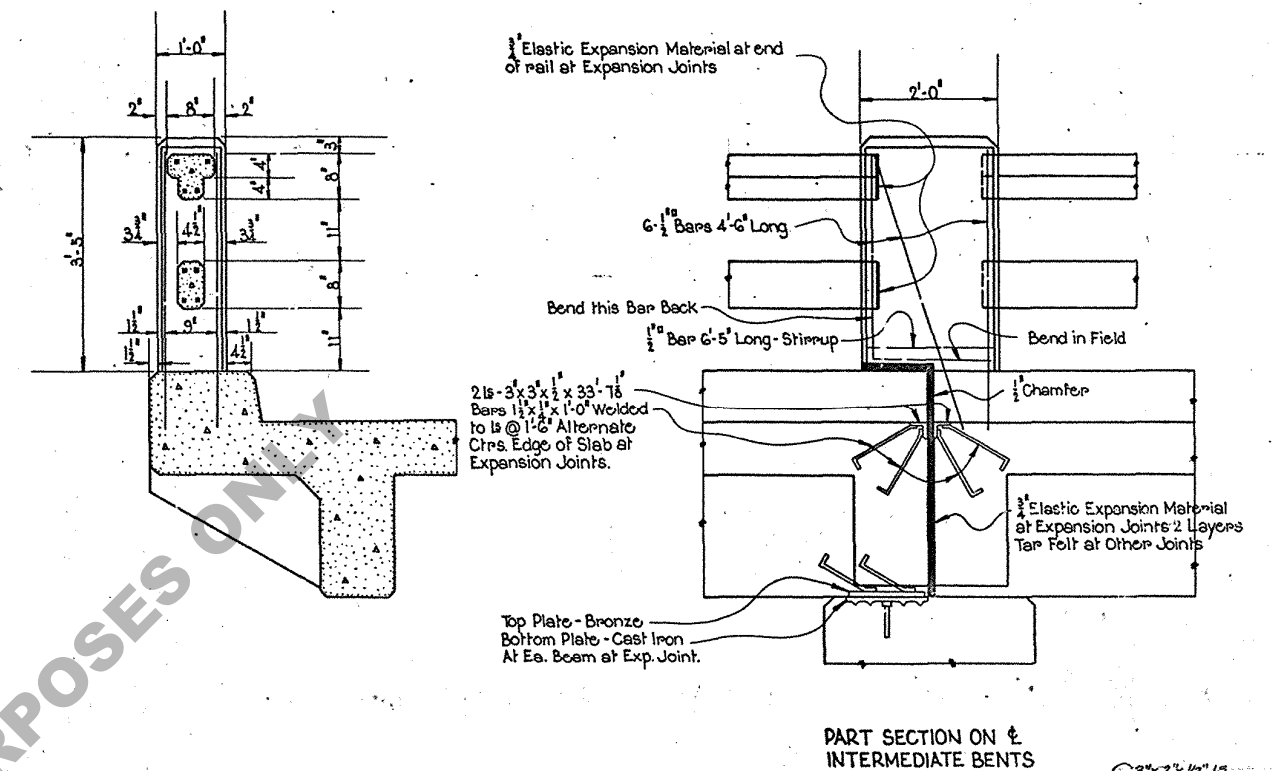
