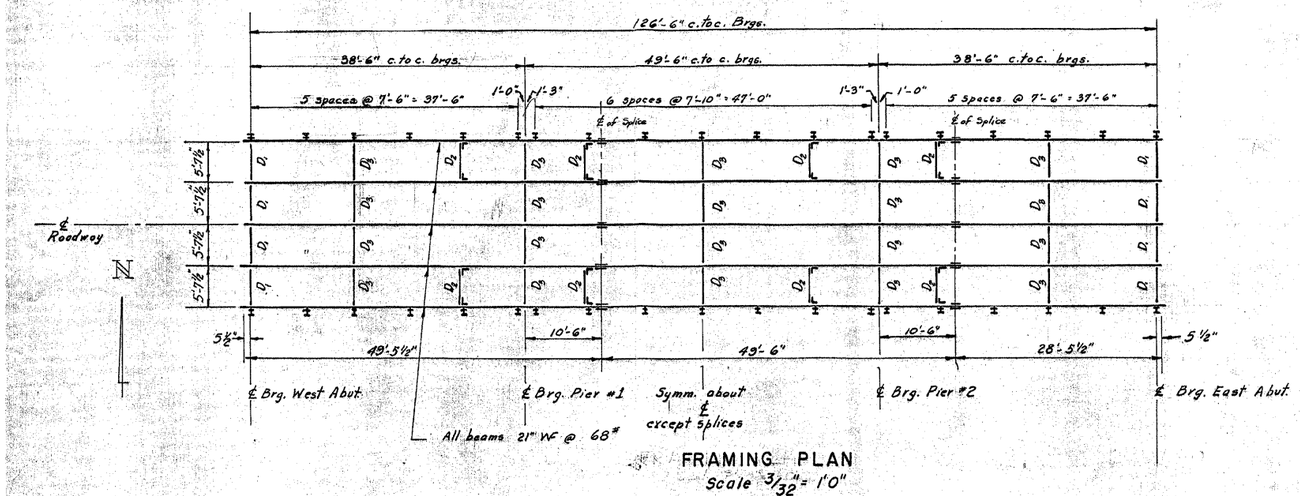
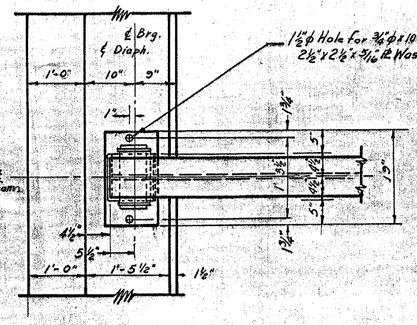
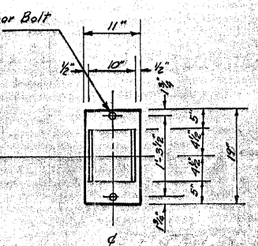


FRAMING PLAN
Scale 3/32" = 1'0"



PLAN



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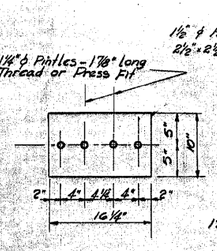
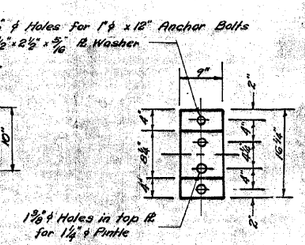
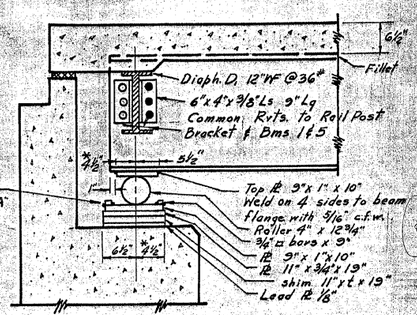


