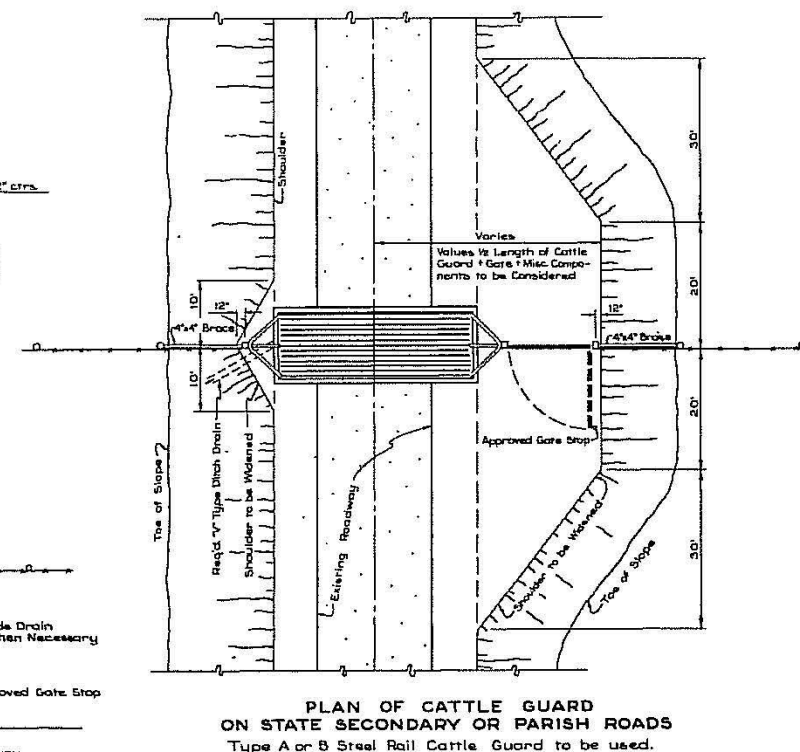
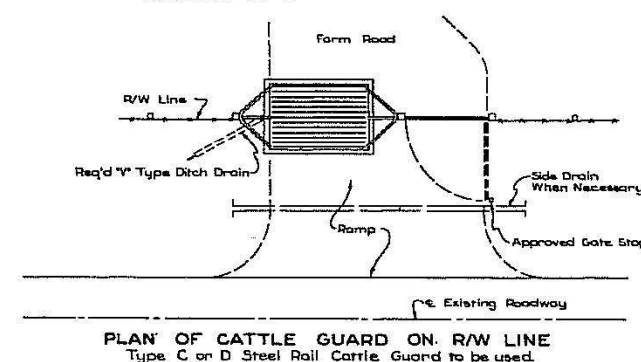
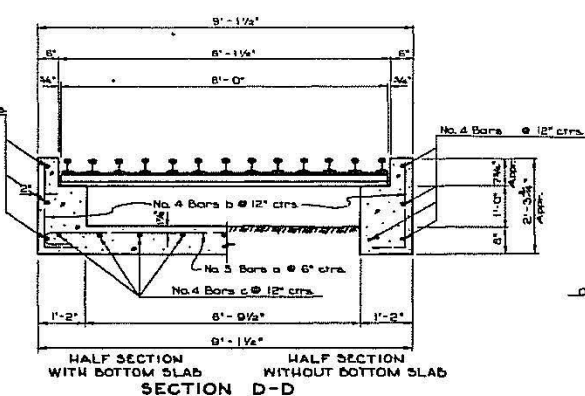
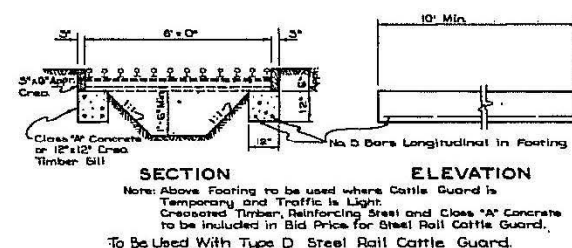
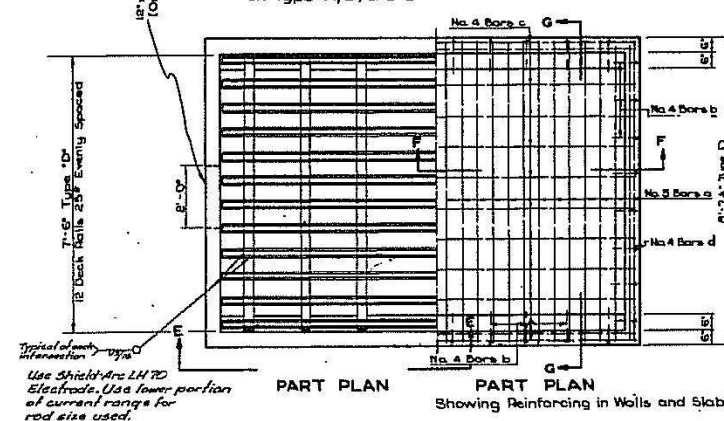
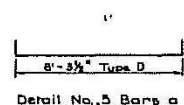
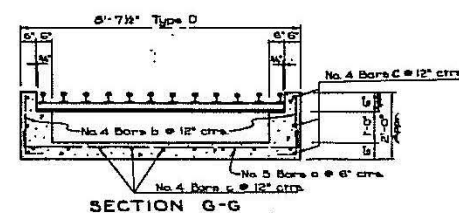
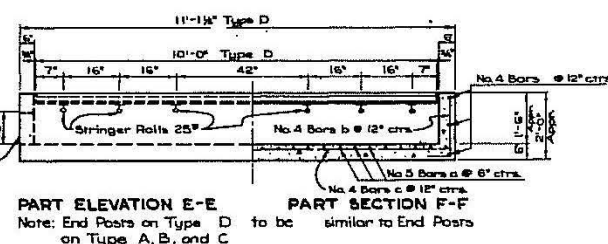
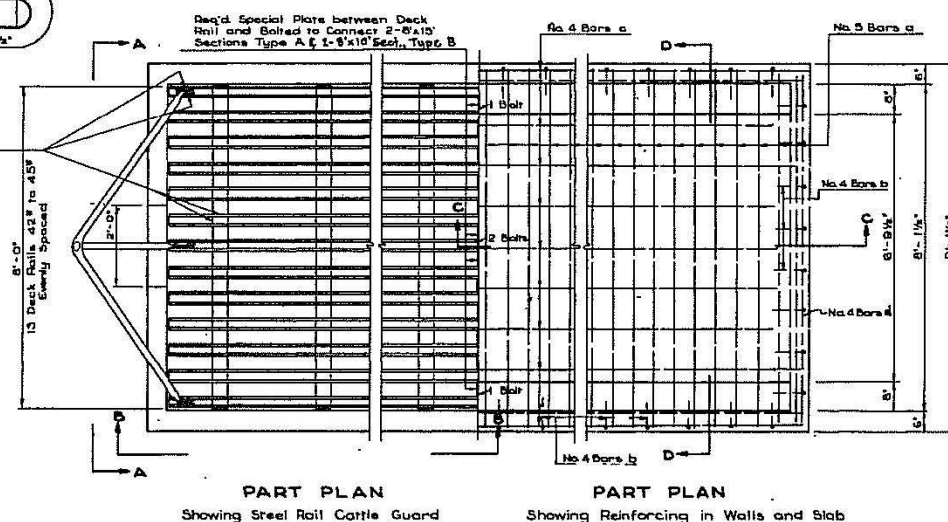
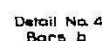
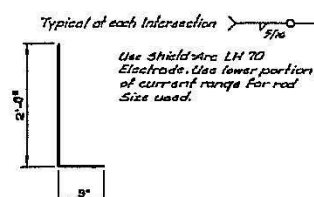
