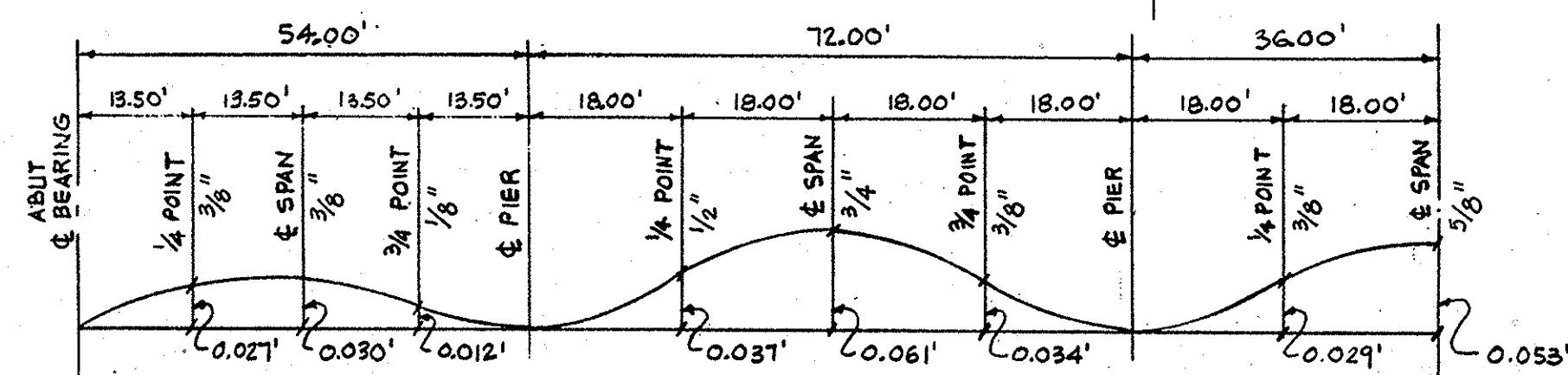
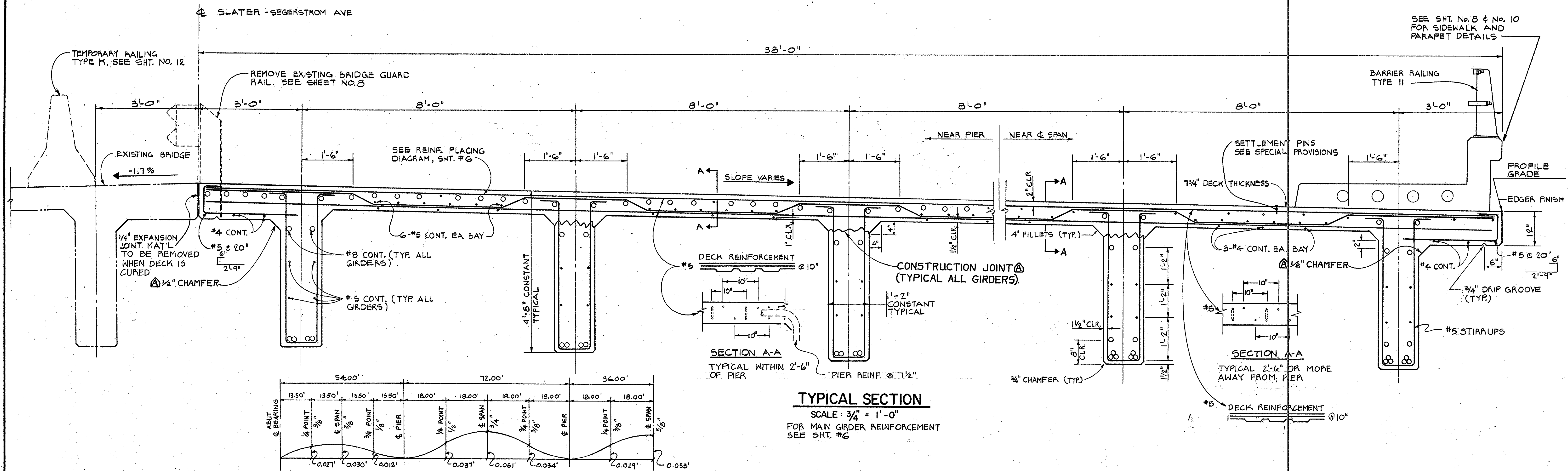
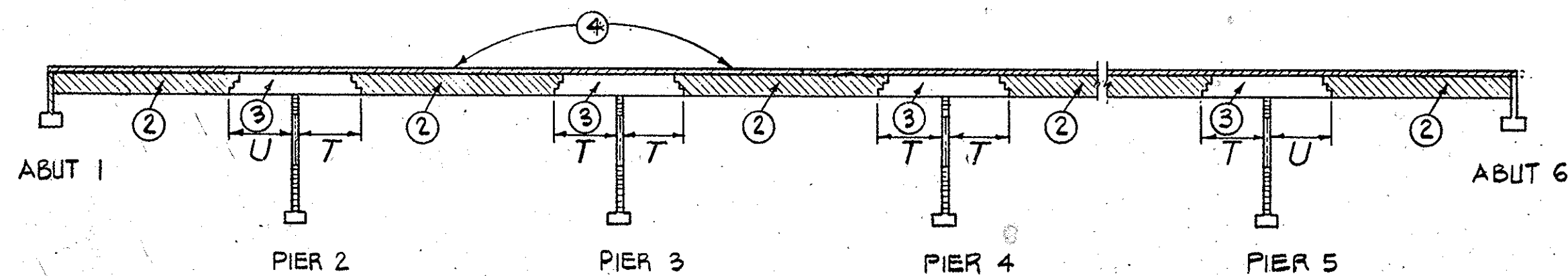




DEAD LOAD CAMBER DIAGRAM

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.



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 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 CONTRACTOR SHALL SUBMIT A DIAGRAM TO THE ENGINEER.

GENERAL NOTES

SPECIFICATIONS:

DESIGN : A.A.S.H.T.O. DATED 1977 WITH SUBSEQUENT REVISIONS, AND CALIF. DIVISION OF HIGHWAY BRIDGE DESIGN SPECIFICATIONS.

CONSTRUCTION : STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION DATED 1979 AND THE SPECIAL PROVISIONS.

LIVE LOADING :

HS20-44 AND ALTERNATIVE

UNIT STRESSES

REINFORCING STEEL : F_s TENSION = 24,000 P.S.I. ; 20,000 P.S.I. IN SLAB AND WEB REINFORCEMENT.

CONCRETE : F_c = 1,300 P.S.I. , F'_c = 3,250 P.S.I. @ 28 DAYS.

N = 10

V_c = 90 P.S.I.

PILE LOADING :

70 TONS, TYPE: CLASS 70

CONCRETE :

CLASS 658-C-3250 TYPE II PORTLAND CEMENT.

AS BUILT



WHEELER & GRAY
CONSULTING ENGINEERS

Signature

S.E. #918

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
SLATER-SEGERSTROM BRIDGE
(SA-31A) WIDENING OVER
SANTA ANA RIVER (EOI)

TYPICAL SECTION

DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	DATE
7-83	AS BUILT	<i>Signature</i>	7-83
DESIGNED W.F.POND	SCALE	DATE	DWG. NO.
DRAWN E.G.	CHECKED W.F.P.	AS SHOWN	7