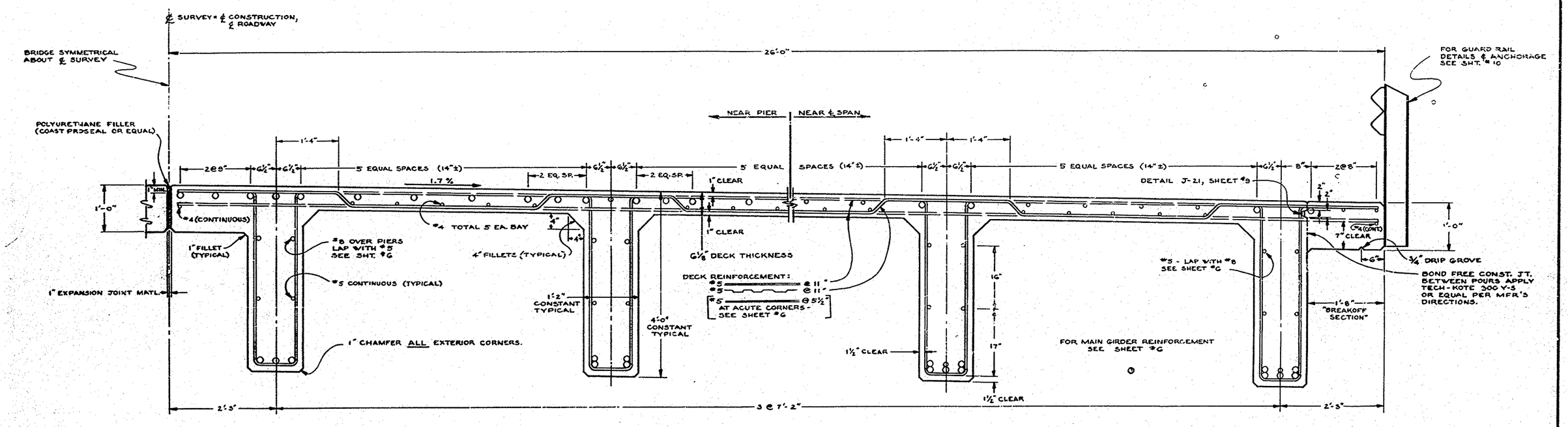
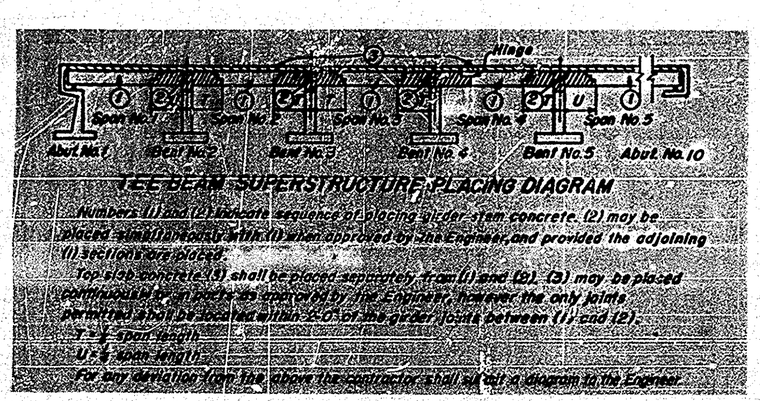


TYPICAL SECTION
SCALE 1"=1'-0"



TEE BEAM SUPERSTRUCTURE PLACING DIAGRAM

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 the adjoining (1) sections are placed.

Top slab concrete (3) shall be placed separately from (1) and (2). (3) may be placed continuously in parts as approved by the Engineer, however the only joints permitted shall be located within 1'-0" of the girder joints between (1) and (2).

T = ½ span length

U = ½ 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 1957 with revisions and as supplemented by Bridge Planning and Design Manual, California Bridge Department.
Construction: Standard Specifications, Division of Highways, dated Jan. 1960 as adopted by the Orange County Highway Department, 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.)

Structural Steel:
f_s = 18,000 p.s.i.

~~Footing Pressure: 10 tons p.s.f.~~

Pile Loading: 45 tons. Type: Reinforced concrete

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

Bridge No. SA 21
Fairview St. Bridge
Sheet 7 of 13
Red. 22.5:1 Scale 1"=0"
Vellum

MICROFILMED
DEC 2 8 1984

ORANGE COUNTY HIGHWAY DEPARTMENT

FAIRVIEW STREET BRIDGE
ACROSS
SANTA ANA RIVER

TYPICAL SECTION

SCALE AS SHOWN | SHEET 7 OF 13

SA - 21