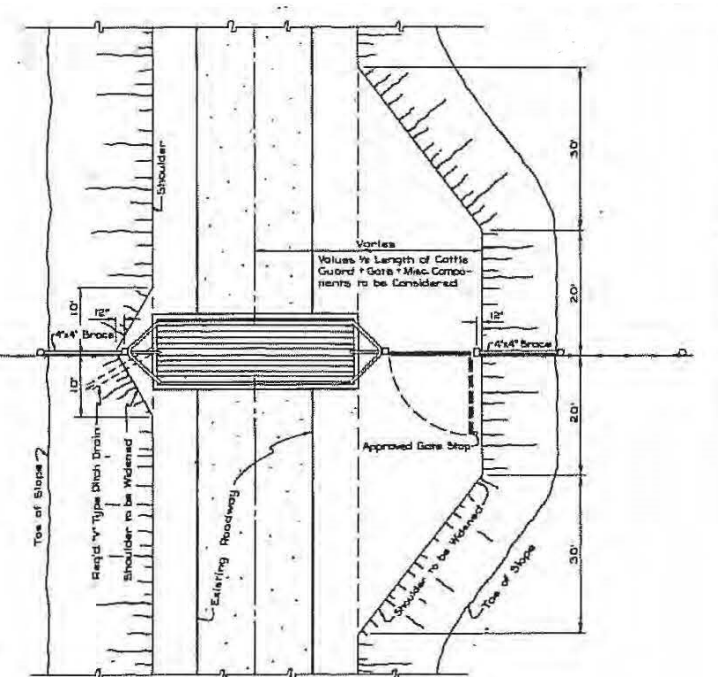
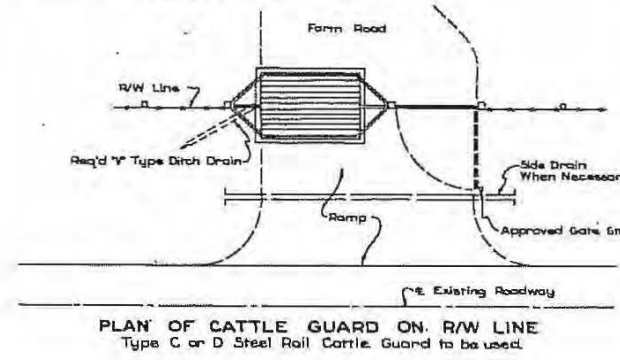
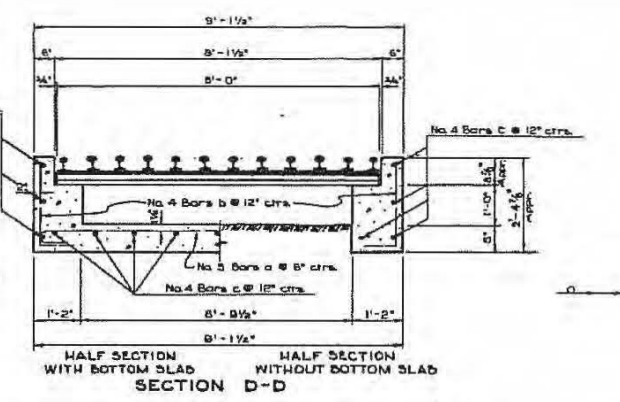
