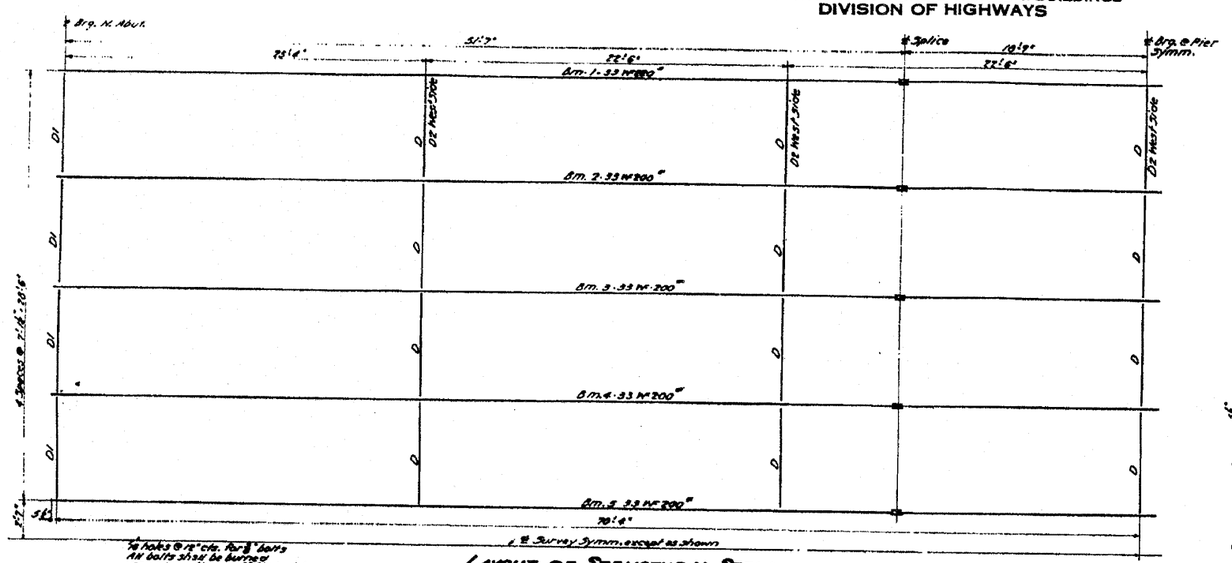
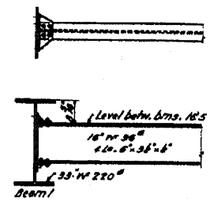
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D.H.I. 2	76FB	WINNEBAGO	9	4
F.A.	76BR		10	5
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

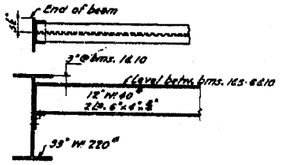
SHEET 2 OF SHEETS



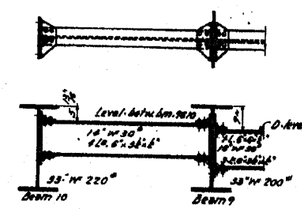
LAYOUT OF STRUCTURAL STEEL



DIAPHRAGM O
33 Req'd.



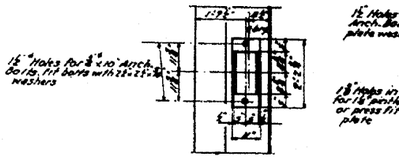
DIAPHRAGM - D1
18 Req'd.



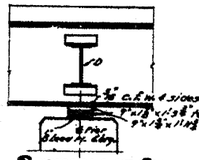
DIAPHRAGM D2 & D
5 Req'd.

