

BRIDGE DEPARTMENT

GENERAL NOTES

Materials and workmanship shall conform with Standard Specifications of the Department of Public Works, Division of Highways, dated January 1935, and the Special Provisions accompanying this set of plans.

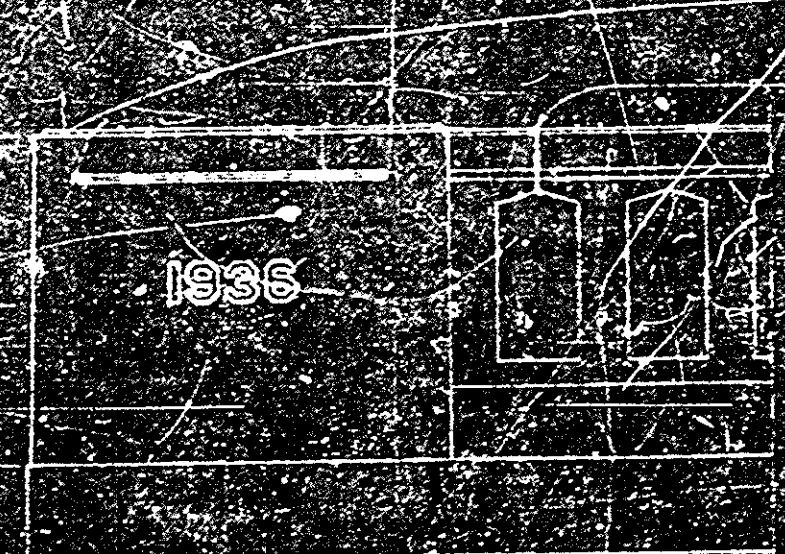
Reinforcing steel shall be intermediate grades, covered or galvanized bars as shown on the plans, light wire at other sections with 14 or 16 wire. All bars to be embedded at least two diameters. All laps shall be 30 diameters.

All concrete shall be Class A concrete.

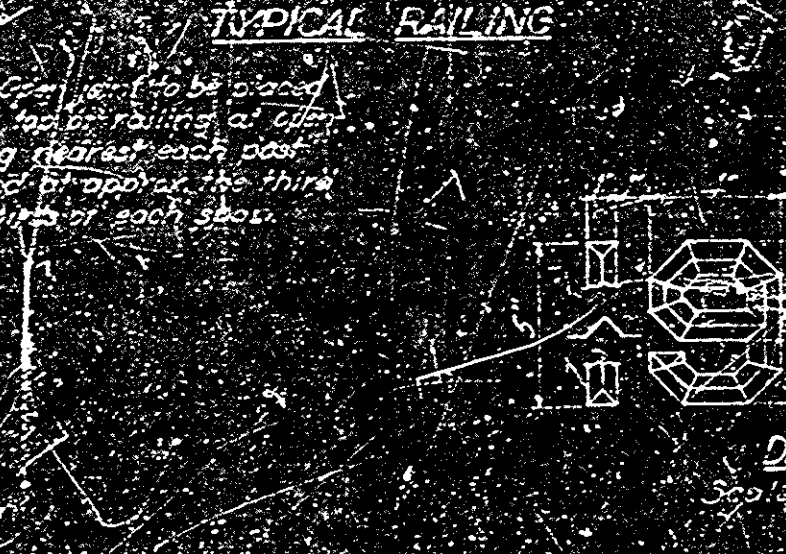
All piling to be treated Douglas Fir.

Working stresses used in design: $f_s = 16,000$ lbs. $f_c = 1,000$ lbs. $f_t = 10$ lbs. loading $H = 15$.

