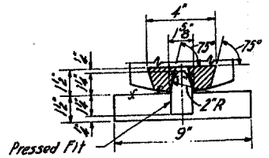
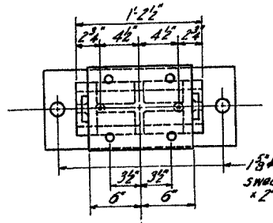
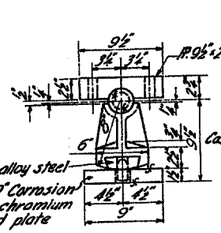
CONTRACT NO. 84883

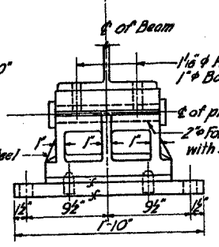
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	7HBR-1 & 7VBR	WHITESIDE	146	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



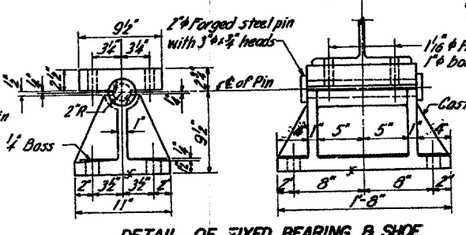
TOOTH BAR DETAIL
Scale: 3"=1'-0"



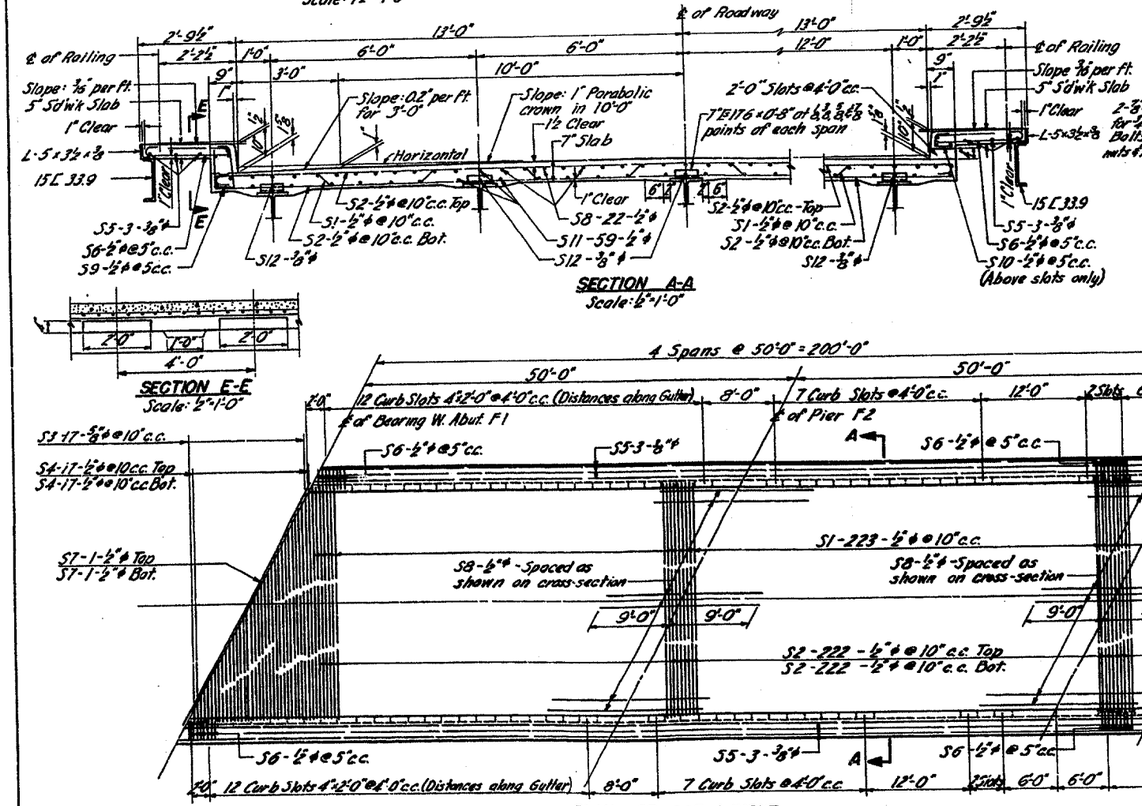




DETAILS OF EXPANSION BEARING & SHOE
Scale: 1½"=1'-0"



