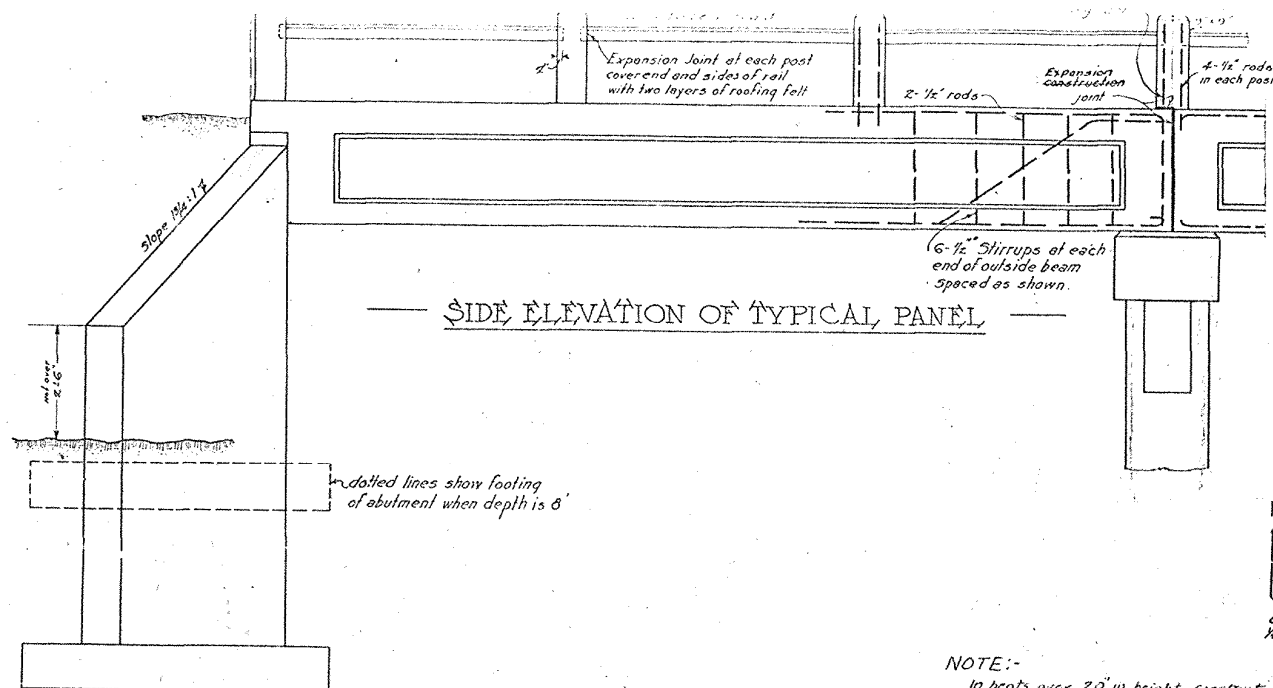
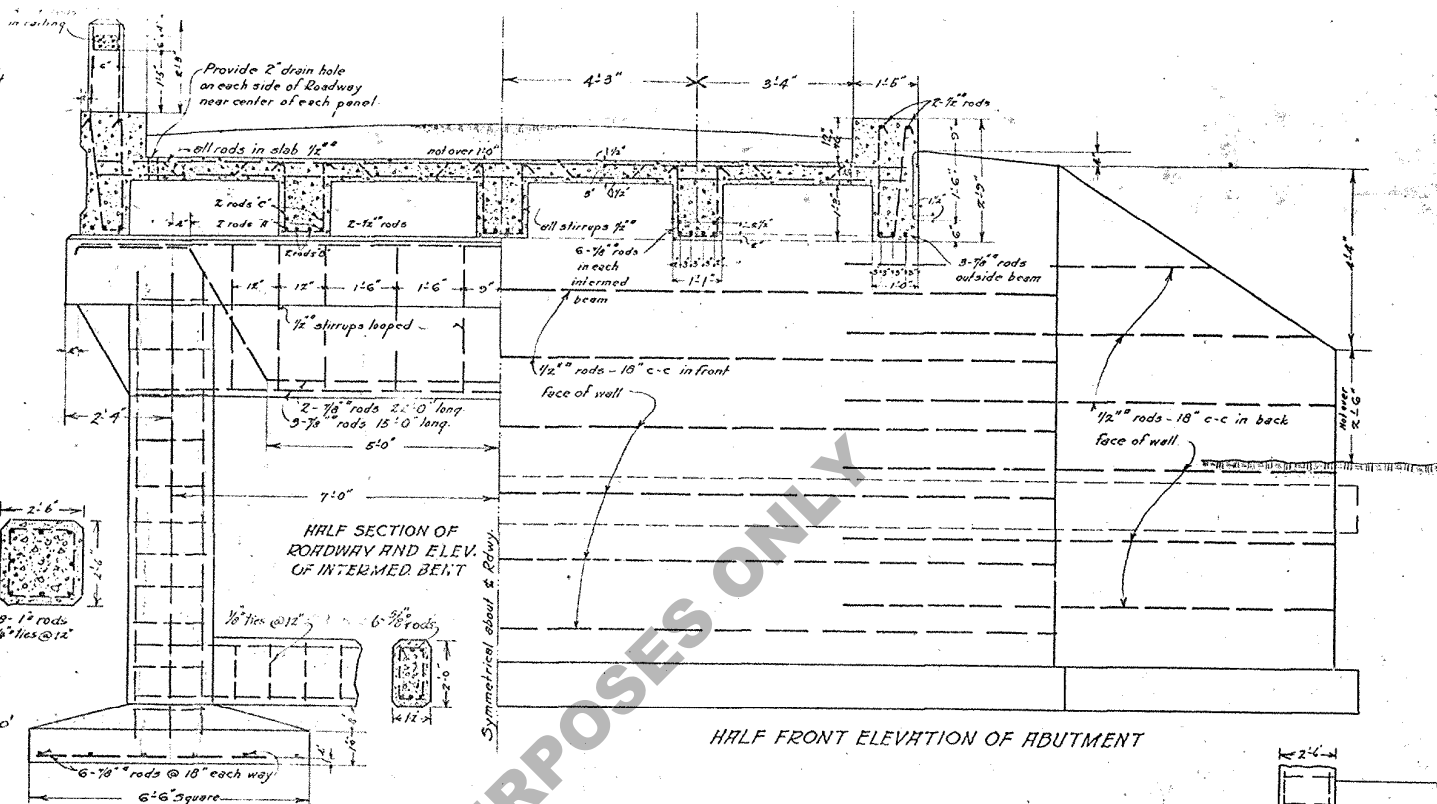
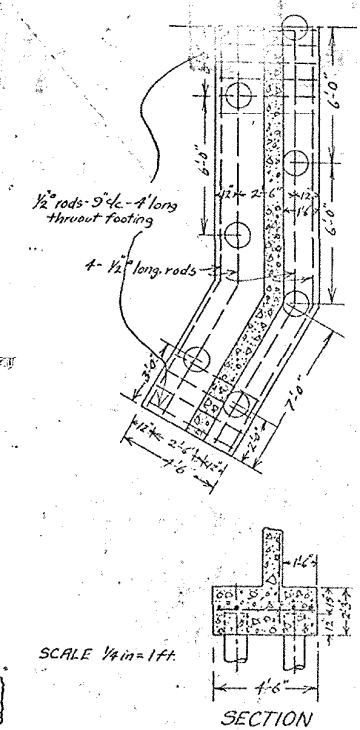




