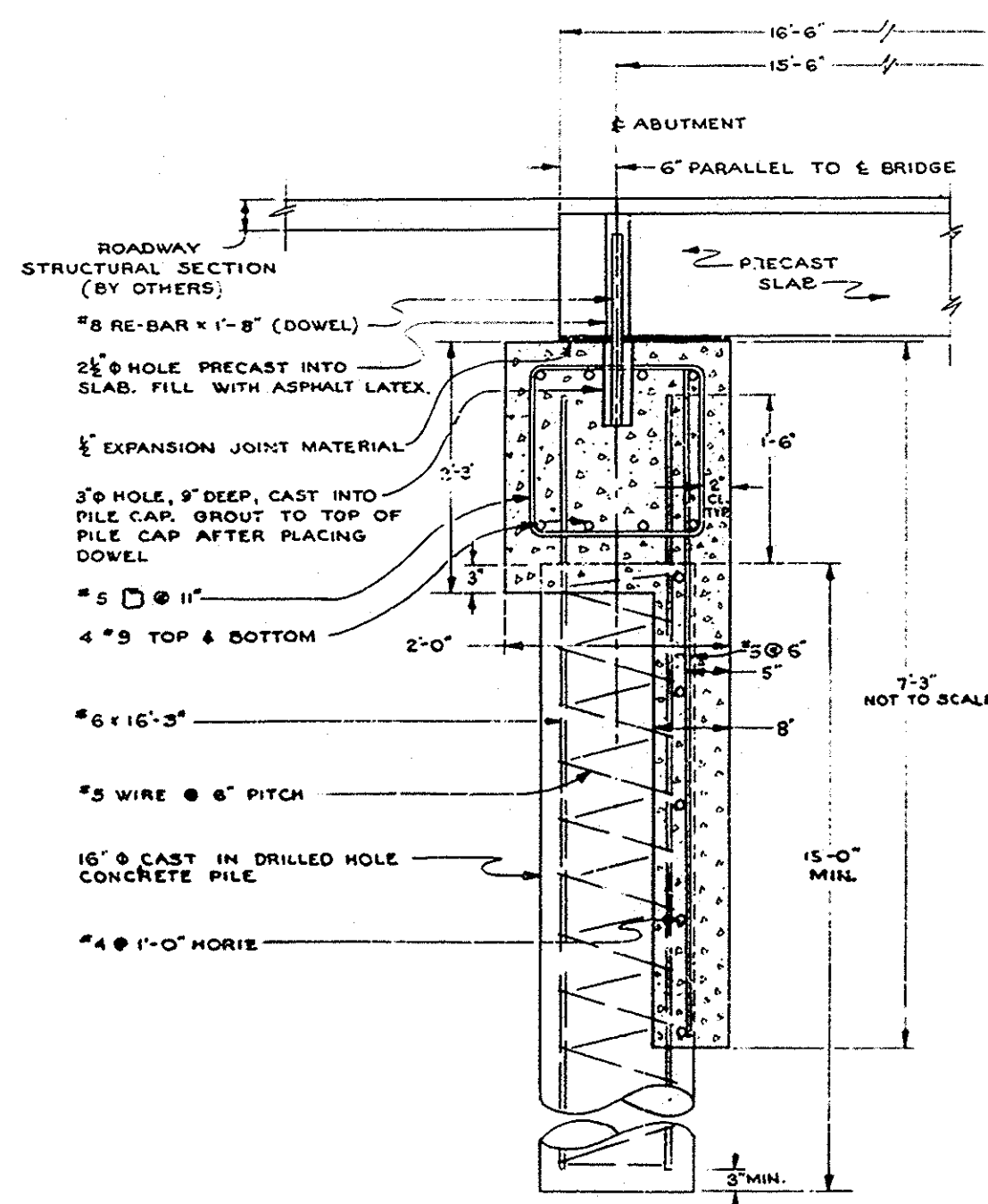
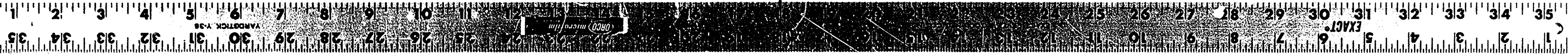