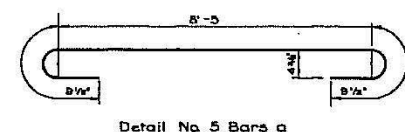
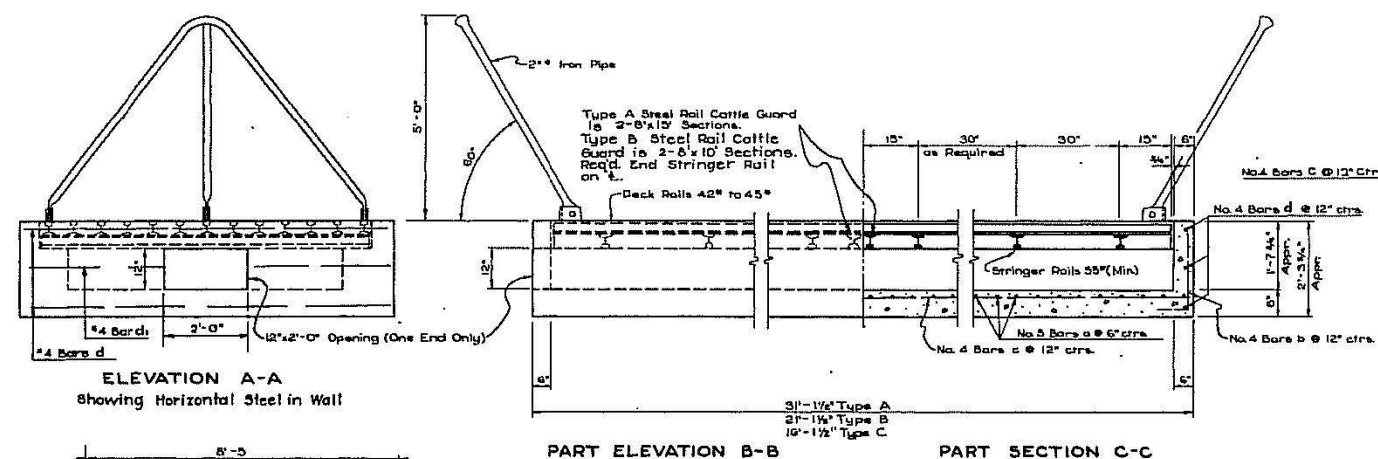


STEEL RAIL CATTLE QUARD		CONCRETE STRUCTURE	BILL OF MATERIAL										DEFORMED REINFORC. STEEL	FABRICATED CARBON STEEL	CLASS A CONCRETE
TYPE	DIMENSION		NO. 5 BARS d		NO. 4 BARS b		NO. 4 BARS c		NO. 4 BARS d		NO. 4 BARS d				
		OVERALL DIMENSION	NO.	FT. IN.	NO.	FT. IN.	NO.	FT. IN.	NO.	FT. IN.	NO.	FT. IN.			
A	8' x 30'	9'-1 1/2" x 51'-1 1/2"	62	10 - 0	74	2 - 9	15	80 - 10	5	8 - 10	2	3 - 3	1125	* 6239	10.66
B	8' x 20'	9'-1 1/2" x 21'-1 1/2"	42	10 - 0	54	2 - 9	15	20 - 10	5	8 - 10	2	3 - 3	780	* 5607	7.50
C	8' x 15'	9'-1 1/2" x 16'-1 1/2"	32	10 - 0	44	2 - 9	15	15 - 10	5	8 - 10	2	3 - 3	607	* 3849	5.82
D	7'-6" x 10'	8'-1 1/2" x 11'-1 1/2"	22	9 - 8 1/2	34	2 - 5	15	10 - 10	5	8 - 4	2	3 - 0	408 -	1375	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 Rs. Fastenings, Bolts, Welds, etc.

