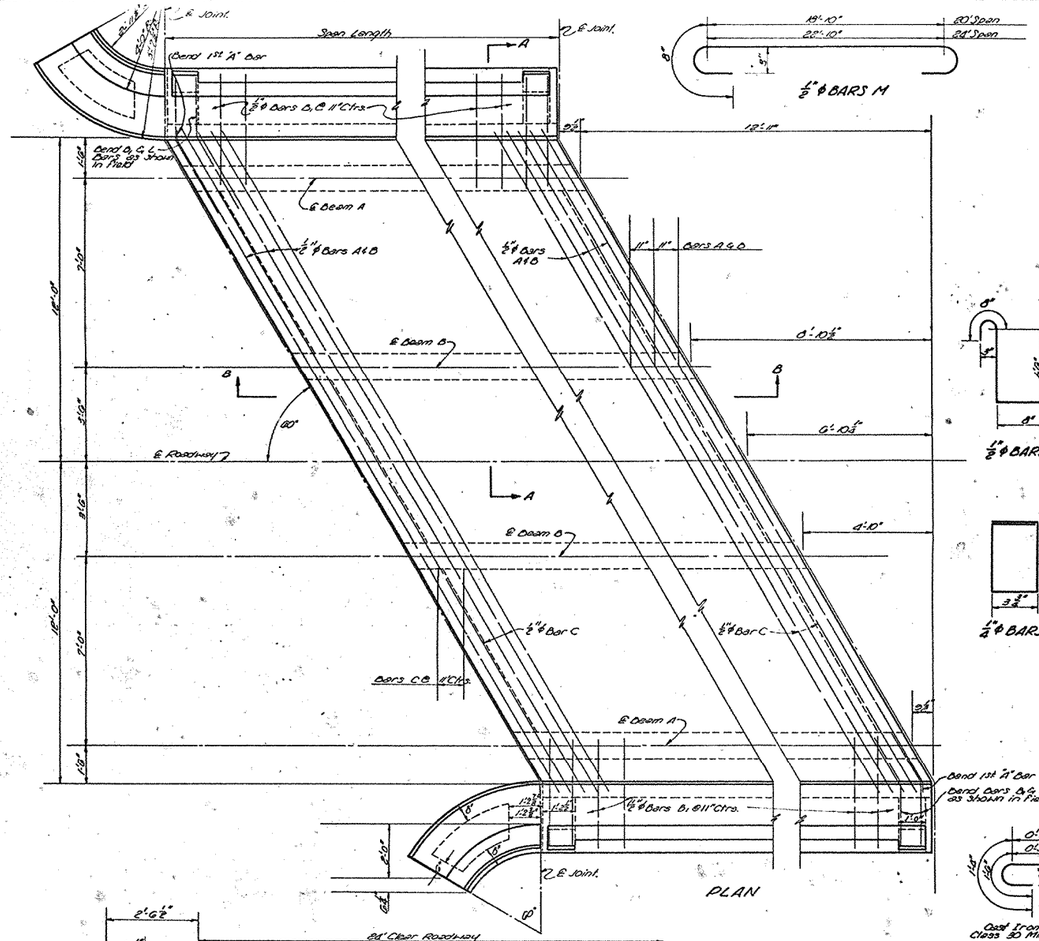
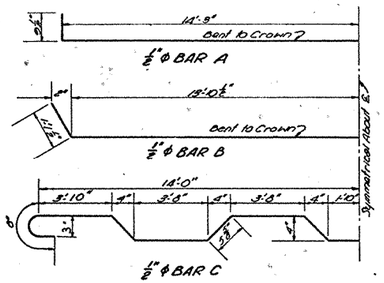
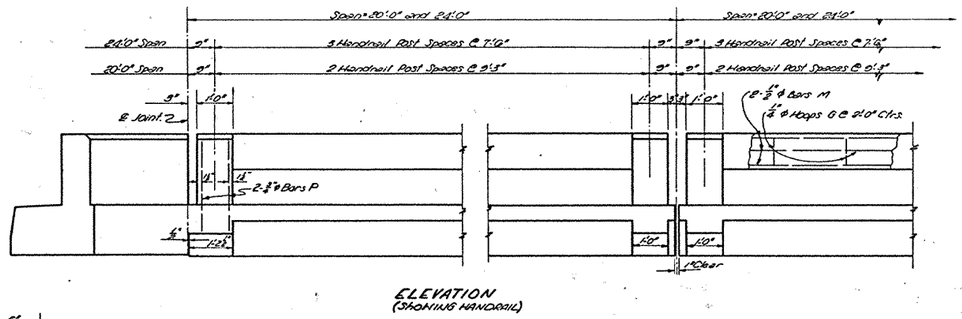
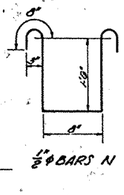
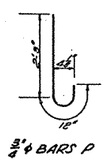