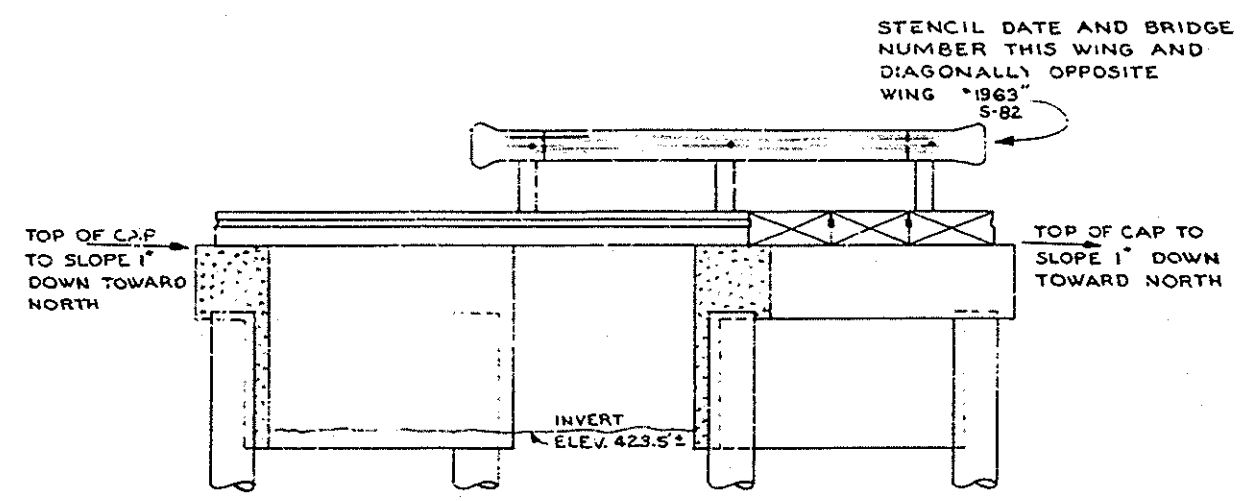
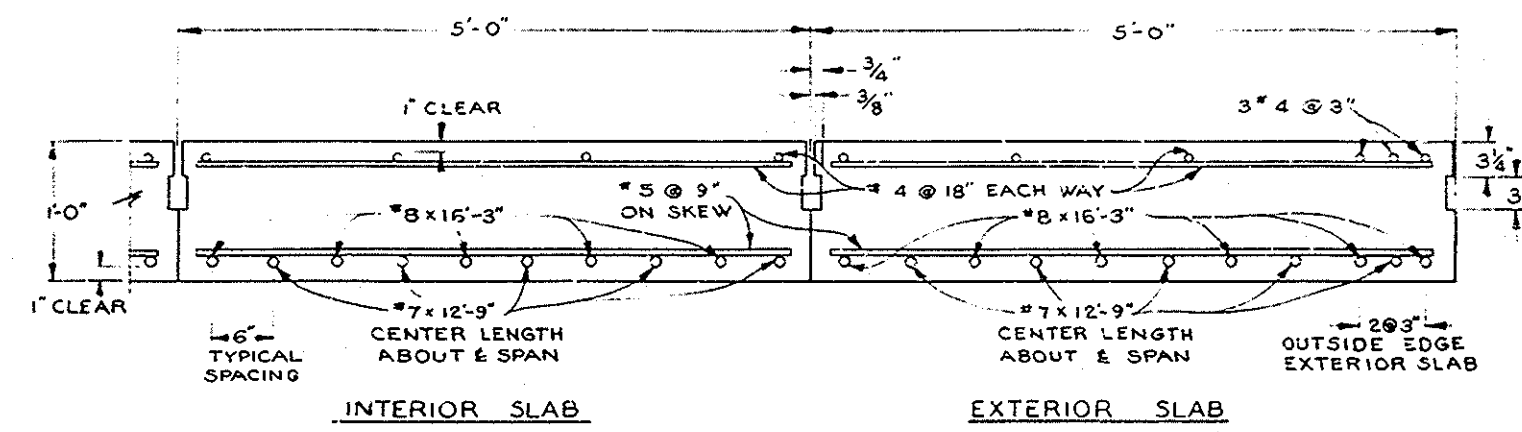




