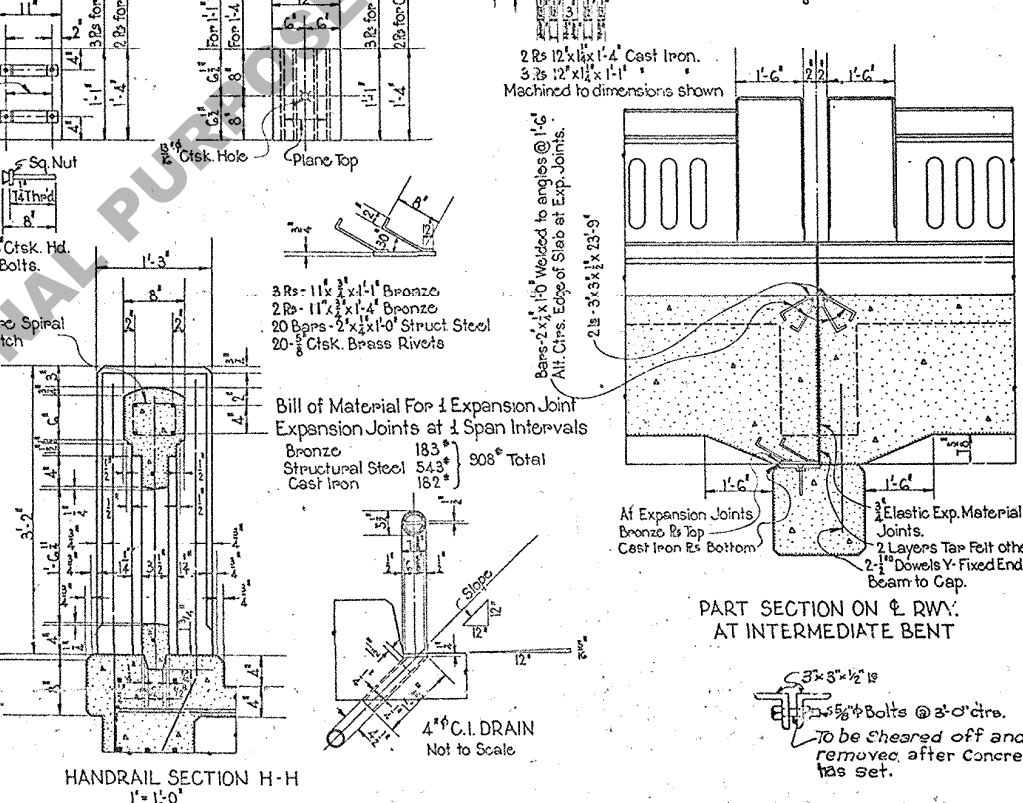
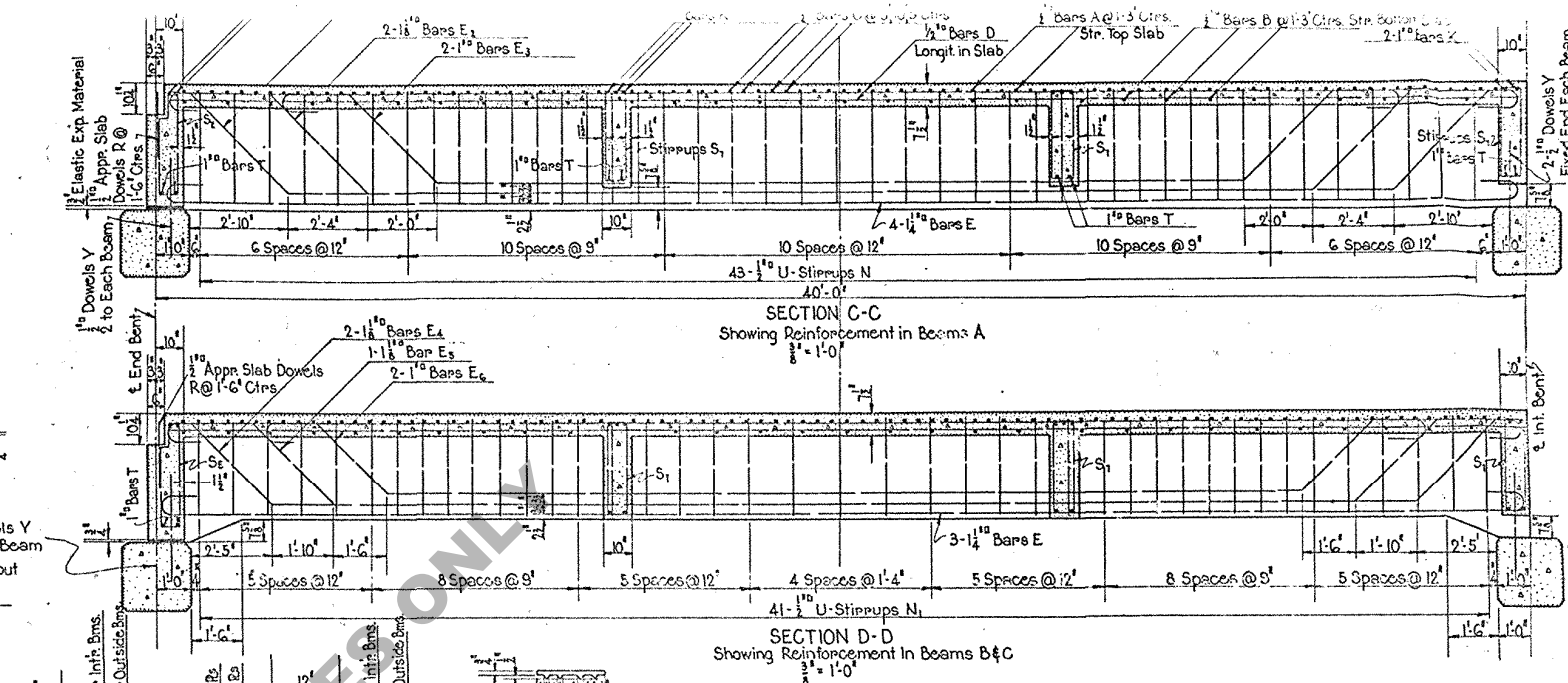
