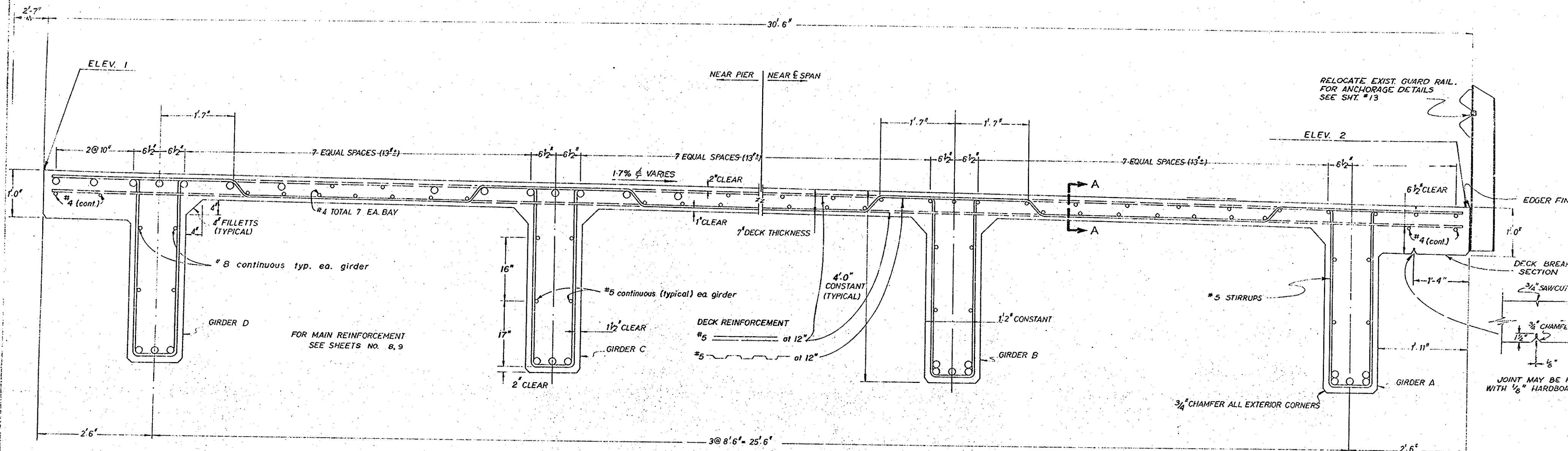


EXACT®

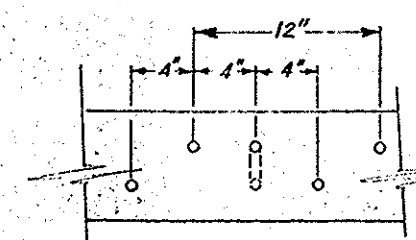
STRAIGHT EDGE RULE SE-48

2 SURVEY

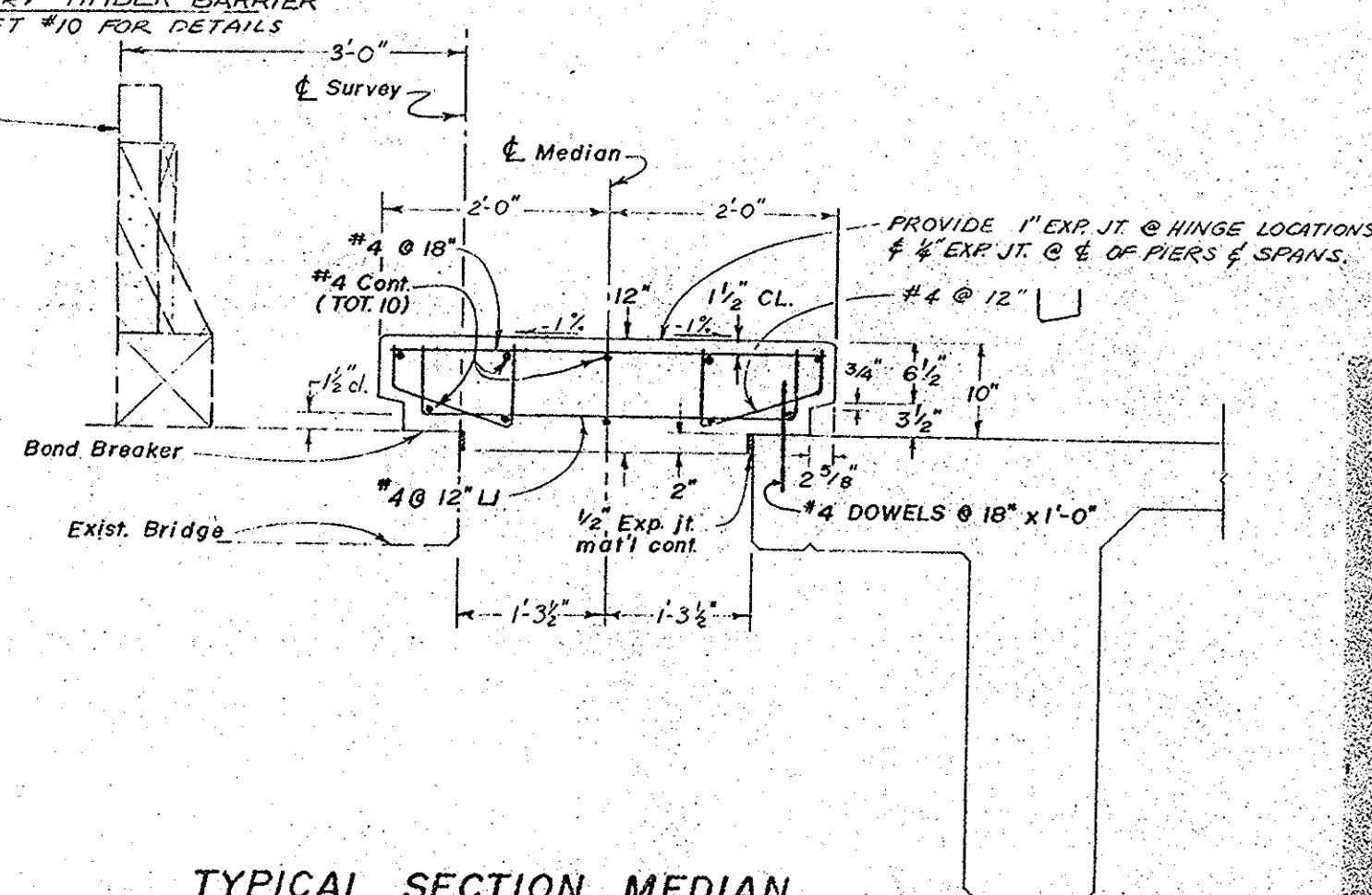


TYPICAL SECTION

Scale 1" = 1'-0"



TEMPORARY TIMBER BARRIER
SEE SHEET #10 FOR DETAILS



TYPICAL SECTION MEDIAN

Scale 1" = 1'-0"

TEE BEAM SUPERSTRUCTURE PLACING DIAGRAM

Numbers (2) and (3) indicate sequence of placing girder stem concrete. (3) may be placed simultaneously with (2) when approved by the Engineer, and provided that the (2) sections are placed in both adjoining spans.

Top slab concrete (4) shall be placed separately from (2) and (3). (4) may be placed continuously or in parts as approved by the Engineer.

$T = 1/3$ span length

$U = 1/4$ span length

For any deviation from the above the contractor shall submit a diagram to the Engineer.

