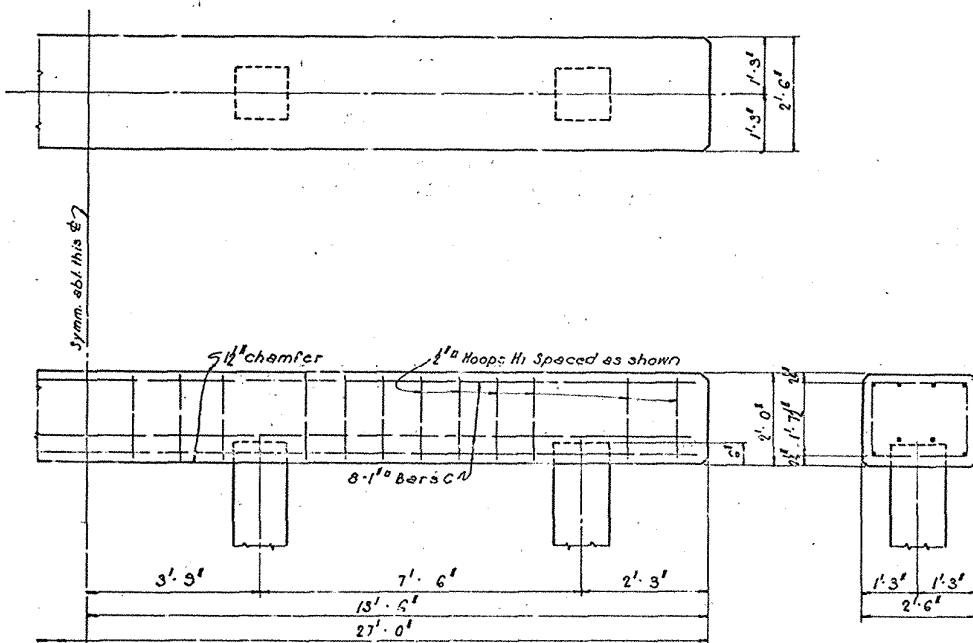
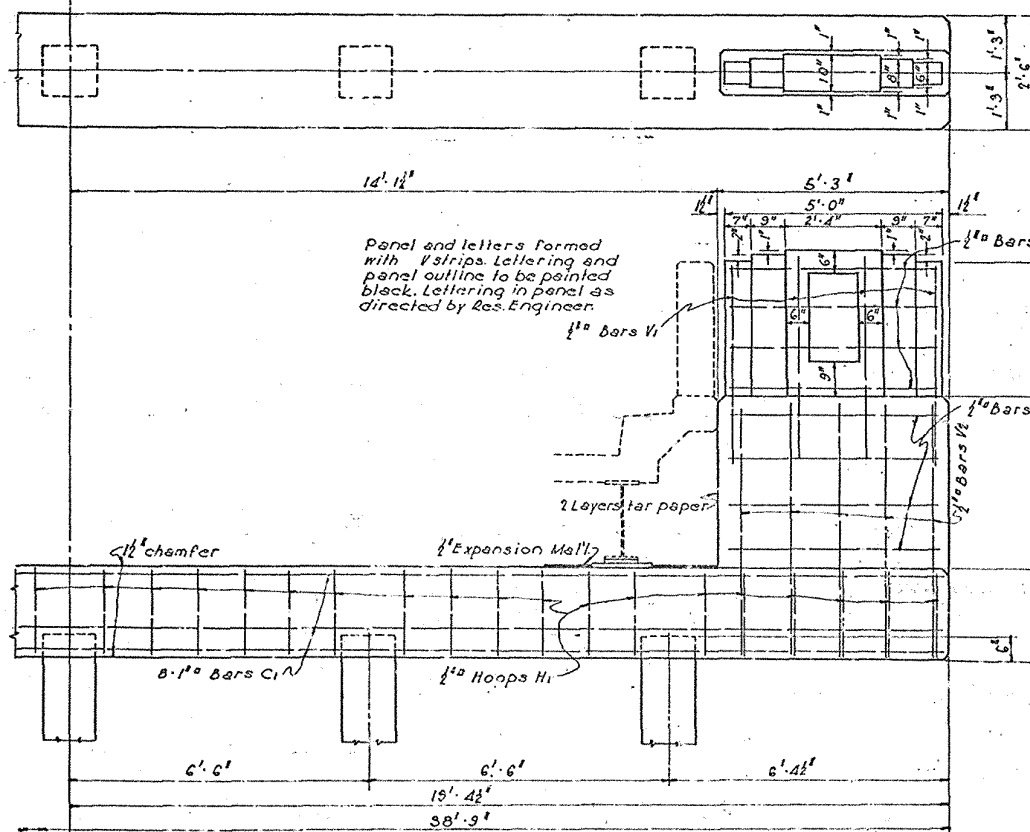
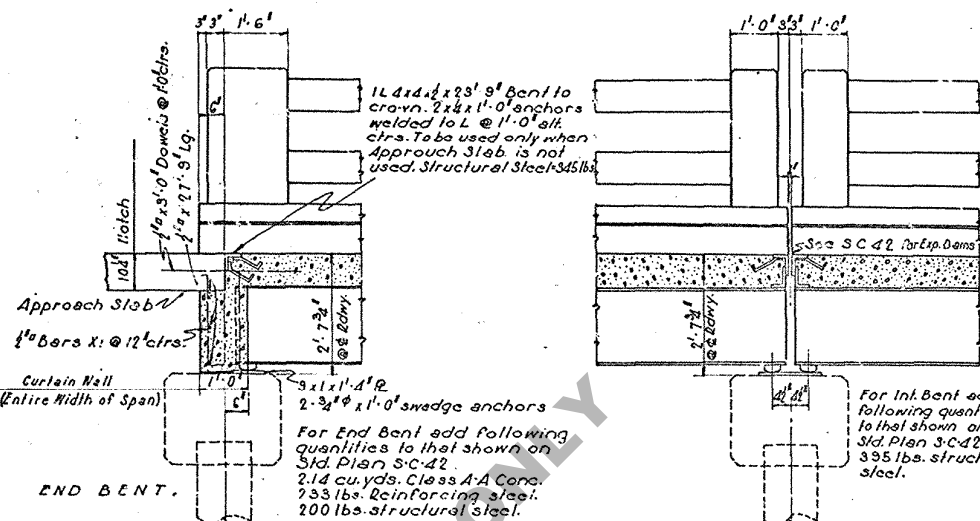
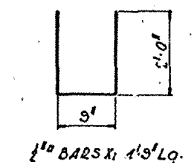
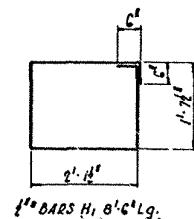




INTERMEDIATE BENT



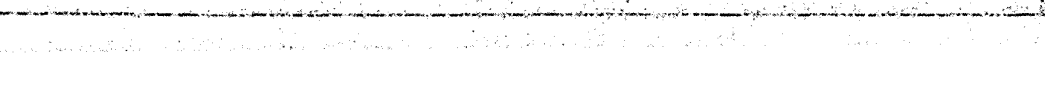
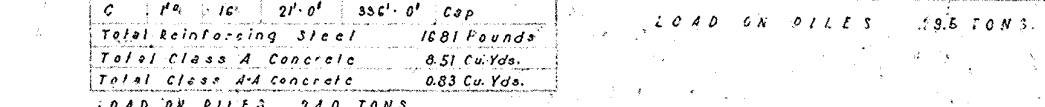
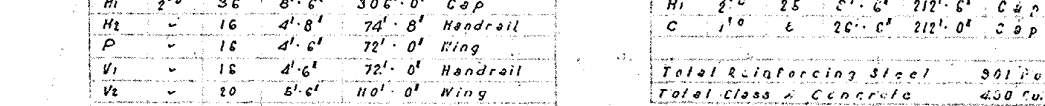
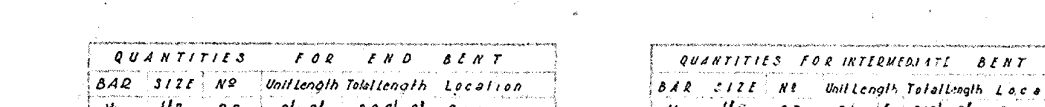
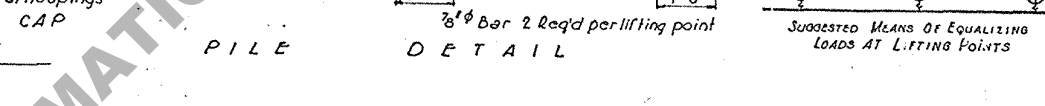
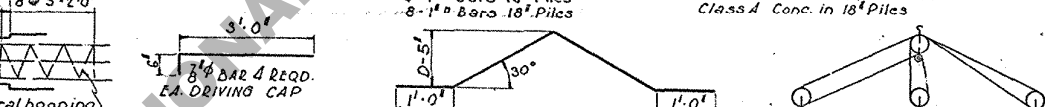
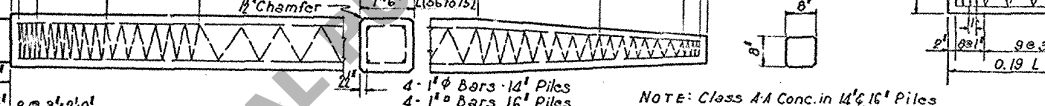
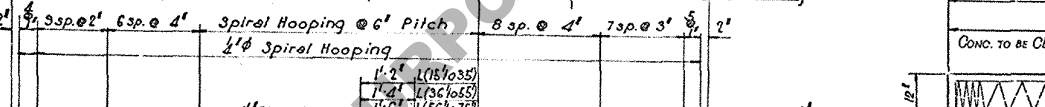
END BENT



END BENT

CONNECTION DETAIL FOR DETAIL OF SPANS See Std. Plan S-C-42-15

Variable	5'-0" Tapered Point	INTERMEDIATE BENT
195L	.557L	.248L
.162L	.324L	.190L
.162L	.324L	.190L

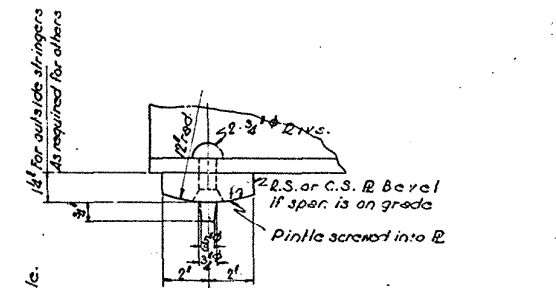


BAR SIZE	Nº	Unit Length	Total Length	Location
H ₁	36	6'-6"	306'-0"	Cap
H ₂	16	4'-8"	74'-8"	Handrail
P	16	4'-6"	72'-0"	King
V ₁	16	4'-6"	72'-0"	Handrail
V ₂	20	5'-6"	110'-0"	Wing
C	16	2'-0"	336'-0"	Cap
Total Reinforcing Steel				1681 Pounds
Total Class A Concrete				8.51 Cu. Yds.
Total Class A Concrete				0.83 Cu. Yds.

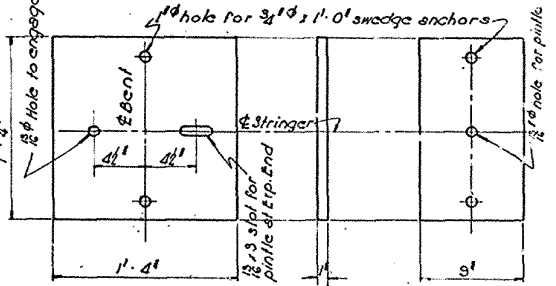
LOAD ON PILES 22.0 TONS

BAR SIZE	Nº	Unit Length	Total Length	Location
H ₁	25	5'-6"	212'-6"	Cap
C	6	26'-6"	212'-0"	Cap
Total Reinforcing Steel				941 Pounds
Total Class A Concrete				4.58 Cu. Yds.

LOAD ON PILES 19.6 TONS



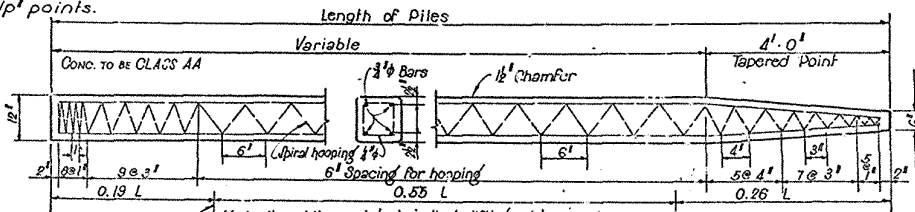
ROCKER DETAIL



FOR INTERMEDIATE BENT

FOR END BENT

DETAIL OF BASE PLATES



12" PILE DETAIL (MAX. LG. 35')

GENERAL NOTES:
Specifications: Louisiana Highway Commission.
Concrete to be class A in cap & class AA in handrail.
All dimensions relating to reinforcing are to center.
All exposed surfaces to have a rusted finish.
Concrete Quantities Shown are for 14" Piles Deducted.

12-31-45

STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
FOR 40'-1 BEAM SPAN STD. PLANS 42-15

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.
Dec. 1935

5-2-38 76" Pile Added	L.C.C.
2-6-38 Handrail Panel & Post End Bent	L.C.C.
1-27-35 12" Pile Detail Added	R.V.R.
0-7-35	DISCUSSION
REVISIONS	