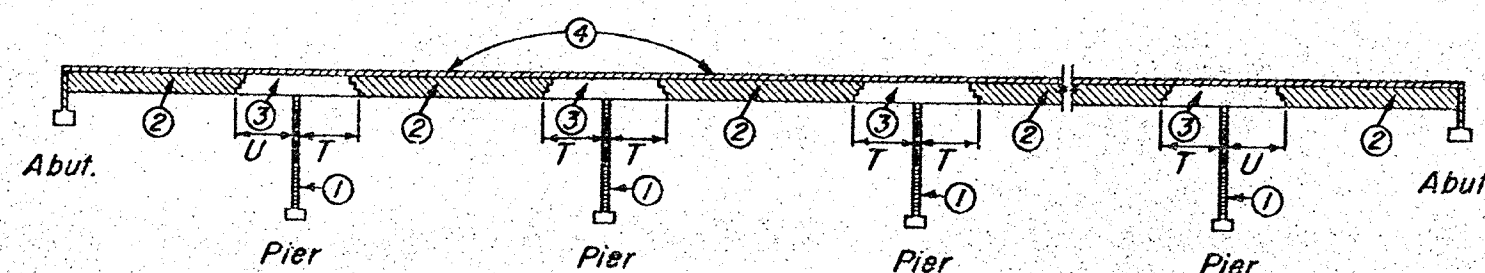
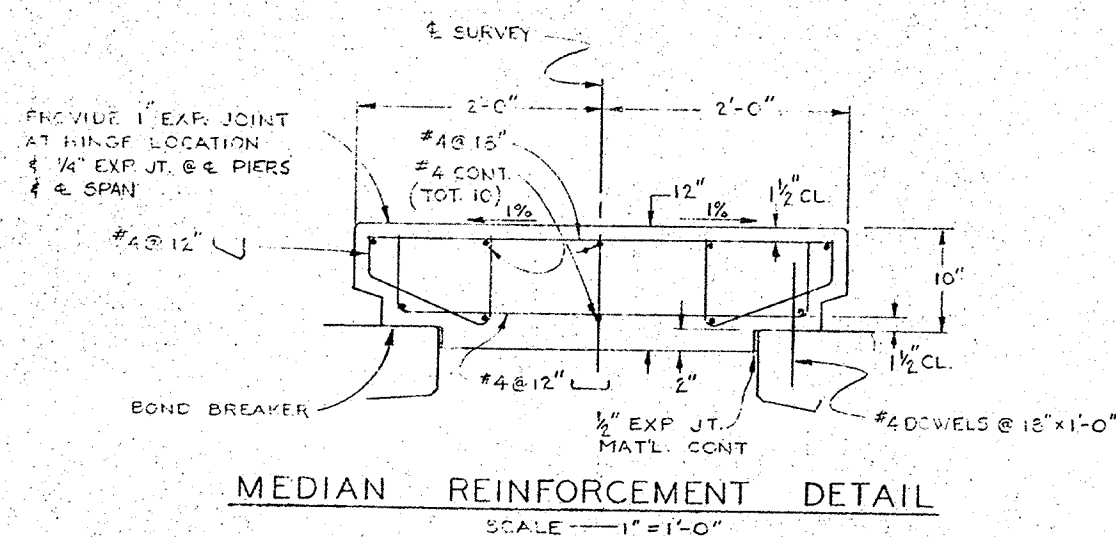
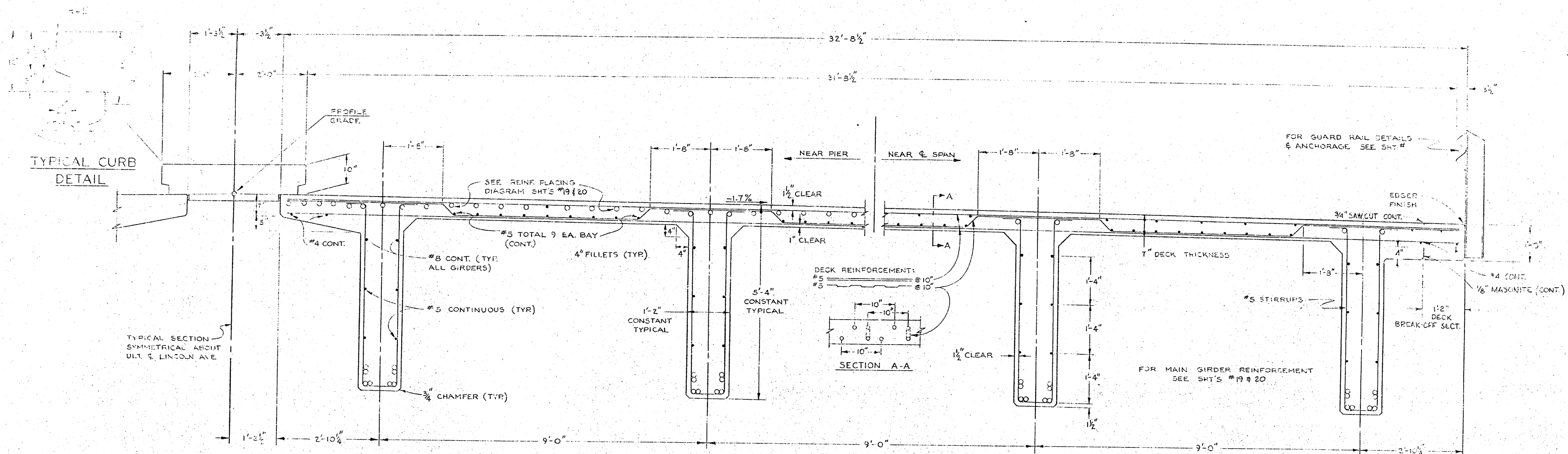