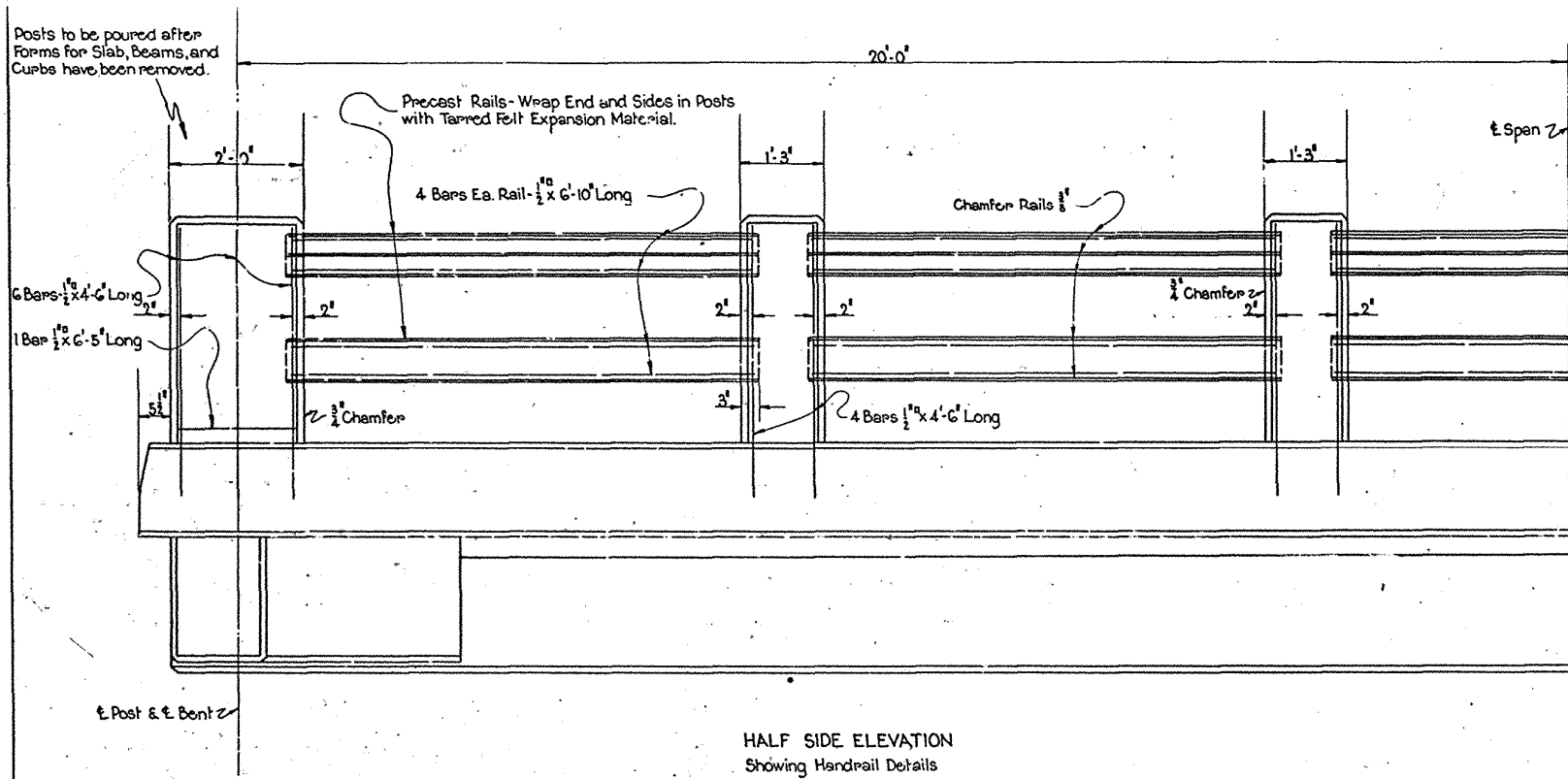




