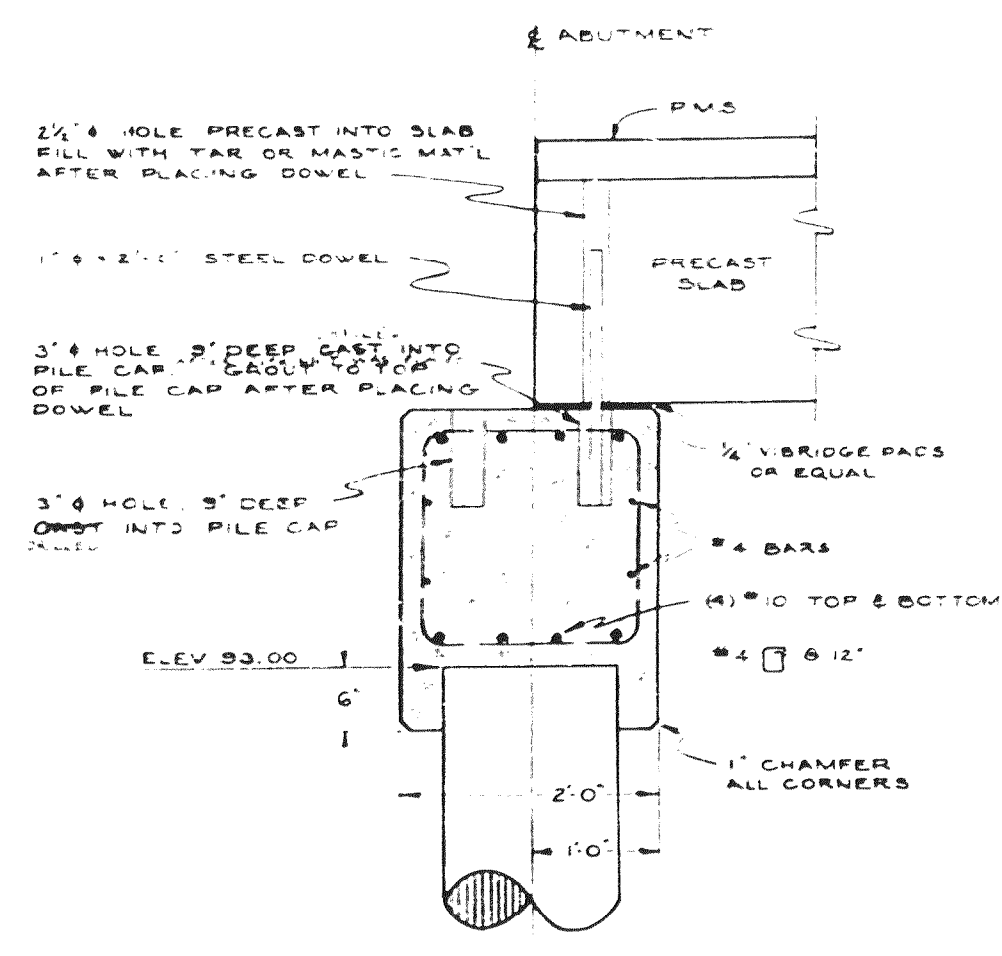




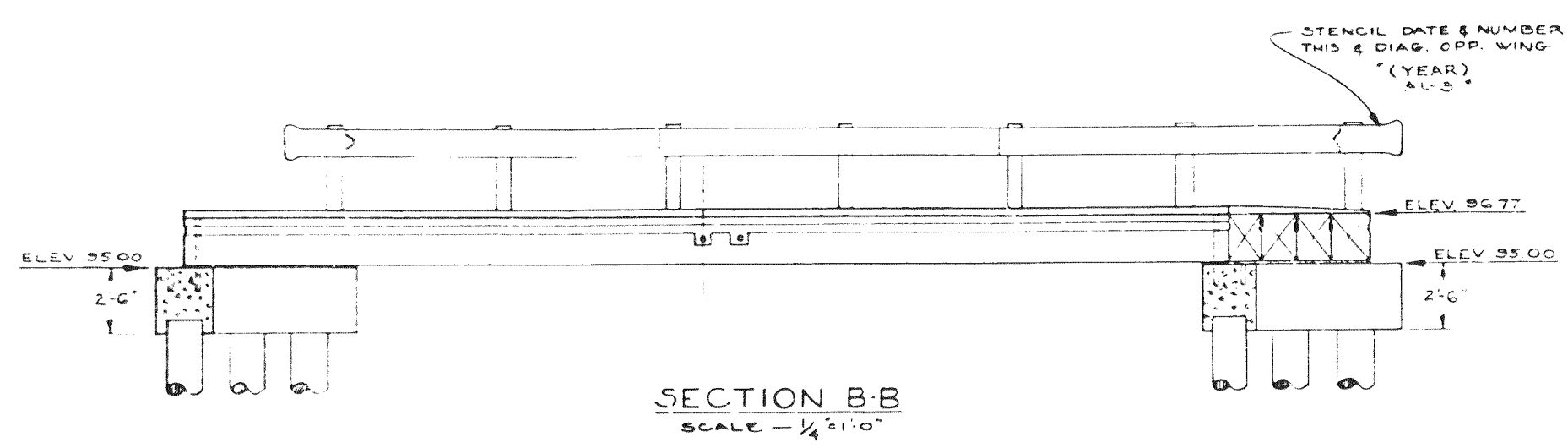
PILE CAP DETAIL
SECTION C-C
SCALE 1/4"=1'-0"

