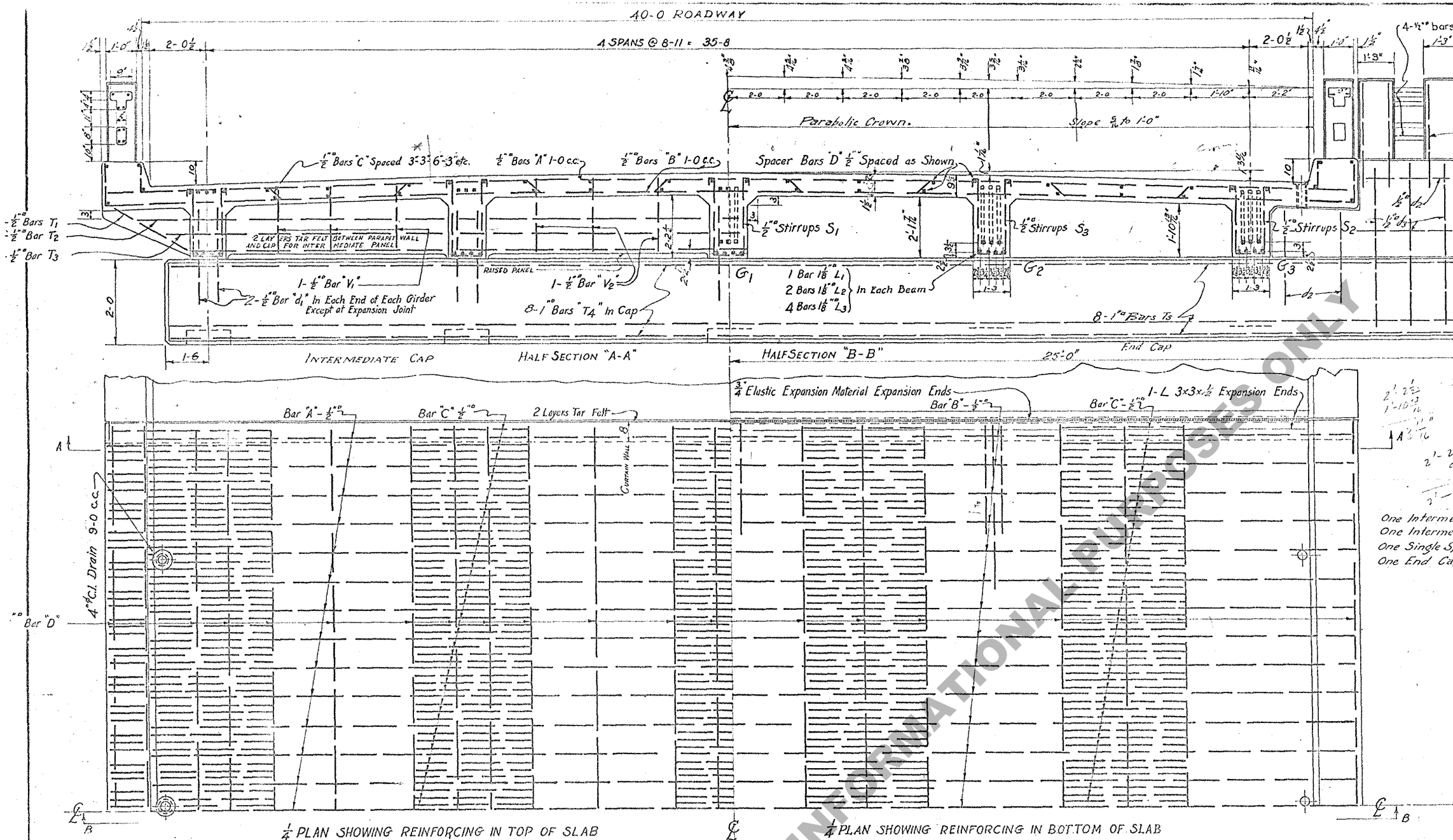




REINFORCING STEEL FOR ONE SPAN AND ONE CAP

MARK	NO.	SIZE	WT. PER FOOT	Length FEET	Total Length FEET IN.	LOCATION
A	27	1/2"	.85	42	0 1134 0	Transverse in Top Slab
B	27	1/2"	.85	45	2 1215 6	" " " " "
C	80	1/2"	.85	44	1 3526 8	" " " " "
D	12	1/2"	.85	26	8 1120 0	Longitudinal in Slab
L	5	1/2"	.85	30	4 151 8	Bent up in Girders
L	10	1/2"	.85	30	4 303 4	" " " " "
L	20	1/2"	.85	29	5 589 4	Girders
R	64	1/2"	.85	5	5 346 8	Rails
R	40	1/2"	.85	4	6 180 0	Rail Post

T ₁	4	1/2"	.85	43	6 174 0	In Parapet Wall
T ₂	2	1/2"	.85	38	3 76 6	" " " "
T ₃	2	1/2"	.85	37	3 74 6	" " " "
T ₄	8	1/2"	.85	39	3 306 0	In Cap
T ₅	8	1/2"	.85	49	6 396 0	Dowels in Cap
V ₁	12	5/8"	.85	2	4 28 0	In Parapet Wall
V ₂	12	5/8"	.85	2	6 30 0	" " " "
S ₁	38	1/2"	.85	7	288 2	In G ₁ & G ₂
S ₂	76	1/2"	.85	7	0 532 0	In G ₃
d ₁	20	1/2"	.85	2	8 53 4	Each Cap
d ₂	6	1/2"	.85	3	0 18 0	End Cap
d ₃	8	1/2"	.85	5	9 46 0	" " " "
R ₁	16	1/2"	.85	1	4 21 4	End Cap Rails
R ₂	16	1/2"	.85	4	6 72 0	" " " "
S ₃	76	1/2"	.85	7	5 563 8	" " " "

SUMMARY OF QUANTITIES

	CONCRETE CU. YDS.	REINFORCING STEEL POUNDS	CLASS A CONCRETE CU. YDS.
One Intermediate Span	54.65	12431	
One Intermediate Cap		1040	6.466