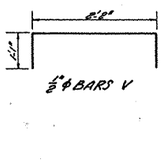


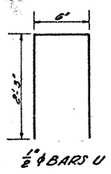


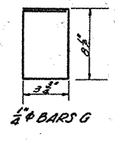
ELEVATION
(SHOWING HANDRAIL)

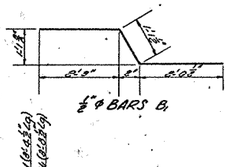


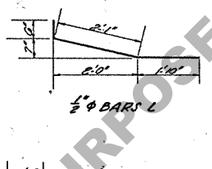


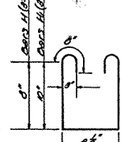


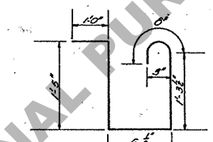


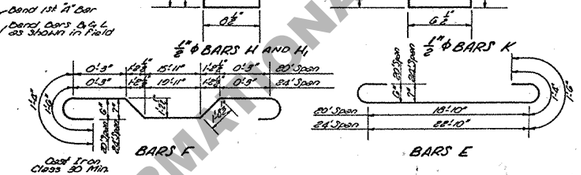


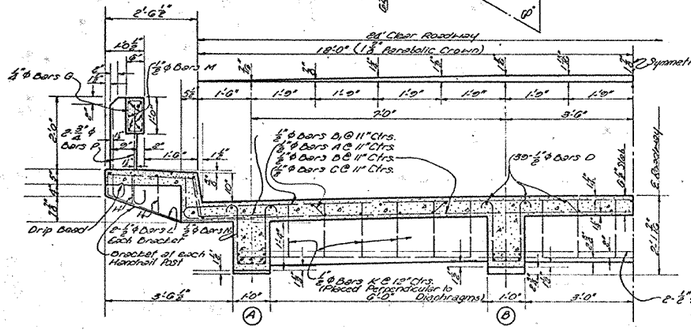


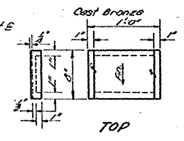


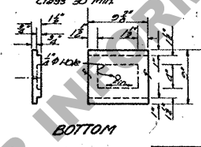


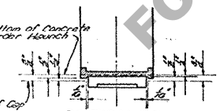


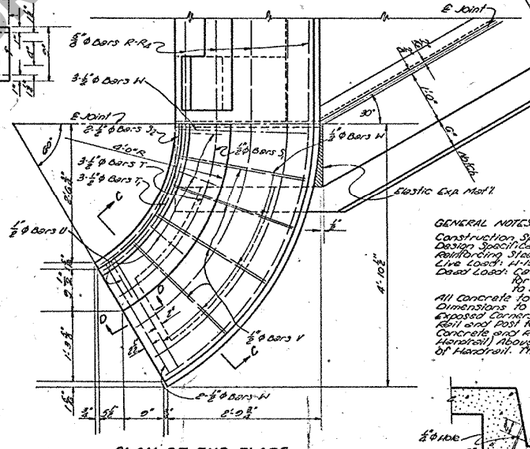


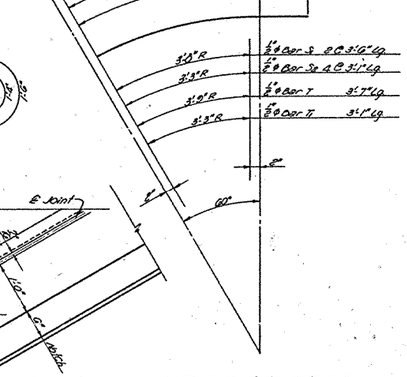


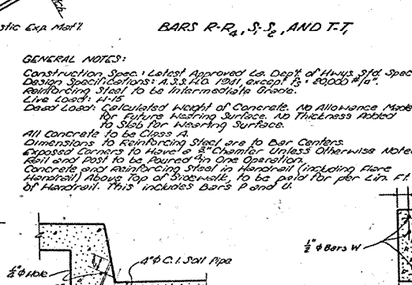




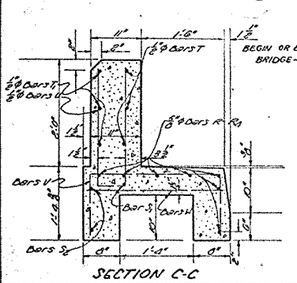


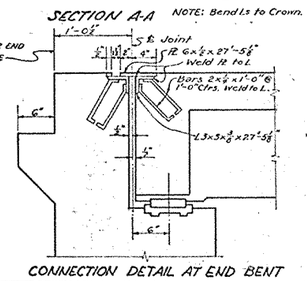


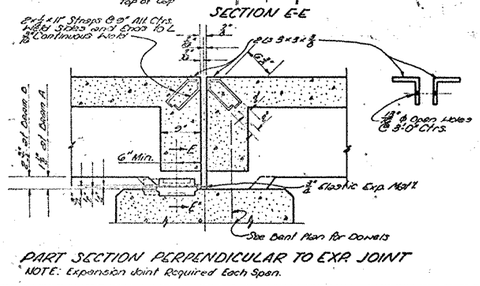


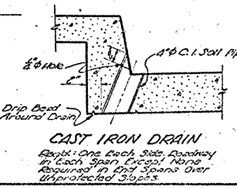


SECTION B-B
(REINFORCING IS SAME FOR ALL BEAMS)









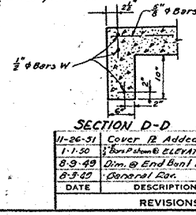
GENERAL NOTES:

Construction Spec.: Latest Approved La. Dept. of Hwys. Std. Specs.
Design Specifications: A.S.S.H.O. 1941, except f'c = 2000 lb/in².
Reinforcing Steel: To be Intermediate Grade.
Live Load: H-15
Dead Load: Calculated Weight of Concrete. No Allowance Made for Future Wearing Surface. No Thickness Added to Slab for Wearing Surface.

All Concrete: To be Class A.
Dimensions to Reinforcing Steel are to Bar Centers.
Exposed Corners to have ¾" Chamfer, Unless Otherwise Noted.
Keyed and Roof to be Poured in One Operation.
Concrete and Reinforcing Steel in Handrail (including Flare Handrail) Above Top of Brickwalk: To be Paid for per Lin. Ft. of Handrail. This Includes Bars P and U.