GENERAL NOTES

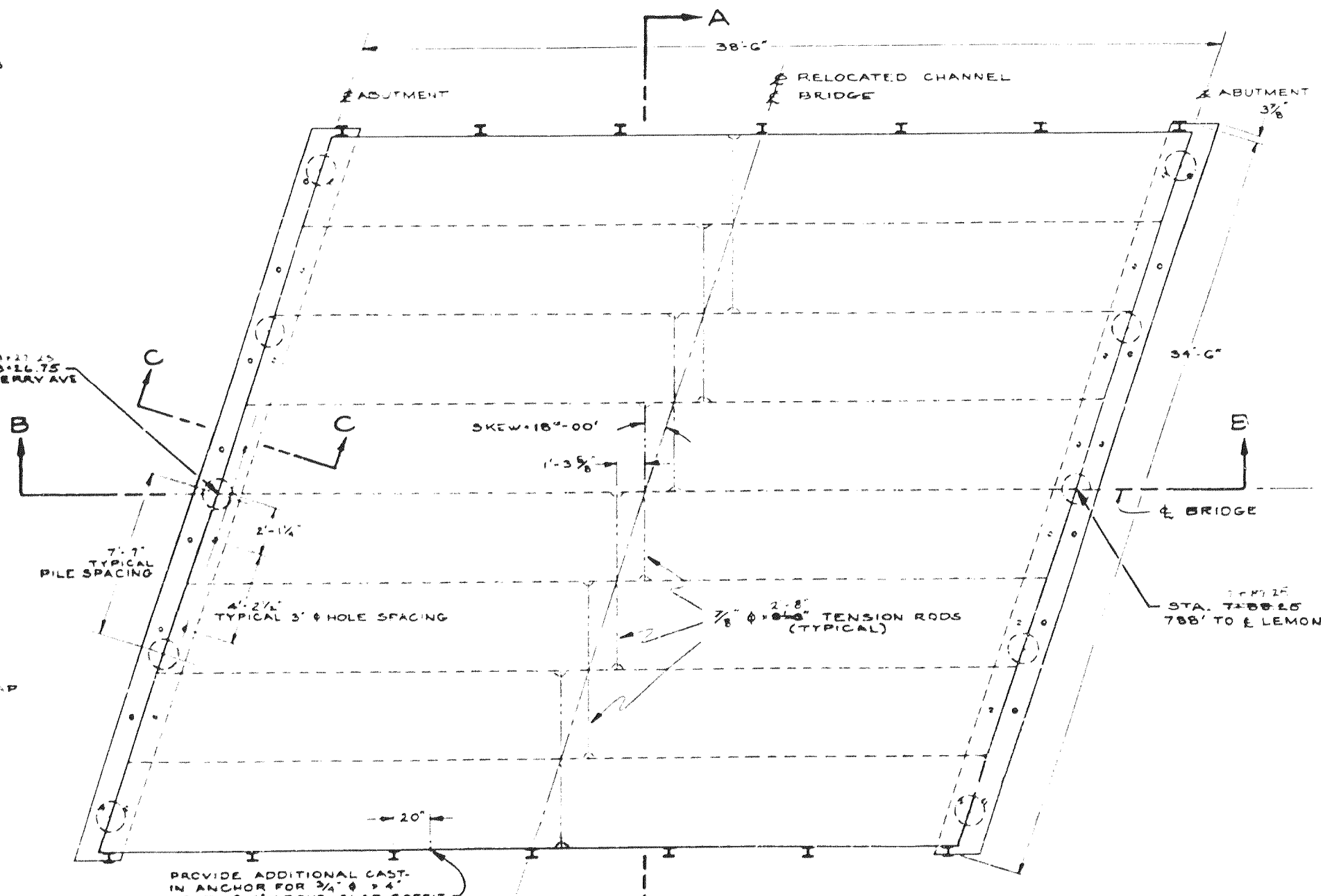
SPECIFICATIONS:
STANDARD STREET & HIGHWAY SPECIFICATIONS,
COUNTY OF ORANGE, DATED JANUARY 31, 1951.

