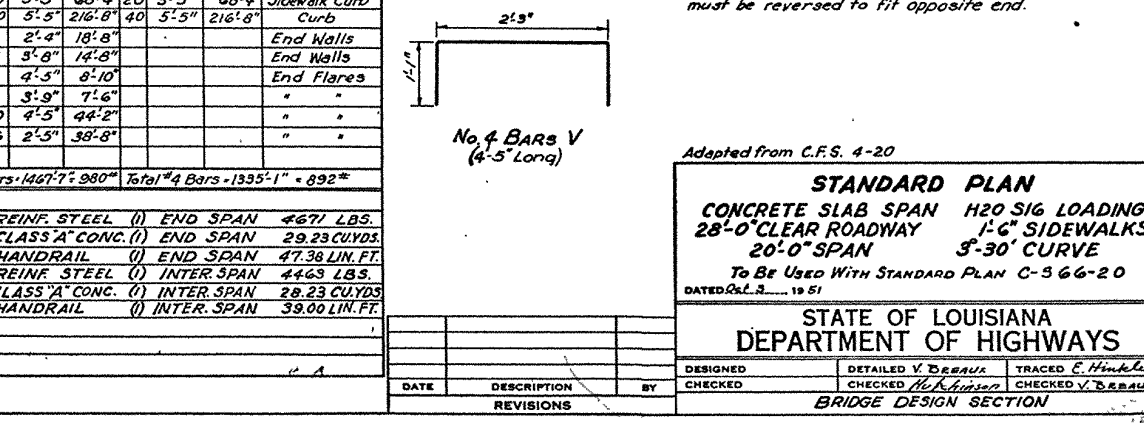
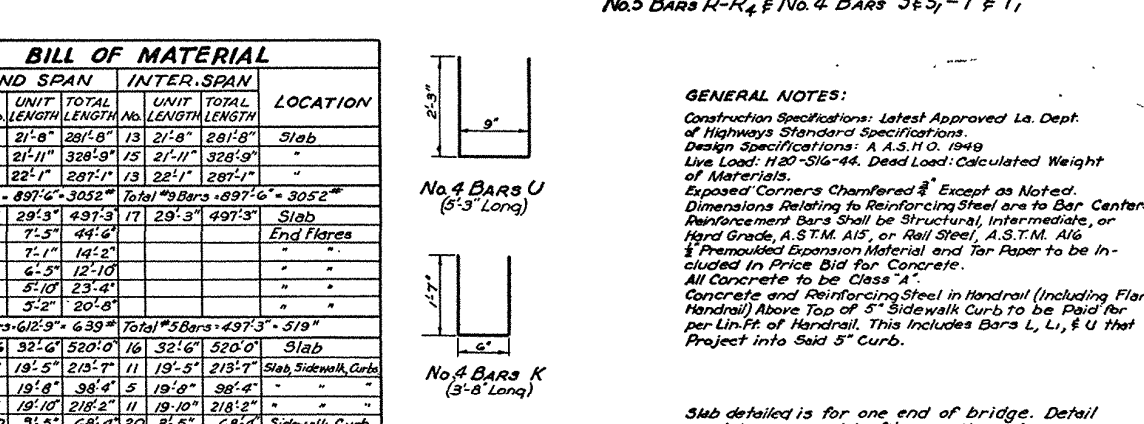
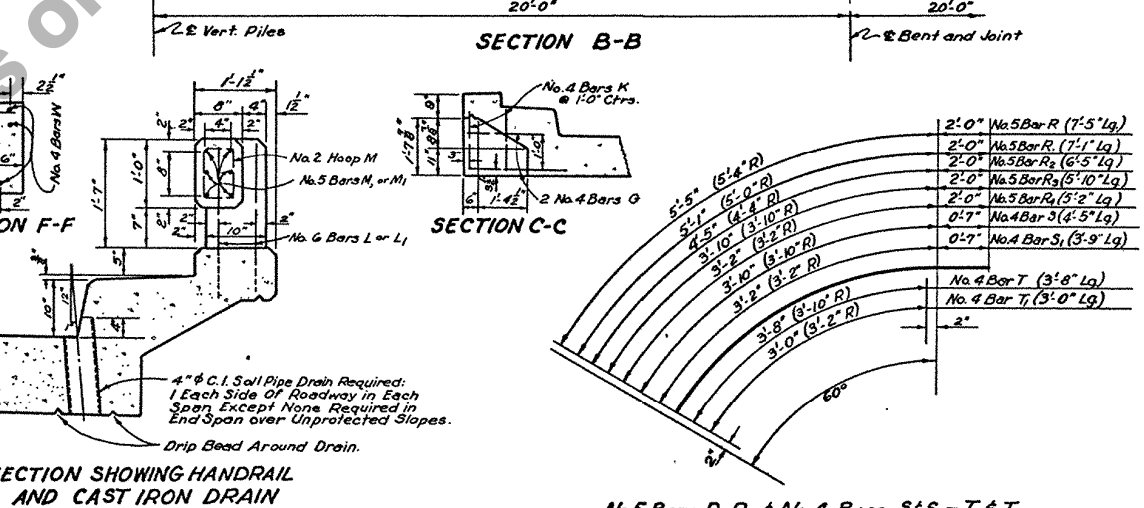
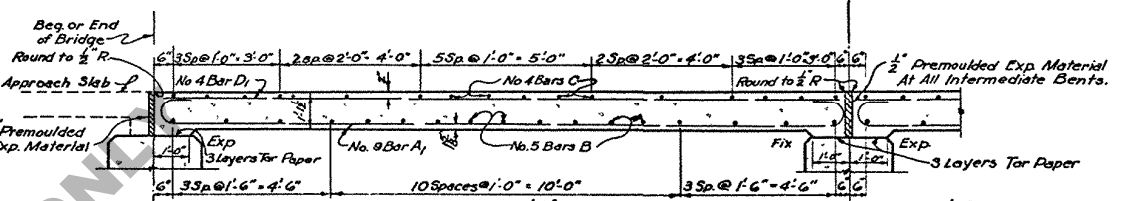
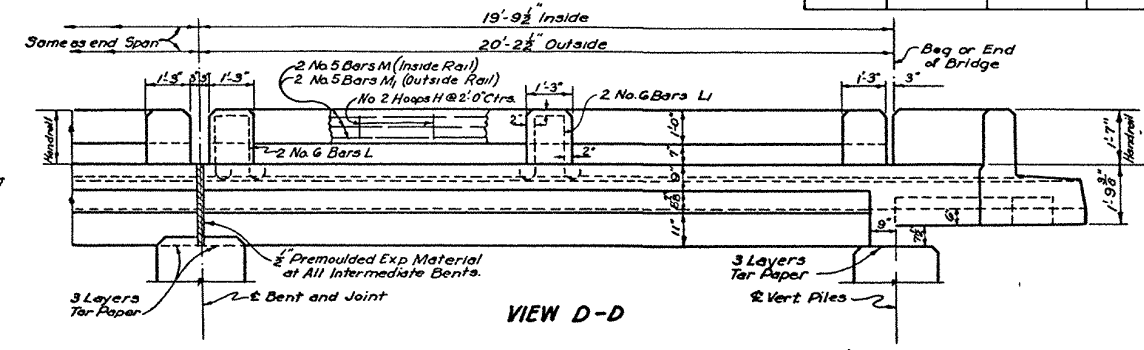
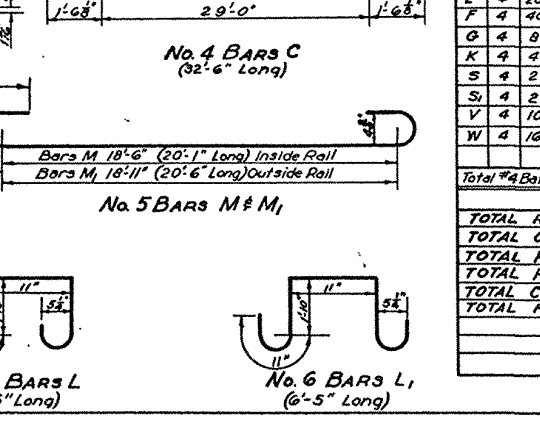
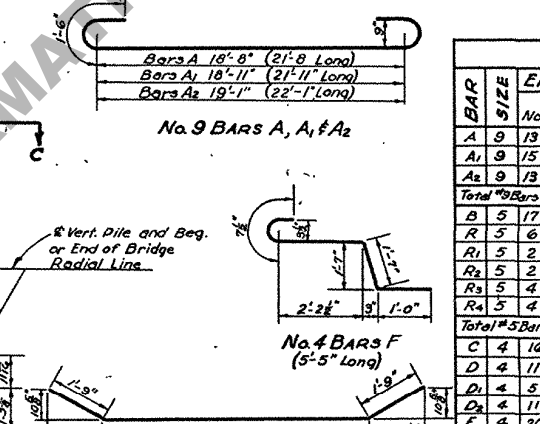
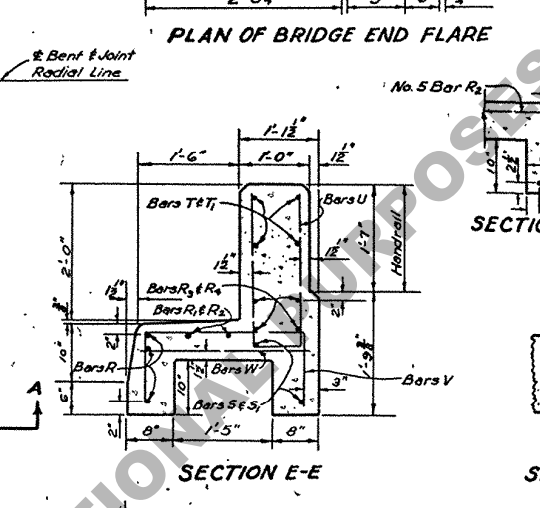
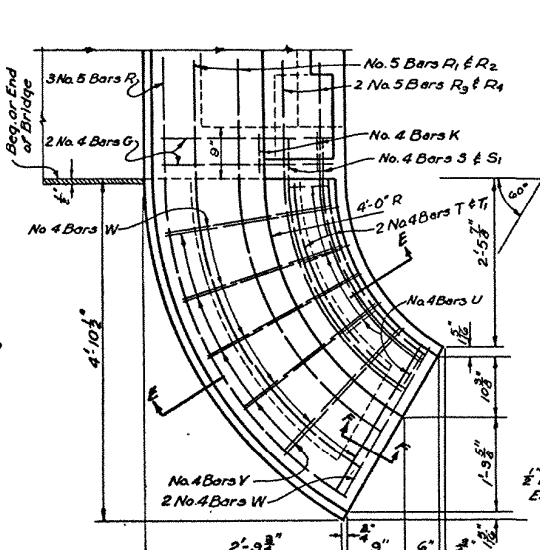
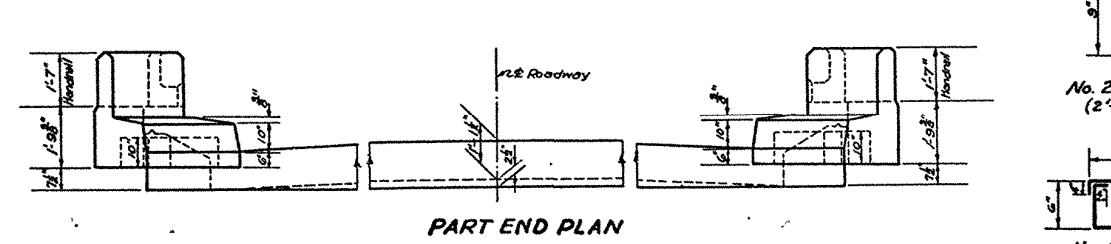
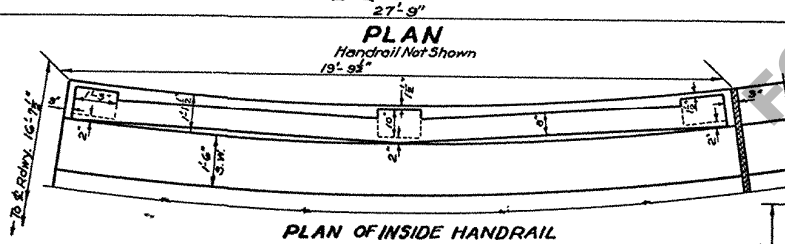
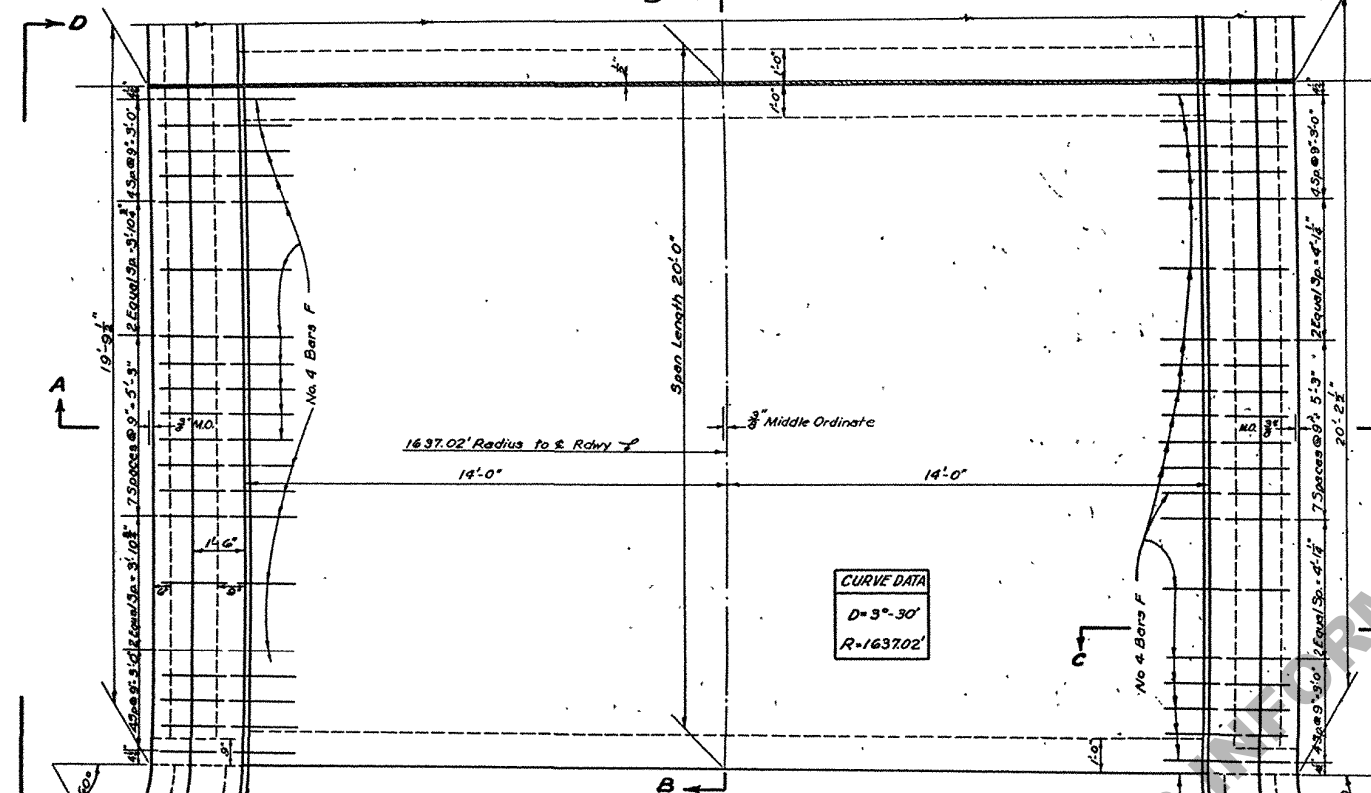
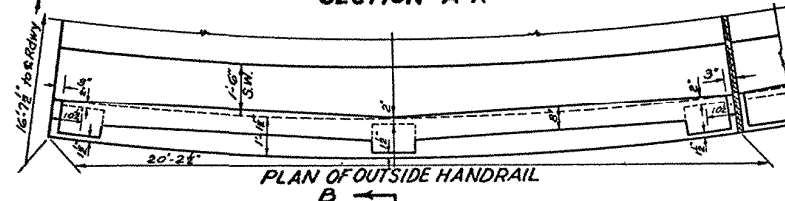
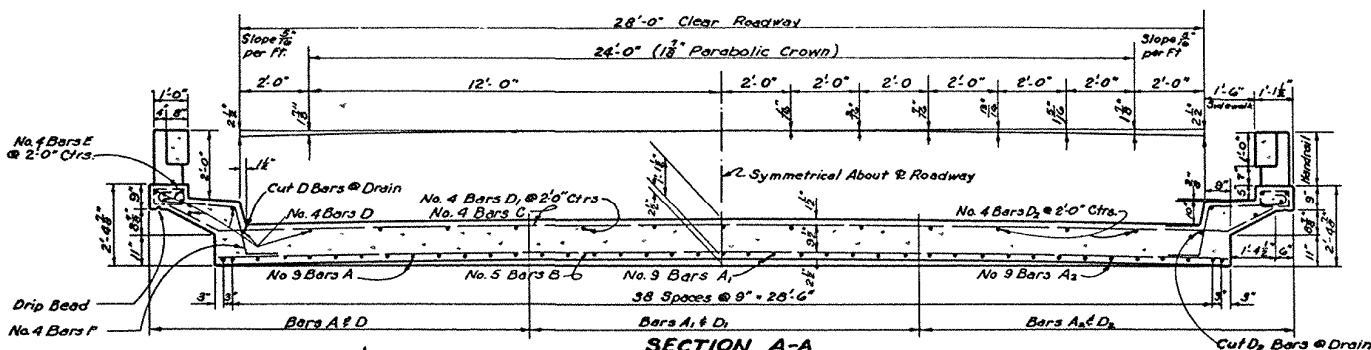