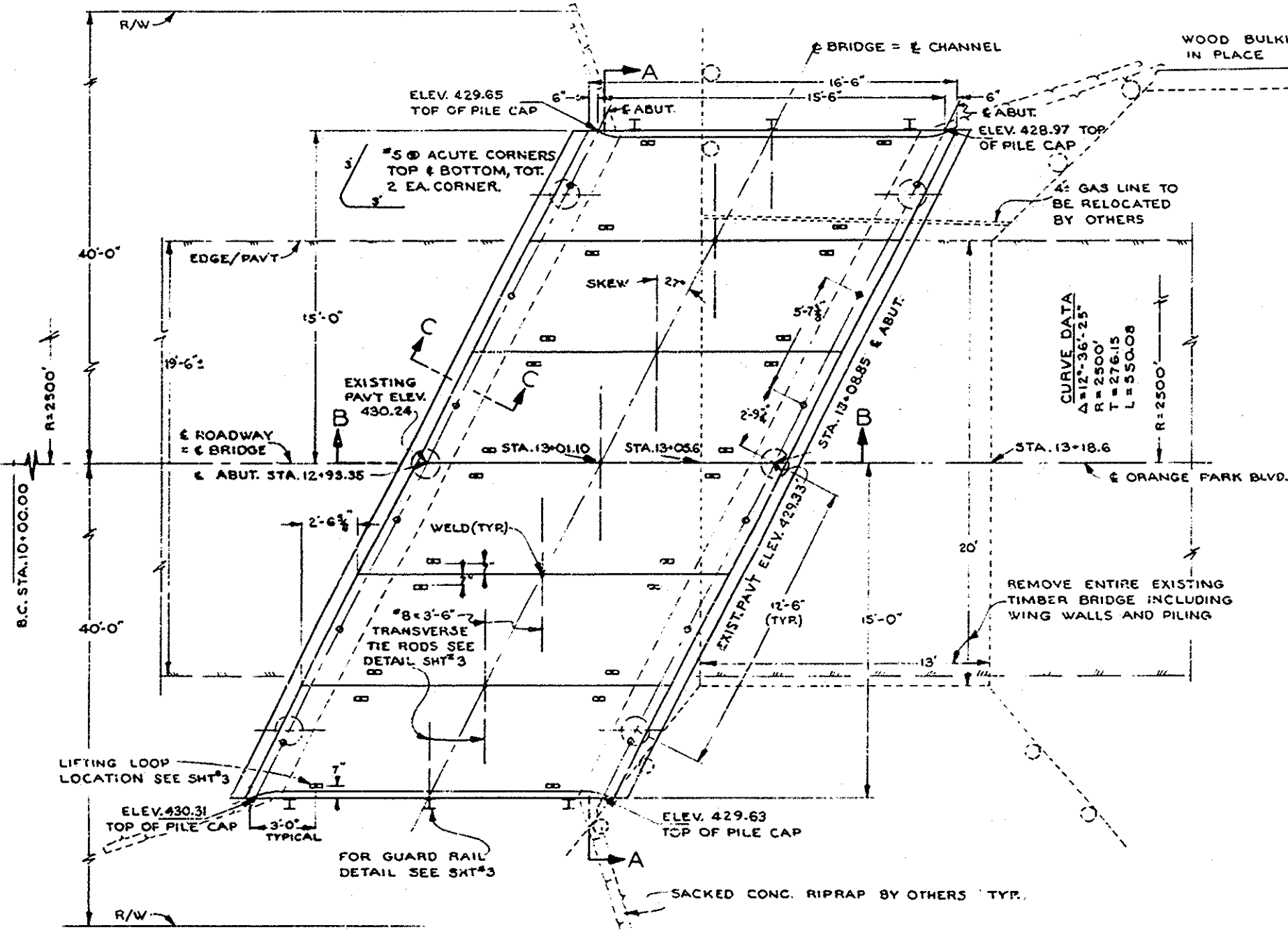
SECTION C-C
ABUTMENT AND
PILE DETAILS
SCALE — 1" = 1'-0"