PLAN

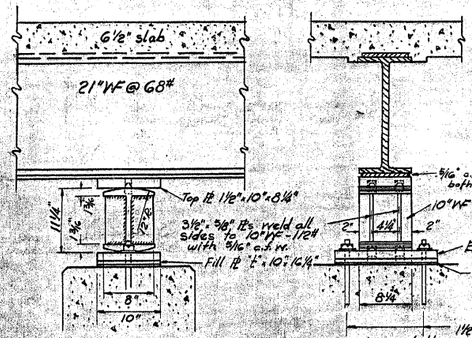


PLAN

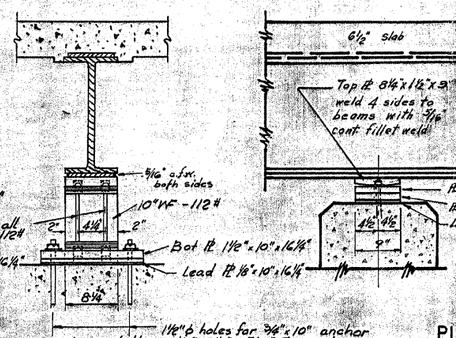


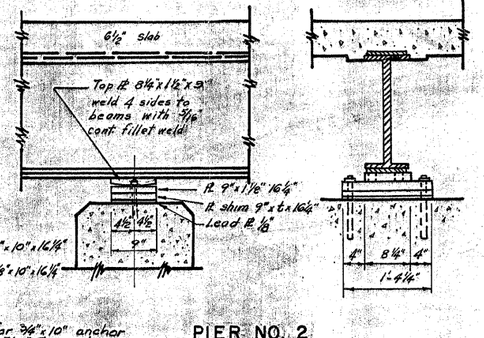
Note: Dim. marked thus * apply at 50° F. Increase each dim. by the same amount if abutment has moved or if Temp is above 50° F. Decrease each by same amount if temp is below 50° F.

SECTION AT ABUTMENT



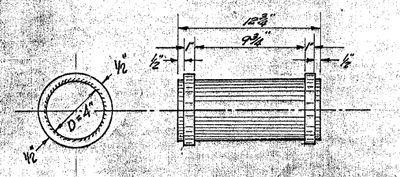
PIER NO. 1



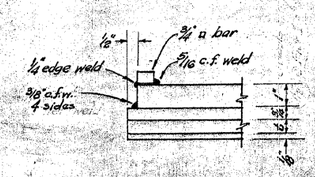


PIER NO. 2

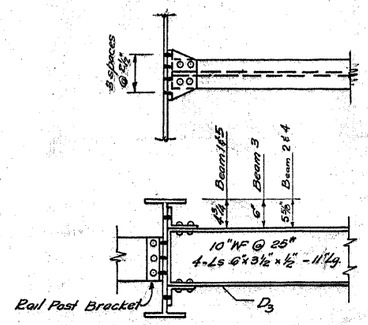
Note: Estimated weight of rollers, rockers, brg. ℝs anchor bolts and lead plates = 3900 #, included in item 'Structural Steel' of Bill of Materials.



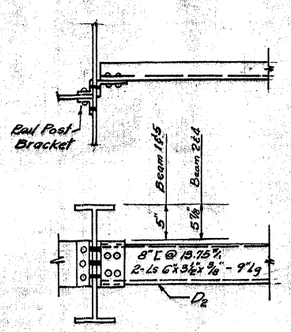
ROLLER DETAIL



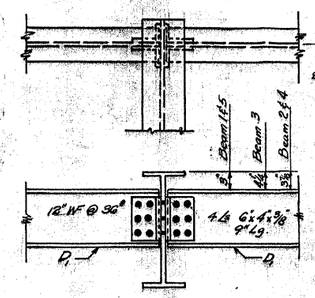
DETAIL "A"