SIDE ELEVATION OF TYPICAL PANEL



HALF FRONT ELEVATION OF ABUTMENT

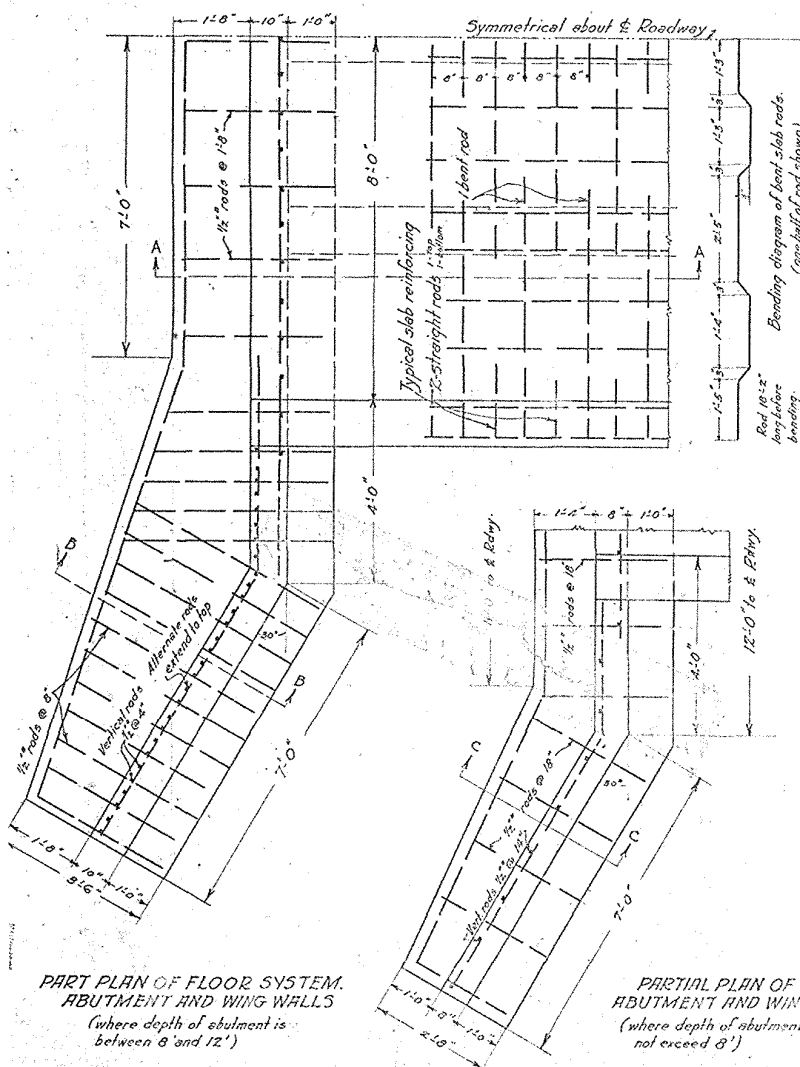


SCALE $\frac{1}{4}$ in = 1 ft.