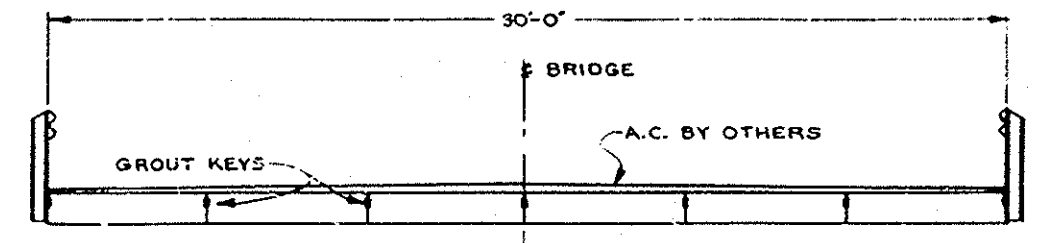
SECTION B-B
SCALE — 1/2" = 1'-0"



SLAB DETAILS
SCALE — 1" = 1'-0"
WT./ONE UNIT = 12.375



PLAN
SCALE — 1/2" = 1'-0"



SECTION A-A
SCALE — 1/2" = 1'-0"

- GENERAL NOTES: (ALL BRIDGES)**
- SPECIFICATIONS: STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA, DEPT. OF PUBLIC WORKS, DIV. OF HIGHWAYS, DATED JAN. 1960 AS ADOPTED BY THE ORANGE COUNTY HIGHWAY DEPARTMENT, AND THE SPECIAL PROVISIONS.
- DESIGN LL: H20-S16-44, 32' AXLE (H15, 24' AXLE FOR SV-15)
- PILE BEARING: 32 TONS
- UNIT STRESSES: $f'_c = 3,000$ $n = 10$ $E = 1,200$ $f_s = 20,000$
1. REMOVE EXISTING BRIDGES & OTHER FACILITIES AS NOTED ON SITE PLANS.
 2. AFTER PLACING PRE-CAST SLABS, PLACE END ANCHOR DOWELS & WELD TRANSVERSE TIES.
 3. FILL LONGITUDINAL JOINTS BETWEEN UNITS BY RAMMING INTO PLACE A VERY DRY MIXTURE OF MORTAR CONSISTING OF ONE PART PORTLAND CEMENT TO NOT MORE THAN 3 PARTS FINE AGGREGATE. THE JOINT SHALL THEN BE COVERED WITH WET BURLAP AND KEPT WET FOR 3 DAYS.
 4. NO EQUIPMENT OR OTHER LOAD SHALL BE ALLOWED ON THE SPAN WHILE THE GROUT BETWEEN THE DECK UNITS HAS BEEN IN PLACE LESS THAN 72 HOURS.
 5. RECONSTRUCTION OF ROADWAYS & A.C. ON DECK TO BE BY OTHERS.

AS BUILT

BENCH MARK:
OCS BM TAG ABOUT 1.0 MILE W. OF INT. OF CHAPMAN AVE. & SANTIAGO CANYON RD. AT THE INT. OF ORANGE BLVD., 130' N. 9/2 CHAPMAN, 22' W. OF ORANGE PARK BLVD. 53' W. RR#472197E, IN S. SIDE OF CONC. DRIVE TO A HOUSE

3D-54-57 **ELEV. 560.729** DEC 28 1984

ORANGE COUNTY HIGHWAY DEPARTMENT	
THREE SMALL BRIDGES	
S-82 ON ORANGE PARK BLVD.	
AS NOTED	SHEET 2 OF 4

ENGINEER TO VERIFY PLAN ELEVATIONS IN FIELD PRIOR TO CONSTRUCTION

Three Small Bridges
S-82, SV-14, SV-18
As Built
Sheet 2 of 4 Red 22.511
Scale shown Sept 14

Three Small Bridges - S-82, SV-14, SV-18

Sheet 2 of 4