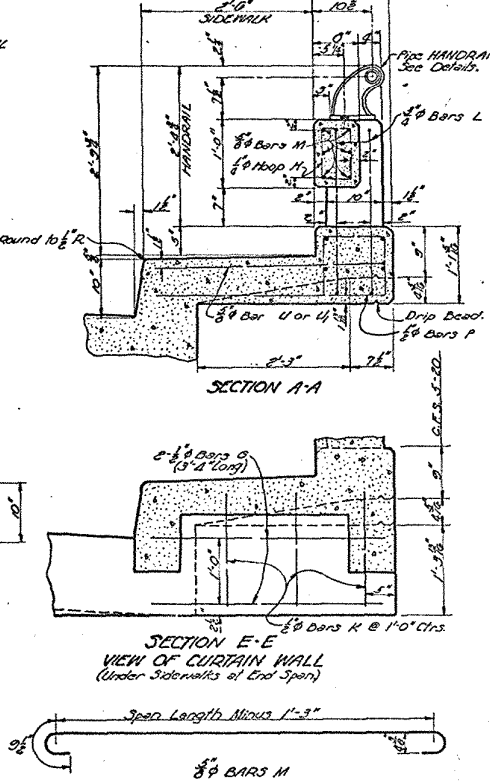
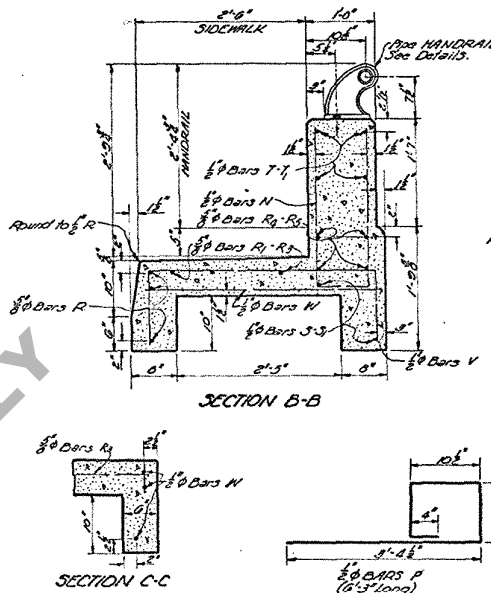
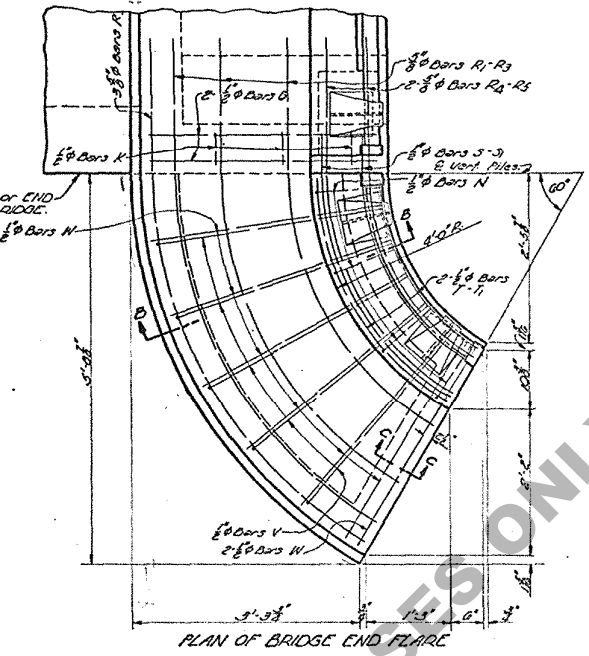
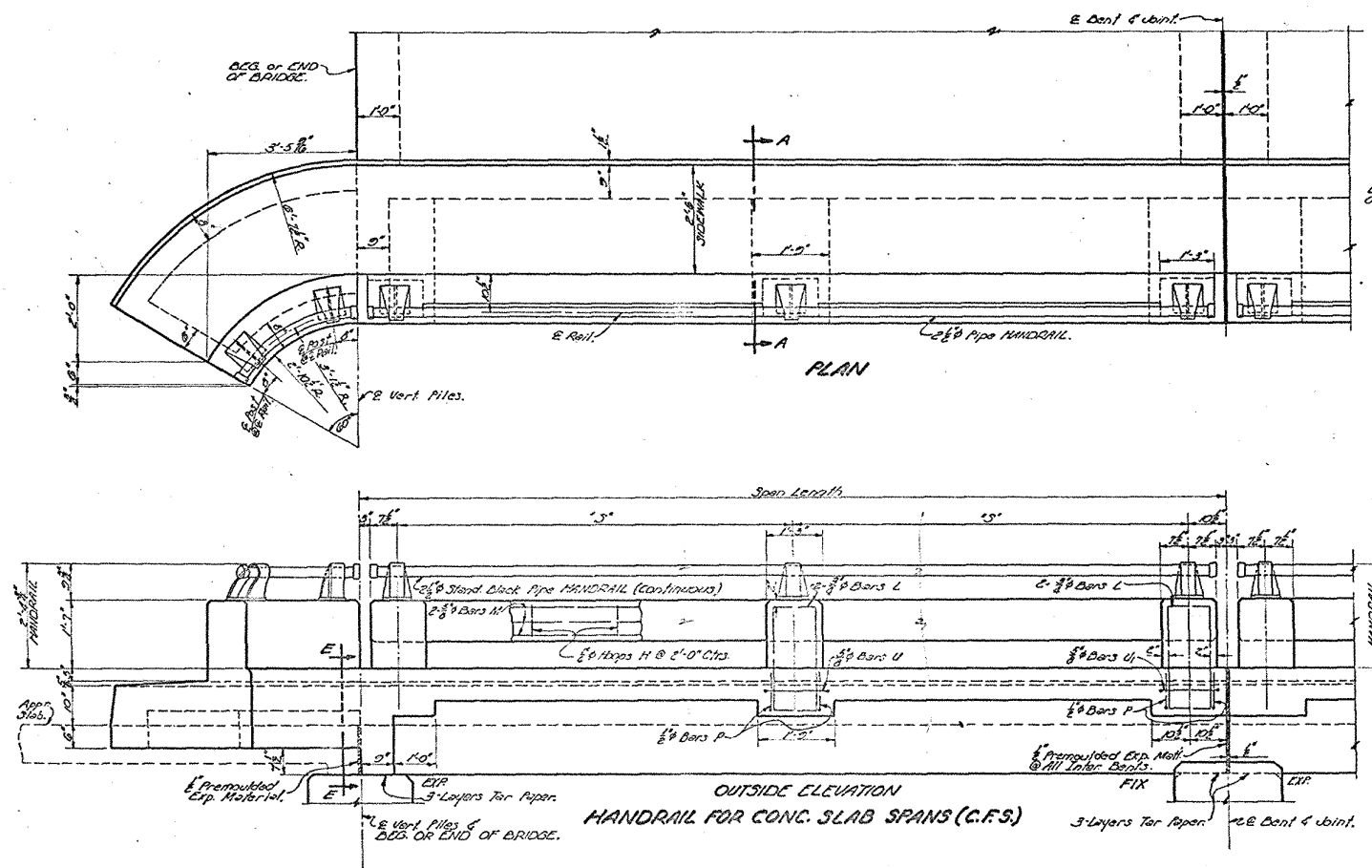
