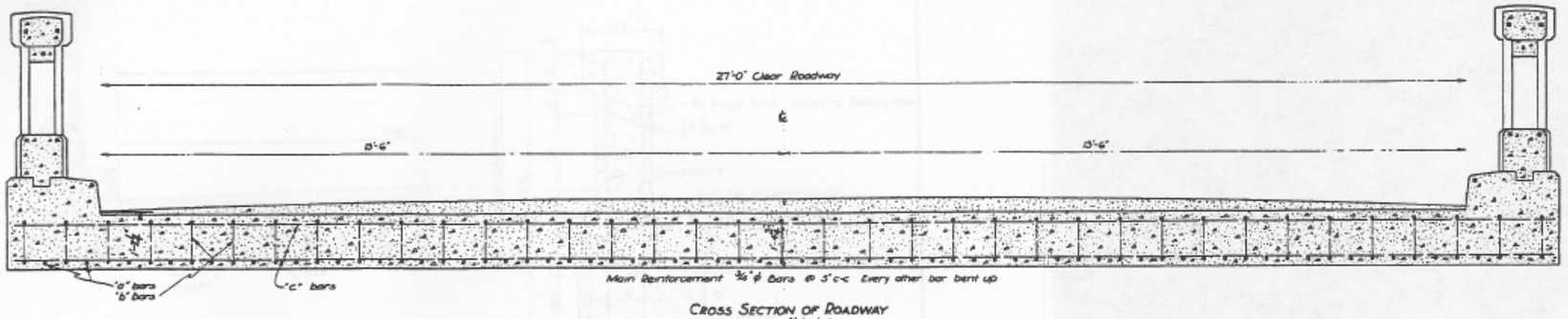
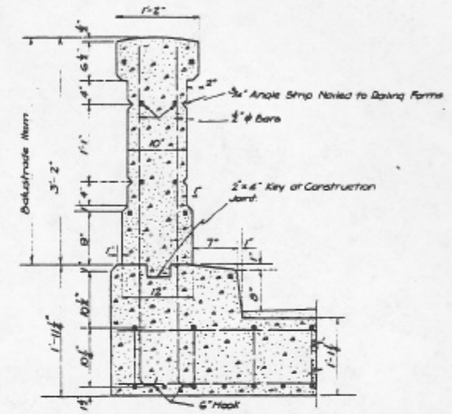
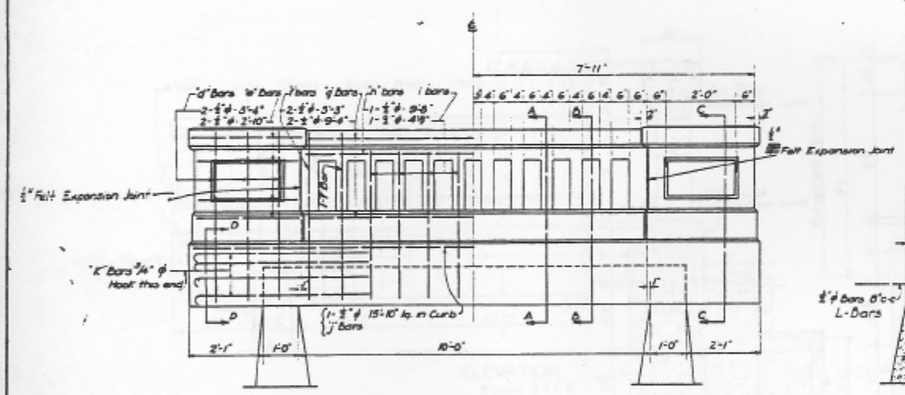


CROSS SECTION OF ROADWAY
Scale 3/4"=1'-0"

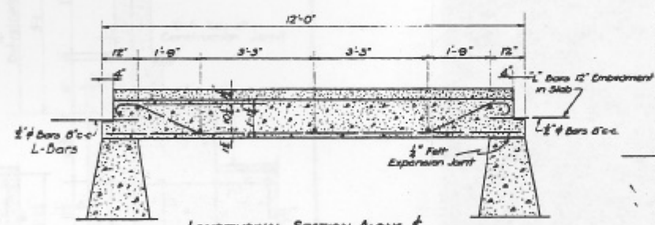
General Notes:
All concrete in superstructure to be Class "A", 1:2:4 Mix.
All steel to be deformed bars.
All intersecting bars shall be rigidly wired together with No. 16 annealed wire.
Interior and exterior panelling on end posts to be same.
Cost of felt expansion joints to be included in cost of class "A" concrete.
Specifications: Latest S.R.C. Bridge Specifications.
Loading H-20 as per U.S. Dept. of Agriculture Bulletin #1254



