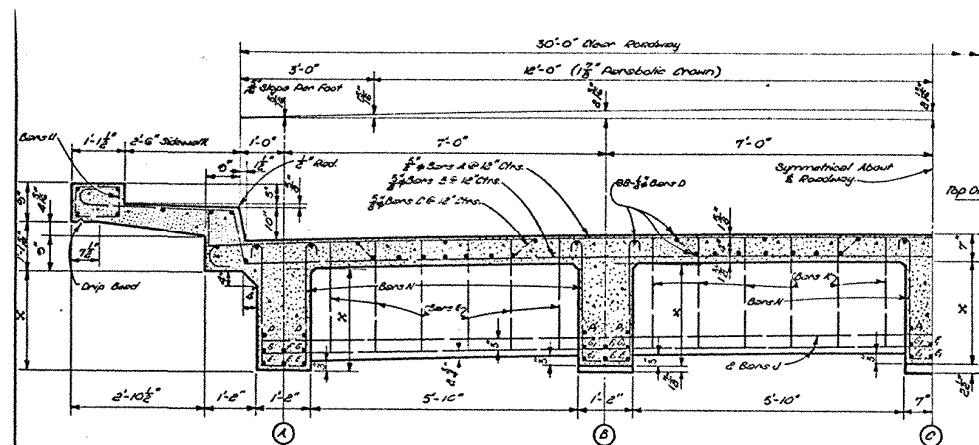
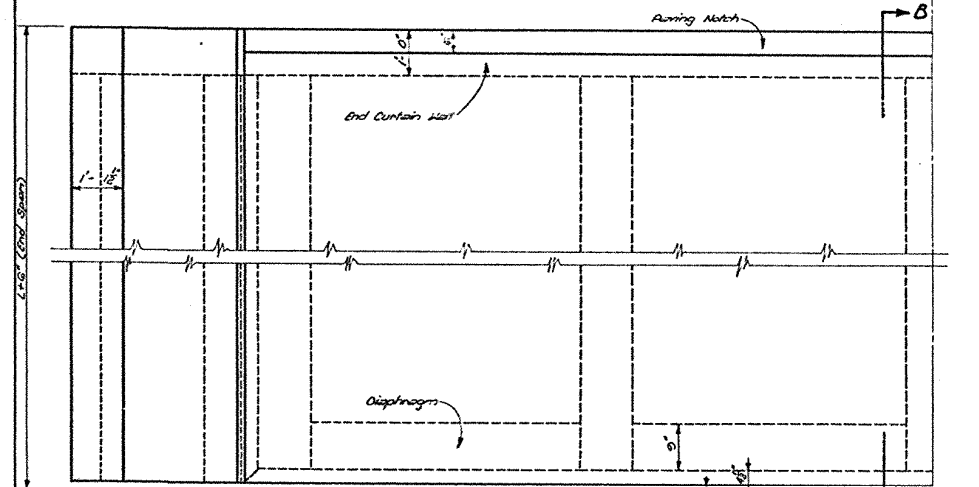
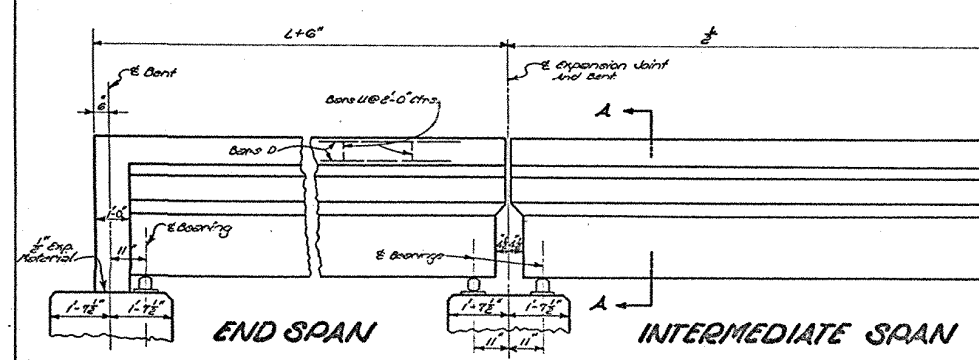