GENERAL NOTES

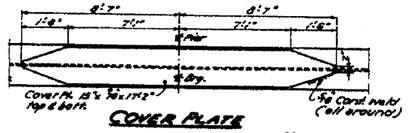
All fillets 5/16" and over shall be 1/16" except as noted.
All I-beam splices shall be symmetrical, except end and match marked. For 3 spans, punch 33 item 19.
All beams shall be shop assembled to their proper grade, and adjusted with or without diaphragms and camber examined for inspection.
All Structural Steel shall be inspected by the Illinois Division of Highways before painting. Structural Steel shall receive one shop coat of red lead paint furnished and applied by the Contractor. Spec. 711.01.
Bolts, planning, bearing plates, pins and anchor bolts shall be painted with one shop coat of red lead paint furnished and applied by the Contractor. Spec. 711.02.
Bolts, planning, bearing plates and anchor bolts shall be painted with one coat of red lead paint as specified in Section 711.02 of the Standard Specifications and as directed by the Engineer. Specifications and as directed by the Engineer.
Structural steel shall receive two finish coats of aluminum paint furnished and applied by the Contractor. Spec. 711.02.
Paint field bolted joints as for structural steel except that anchors shall not be painted.



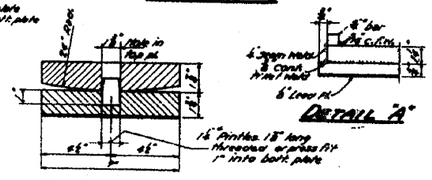
SECTION AT ABUT



SECTION AT PIER

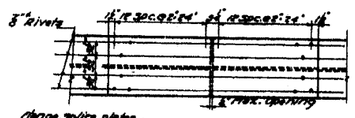


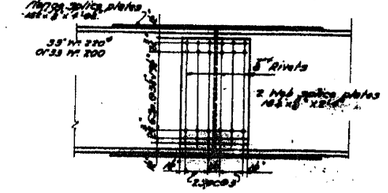
COVER PLATE



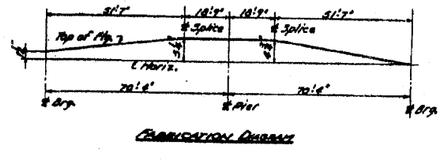
BRG. PLATE OF PIER

DETAIL "A"



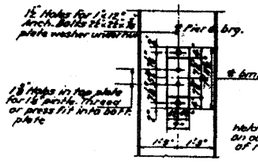


DETAIL OF SPLICE

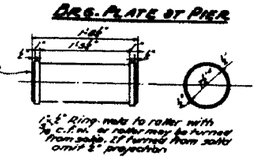


FABRICATION DIAGRAM

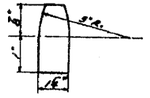
PLAN



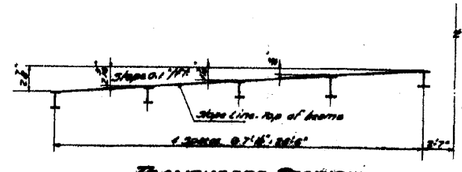
PLAN



ROLLER DETAIL



PINTLE



TRANSVERSE SECTION

DESIGNED	K. Oakeson	APRIL 9 1957
CHECKED	A.L. Owen	
DRAWN	K.O.	
CHECKED	A.L.O.	

STRUCTURAL STEEL DETAILS
PLATTE CREEK BRIDGE
F.A.R.S. Sec. 76-3 BR
WINNEBAGO COUNTY
STA. 522+82

FOR INFORMATION ONLY

FILE NAME = O:\BR\Bridge Painting\Contracts\PAINTING\64G88\PLANeng.dgn	USER NAME = linkdj	DESIGNED - ___	REVISED - ___
		DRAWN - ___	REVISED - ___
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - ___	REVISED - ___
	PLOT DATE = Sat Jan 22 07:09:16 2011	DATE - ___	REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Bridge Plans
Structure No. 101-0003

SCALE: ___ | SHEET NO. __ OF ___ SHEETS | STA. ___ TO STA. ___

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
var	D2 Bridge Painting 2011-2	Various	25	24
		CONTRACT NO. 64G88		
	ILLINOIS	FED. AID PROJECT		