SECTION

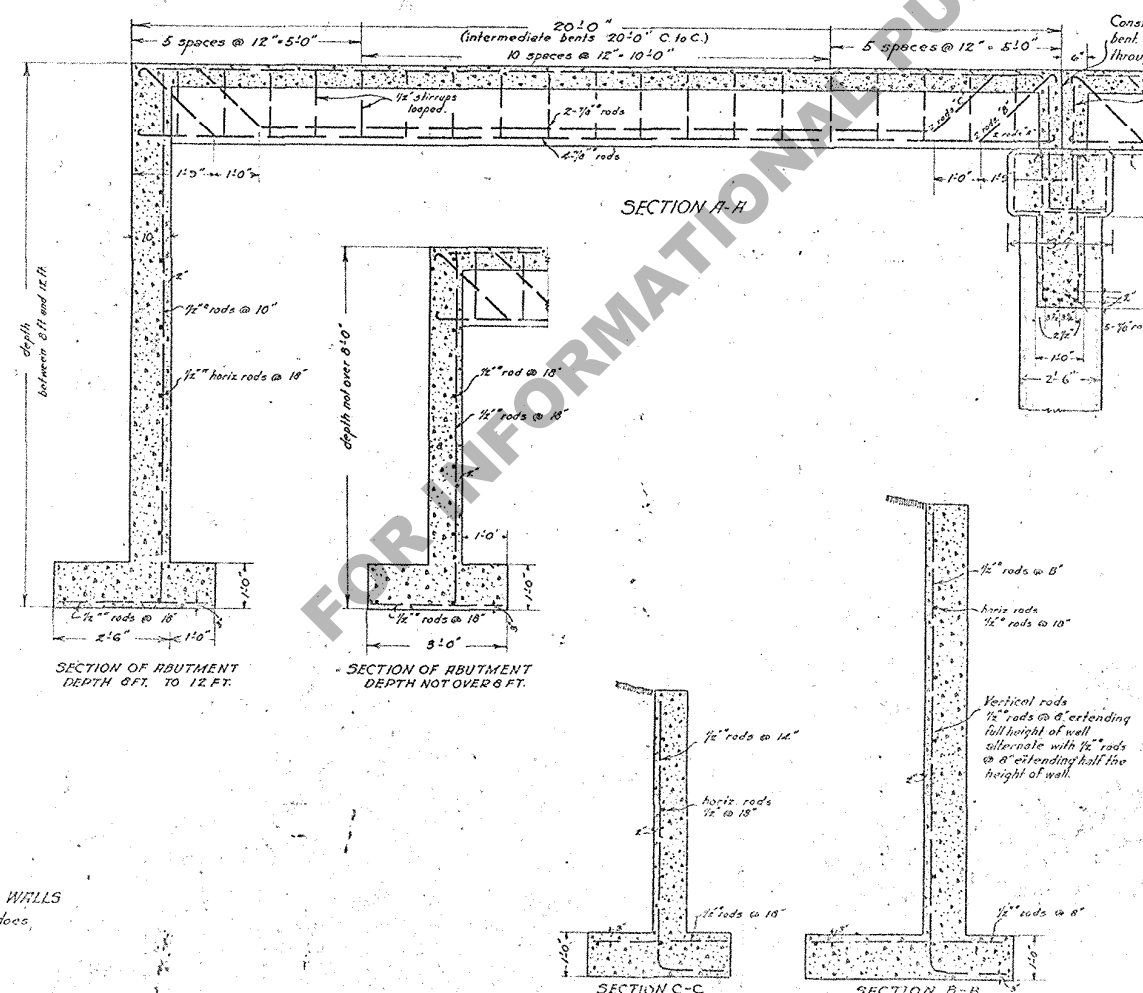
PILE FOOTING PLAN

Use piling where safe bearing power of the soil is less than 1000 lbs per sq. ft. Piles carry 4 Tons each.



PART PLAN OF FLOOR SYSTEM.
ABUTMENT AND WING WALLS
(where depth of abutment is
between 8' and 12')

PARTIAL PLAN OF
ABUTMENT AND WING WALLS
(where depth of abutment does,
not exceed 8')



SECTION A-H

SECTION OF ABUTMENT
DEPTH 6 FT. TO 12 FT.

SECTION OF ABUTMENT
DEPTH NOT OVER 8 FT.

SECTION C-C

SECTION B-B

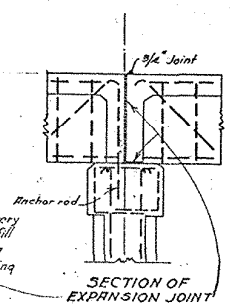
TYPICAL SECTION OF WING WALLS.

The drawing is a cross-section of a bridge deck. It shows two main sections of the deck separated by a vertical line representing an expansion joint. On the left side, there is a sloped surface labeled 'Back fill'. On the right side, there is a sloped surface labeled 'Fill'. In the center, there is a horizontal line representing the top of the deck. Below this line, there are two vertical lines representing the ends of the deck sections. At the top of these vertical lines, there are small circles representing anchor rods. A line points from the text 'Anchor rod' to one of these circles. The drawing is labeled 'SECTION EXPANSION JOINT' at the bottom right.

NOTE: Provide expansion joints for every bent. Joint joint 9" wide and fill with hot bit. Only anchor rods on one side of joint and travel sliding surface smooth.

SECTION EXPANSION JOINT

NOTE: All concrete to be (1:2:4) mixture. All exposed corners to be chamfered 9". Specifications: State Highway Department. If toll is placed on floor of bridge the slab should be covered with a thin bituminous or asphalt coating to protect it from wear due to traffic. Back fill behind abutments must not be made until structure has been in place 28 days.



SECTION OF
EXPANSION JOINT

ESTIMATE OF QUANTITIES			
ITEM	CU. YDS. CON.	POUNDS STEEL	LIN. FT. PILING
Superstructure - One Panel	14.9	2560	
One Abut. 12' Wings 7' long	Spread Footing 16.4	1215	
	Pile Footing 22.6	1105	18 - 260 (incl)
One Abut. 8' Wings 7' long	Spread Footing 2.8	425	
	Pile Footing		18 - 260
One bent 12'	Spread Footing 14.9 ^(5.92) _(1.1)	2250 ⁽⁵¹²⁾ _(1.1)	
	Pile Footing 25.1	1925	10 - 250
	Add 520' 1.0	135	

PLAN OF CONCRETE GIRDER BRIDGE

20' Spans 16' Clear Roadway
Scale $\frac{1}{2}'' = 1'$
HIGHWAY DEPARTMENT
BOARD OF STATE ENGINEERS
NEW ORLEANS, LA.
Nov 19th 1917

DESIGNED AND PREPARED BY
G.D. WHITTLE HIGHWAY BRIDGE ENGINEER
OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING
Revised Apr. 16 1918
Revised Nov. 15 1920

APPROVED: *James R. ...*
STATE HIGHWAY ENGINEER