One Single Span Complete	55.67	12442	
One End Cap Complete	.65	1462	10.340

GENERAL NOTES:-

Specifications La. Highway Comm. 1929 to Govern except as follows:-
WORKING STRESSES IN CONCRETE ACCORDING TO THE FINAL REPORT OF THE JOINT COMMITTEE OF 1924
DESIGN LOADS - 15 TON TRUCKS + 30% IMPACT OR 80"
CLASS A-A CONCRETE FOR GIRDERS & PILES.
CLASS A " " CAPS
CLASS A-A " " TO HAVE MINN. STRENGTH AT 28 DAYS OF 3000"
TENSILE STRESS IN STEEL - 18000" SQ. IN.
ALL DIMENSIONS RELATING TO REINFORCEMENT ARE TO BAR CENTERS.
GIRDERS, SLAB AND CURBS ARE TO BE POURED MONOLITHIC.
ALL EXPOSED CORNERS, UNLESS NOTED TO BE CHAMFERED 1/4"
NEITHER THE AREA OCCUPIED BY REINFORCING STEEL NOR CHAMFERS HAVE BEEN SUBTRACTED IN FIGURING THE QUANTITY OF CONCRETE.
ALL EXPOSED CONCRETE TO HAVE "RUBBED" FINISH.
Bronze and Brass is to be paid for as Structural Steel

STANDARD PLAN

DETAILS OF CONCRETE DECK GIRDER SPAN

27'-0" SPAN 40'-0" ROADWAY
LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.

Scale 1/2" = 1'-0"

December 1929

Revised: Dec. 3, 1931. By E.F.K.
Bolts at Expansion Joints
Thickness of Cast Bronze 1/2"

Revised June 25, 1931 by L.D.B.
Double Posts at Bents
Added Stirrups S₂ - 8-1-31

BAR BENDING DIAGRAM