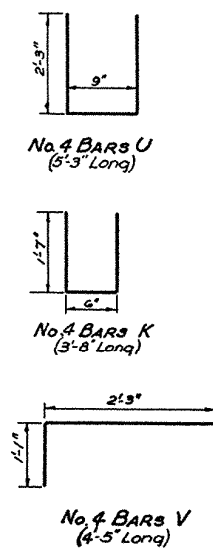




BILL OF MATERIAL									
BAR	SIZE	END SPAN	INTER SPAN	LOCATION	UNIT	TOTAL	UNIT	TOTAL	LOCATION
A	9	13	21'-8"	281'-8"	13	21'-8"	281'-8"	13	Slab
A1	9	15	21'-11"	328'-9"	15	21'-11"	328'-9"	15	"
A2	9	13	22'-1"	287'-1"	13	22'-1"	287'-1"	13	"
Total #9 Bars		897'-6"		3052'	Total #9 Bars		897'-6"		3052'
B	5	17	29'-3"	497'-3"	17	29'-3"	497'-3"	17	Slab
R	5	6	7'-5"	44'-6"	6	7'-5"	44'-6"	6	End Flares
R1	5	2	7'-1"	14'-2"	2	7'-1"	14'-2"	2	"
R2	5	2	6'-5"	12'-10"	2	6'-5"	12'-10"	2	"
R3	5	4	5'-10"	23'-4"	4	5'-10"	23'-4"	4	"
