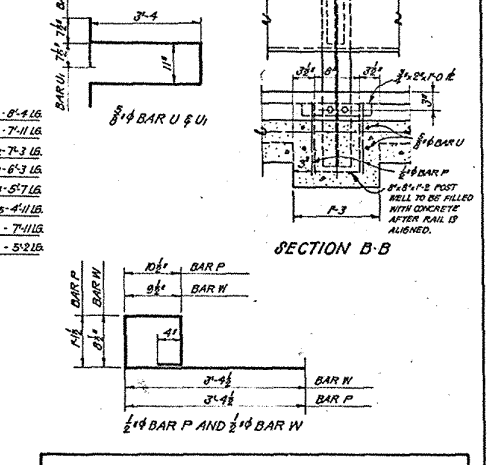
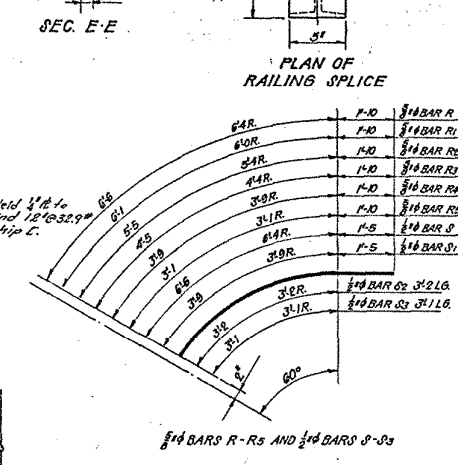
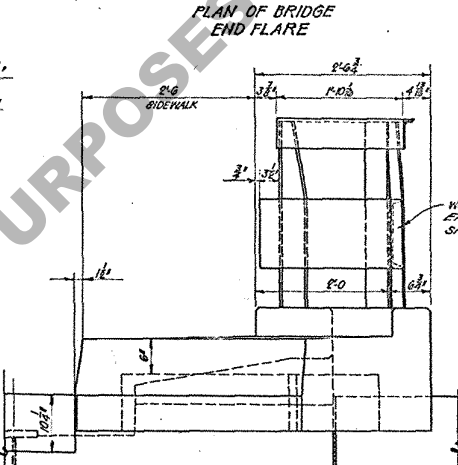
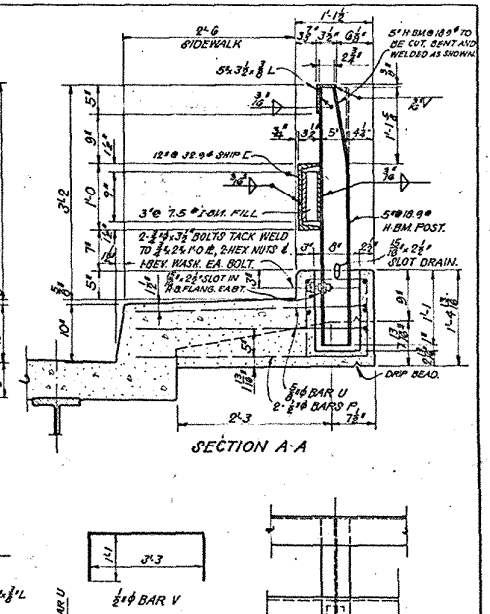
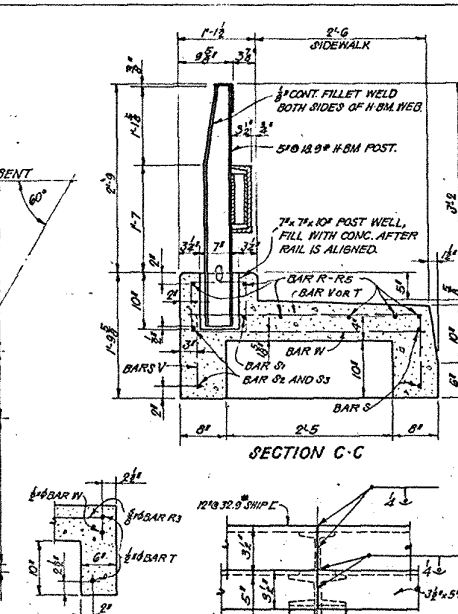
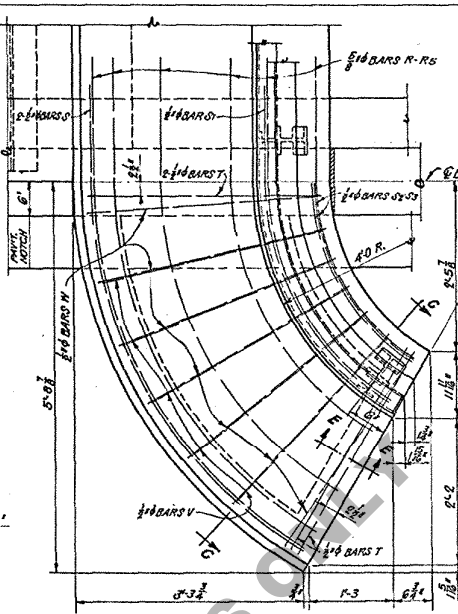
