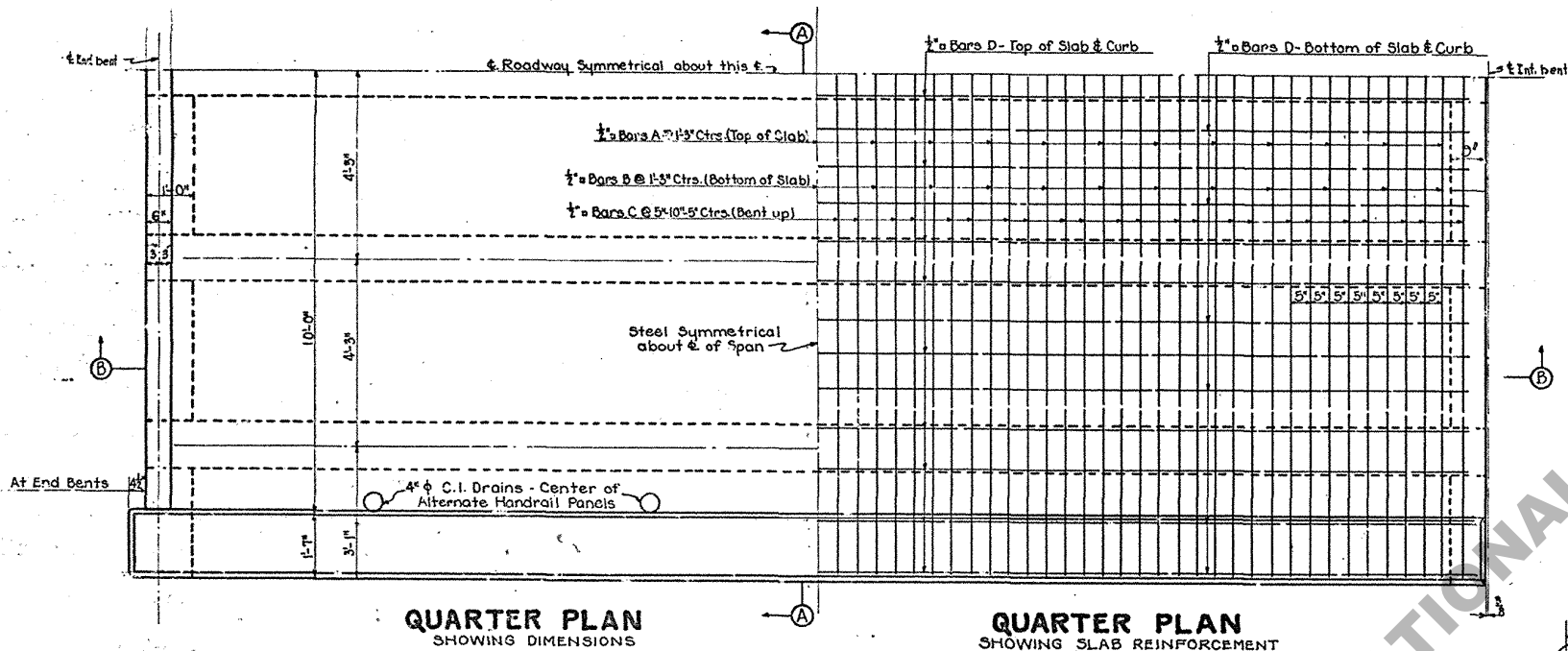
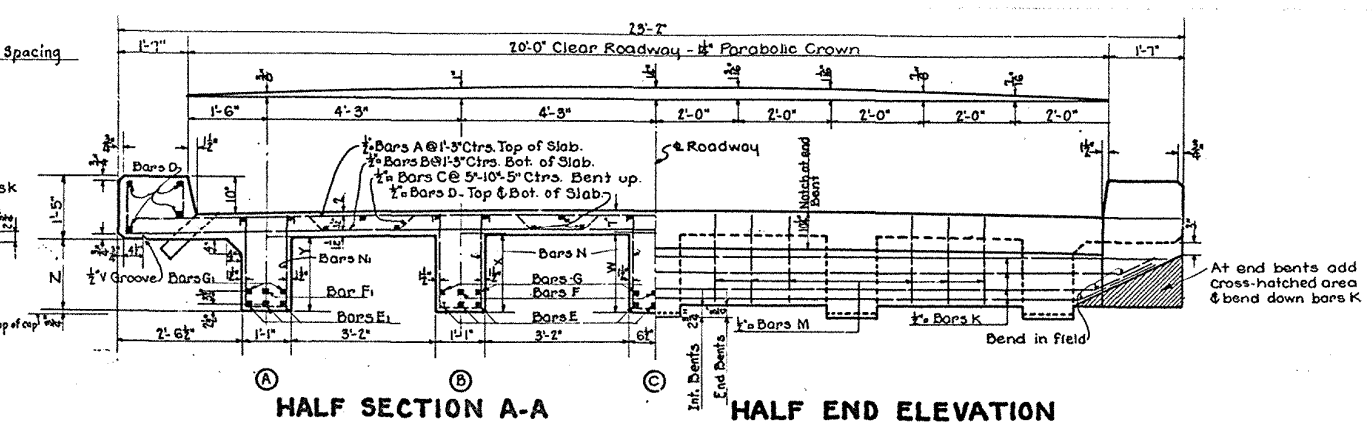
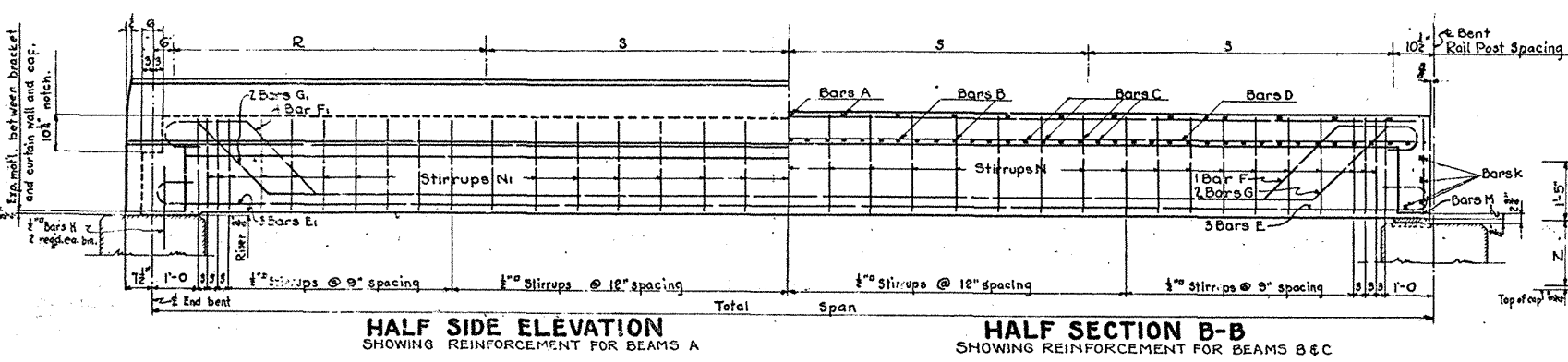