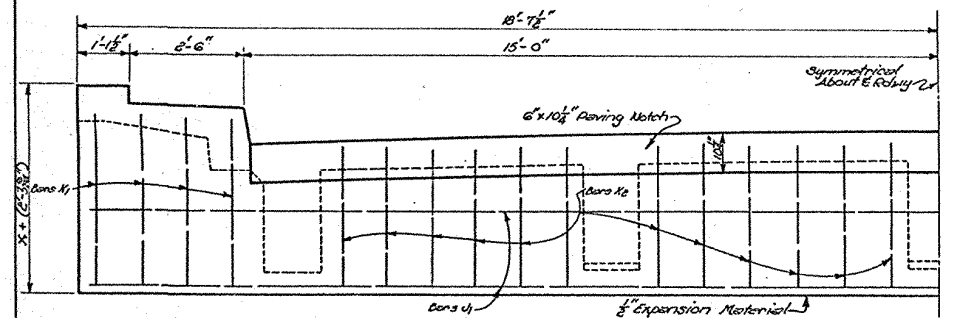
HALF SECTION A-A



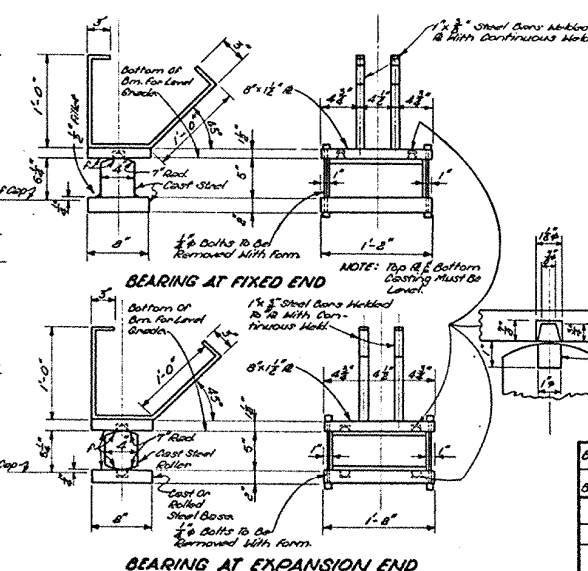
HALF PLAN END SPAN



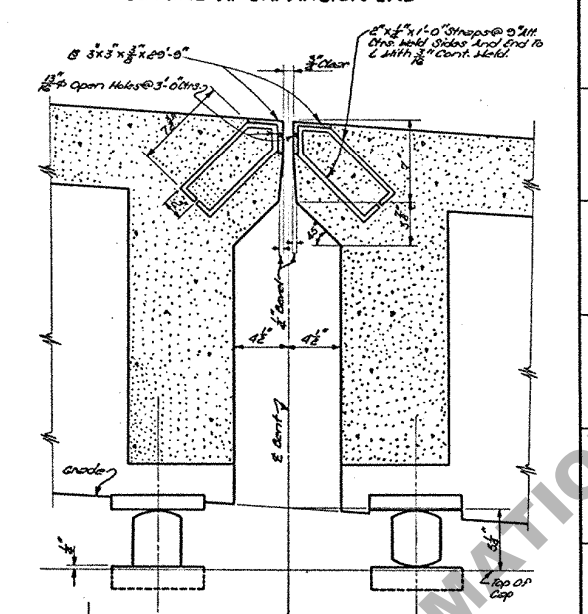
ELEVATION



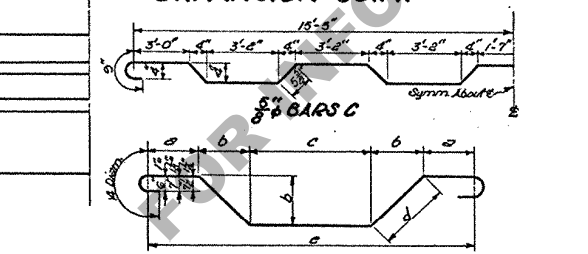
HALF END VIEW - END SPAN



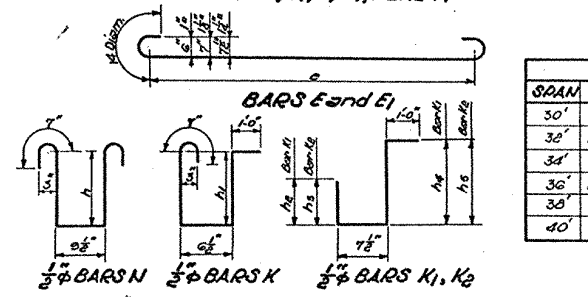
BEARING AT EXPANSION END



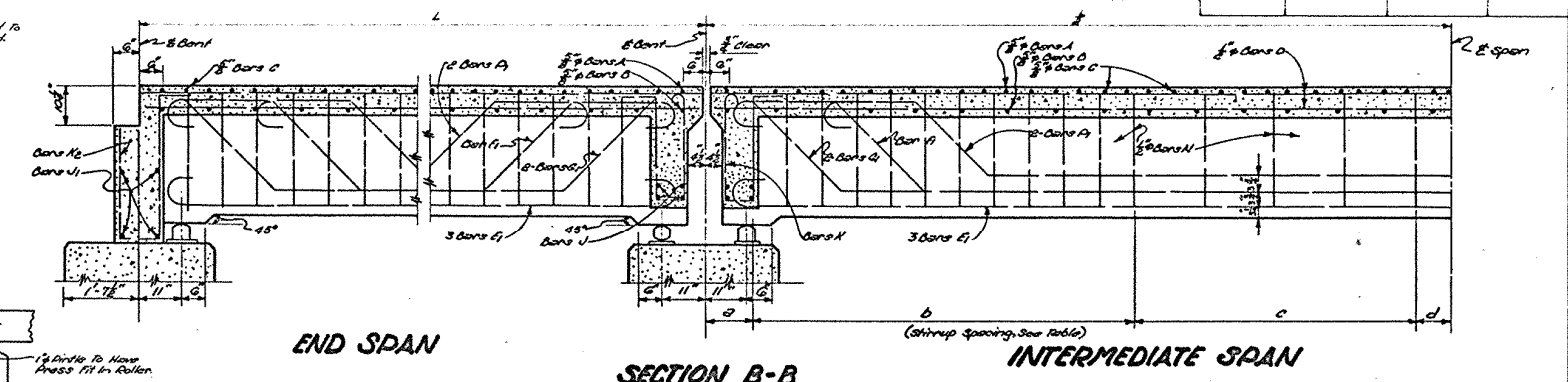
EXPANSION JOINT



BARS G, G1, P, P1, F and F1



BARS E and E1



END SPAN

SECTION B-B

INTERMEDIATE SPAN

BAR	LOC.	30 FT. SPAN	32 FT. SPAN	34 FT. SPAN	36 FT. SPAN	38 FT. SPAN	40 FT. SPAN
A	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
B	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
C	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
D	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
E	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
F	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
G	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
H	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
I	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
J	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
K	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
L	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"

BAR	LOC.	30 FT. SPAN	32 FT. SPAN	34 FT. SPAN	36 FT. SPAN	38 FT. SPAN	40 FT. SPAN
A	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
B	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
C	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
D	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
E	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
F	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
G	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
H	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
I	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