EXACT®

EXACT LEVEL & TOOL MFG. CO., Inc. HIGH BRIDGE, N. J., U. S. A.

STRAIGHT EDGE RULE SE-48



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.

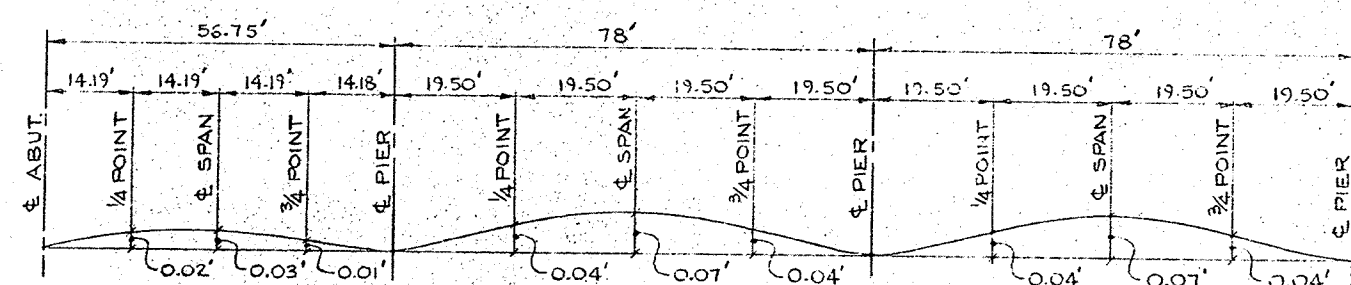
$T = 1/5$ span length

$U = 1/4$ span length

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

TYPICAL HALF SECTION

SCALE $\frac{3}{4}'' = 1'-0''$



DEAD LOAD CAMBER DIAGRAM

NOTE: THE TOTAL DEFLECTION WILL BE REACHED ABOUT FOUR YEARS AFTER FALSEWORK REMOVAL. FOR VALUES AT TIME OF FALSEWORK REMOVAL, DIVIDE THOSE SHOWN BY FOUR. THE AMOUNT OF CAMBER FOR CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER.

GENERAL NOTES

SPECIFICATIONS:

Design: A.A.S.H.O. dated 1965 with subsequent revisions, and Calif. Division of Highways Bridge Planning and Design manual.

Construction: Standard Specifications, Division of Highways, Calif. dated Jan 1969 and the special provisions.

LIVE LOADING: HS20-44 and Alternate

UNIT STRESSES:

Reinforcing Steel: f_t tension = 24,000 p.s.i.

Concrete: $f'_c = 3250$ p.s.i. @ 28 days

$f'_c = 1,300$ p.s.i.

$n = 10$

$v_c = 90$ p.s.i.

PILE LOADING: 45 Tons (PIERS #2-6 & Abut #7), 60 Tons (Abut #1). Type: 10BP-11

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 spliced they shall have a 20 diameters lap unless otherwise noted.

CONCRETE: Class "A" using type II portland cement.

LINCOLN AVENUE BRIDGE
Plan # 10325
Sheet 21 of 25
Red: 22:5:1
Scale: As Shown
Sept

CRANES COUNTY FIELD DEPARTMENT	
LINCOLN AVENUE BRIDGE SA-10 OVER SANTA ANA RIVER	
TYPICAL SECTION	
AS NOTED	DATE: 2-1-69