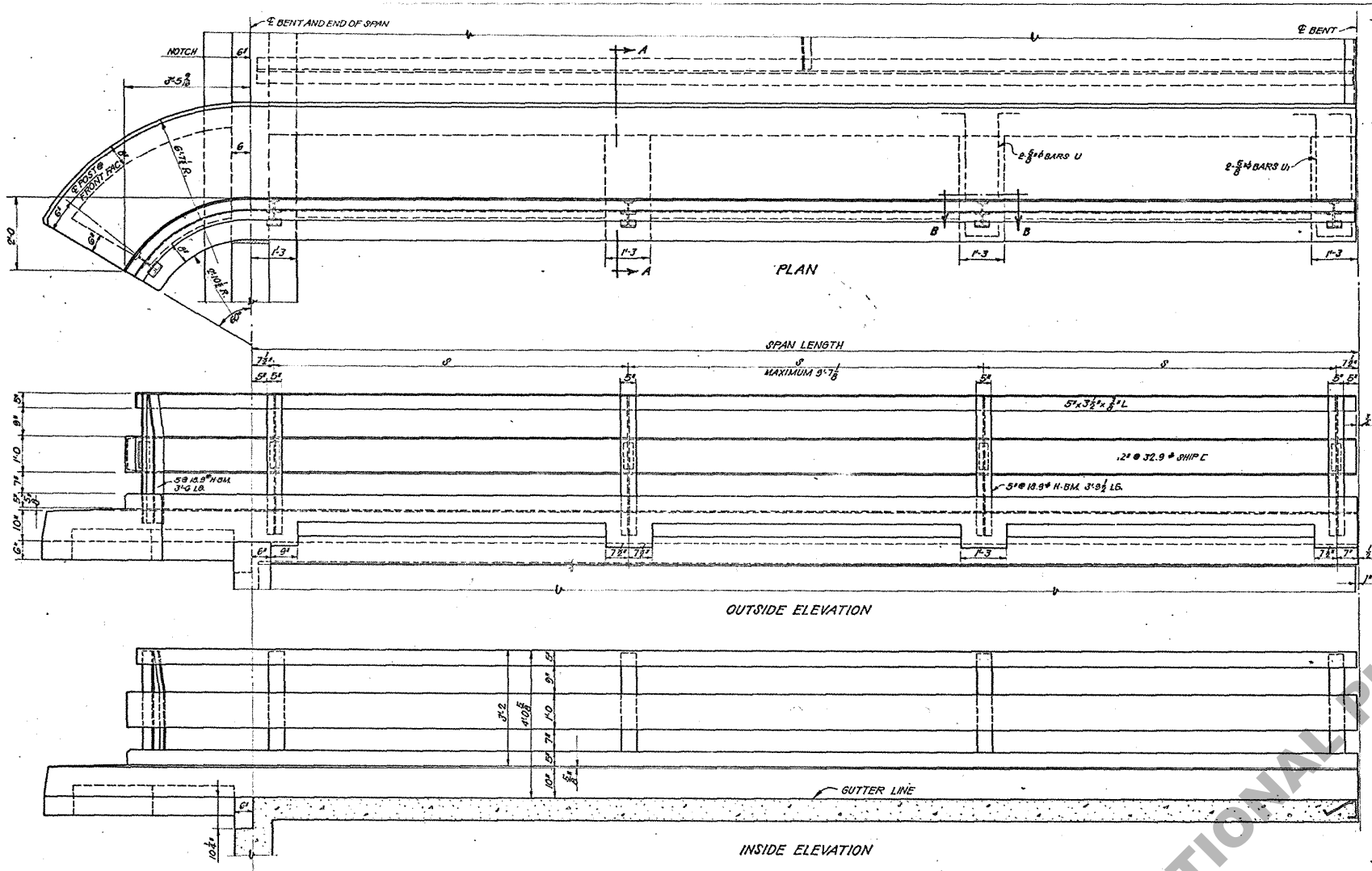




QUANTITIES FOR STD. PLAN C-C.									
(TYP. SPANS)									
SPAN LENGTH	NO. POSTS	S	END SPAN			INTERMEDIATE SPAN			
			REIN. STEEL LBS.	CLASS CONC. CU YD.	MASS CAR. STEEL LBS.	REIN. STEEL LBS.	CLASS CONC. CU YD.	MASS CAR. STEEL LBS.	