GENERAL NOTES

SPECIFICATIONS

DESIGN: A.A.S.H.O. DATED 1965 WITH REVISIONS AND AS SUPPLEMENTED BY BRIDGE PLANNING AND DESIGN MANUAL, CALIF. BRIDGE DEPARTMENT.

CONSTRUCTION: STANDARD SPECIFICATIONS, DIVISION OF HIGHWAYS, DATED JAN. 1969 AS ADOPTED BY THE ORANGE COUNTY HIGHWAY DEPARTMENT AND THE SPECIAL PROVISIONS

LIVE LOADING: H 20 - S16-44

UNIT STRESSES

REINFORCED CONCRETE:

$f'_c = 24,000$ p.s.i. $f'_c = 15,000$ p.s.i.

$f_y = 10$

$f_y = 1300$ p.s.i. (EXCEPT AS NOTED)

$f_y = 3250$ p.s.i. $f_y = 90$ p.s.i.

STRUCTURAL STEEL:

$f_y = 18,000$ p.s.i.

PILE LOADING: 45 TONS TYPE: STEEL 10 BP 42

CONCRETE: CLASS "A" USING TYPE II PORTLAND CEMENT.

AS BUILT

GLASSSELL ST. BRIDGE
ACROSS
SANTA ANA RIVER

TYPICAL SECTION

1" = 1'-0"

DP 7-10