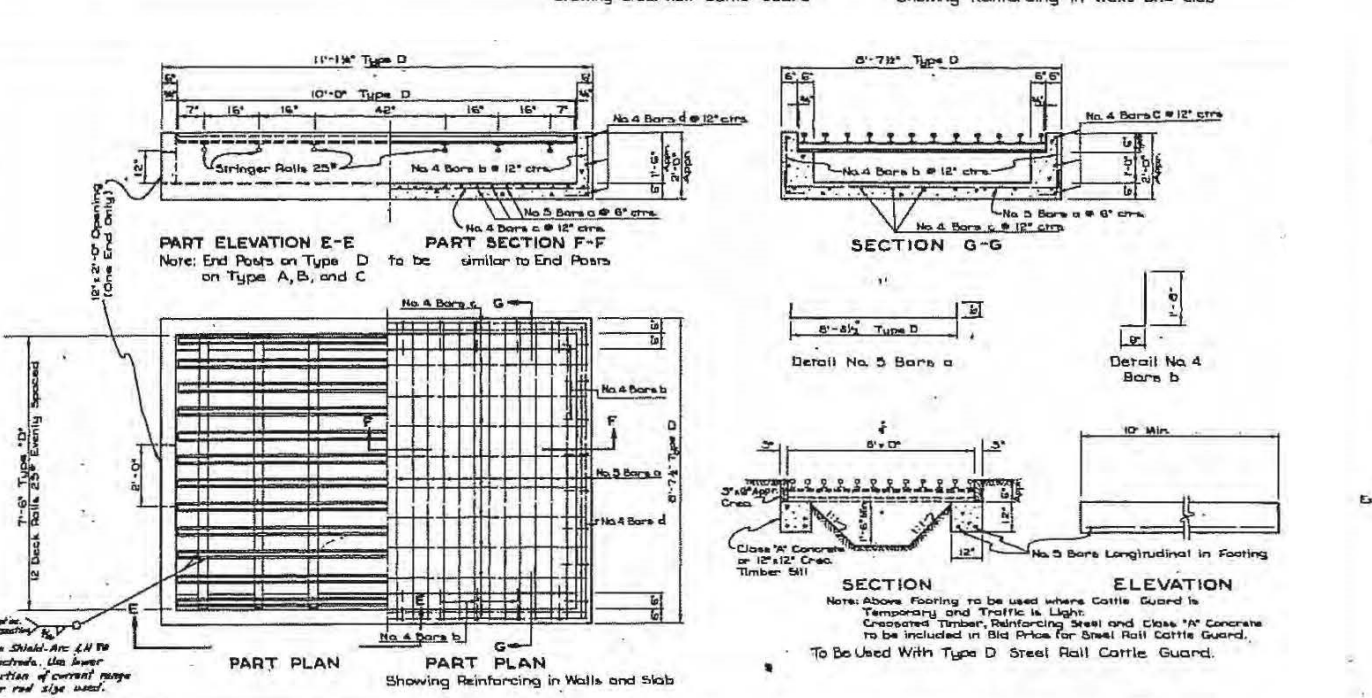
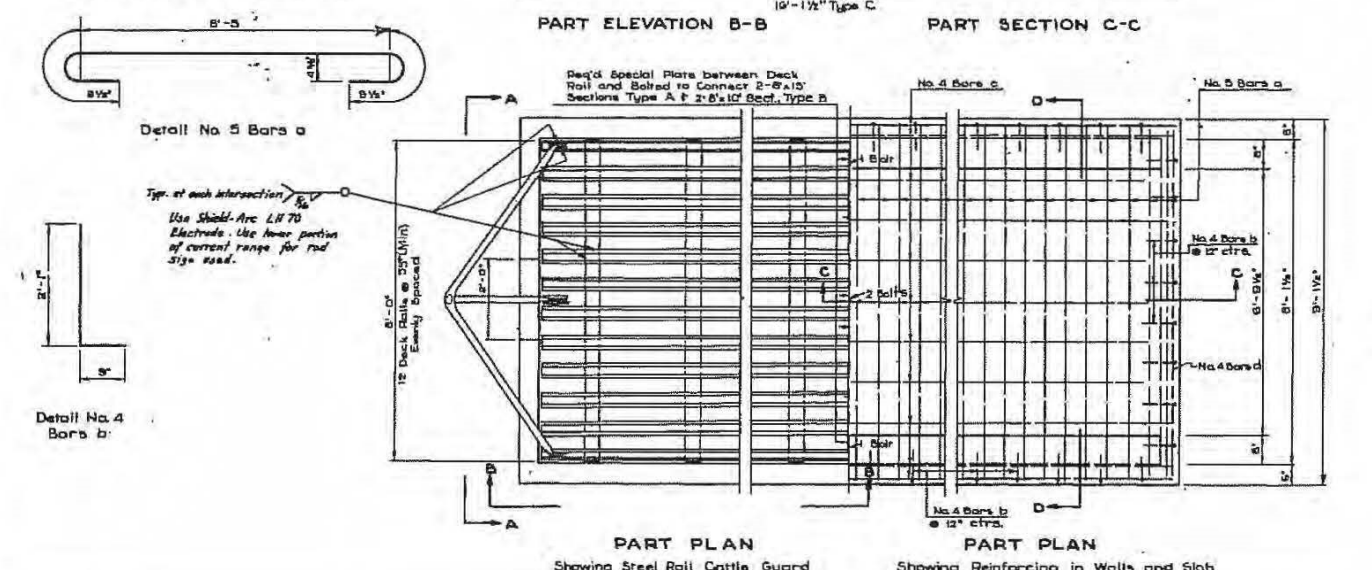
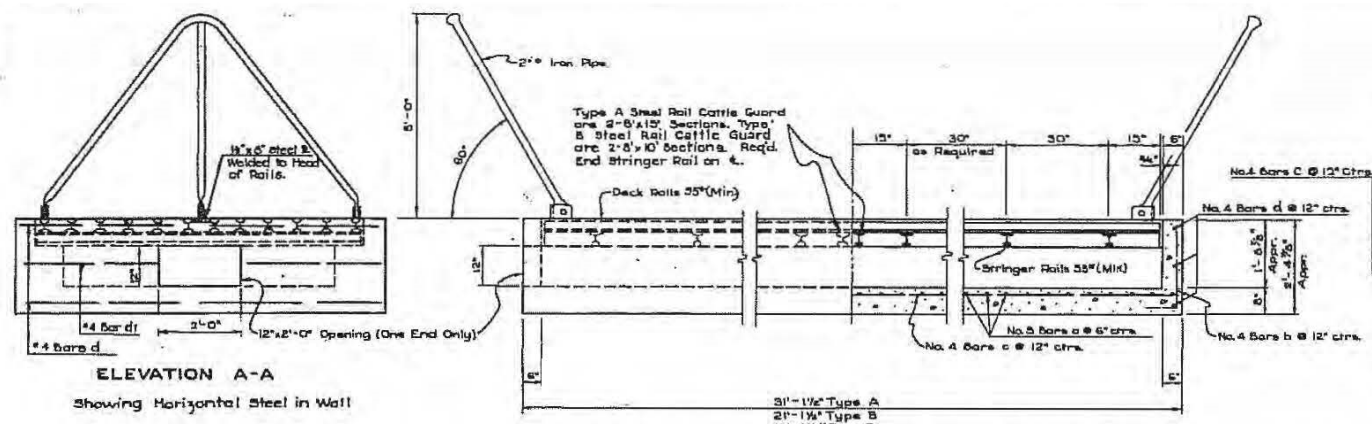