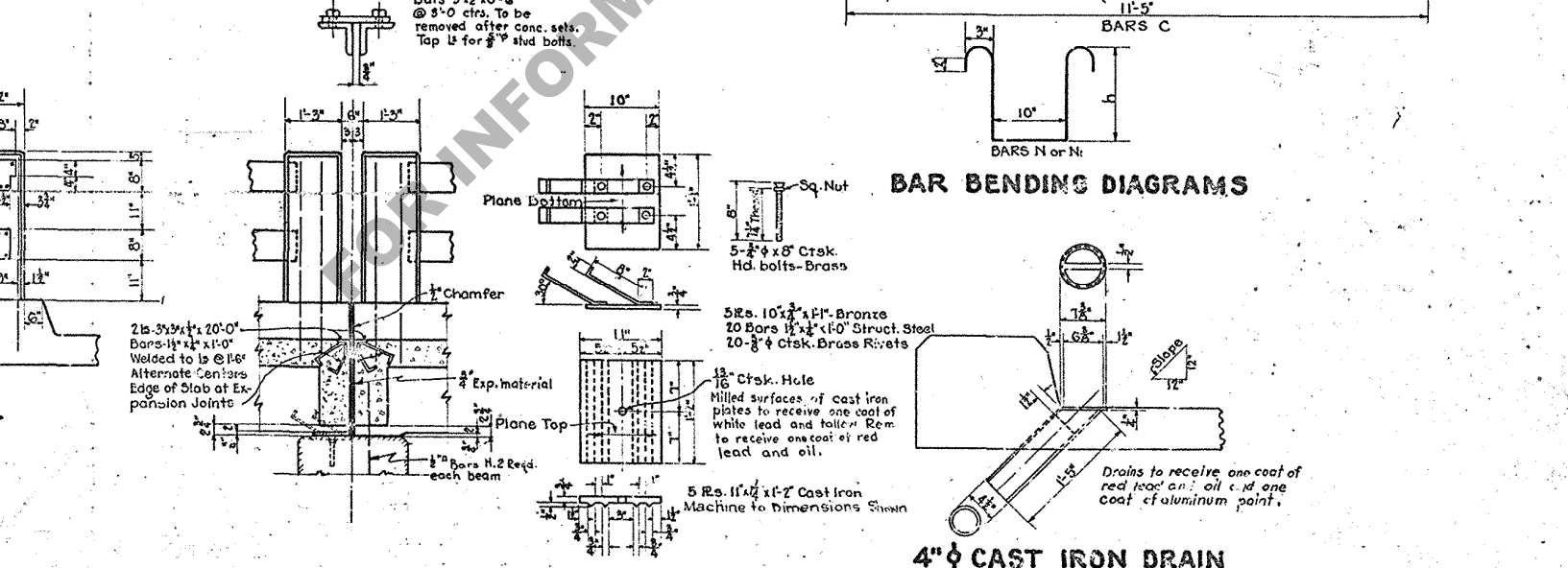
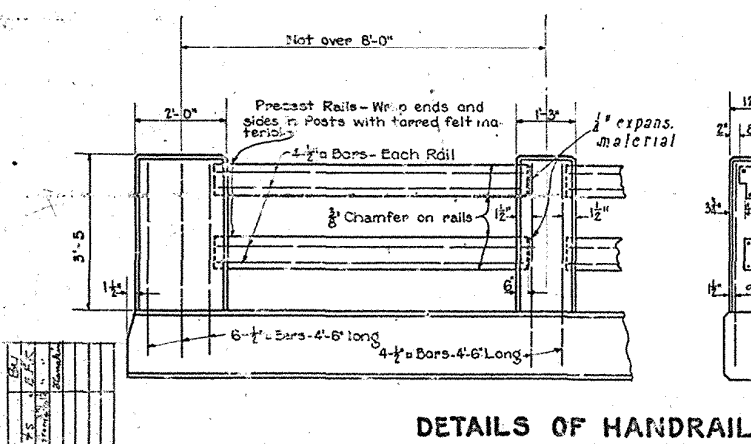
BILL OF REINFORCING STEEL