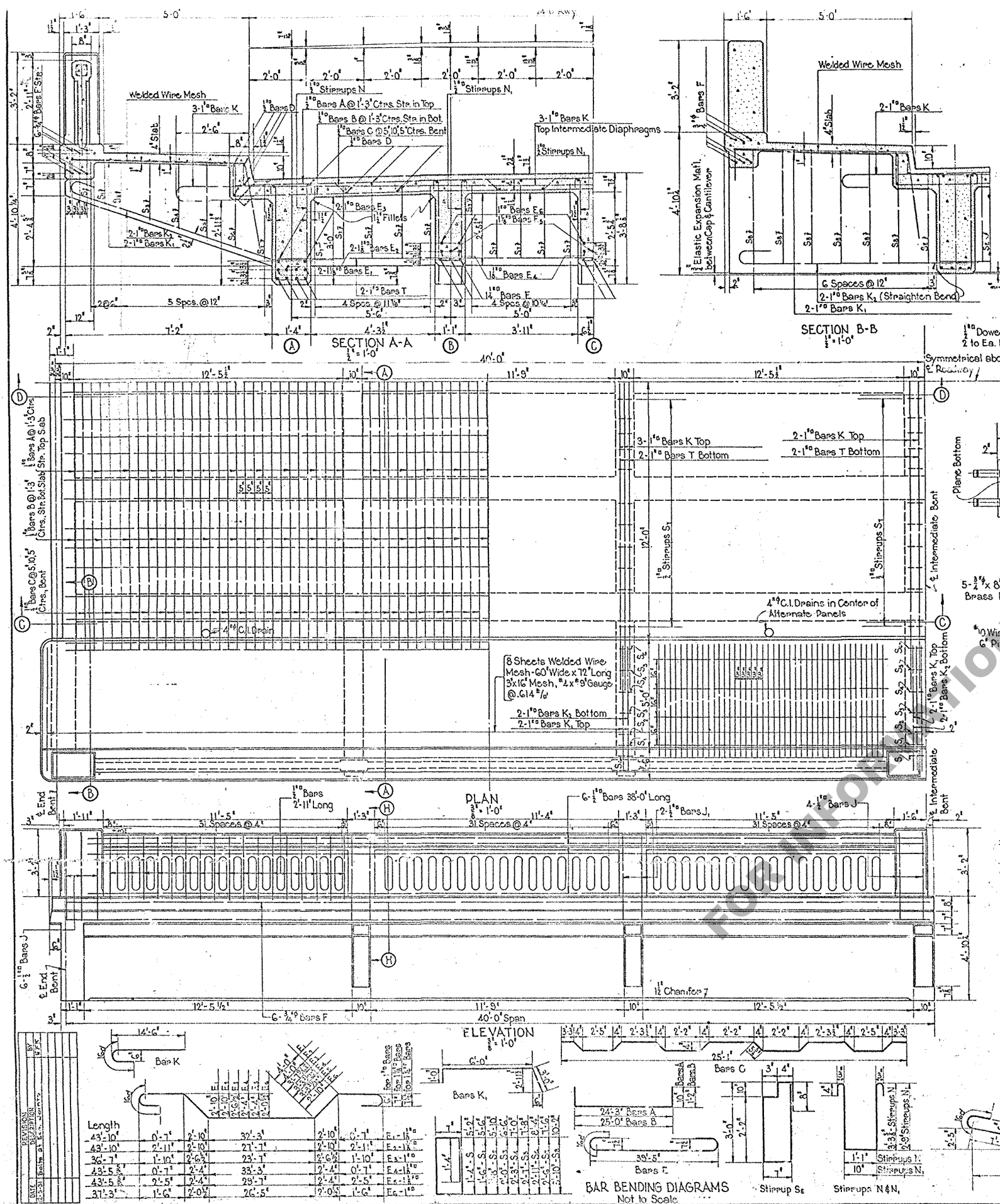