SECTION A-A



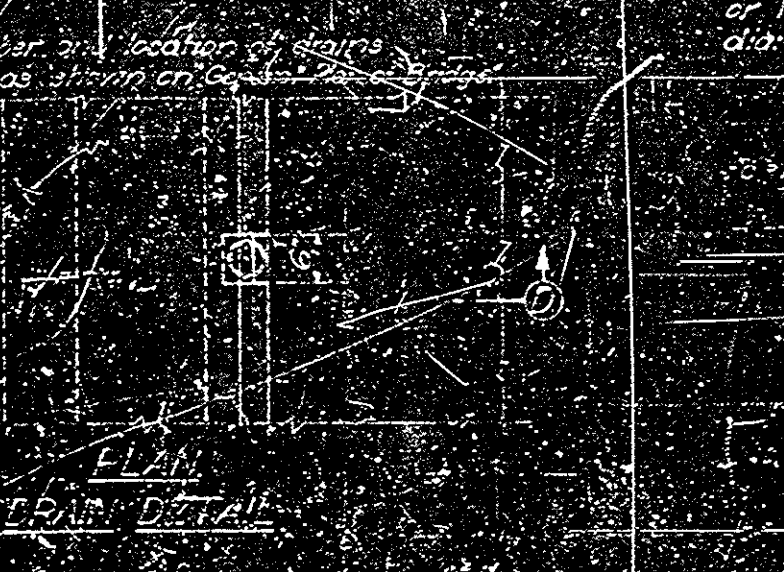
SECTION B-B



SECTION C-C



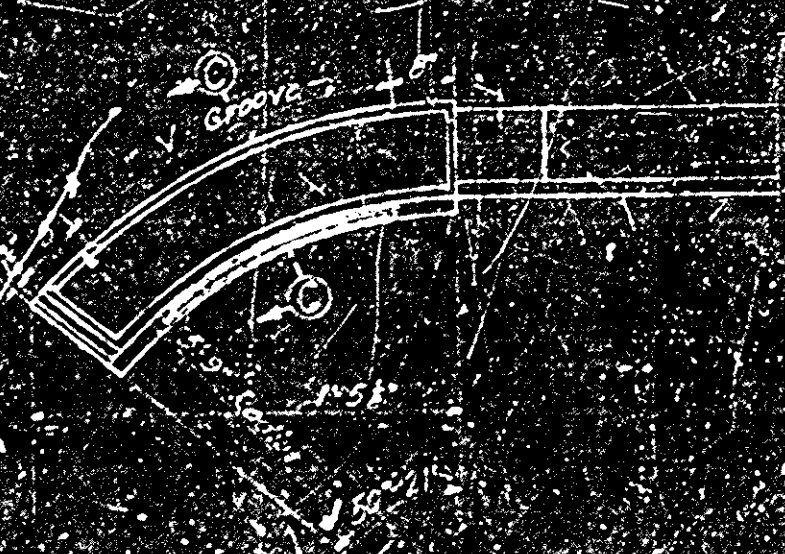
SECTION D-D



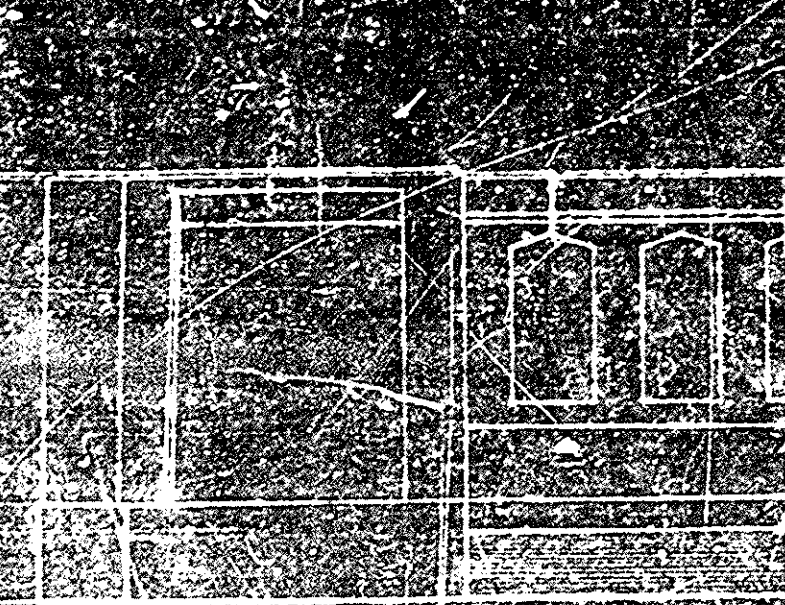
TYPICAL RAILING



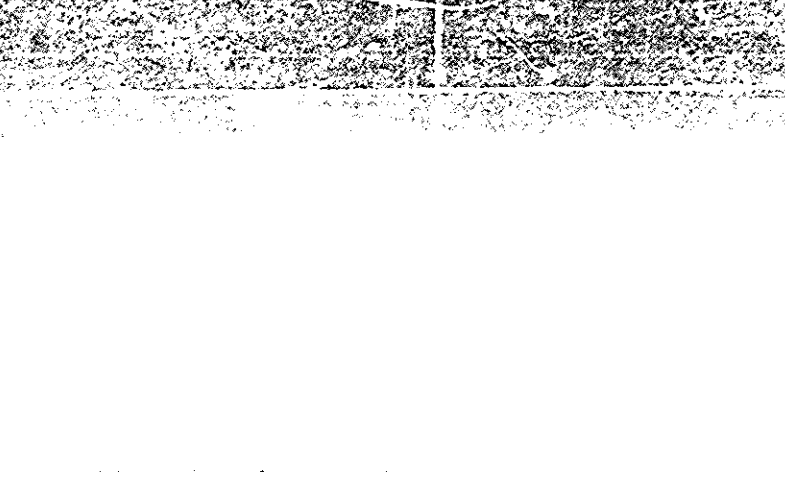
INSIDE ELEVATION OF END POST



PLAN OF END POST

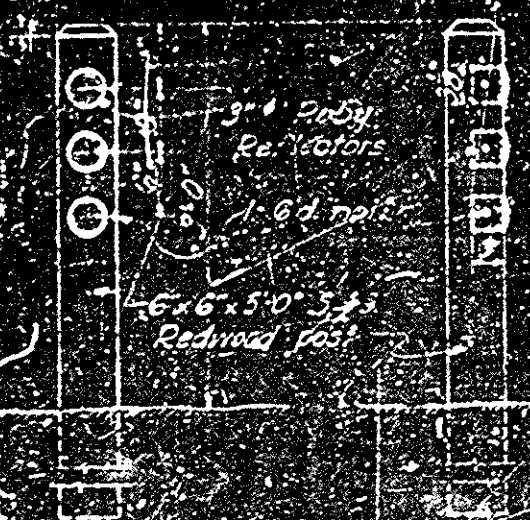


OUTSIDE ELEVATION OF END POST



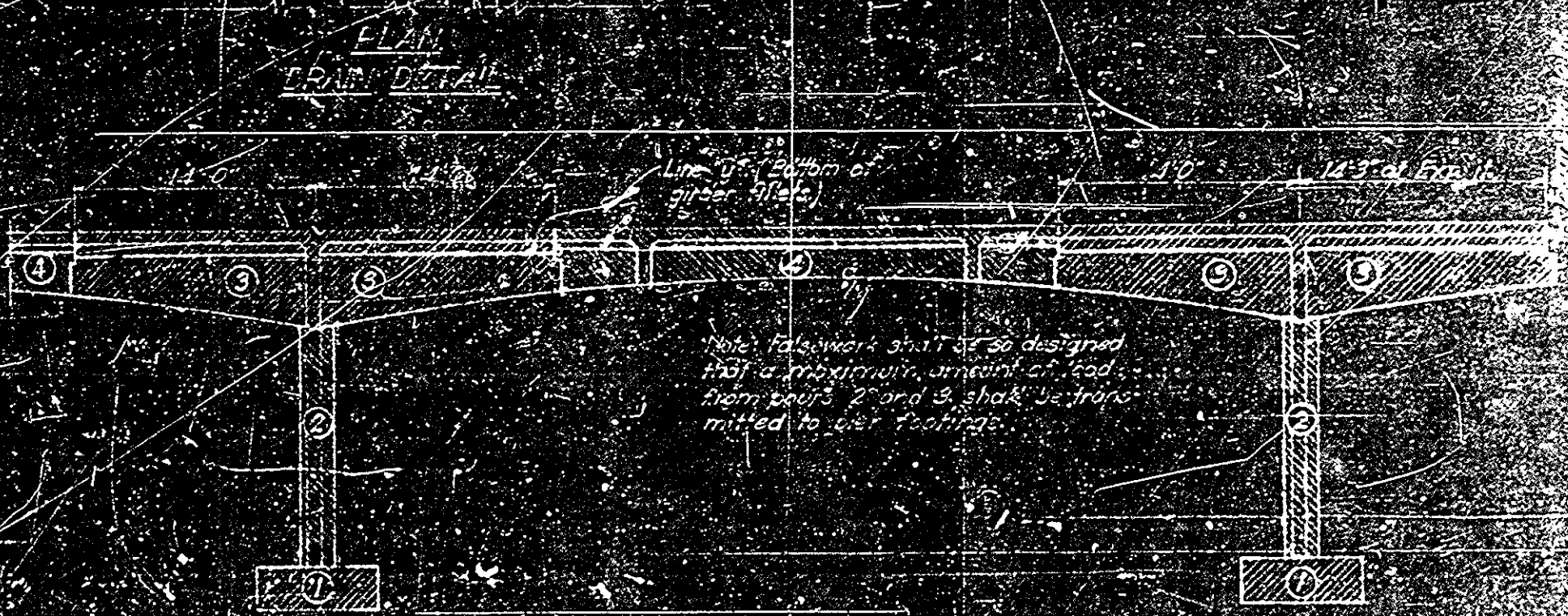
HOOKED BAR DATA

NO.	SIZE	LENGTH	WEIGHT
1	3/4"	10'	1.1
2	3/4"	10'	1.1
3	3/4"	10'	1.1
4	3/4"	10'	1.1
5	3/4"	10'	1.1
6	3/4"	10'	1.1
7	3/4"	10'	1.1
8	3/4"	10'	1.1
9	3/4"	10'	1.1
10	3/4"	10'	1.1
11	3/4"	10'	1.1
12	3/4"	10'	1.1
13	3/4"	10'	1.1
14	3/4"	10'	1.1



REFLECTOR SIGNAL POST

See post on right side of bridge at end of each span as shown on General Plan.



PLACING DIAGRAM

- PLACING ORDER
1. Piling, piling to be continuous.
 2. Columns and pier diaphragms, piling to be continuous.
 3. Girder haunches and plan section of deck to be placed after the columns are set, and after the piling is in place and progress symmetrical to both sides. Spacing at line 10' not less than 2' and not more than 12' hours.
 4. Center section, piling at line 10' not less than 2' hours and not more than 12' hours, piling at center of span and progress symmetrical to both sides.
 5. Girder, sidewalk, and other to be placed as soon as work has been removed.
- Following of pier section shall be removed prior to placing of center section, following of pier center section shall not be removed until work on center section at least twenty feet (20') wide on and across of center section of both adjacent spans is at least fourteen (14') days old.

BRIDGE ACROSS SANTA ANA RIVER
MISCELLANEOUS DETAIL
SCALE 1/2" = 1'-0"
BRIDGE NO. 1000