Total Span	Bars A-1/2 Slab	Bars B-1/2 Slab	Bars C-1/2 Slab	Bars D-1/2 Slab	Bars E Beams B&C	Bars F Beams B&C	Bars G Beams B&C	Bars H Beam A	Bars I Beam A	Bars J Beam A	Bars K Dowels	Bars L Outer Wall	Bars M 1/2 Curbs	Bars N 1/2 Curbs	Bars O 1/2 Curbs	Bars P 1/2 Curbs	Bars Q 1/2 Curbs	Bars R 1/2 Curbs	Bars S 1/2 Curbs	Bars T 1/2 Curbs	Bars U 1/2 Curbs	Bars V 1/2 Curbs	Bars W 1/2 Curbs	Bars X 1/2 Curbs	Bars Y 1/2 Curbs	Bars Z 1/2 Curbs
Feet	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.	Nº	Lg.
30	23	22'-0"	23	25'-2"	46	24'-11"	30	29'-3"	9	16'-3"	3	10'-3"	6	10'-3"	6	10'-3"	6	10'-3"	6	10'-3"	6	10'-3"	6	10'-3"	6	10'-3"

BAR BENDING TABLE																									
Total Span (Feet)	Bars E		Bars F					Bars G					Bars H					Bars N		Bars Ni					
	F	F	a	b	c	d	e	a	b	c	d	e	a	b	c	d	e	a	b	c	d	e	h	h	
30	29'-6"	29'-6"	2'-11"	1'-5"	2'-11"	2'-0"	29'-0"	2'-2"	1'-4"	2'-11"	1'-11"	29'-0"	0'-0"	1'-5"	2'-0"	29'-0"	0'-11"	1'-4"	2'-5"	1'-11"	29'-0"	1'-11"	1'-10"		

DIMENSIONS & QUANTITIES

Total Span Feet	Dimensions					Hand Rail Post Spacing	Stirrups Spacing	QUANTITIES - including Handrail	in-cluding Reinf. Steel
	W	X	Y	Z	S				
30	1'-8"	1'-11"	1'-6"	1'-6"	7'-6"	7'-0"	3 space @ 3" 1/16" 12" 3"	31.80 Add .67 for End Span	351.1 Add 28 for End Span



PART SECTION ON & INTERMEDIATE BENT

QUANTITIES

Bronze	15 Lbs.
Structural Steel	431 Lbs.
Cast Iron	151 Lbs.
Total	739 Lbs.

GENERAL NOTES:
 Specifications: Louisiana Highway Commission, 1929
 Live Load: H 15
 Dead Load: Calculated Weight of Concrete
 Concrete to be Class AA
 All Dimensions of Reinforcing are to Bar Centers
 All Exposed Corners except as indicated to have 1/4" Chamfer
 Curbs, Slab & Beam Stems to be placed in one Continuous Operation.
 Structural Steel, Bronze & C.I. Plates to be paid for as Structural Steel.
 Drains & Elastic Expansor, Material to be included in Price Bid for Concrete.
 All Exposed Surfaces to have Rubbed Finish.
 Milled surfaces of expansion plates are to be cleaned and painted with one coat of bees' wax and tallow before placing concrete in girders.

STANDARD 20'-0" ROADWAY
REINFORCED CONCRETE DECK GIRDER
30' SPANS
LOUISIANA HIGHWAY COMMISSION
Feb. 1931
Baton Rouge, La.