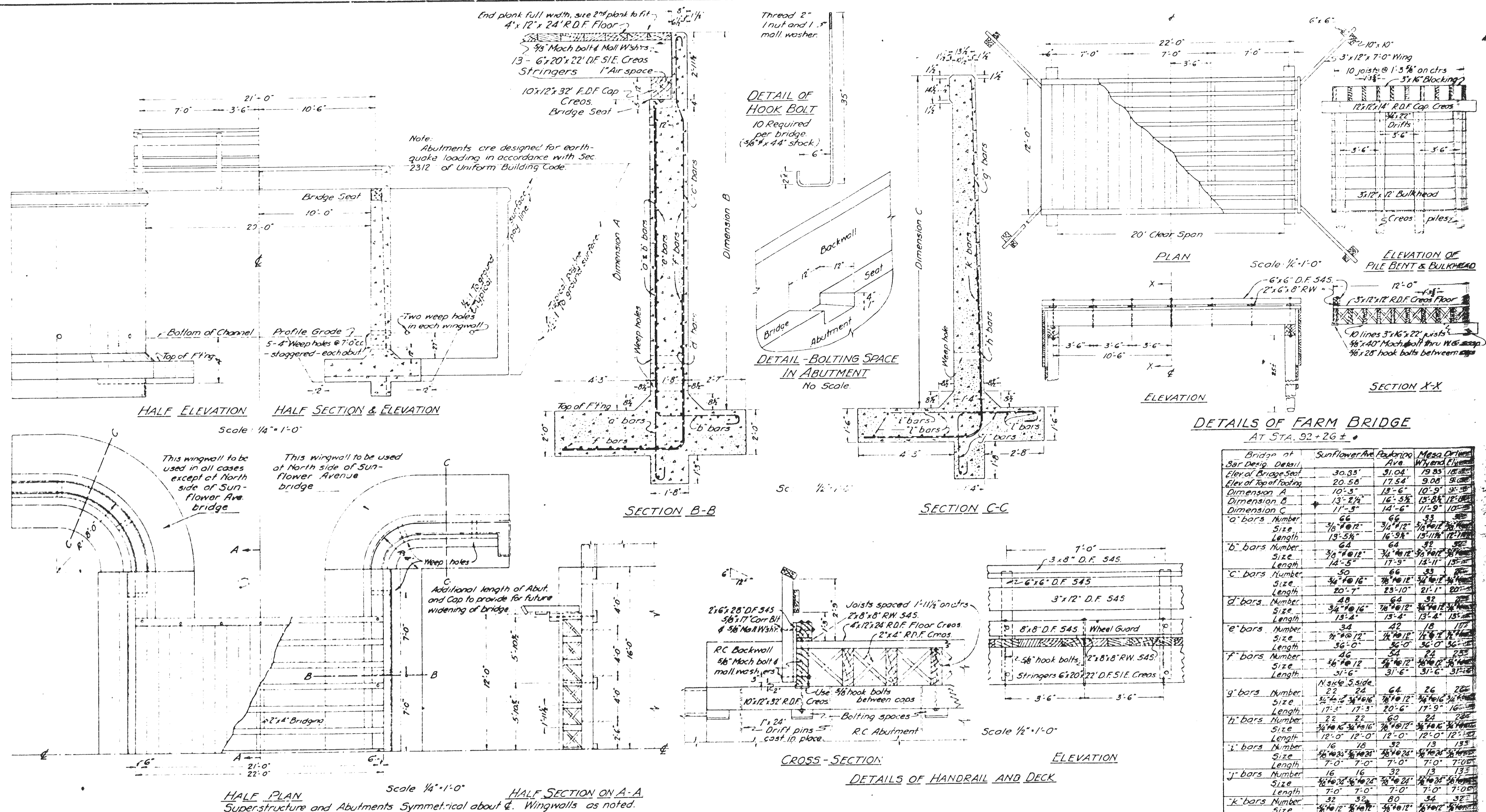




General Notes:
Reinforced concrete to conform with specifications furnished by Orange County Flood Control District.
All lumber, hardware, and structural details to conform with Orange County Road Department standards.

TYPICAL DETAILS OF HIGHWAY BRIDGES

Pay lines for excavation of structures shall extend horizontally at the elevation of the bottom of the structure a distance of one foot from the outer limit of the structure and thence upward at a slope of 1/2 to 1 (6" horizontal to 12" vertical) to the original ground surface.

Bridge at	Sunflower Ave	Palmdale	Mesa Drive
Bar Design Detail			
Elev. of Bridge Seat	30.33	31.04	19.85
Elev. of Top of Footing	20.58	17.54	3.08
Dimension A	10'-3"	12'-6"	10'-9"
Dimension B	13'-2 1/2"	16'-5 1/2"	15'-8 1/2"
Dimension C	11'-5"	14'-6"	11'-9"
a' bars Number	66	66	33
Size	3/8" #12	3/4" #12	3/8" #12
Length	19'-5 1/2"	16'-5 1/2"	15'-11 1/2"
b' bars Number	64	64	32
Size	3/8" #12	3/4" #12	3/8" #12
Length	14'-5"	17'-9"	15'-11"
c' bars Number	50	66	33
Size	3/4" #16	3/8" #12	3/8" #12
Length	20'-7"	23'-10"	21'-1"
d' bars Number	48	64	32
Size	3/4" #16	3/8" #12	3/8" #12
Length	13'-4"	15'-4"	13'-4"
e' bars Number	34	42	18
Size	3/8" #12	3/8" #12	3/8" #12
Length	36'-0"	36'-0"	36'-0"
f' bars Number	46	46	23
Size	3/8" #12	3/8" #12	3/8" #12
Length	31'-6"	31'-6"	31'-6"
g' bars Number	N/A	64	26
Size	N/A	3/8" #12	3/8" #12
Length	N/A	20'-6"	17'-9"
h' bars Number	22	22	22
Size	3/8" #12	3/8" #12	3/8" #12
Length	12'-0"	12'-0"	12'-0"
i' bars Number	16	13	13
Size	3/8" #12	3/8" #12	3/8" #12
Length	7'-0"	7'-0"	7'-0"
j' bars Number	16	13	13
Size	3/8" #12	3/8" #12	3/8" #12
Length	7'-0"	7'-0"	7'-0"
k' bars Number	32	32	32
Size	3/8" #12	3/8" #12	3/8" #12
Length	14'-10"	14'-10"	14'-10"
l' bars Number	18	18	18
Size	3/8" #12	3/8" #12	3/8" #12
Length	8'-10"	8'-10"	8'-10"
l' bars Number	18	18	18
Size	3/8" #12	3/8" #12	3/8" #12
Length	8'-10"	8'-10"	8'-10"

MICROFILMED
JUL 6 1960

DE-2, DE-5 & DE-16
Santa Ana-Delhi Drainage Channel
Sheet 2 of 2
Red. 22.5: 1 Scale 1"-10"
Blue-line print

ORANGE COUNTY FLOOD CONTROL DISTRICT
ORANGE COUNTY, CALIFORNIA
SANTA ANA-DELHI DRAINAGE CHANNEL
TYPICAL BRIDGE DETAILS
DRAWING NO. F-58-11
REVISED DEC. 1942
SHEET 2 OF 2 SHEETS