20 Required D_3

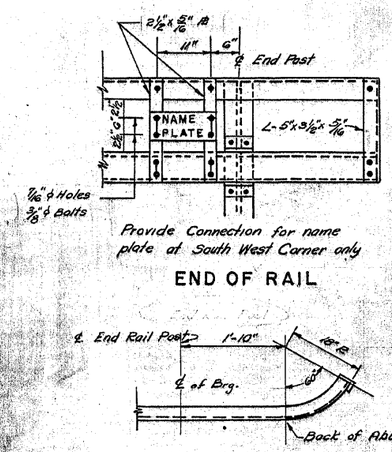


8 Required D_2



8 Required D_1

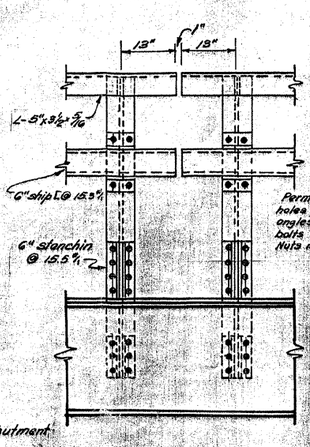
DIAPHRAGM DETAILS



Provide Connection for name plate at South West Corner only

END OF RAIL

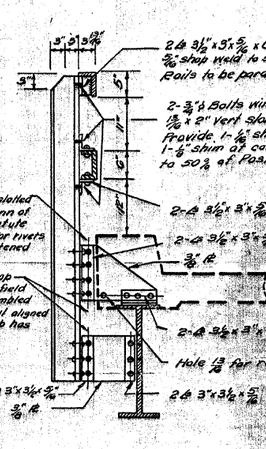
RAIL BEND



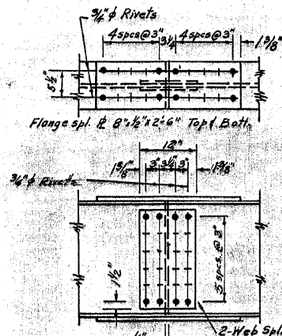
DETAIL OF RAIL

Permissible to use slotted holes in plate for conn of angles and to substitute bolts with lock nuts for rivets. Nuts must be air tightened

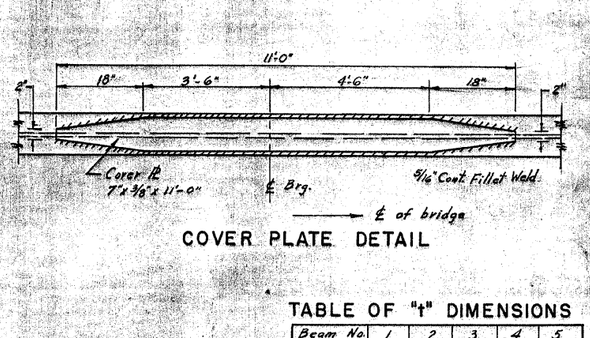
Punch ½"ϕ in shop & ream to ¾"ϕ in field with post assembled to beam and rail aligned before conc. slab has been poured



RAIL POST DETAIL



DETAIL OF SPLICE

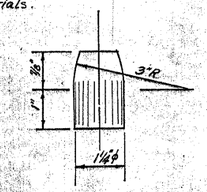


COVER PLATE DETAIL

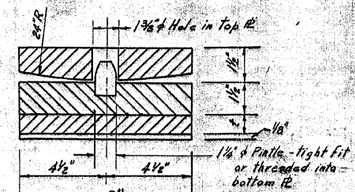
TABLE OF "t" DIMENSIONS

Beam No.	1	2	3	4	5
Abuts.		7/16"	1¼"	7/16"	
Pier #1		7/8"	1¼"	7/8"	
Pier #2		7/8"	1¼"	7/8"	

NOTE:
Filler ℝs over 1" thick may be made up of thinner ℝs tack welded



PINTLE DETAIL



PIER NO. 2 BEARING DETAIL

FOR INFORMATION ONLY

BRUSH POINT BRIDGE
OVER
KISHWAUKEE RIVER (SO. BRANCH)
MAYFIELD TOWNSHIP
DE KALB COUNTY, ILLINOIS