QUANTITIES FOR HANDRAIL

One End Post	Conc. 253 Cu. Yds.	Reinf. Steel 28 lbs.
One Intermediate Post	Conc. 158 Cu. Yds.	Reinf. Steel 15.3 lbs.
Railing per Linear Ft. 2 Sides	Conc. .0433 Cu. Yds.	Reinf. Steel 13.6 lbs.

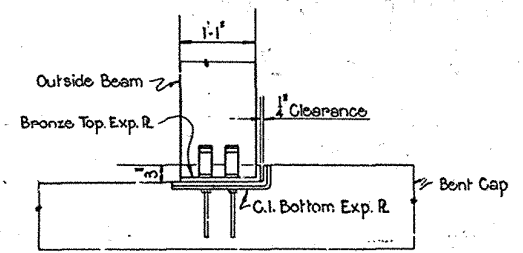
NOTE :-

All bearing surfaces on concrete cap under plates to be covered with sheet lead. All anchor bolt holes and other openings between concrete and edge of plates to be filled with molten lead.

QUANTITIES

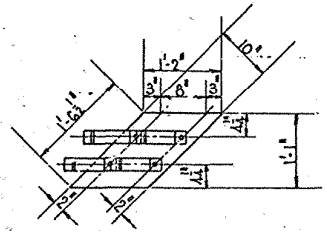
Bronze	246 lbs.
Structural Steel	724 lbs. Total 1220 lbs.
Cast Iron	255 lbs.
Deduct 153 lbs. Reinforcing Steel at Expansion Joints.	

3"x3 1/2" IS
5/8" Bolts @ 2'-0" ctrs.
To be sheared off and removed after Concrete has set.



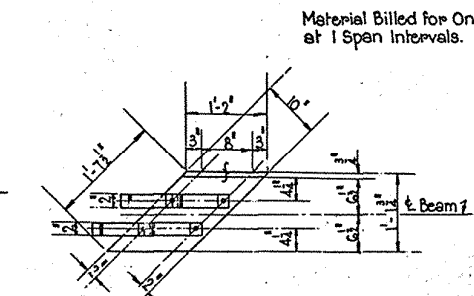
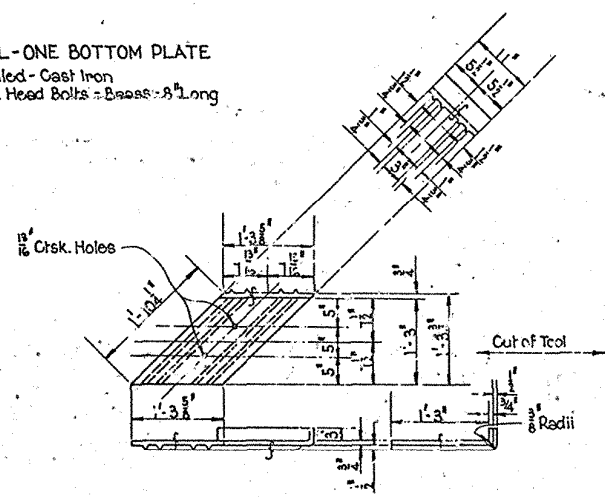
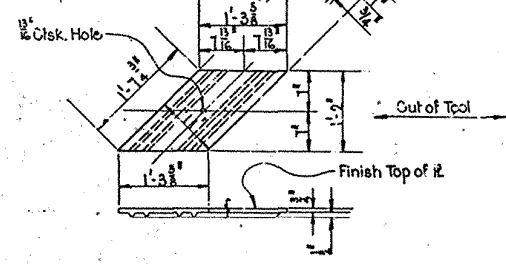
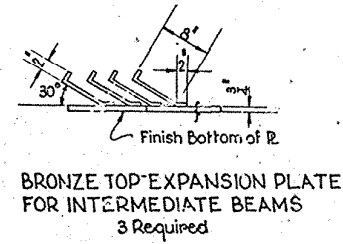
HANDRAIL DETAIL

MATERIAL - ONE TOP EXP. PLATE
1R as detailed - Bronze
4 Bars 2 1/2" x 1'-0" Structural Steel
4-5/8" Countersunk Brass Rivets



CAST IRON
A.S.T.M. Designation A-48-36
Class No 40 Minimum

MATERIAL - ONE BOTTOM PLATE
1R as detailed - Cast Iron
2-1/4" Ctsk. Head Bolts - Brass - 8" Long



MATERIAL - ONE TOP EXP. PLATE
1R as detailed - Bronze
4 Bars - 2 1/2" x 1'-0" Structural Steel
4-5/8" Ctsk. Brass Rivets

3/4" x 8" CTSK. HEAD BOLT - BRASS
(Bolts Classified as Bronze)

STANDARD 40' SPAN R.C. DECK GIRDER
24'-0" ROADWAY. 45° SKEW
LOUISIANA HIGHWAY COMMISSION
Baton Rouge, La.
May 1931