BILL OF MATERIAL FOR 1 SPAN - NOT INCL. HANDRAIL						
Mark No.	Size	Unit Length		Total Length		Location
		Ft	In.	Ft	In.	
A	31	25	11	303	5	Straight in Top of Slab
B	31	27	4	847	4	Straight in Bottom of Slab
C	60	26	2	1570	0	Bent in Slab
D	30	39	6	1185	0	Longitudinal in Slab & Curbs
N	86	8	1	738	2	Stirrups in Beams A
N	123	1	4	902	0	Stirrups in Beams B & C
S ₁	88	1	6	660	0	Stirrups in Diaphragms - Int. Span
S ₂ - 8 Ea.				660	0	Stirrups in Cantilevers - Int. Span
Y	10	3	0	30	0	Dowels - Beams to Caps
R	16	2	3	36	0	Appx. Slab Dowels - End Span
S ₃	22	1	10	172	4	End Diaphragm - End Span
S ₄	12	2	122	0	0	End Cantilevers - of End Span
Total 1/2" Bars - 6,038 Int. Span - 6,101 End Span						
F	12	39	9	417	0	Top & Bottom - Fascia Beam
Total 1/2" Bars - 716						
E ₃	4	36	7	146	4	Bent in Beams A
E ₆	6	31	3	223	6	Bent in Beams B & C
K	20	15	7	311	8	Cantilevers & Top of Diaphragms
K ₁	16	10	0	160	0	Top of Cantilevers
K ₂	16	10	6	168	0	Bottom of Cantilevers
T	8	22	0	176	0	Bottom of Diaphragms
Total 1/4" Bars - 4,031						
E ₁	4	43	10	175	4	Bent in Beams A
E ₂	4	43	10	175	4	Bent in Beams A
E ₄	6	43	5	260	7	Bent in Beams B & C
E ₅	3	43	5	130	3	Bent in Beams B & C
Total 1/4" Bars - 3,191						
E	17	42	1	716	1	Straight in Beams A, B, & C
Total 1/4" Bars - 3,805						
Total Reinforcing Steel Intermediate Span - 17,781						
Total Reinforcing Steel End Span - 17,844						
Total Class A-A Concrete Intermediate Span - 66.17 Cu. Yds.						
Total Class A-A Concrete End Span - 69.22 Cu. Yds.						
Wire Mesh Reinforcement - 295						

GENERAL NOTES

Louisiana Highway Commission Specifications 1929.

Live Load: H-15.

Dead Load: Calculated Weight of Concrete.

All Dimensions Referencing to Reinforcing Are to Bar Centers.

Concrete to be Class A-A.

All Corners, Except As Noted to be Chamfered 1/2".

Handrail to be Poured After Forms for Beams, Slabs, and Curbs Have Been Removed.

Beams, Slabs, and Curbs to be Poured in One Continuous Operation.

Structural Steel, Bronze, & C.I. Plates to be Paid For As Structural Steel.

Drains and Elastic Expansion Material Are to be Included in Price Bid For Concrete.

All Exposed Concrete to Have A Rubbed Finish.

Handrail Quantities - 1 Span - 2 Sides

Type	Span Class A-A Conc.	Reinforcing Steel
Intermediate	355 Cu. Yds.	827 Lbs.
End	362 Cu. Yds.	848 Lbs.

STANDARD
40' R.C. DECK GIRDER SPAN
24'-0" ROADWAY 2'-5" SIDEWALKS
LOUISIANA HIGHWAY COMMISSION
Baton Rouge, La.
Scale: As Noted May 1931

(B-2-330) C-G-29