R4	5	4	5'-2"	20'-8"	4	5'-2"	20'-8"	4	"
Total #5 Bars		612'-9"		639'	Total #5 Bars		612'-9"		639'
C	4	16	32'-6"	520'-0"	16	32'-6"	520'-0"	16	Slab
D	4	11	19'-5"	213'-7"	11	19'-5"	213'-7"	11	Slab, Sidewalk, Curb
D1	4	5	19'-8"	98'-4"	5	19'-8"	98'-4"	5	"
D2	4	11	19'-10"	218'-2"	11	19'-10"	218'-2"	11	"
E	4	20	3'-5"	68'-4"	20	3'-5"	68'-4"	20	Sidewalk Curb
F	4	40	5'-5"	216'-8"	40	5'-5"	216'-8"	40	Curb
G	4	9	2'-4"	18'-8"	9	2'-4"	18'-8"	9	End Walls
K	4	4	5'-8"	14'-8"	4	5'-8"	14'-8"	4	End Walls
S	4	2	4'-5"	8'-10"	2	4'-5"	8'-10"	2	End Flares
S1	4	2	3'-9"	7'-6"	2	3'-9"	7'-6"	2	"
V	4	10	4'-5"	44'-2"	10	4'-5"	44'-2"	10	"
W	4	16	2'-5"	38'-8"	16	2'-5"	38'-8"	16	"
Total #4 Bars		1467'-7"		980'	Total #4 Bars		1467'-7"		980'
TOTAL REINF. STEEL (1)		END SPAN		4671 LBS.	TOTAL CLASS A CONC. (1)		END SPAN		29.23 CUYD.
TOTAL CLASS A CONC. (1)		END SPAN		29.23 CUYD.	TOTAL HANDRAIL (1)		END SPAN		47.38 LIN. FT.
TOTAL REINF. STEEL (1)		INTER SPAN		4463 LBS.	TOTAL CLASS A CONC. (1)		INTER SPAN		28.23 CUYD.
TOTAL CLASS A CONC. (1)		INTER SPAN		28.23 CUYD.	TOTAL HANDRAIL (1)		INTER SPAN		39.00 LIN. FT.



GENERAL NOTES:
 Construction Specifications: Latest Approved La. Dept. of Highways Standard Specifications.
