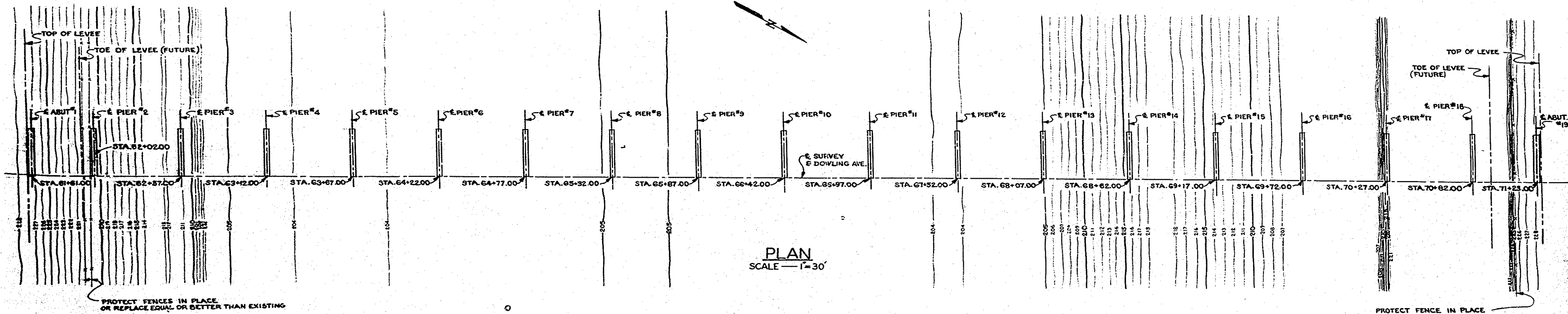
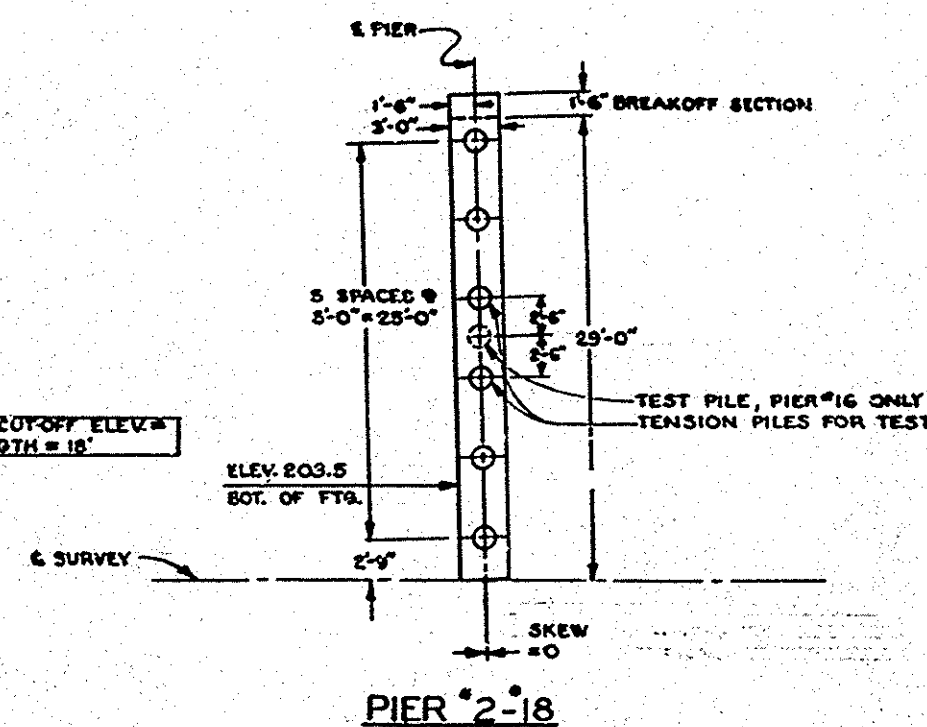




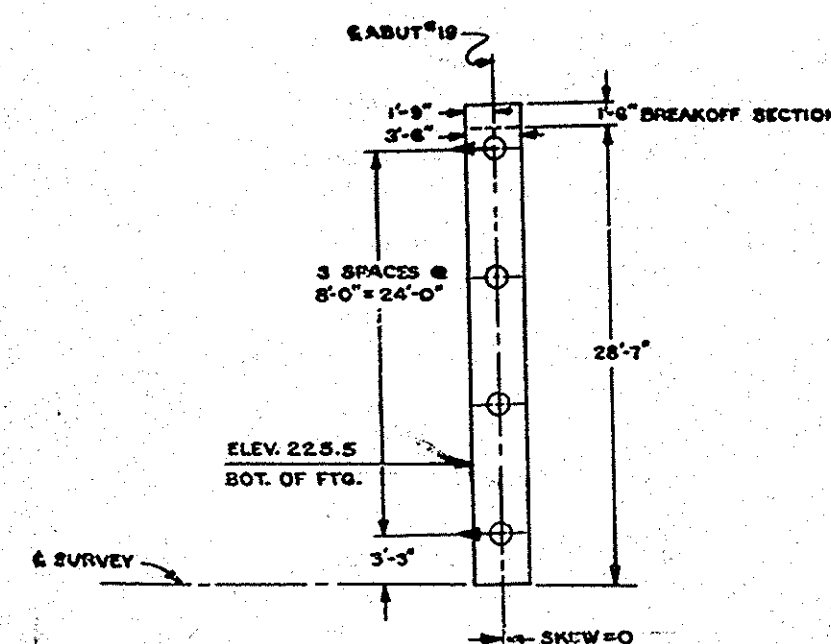
PLAN
SCALE — 1"=30'

FOOTING	BOT. FTG. ELEV.	PILE TIP ELEV.	CUTOFF ELEV.	MIN. PILE LENGTH
ABUT. #1	225.50	196.75	225.75	VERT. 29' BATTER 30'
PIER #2	200.50	191.75	203.75	12'
#3	197.50	187.75	199.75	
#4				
#5				
#6				
#7				
#8				
#9				
#10				
#11				
#12				
#13				
#14				
#15				
#16				
#17				
ABUT. #19	225.50	202.75	225.75	VERT. 23' BATTER 22.5'

TEST PILE GROUP CUTOFF ELEV. = 200.50, MIN. LENGTH = 18' 205.75



PIER #2-18



ABUTMENT #19

ABUT. #19 OPP. HAND

⊕ SIGNIFIES BATTER 1:4 (TOWARD CHANNEL)

PILE LAYOUT
SCALE — 1"=1'-0"

NOTES:

- PILE BEARING VALUE: 45 TONS
- PILE SHALL PENETRATE TO PILE TIP ELEVATION SPECIFIED.
- PILE TEST GROUP TO BE LOCATED IN PIER #16, SEE SPECIAL PROVISIONS & SHEET #14
- FOR BENCH MARK SEE SHEET #2
- CONTOURS BASED ON SURVEY DATED APRIL 1963

Bridge NO. SA-8
Dowling Ave. Bridge
Sheet 3 of 17
Red. 22.5:1 Scale As Shown
Vellum

AS BUILT

MICROFILMED
DEC 28 1964

ORANGE COUNTY HIGHWAY DEPARTMENT	
DOWLING AVENUE BRIDGE ACROSS SANTA ANA RIVER	
FOUNDATION PLAN	
SCALE AS NOTED	SHEET 3 OF 17

SA-8