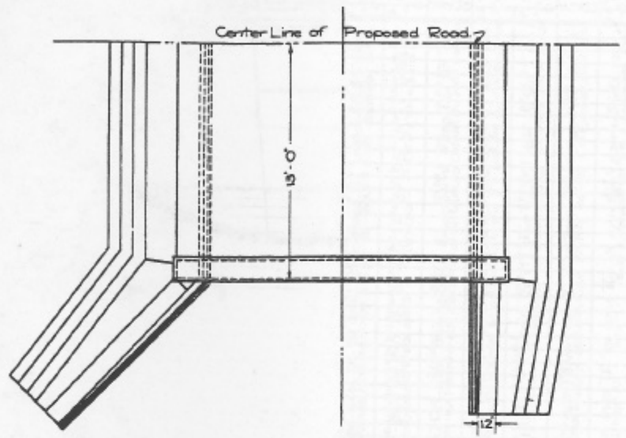
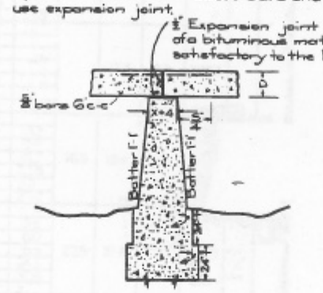
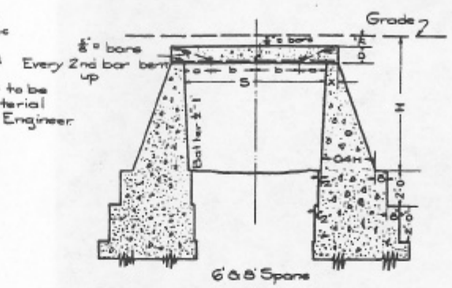


HALF PLAN

Note:
Omit expansion joint and use ⅝" bars 6" c-c over pier on spans less than 14 ft.
Spans 14' or over omit above bars and use expansion joint.

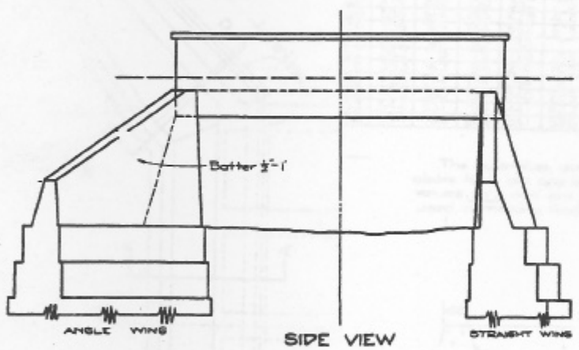


SECTION CENTER PIER
DOUBLE SPAN SLAB BRIDGE

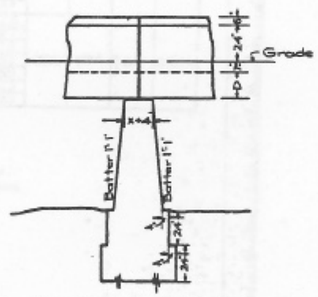


6' & 8' Spans

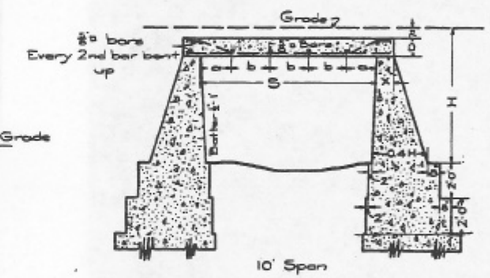
DIMENSIONS FOR SLAB BRIDGES						
SPAN	DEPTH	SIZE OF BARS ϕ	SPACING LONGITUDINAL BAR C-C	SPACING TRANSVERSE BARS		TOP OF ABUTMENT
S	D			a	b	x
6'	9"	⅝"	6½"	1'-3"	1'-9"	9"
8'	11"	⅝"	5"	1'-8"	2'-6"	10"
10'	12"	⅝"	4½"	1'-9"	2'-2½	12"
12'	14"	¾"	5½"	2'-0"	2'-0"	14"
14'	16"	¾"	5"	2'-3"	2'-4½"	15"
16'	18"	¾"	4½"	2'-6"	2'-9"	16"



SIDE VIEW

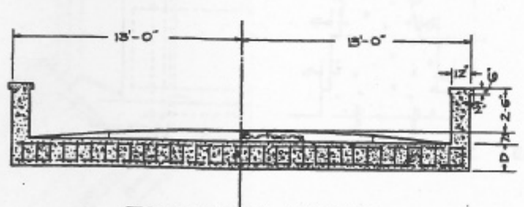


ELEVATION CENTER PIER
DOUBLE SPAN SLAB BRIDGE

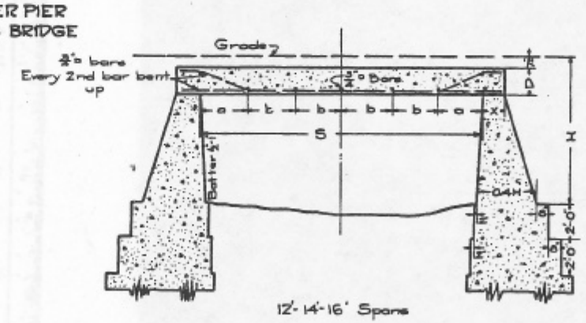


10' Span

Note:
All reinforced concrete to be mixed 1:2:4
All plain concrete to be mixed 1:3:6



TRANSVERSE SECTION



12'-14'-16' Spans

SECTIONS ON CENTER LINE OF ROAD

OFFICE OF THE
STATE ROADS COMMISSION
BALTIMORE, MD

DETAILS FOR
STANDARD SLAB BRIDGES

SCALE 1" = 4'

APPROVED J. H. Mackall
April 17, 1919 CHIEF ENGINEER