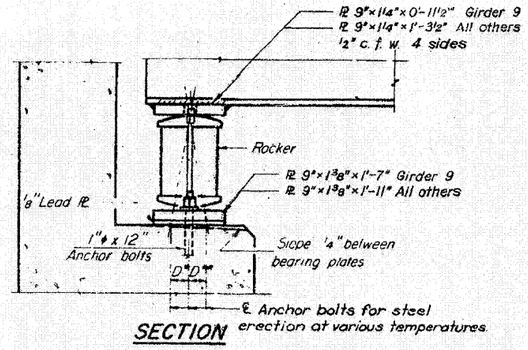
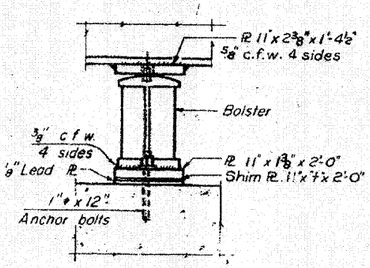
FOR INFORMATION ONLY

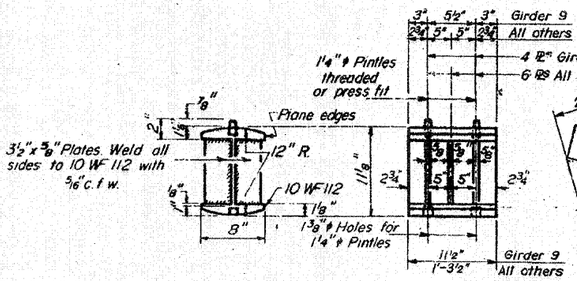
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-64	82-1HB	ST. CLAIR	110	68
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



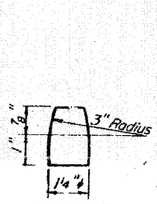
SECTION



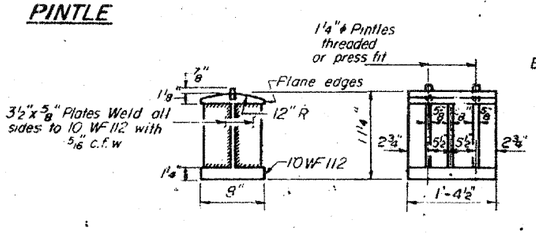
ELEVATION



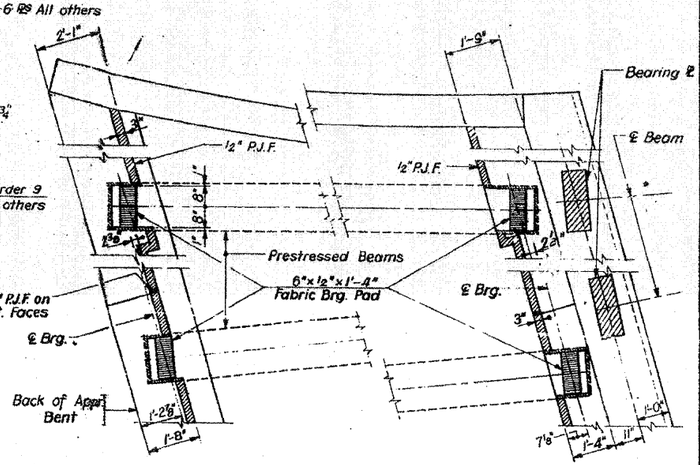
ROCKER



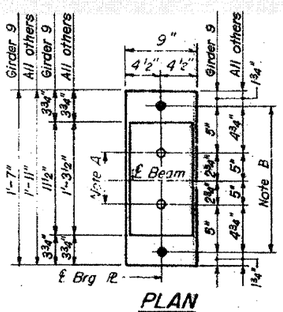
PINTLE



BOLSTER

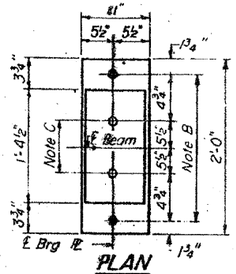


AT APPROACH BENT — PLAN — AT ABUTMENT



PLAN

AT ABUTMENT



PLAN

AT PIER

NOTE A
1⅜"ϕ Holes – 1" deep in top ℄ for pintles. Thread or press fit pintles into bolt. ℄.

NOTE B
1½"ϕ Holes for 1"ϕ anchor bolts 2½"x2½"x5/16" ℄ Washers under nut.

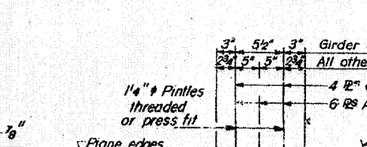
NOTE C
1⅜"ϕ Holes 1" deep in top ℄ only for 1¼"ϕ pintles.

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

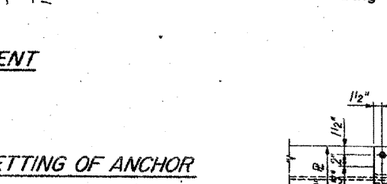
a) D* (Side of brg. away from fixed brg.)
D* = ⅛" per each 100' of expansion for every 15° fall below the normal temp. of 50°F.
D** (Side of brg. toward fixed brg.)
D** = ⅛" per each 100' of expansion for every 15° rise above the normal temp. of 50°F.

b) After beams have been erected and dimensions D* or D** determined, holes shall be drilled and anchor bolts shall be grouted in place. All fixed anchor bolts may be built into the masonry.

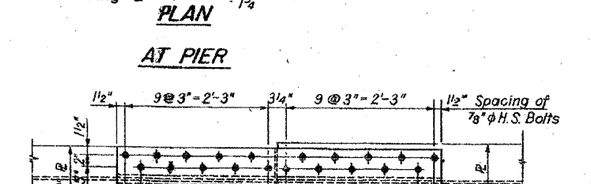
PLAN – TOP FLANGE



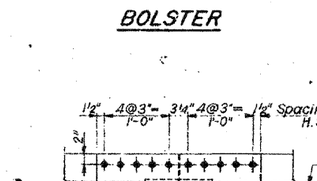
PLAN
(Top and Bott. Plates)



PLAN – BOTTOM FLANGE



ELEVATION
FIELD SPLICE #1 & #2



ELEVATION
FIELD SPLICE #3

SHIM "t" (THICKNESSES)

Location \ Girder	1	2	3	4	5	6	7	8
S. Abutment	—	—	—	—	—	—	—	—
Pier	—	—	—	—	1/4"	—	—	—
N. Abutment	—	—	—	—	3/8"	—	—	—

STATE OF ILLINOIS
DIVISION OF HIGHWAYS
BEARING DETAILS
F.A. ROUTE 12 (9TH STREET)
OVER F.A.I. ROUTE 64
STATION 55 + 62.20
F.A.I. RT. 64 ST CLAIR COUNTY SECTION 82-1HB

H. W. LOCHNER, INC. ENGINEERS
CHICAGO, ILLINOIS

SHEET 10 OF 18

DESIGNED BY H.N.
DRAWN BY V.B.
CHECKED BY H.N.

FILE NAME = DBTr1-282-0326-sht-pln11.dgn	USER NAME = moronik	DESIGNED		REVISED -
		DRAWN	PP	REVISED -
	PLOT SCALE = 480.000 ' / ft.	CHECKED	AB	REVISED -
	PLOT DATE = MAR. 31, 2011	DATE	03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN – 9TH STREET

SCALE: NONE | SHEET NO. 11 OF 19 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	272
•	9166/9180/9213/9214	CONTRACT NO. 76C51		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		