16	3	7'-4"	395	1.45	2389	165	31	1891	
18	3	8'-4"	395	1.45	2562	165	31	2064	
20	3	9'-4"	395	1.45	2735	165	31	2237	
22	4	6'-11"	450	1.57	3080	220	41	2582	
24	4	7'-7"	450	1.57	3254	220	41	2756	
26	4	8'-3"	450	1.57	3427	220	41	2929	
28	4	8'-11"	450	1.57	3600	220	41	3102	
30	4	9'-7"	450	1.57	3773	220	41	3275	
32	5	7'-8"	506	1.66	4118	276	52	3620	
34	5	8'-2"	506	1.66	4292	276	52	3794	
36	5	8'-8"	506	1.66	4465	276	52	3967	
38	5	8'-10"	506	1.66	4638	276	52	4140	
40	6	7'-9"	561	1.77	4793	331	63	4485	
42	6	8'-11"	561	1.77	5156	331	63	4858	
44	6	8'-6"	561	1.77	5330	331	63	5032	
46	6	8'-10"	561	1.77	5503	331	63	5205	
48	6	9'-4"	561	1.77	5676	331	63	5378	
50	7	8'-11"	616	1.87	6021	386	73	5523	
52	7	8'-6"	616	1.87	6194	386	73	5696	
54	7	8'-10"	616	1.87	6368	386	73	5870	
56	7	9'-11"	616	1.87	6541	386	73	6043	
58	7	9'-6"	616	1.87	6714	386	73	6216	
60	8	8'-4"	671	1.98	7059	441	84	6561	
62	8	8'-8"	671	1.98	7232	441	84	6734	
64	8	8'-11"	671	1.98	7405	441	84	6908	
66	8	9'-3"	671	1.98	7578	441	84	7081	
68	8	9'-6"	671	1.98	7752	441	84	7254	
70	9	8'-7"	726	2.08	8097	496	94	7599	
72	9	8'-10"	726	2.08	8270	496	94	7772	
74	9	9'-11"	726	2.08	8444	496	94	7946	
76	9	9'-4"	726	2.08	8617	496	94	8119	
78	9	9'-10"	726	2.08	8790	496	94	8292	
80	10	8'-9"	781	2.18	9135	551	105	8637	

BILL OF MATERIAL FOR ONE BRIDGE END FLARE									
BAR NO.	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR NO.	SIZE	UNIT LENGTH	TOTAL LENGTH		
R	1	8'-4"	8'-4"	S	2	7'-11"	15'-10"		
R1	1	7'-11"	7'-11"	S1	1	5'-2"	5'-2"		
R2	1	7'-3"	7'-3"	S2	1	3'-2"	3'-2"		
R3	1	6'-3"	6'-3"	S3	1	3'-1"	3'-1"		
R4	1	5'-7"	5'-7"	S4	4	3'-5"	13'-8"		
R5	1	4'-11"	4'-11"	V	5	5'-5"	27'-1"		
				W	7	5'-11"	41'-5"		
TOTAL #10 BARS 40'-3" = 42 LBS.				TOTAL #10 BARS 109'-5" = 73 LBS.					
TOTAL REINFORCING STEEL				115 LBS.					
TOTAL CLASS 40 CONCRETE				59 CUYD.					
TOTAL FABRICATED CARBON STEEL				249 LBS.					

GENERAL NOTES:
CONSTRUCTION SPECS: LATEST APPROVED LA HWY DEPT. STD. SPECS.
DESIGN SPECIFICATIONS: A.A.S.H.O. 1941.
ALL CONCRETE TO BE CLASS 40.
ALL STRUCTURAL STEEL TO BE FABRICATED CARBON.
DIMENSIONS TO REINFORCING STEEL ARE TO BAR CENTERS.
EXPOSED CONCRETE CORNERS TO HAVE 1" CHAMFER.
NO PAINT WILL BE REQUIRED ON PORTION OF POSTS IMBEDDED IN CONCRETE.
POST WELLS TO BE FILLED WITH CONCRETE AFTER RAIL IS ALIGNED.
RAILING SPLICE NOT PERMITTED IN SPANS 50' AND LESS IN LENGTH.
WELDING SPECIFICATION: IN ACCORDANCE WITH AMERICAN WELDING SOCIETY FOR WELDED HIGHWAY & RAILWAY BRIDGES.

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED BY: [Signature] CHECKED BY: [Signature] TRACED BY: [Signature]
DATE: [Date] DESCRIPTION: [Description] BY: [Signature]
IN CHARGE OF: [Signature] HEAD BRIDGE DRAFTSMAN