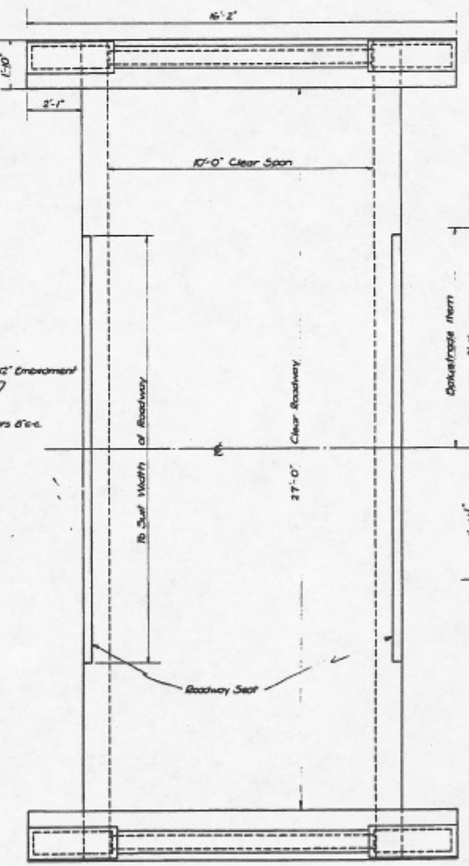
SECTION C-C
Scale 1"=1'-0"



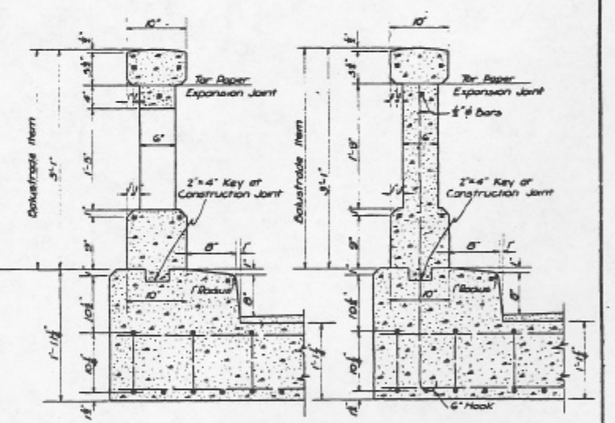
ELEVATION
Scale 1/2"=1'-0"



LONGITUDINAL SECTION ALONG ℄
Scale 1/2"=1'-0"

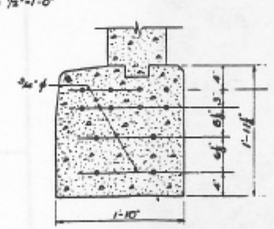


PLAN
Scale 3/16"=1'-0"



SECTION B-B
Scale 1"=1'-0"

SECTION A-A
Scale 1"=1'-0"



SECTION D-D
Scale 1"=1'-0"

APPROXIMATE SUPERSTRUCTURE QUANTITIES FOR PRELIMINARY ESTIMATE ONLY
19.93 C.Yds. Concrete Excluding Balustrades
2.87 C.Yds. Concrete In Balustrades

TOTAL WEIGHT OF REINFORCING STEEL = 2,519#

Note.	No.	Size	Length	Total Length	Wt #/ft	Total Wt.	Description
a	36	3/4" ϕ	11'-9"	423'-0"	1.50	634.5	straight 11'-9"
b	37	3/4" ϕ	12'-10"	474'-10"	1.50	712.2	8" hook, 9'-8 1/2", 1'-8", 8'-8", 1'-8", 9'-8 1/2", 8" hook
c	5	3/4" ϕ	30'-5"	152'-1"	1.50	228.1	straight 30'-5"
d	24	1/2" ⌀	5'-4"	128'-0"	.85	108.8	6'-10", 6" hook
e	32	1/2" ⌀	2'-10"	90'-8"	.85	77.1	2'-10"
f	6	1/2" ⌀	5'-3"	31'-6"	.85	26.8	6'-9", 6" hook
g	8	1/2" ⌀	9'-4"	74'-8"	.85	63.5	9'-4"
h	2	1/2" ⌀	9'-8"	19'-4"	.85	16.4	9'-8"
i	20	1/2" ⌀	4'-9"	95'-0"	.85	80.8	6'-9", 6" hook
j	2	1/2" ⌀	15'-10"	31'-8"	.85	26.9	15'-10"
k	48	3/4" ϕ	5'-8"	272'-0"	1.50	408.0	5'-0", 8" hook
* L	80	1/2" ⌀	2'-0"	160'-0"	.85	136.0	2'-0"

* These bars to be omitted if roadway surfacing is of other material than concrete.

REVISIONS
Expansion joints in honeycomb and balustrade deck changed from 1/2" to 1/4" 4-28-51 W.J.M.

STATE OF MARYLAND
STATE ROADS COMMISSION
BALTIMORE, MD.

STANDARD 10'-0" SLAB BRIDGE
SUPERSTRUCTURE DETAILS

SCALE Various Mar. 1, 1950 CONTRACT

MADE BY J.L.B.
TRACED BY
CHECKED BY
CORRECT 5/5/30 BRIDGE ENGINEER
APPROVED 5/5/30 CHIEF ENGINEER

SHEET NO. OF

A-22