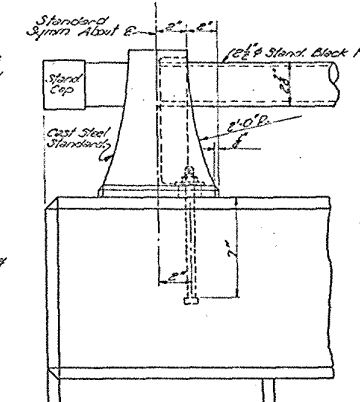
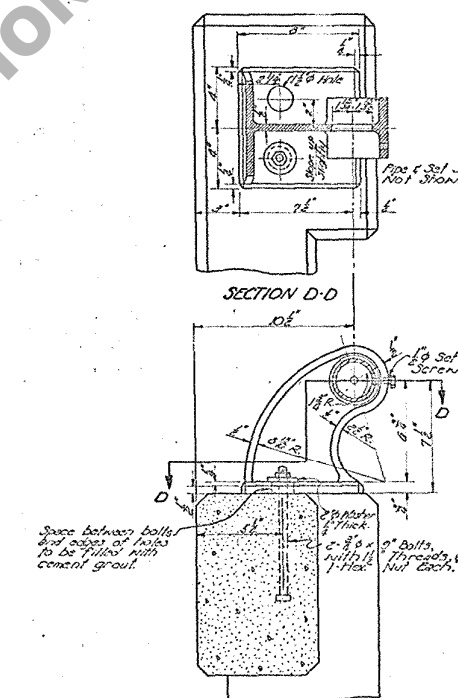
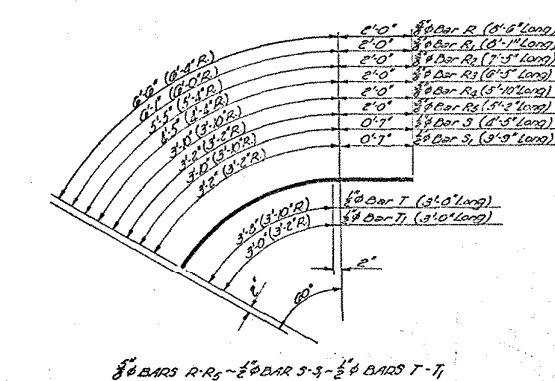