LIVE LOADING
HS20-S16-44 DECK UNIT DESIGN MOMENT 14320 IN-K

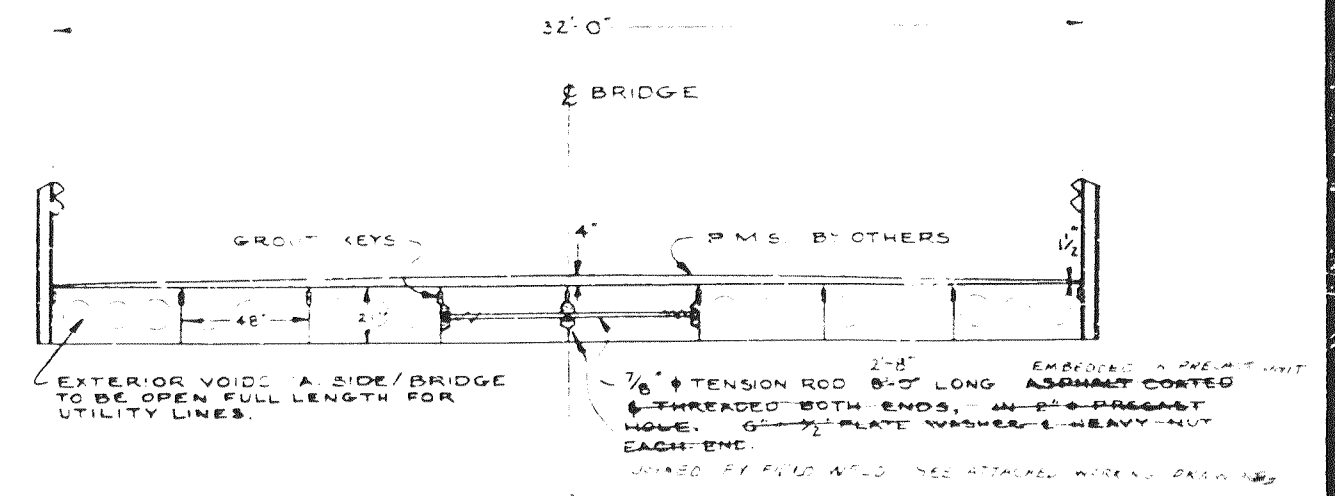
CONSTRUCTION:
PILING: 35 TONS MIN TIP ELEV -65.00
PILING DETAILS SHEET 2
PILE CAP: REINFORCED CONCRETE PER
ASTM A108 OR A109 WITH SUBSEQUENT
REVISIONS. LAP SPICES 20 DIA MIN.
TIGHTEN TENSION RODS TWO FULL TURNS FROM
HAND TIGHT POSITION (APPROX 1000 FT LBS TORQUE)
& GROUT NUT CAVITY.
AFTER END ANCHOR DOWELS ARE PLACED THE LONG-
ITUDINAL JOINTS BETWEEN UNITS SHALL BE THOR-
OUGHLY FILLED BY RAMMING INTO PLACE A VERY
DRY MIXTURE OF MORTAR CONSISTING OF ONE PART
PORTLAND CEMENT & 2 PARTS FINE AGGREGATE, &
WATER. THE JOINTS SHALL THEN BE COVERED WITH BURLAP
AND KEPT WET FOR 3 DAYS.
NO EQUIPMENT OR OTHER LOAD SHALL BE ALLOWED
ON THE SPAN WHILE THE GROUT BETWEEN THE DECK
SECTIONS OR IN THE ANCHOR DOWEL HOLES HAS
BEEN IN PLACE LESS THAN 72 HOURS.
ALL HARDWARE TO BE GALVANIZED.
ALL CHANNELWORK, APPROACH WORK, REMOVAL OF
EXISTING BRIDGE, & DECK RMD BY OTHERS.



SECTION B-B
SCALE 1/4"=1'-0"



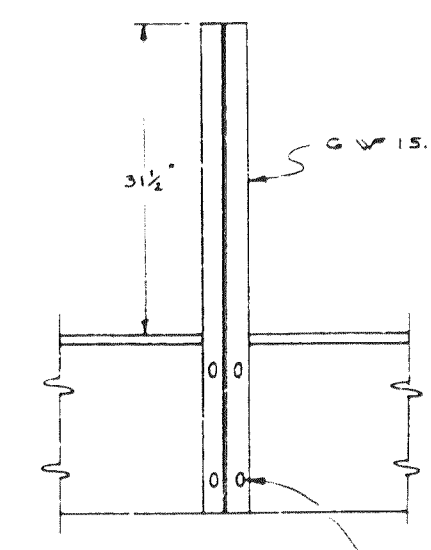
PLAN
SCALE 1/4"=1'-0"



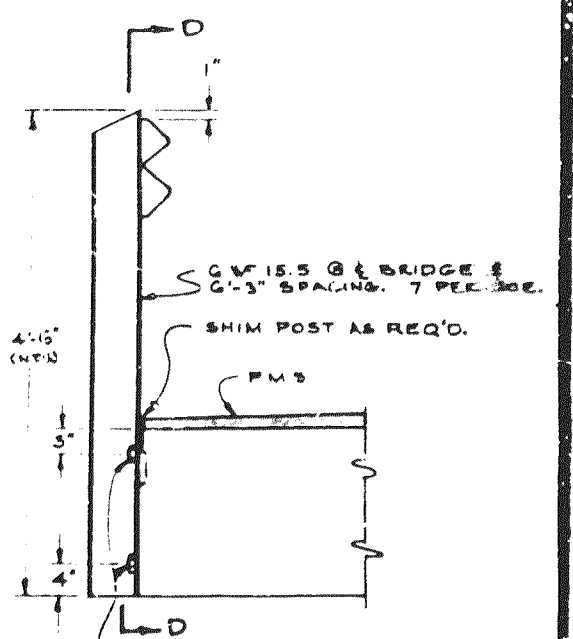
SECTION A-A
SCALE 1/4"=1'-0"

AS BUILT

DATE COMPLETED 7-29-60
REVISED BY JIN BOURGEOIS
INCHES BY JIN BOURGEOIS



SECTION D-D



GUARD RAIL DETAILS
SCALE 3/4"=1'-0"

AS BUILT

BENCH MARK

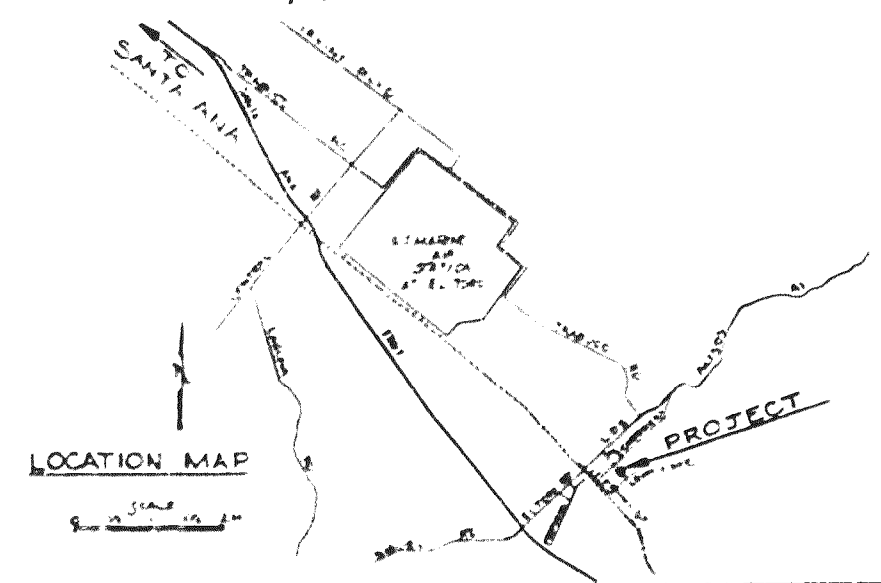
SPIKE IN POWER POLE #292567 E
250' EAST OF BRIDGE
ELEV. 100.00 (ASSUMED)

Bridge AL-9
Second St.
Sheet 1 of 6
Red. Ratio 22.5:1
Scale As Noted
Pencil Sketch

SHEET 1
SHEET 2
PLAN & DETAILS
PILE DETAILS

JUN 14 1962

ORANGE COUNTY HIGHWAY DEPARTMENT	
SECOND STREET BRIDGE OVER ALISO CREEK	
AL-9	
APPROVED: <i>[Signature]</i>	ROAD COMMISSIONER C.E. 1962
SCALE: NOTED	SHEET 1 OF 6



LOCATION MAP

AL-9
#4502
AL-9
SECOND ST. BR.
OVER ALISO CR.
Thomas: 891-J5