J	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
K	Top of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"
L	Bottom of Deck	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"	30" 3/4"

DIMENSIONS AND QUANTITIES												
SPAN IN FEET	X	STIRRUP SPACING - BARS N				1" CONC. CU. YDS.	REINF. STEEL, POUNDS		STRUCT. STEEL, LBS.			
		a	b	c	d	END SPAN/INT. SPAN	END SPAN	INT. SPAN	END SPAN	INT. SPAN		
30	2'-4"	0'-9"	108'-9" = 7'-6"	48'-1'-6" = 0'-0"	0'-9"	48.20	43.53	10400	10327	2200	2482	
32	2'-5"	1'-0"	110'-9" = 8'-3"	48'-1'-6" = 0'-0"	0'-9"	49.67	44.84	11270	11025	2200	2482	
34	2'-7"	1'-3"	108'-9" = 7'-6"	48'-1'-6" = 7'-6"	0'-9"	53.08	51.13	12445	12305	2200	2482	
36	2'-9"	0'-9"	108'-9" = 7'-6"	48'-1'-6" = 9'-0"	0'-9"	58.43	55.47	13844	13766	2200	2482	
38	2'-10"	1'-0"	110'-9" = 8'-3"	48'-1'-6" = 9'-0"	0'-9"	62.19	59.16	15243	15164	2200	2482	
40	3'-0"	1'-3"	110'-9" = 0'-0"	48'-1'-6" = 0'-0"	0'-9"	66.89	63.75	16407	16327	2200	2482	

FOR DETAILS OF HANDRAILS SEE STANDARD PLAN C-M-109.

GENERAL NOTES:
Construction Specs: Latest Approved La. Hwy. Dept. Std. Specs.
Design Specifications: MSHD, 1941.
Live Load: H20, S16.
Dead Load: Calculated weight of concrete plus 15 lbs. per sq. ft. future wearing surface.
All concrete to be Class "A".
Dimensions to reinforcing steel are to bar centers.
Exposed corners to have 3/4" chamfers unless otherwise noted.

1-18-50		1-18-50		1-18-50	
DESIGNED	HEW	CHECKED	M.O. H.R.	TRACED	A.G. H.R.
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
REVISIONS					

STANDARD PLAN
R.C. DECK GIRDER SPANS, H20-S16 LOADING
30'-0" CLEAR ROADWAY-2'-6" SIDEWALKS
30'-0" TO 40'-0" SPANS
TO BE USED WITH STANDARD PLAN C-S-20-80
DATED: 2-28-50, 1-19-45

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS