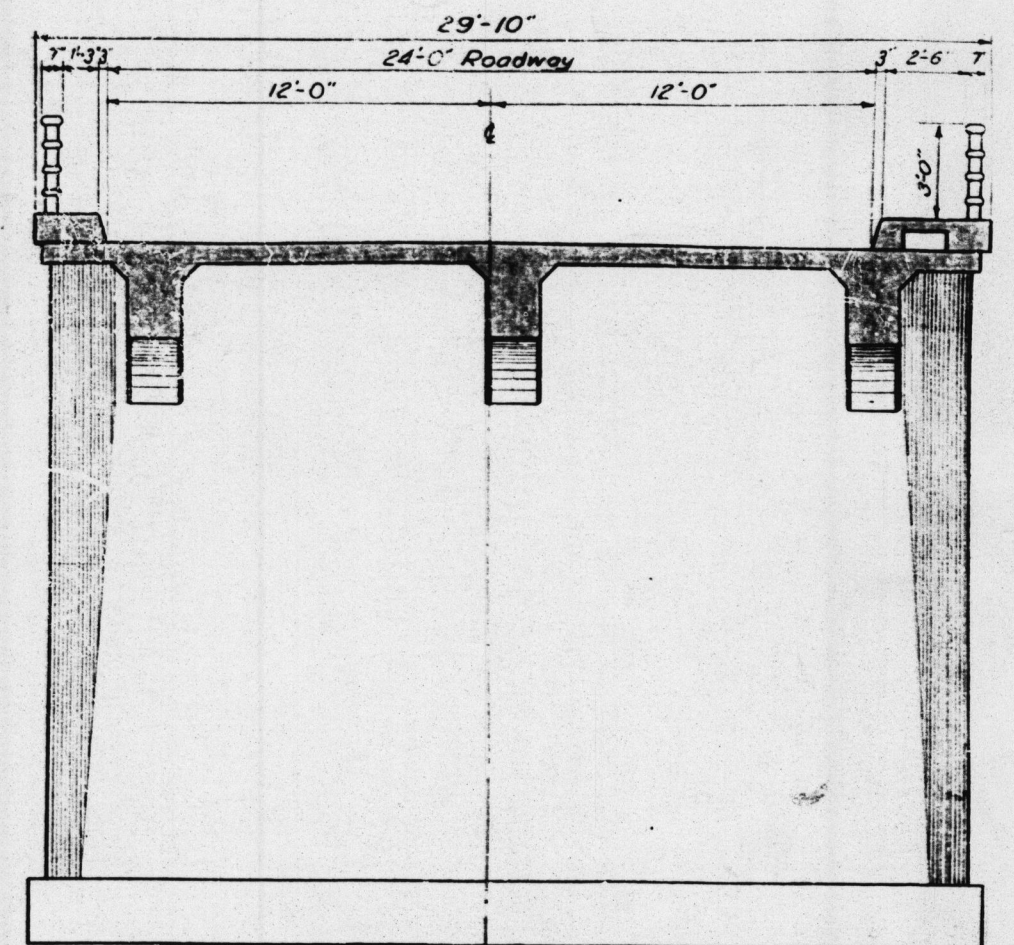
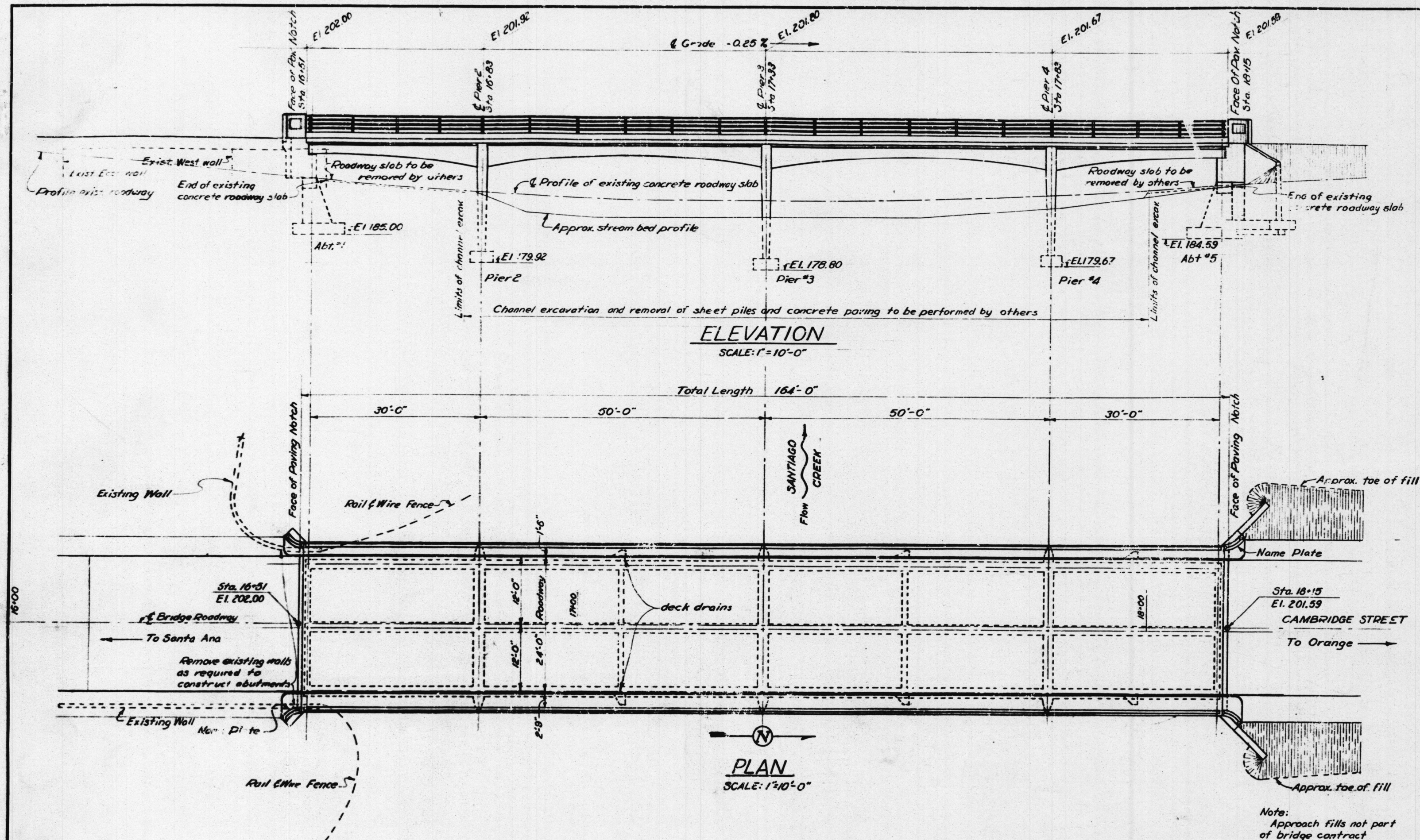


15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48



TYPICAL SECTION
SCALE: 1/2" = 1'-0"

GENERAL NOTES

Design Loading: American Association of State Highway Officials Specifications 1944 H13 loading

Working Stresses: $f_c = 1000 \text{ psi}$, $n = 10$, $f_s = 18000 \text{ psi}$

Earthquake: Seismic Force = 8% of dead load

Stress Combinations:
Dead Load + Live Load + Impact = 100% working stress
Dead Load + Live Load + Temp. = 125% working stress
Dead Load + Temp. + Earthquake = 133% working stress

Miscellaneous: All concrete shall be class "A", 6 sacks of cement per cubic yard. Chamfer all exposed edges 1" unless otherwise noted. Bar embedments shown are to center of bar except where "clear" distance to surface of concrete is indicated. Splice reinforcing bars a distance of 40 diameters unless otherwise specified.

Bridge #80-18
across Santiago Creek
on Cambridge Street
Sheet 1 of 5
Red: 11-15-46 Scale as shown
Vellum Pencil Sketch

MICROFILMED
JUL 1 1960

APPROVED *H. Sprenger*
H. SPRENGER
SUPERINTENDENT OF HIGHWAYS
DATE 12-2-46

INDEX OF DRAWINGS					ORANGE COUNTY - CALIFORNIA BRIDGE ACROSS SANTIAGO CREEK ON CAMBRIDGE STREET GENERAL PLAN				
DWG NO.	TITLE	REV.	DATE	REVISION	MADE BY	CHKD BY	APP. BY	DESIGNED BY	DRAWN BY
1	GENERAL PLAN								
2	ABUTMENTS 1&5								
3	PIERS 2, 3, & 4								
4	DECK DETAILS								
5	GIRDER DETAILS								

DESIGNED BY	DONALD R. WARREN CO.	ENGINEERS	LOS ANGELES	SAN FRANCISCO
DRAWN BY	Donald R. Warren	11-15-46	DATE	
CHECKED BY				

LA 46-18	JOB NO.	1
DRAWING NO.		

55C-0333 #14653 1946
(SC-18) CAMBRIDGE ST.
Thru: 799-H5 over Santiago Creek