 Design Specifications: A.A.S.H.O. 1949
 Live Load: H20-S16-44. Dead Load: Calculated Weight of Materials.
 Exposed Corners Chamfered 1/4" Except as Noted.
 Dimensions Relating to Reinforcing Steel are to Bar Centers.
 Reinforcement Bars Shall be Structural, Intermediate, or Hard Grade, A.S.T.M. A15, or Rail Steel, A.S.T.M. A16.
 1/2" Premoulded Expansion Material and Tar Paper to be Included in Price Bid for Concrete.
 All Concrete to be Class "A".
 Concrete and Reinforcing Steel in Handrail (Including Flare Handrail) Above Top of 5" Sidewalk Curb to be Paid for per Lin.Ft. of Handrail. This Includes Bars L, Li, & U that Project into Said 5" Curb.

Sub detailed is for one end of bridge. Detail must be reversed to fit opposite end.

Adapted from C.F.S. 4-20		
STANDARD PLAN		
CONCRETE SLAB SPAN	H20 S16 LOADING	
28'-0" CLEAR ROADWAY	1'-6" SIDEWALKS	
20'-0" SPAN	3'-30" CURVE	
To Be Used With STANDARD PLAN C-3 66-20		
DATED Oct. 3, 1951		
STATE OF LOUISIANA		
DEPARTMENT OF HIGHWAYS		
DESIGNED	DETAILED V. DRAUX	TRACED E. Hinkley
CHECKED	CHECKED R. Hinkley	CHECKED V. DRAUX
BRIDGE DESIGN SECTION		