAG "RE 7872" O.G. MILE E. SANTA ANA RIVER BRIDGE
28' S. E. LINCOLN IN N.W. COR. CONC. CURB AROUND A YARD 30' W.
RD. #104800 E
IK-11-57
ELEV. 213.200

MICROFILMED
DEC 28 1984

ORANGE COUNTY HIGHWAY DEPARTMENT

DOWLING AVENUE BRIDGE
ACROSS
SANTA ANA RIVER

PRESTRESSED ALTERNATE
GENERAL PLAN & DETAILS

SCALE AS NOTED

SHEET 15 OF 17
SA-8