BILL OF MATERIAL FOR ONE BRIDGE END FLARE*

BAR NO.	SIZE	UNIT	TOTAL LENGTH	BAR NO.	SIZE	UNIT	TOTAL LENGTH
R ₁	3/8"	0'-6"	25'-6"	S	1/2"	8'-5"	4'-5"
R ₂	1/2"	0'-1"	8'-1"	T	1/2"	3'-9"	3'-9"
R ₃	1/2"	7'-5"	7'-5"	V	3/8"	3'-5"	27'-4"
R ₄	1/2"	6'-5"	6'-5"	N	0"	3'-5"	27'-4"
R ₅	2/3"	3'-10"	11'-8"				
R ₆	2/3"	3'-2"	10'-8"				
TOTAL 3/8" BARS - 65'-5" = 72 LBS				TOTAL 1/2" BARS - 62'-9" = 62 LBS			
TOTAL REINFORCING STEEL				134 LBS			
TOTAL CLASS "A" CONCRETE				86 CU YDS			
TOTAL PIPE & CONCRETE HANDRAIL				4.10 LIN. FT.			

*Includes Quantities below Top of Sidewalk Curb Only.



GENERAL NOTES:

Construction Specifications: Latest approved Louisiana Department of Highways Standard Specifications.

Design Specifications: A.A.S.H.O. 1225.

Concrete, Reinforcing Steel, and Handrail to be placed in one operation.

Reinforcing Steel to be Structural or Intermediate Grade.

Dimensions relating to Reinforcing Steel are to bar centers.

Handrail Pipe and Castings to be painted with one shop coat and three field coats in accordance with the Special Provisions for Painting of Metal Surfaces. Shop coat to be applied before erection.

CROSS SECTION

DETAILS FOR CAST STEEL BRACKET

SIDE ELEVATION

END FLARES, BRACKETS CURTAIN WALLS, AND HANDRAIL QUANTITIES TO BE ADDED TO STD. PLANS C.F.S. 5-20									
SPAN LENGTH	END SPAN*				INTERMEDIATE SPAN				STD. PLAN NO.
	REIN. STEEL	CLASS "A" CONCRETE	PIPE & CONG. HANDRAIL	HANDRAIL SPACE "S"	REIN. STEEL	CLASS "A" CONCRETE	PIPE & CONG. HANDRAIL	HANDRAIL SPACE "S"	
20'	387 LBS.	1.00 CU YDS	07.38'	9'-1 1/2"	100 LBS.	2.8 CU YDS	32.0'	9'-1 1/2"	C.F.S. 5-20

* Includes (a) Curbs and End Flares

STANDARD PLAN TYPE "T" HANDRAIL AND BRIDGE END FLARE 2'-0" SIDEWALKS TO BE USED WITH STD. PLAN C.F.S. 5-20

DESIGNED *Hutchinson* DATED Sept. 1, 1949

CHECKED *Hutchinson* BY *Hutchinson*

DEPARTMENT OF HIGHWAYS

BRIDGE DESIGN SECTION