STEEL RAIL CATTLE GUARD	CONCRETE STRUCTURE	BILL OF MATERIAL														DEFORMED REINFORC. STEEL	FABRICATED CARBON STEEL	CLASS A CONCRETE				
		NO. 5 BARS a			NO. 4 BARS b			NO. 4 BARS c			NO. 4 BARS d			NO. 4 BARS d1								
		NO.	FT.	IN.	NO.	FT.	IN.	NO.	FT.	IN.	NO.	FT.	IN.	NO.	FT.				IN.			
TYPE	DIMENSIONS	OVERALL DIMENSIONS			NO.	FT.	IN.	NO.	FT.	IN.	NO.	FT.	IN.	NO.	FT.	IN.	POUNDS	POUNDS	CU. YDS.			
A	8' x 50'	9'-1 1/2"	x	31'-1 1/2"	62	10	0	74	2	10	15	30	10	5	8	10	2	3	3	1150	* 10069	10.99
B	8' x 20'	9'-1 1/2"	x	21'-1 1/2"	42	10	0	54	2	10	15	20	10	5	8	10	2	3	3	785	* 6837	7.60
C	8' x 15'	9'-1 1/2"	x	16'-1 1/2"	32	10	0	44	2	10	15	15	10	5	8	10	2	3	3	610	* 4864	5.91
D	7'-0" x 10'	8'-7 1/2"	x	11'-1 1/2"	22	9	5 1/2	34	2	5	15	10	10	5	8	4	2	3	0	408	1875	3.16

Note: Proj. Engineer to check size of Rails and Dimensions before permitting Materials to be ordered. Quantities shown above are for Cattle Guards with Bottom Slab. Cattle Guard to be paid for as a Unit, Complete in Place. Quantities shown for Fab. Carbon Steel do not include: Re, Fastenings, Bolts, Welds, etc.



SHEET NUMBER

PARISH

DESIGN

CHECK

DETAIL

CHECK

REVIEW

SERIES

1 OF 1

APPROVED BY CHIEF ENGINEER

DATE: 6/1/2024

REVISION OR CHANGE ORDER DESCRIPTION

BY

NO.

DATE

PORTABLE STEEL RAIL CATTLE GUARD (55# MIN. DECK RAILS)

RM-37 MOD

STANDARD PLAN