BILL OF MATERIAL

BAR	LOCATION	20 FT. SPAN NO.	SIZE	UNIT LENGTH	TOTAL LENGTH	24 FT. SPAN NO.	SIZE	UNIT LENGTH	TOTAL LENGTH
A	Slab	22	½"ϕ	30'-1"	661'-10"	88	½"ϕ	30'-1"	2648'-8"
B	Slab	22	½"ϕ	30'-0"	660'-0"	22	½"ϕ	30'-0"	780'-0"
B1	Sidewalk	44	½"ϕ	5'-3"	231'-0"	52	½"ϕ	5'-5"	281'-8"
C	Slab	81	½"ϕ	30'-1⅞"	2433'-03"	25	½"ϕ	30'-1⅞"	753'-7⅞"
D	Slab	39	½"ϕ	15'-3"	707'-0"	38	½"ϕ	23'-5"	889'-0"
HH	Bracket	4Each	½"ϕ	See Detail	40'-6"	4Each	½"ϕ	See Detail	54'-0"
J	Diaphragm	8	½"ϕ	25'-1"	200'-8"	8	½"ϕ	25'-1"	200'-8"
K	Diaphragm	48	½"ϕ	4'-1"	200'-6"	48	½"ϕ	4'-1"	200'-6"
L	Bracket	18	½"ϕ	4'-5"	53'-0"	18	½"ϕ	4'-5"	70'-3"
N	Beams	98	⅝"ϕ	5'-0"	1020'-0"	138	⅝"ϕ	5'-0"	660'-0"
S-S1	Flare End Span	See Detail	½"ϕ	See Detail	19'-4"	See Detail	½"ϕ	See Detail	19'-4"
V	Flare End Span	8	½"ϕ	4'-4"	34'-8"	8	½"ϕ	4'-4"	34'-8"
N	Flare End Span	20	⅝"ϕ	5'-1"	42'-0"	20	⅝"ϕ	2'-1"	42'-0"
TOTAL ½" ϕ BARS		END SPAN: 4021'-6½" = 2686 lbs. INT. SPAN: 3520'-0½" = 2613 lbs.				END SPAN: 4812'-11½" = 3215 lbs. INT. SPAN: 4712'-3½" = 3148 lbs.			
R-R4	Flare End Span	See Detail	⅝"ϕ	See Detail	93'-4"	See Detail	⅝"ϕ	See Detail	93'-4"
TOTAL ⅝" ϕ BARS END SPAN ONLY		93'-4" = 97 Lbs.				93'-4" = 97 Lbs.			
E	Beams	12	1"ϕ	81'-0"	972'-0"	12	1¼"ϕ	85'-10"	1030'-0"
F	Beams	8	1"ϕ	82'-6"	660'-0"	8	1¼"ϕ	88'-10"	710'-8"
TOTALS END OF UNIT SPANS		1"ϕ Bars = 1632'-0" = 1699 Lbs.				1¼"ϕ Bars = 1740'-8" = 2852 Lbs.			
CLASS "A" CONCRETE (CU. YDS.)		END SPAN = 10.49 INT. SPAN = 12.54				END SPAN = 81.28 INT. SPAN = 20.81			
REINFORCING STEEL (LBS.)		END SPAN = 4272 INT. SPAN = 4108				END SPAN = 5570 INT. SPAN = 5406			
HANDRAIL (LIN. FT.)		END SPAN = 47.98 INT. SPAN = 39.00				END SPAN = 55.98 INT. SPAN = 47.00			
R&B CAR STEEL (LBS.)		END SPAN = 1002 INT. SPAN = 782				END SPAN = 1002 INT. SPAN = 782			



DATE	DESCRIPTION	BY
11-26-31	Cover R Added	Loup/E.C.
1-1-50	Non Plumb ℄ ELEVATION	A.G.H.G.
8-3-49	Dim. @ End Bent Wall	H.O.H.G.
8-5-55	General Rev.	A.W.D.J.

REVISIONS

STANDARD PLAN
RC DECK GIRDER ~ H-15 LOADING
24'-0" CLEAR ROADWAY 1'-6" SIDEWALKS
80'-0" AND 84'-0" SPANS
10" CURBS 60° SKEW
TO BE USED WITH STD. PLAN C.S. 737-15
DATED Mar-Ch., 1935

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED Herbst	DETAILED Herbst	TRACED M. Moncrief
CHECKED Hutchinson	CHECKED Hutchinson	CHECKED Hutchinson

DESIGN SECTION

C-G-81-15

FOR INFORMATIONAL PURPOSES ONLY