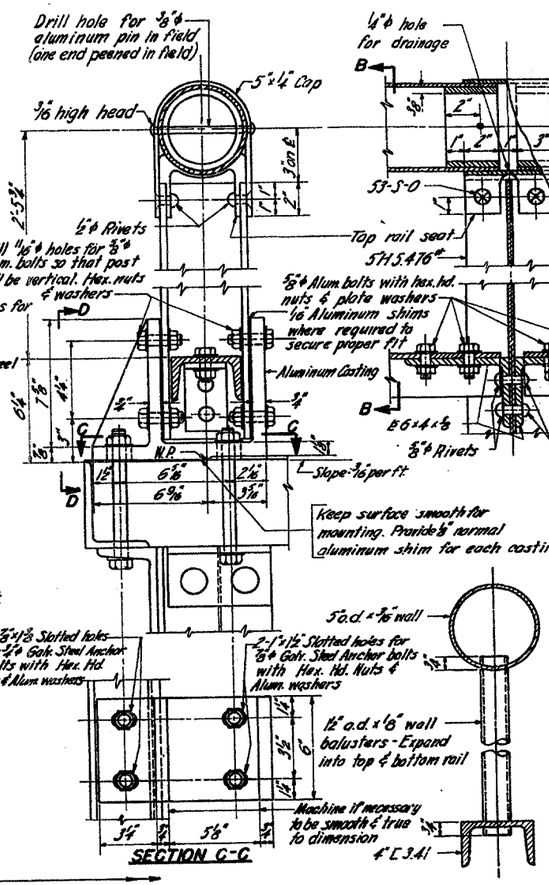
DETAIL OF FIXED BEARING & SHOE
Scale: 1½"=1'-0"



SECTION A-A
Scale: ½"=1'-0"

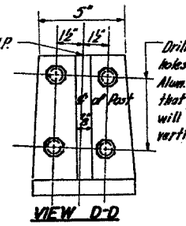
SECTION E-E
Scale: ½"=1'-0"

PLAN OF BAR LAYOUT
Symmetrical By Rotation About ℄ of Pier F3
Scale: ⅛"=1'-0"

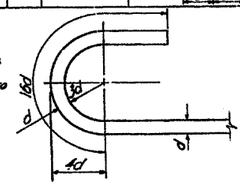


SECTION C-C

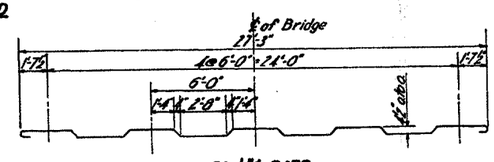
VIEW B-B
Scale: 3"=1'-0"



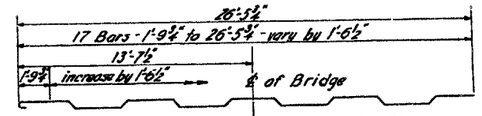
VIEW D-D



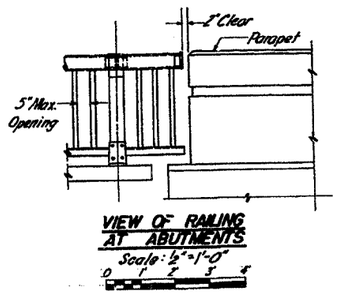
STANDARD HOOK DETAIL



S1-1"ϕ BARS



Dimensions for bends same as Bar S1
S3-⅝"ϕ BARS



VIEW OF RAILING AT ABUTMENTS
Scale: ½"=1'-0"
0 1' 3' 4'

BAR SCHEDULE - ROADWAY SLAB

Mark	No.	Stock	Bend
S1	223	½"ϕ x 29'-7"	See Special Detail
S2	444	½"ϕ x 27'-3"	Straight
S3	34	⅝"ϕ 45'-3¾" Av.	See Special Detail
S4	68	½"ϕ x 14'-11" Av.	17 Bars - 2'-7" to 27'-3" vary by 1'-6½"
S5	36	⅜"ϕ x 34'-6"	Straight
S6	970	½"ϕ x 3'-5"	2'-5"
S7	4	½"ϕ x 30'-11"	Straight
S8	66	½"ϕ x 18'-0"	do.
S9	560	½"ϕ x 4'-7"	1'-10", 1½", 1'-4", 6"
S10	440	½"ϕ x 2'-8"	1'-10", ¾", 2"R, 6"
S11	354	½"ϕ x 34'-10"	Straight
S12	80	⅜"ϕ x 2'-8"	1'-0", 8", 1'-0"

NOTES:
All reinforcing bars shall be deformed ASTM A305-50T and lapped 40 diameters at the splices.
All bar dimensions are out to out.
All material in railing shall be Aluminum Alloy 61S-T except as noted. Alum. bolts shall be Alum. Alloy 24-ST4 with No. 205 Aluminite finish.
Aluminum Casting shall be Cast Alloy 356-T6 or as approved by the Engineer.
All roadway concrete shall be Class "A."

MISSISSIPPI RIVER BRIDGE
AT CLINTON, IOWA
CITY OF CLINTON BRIDGE COMMISSION
ROADWAY SLAB & BEARING DETAILS
FULTON ROAD BRIDGE

SCALE: AS NOTED

CONTRACT NO. 7 DRAWING NO. 6

MODJESKI & MASTERS, ENGINEERS
OCTOBER, 1951

APPROVED: F. M. Masters
FOR MODJESKI & MASTERS

THIS DRWG. REVISED TO SHOW THE WORK AS CONSTRUCTED JAN 195[illegible]

DR. A.W.C. TR. J.N.J. CK. D.G.H.