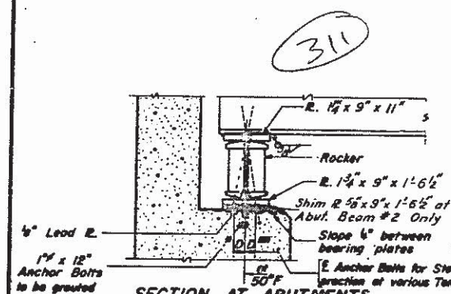
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.408	84-9-(4 AHD-21)	Sangamon	109	41

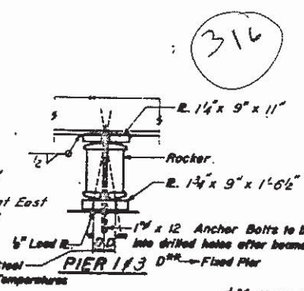
SHEET NO. 7
13 SHEETS

TOP OF BEAM ELEVATIONS

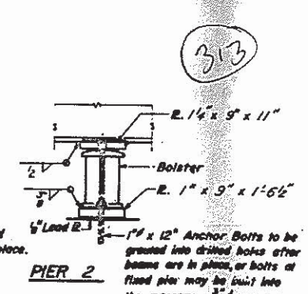
Loc. / Beams	℄ Brg. W. Abut.	℄ Brg. Pier 1	℄ Splice #1	℄ Brg. Pier 2	℄ Splice #2	℄ Splice #3	℄ Brg. Pier 3	℄ Brg. E. Abut.
1	614.06	614.08	614.09	614.16	614.18	614.26	614.30	614.44
2	613.90	613.94	613.95	614.04	614.07	614.18	614.23	614.39
3	613.74	613.80	613.81	613.92	613.96	614.10	614.15	614.34



SECTION AT ABUTMENTS

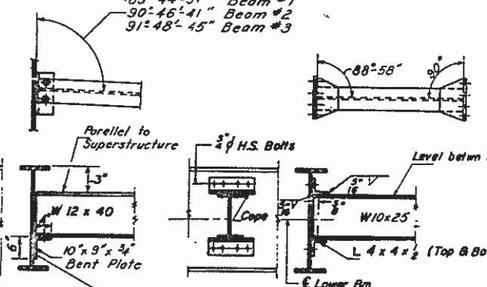


PIER 1 & 3



PIER 2

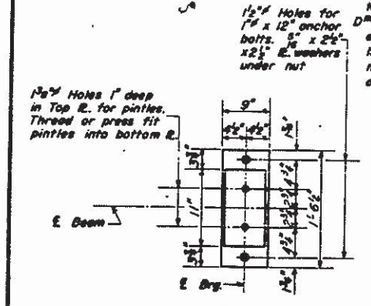
ANGLE B
88°-42'-33" Existing Beam
89°-44'-37" Beam #1
90°-46'-41" Beam #2
91°-48'-45" Beam #3



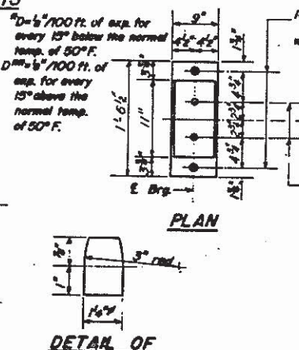
DIAPHRAGM D
6 Required

DIAPHRAGM D1
24 Required

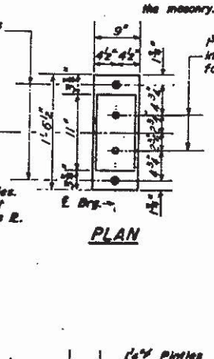
Do not weld Bent ℄ to web of existing beam. Connect diaphragm to existing beam by shoring existing diaphragm and using Five ¾" ø bolts to match existing connection.



PLAN

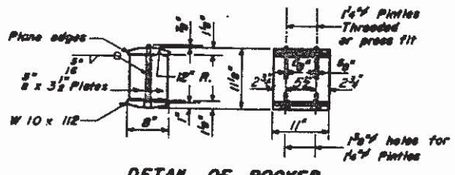


PLAN

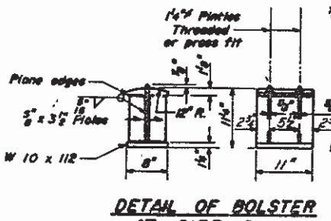


PLAN

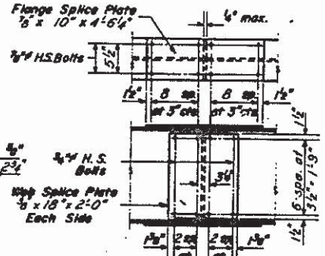
DETAIL OF PINTLE



DETAIL OF ROCKER AT ABUTS. & PIER 1 & 3



DETAIL OF BOLSTER AT PIER 2



DETAIL OF SPLICES

STRUCTURAL STEEL
SOUTH BRIDGE
F.A. RT. 408 SEC. 84-9-(4,4118-21)
SANGAMON COUNTY
STATION 673+99.49

DESIGNED	Suresh T. Desai		
CHECKED	Hue-Hwa Lee	P.E.	
R.E. Supervisor	M.P.S.		
DRAWN	W. A. Sassaman Jr.		
CHECKED	Lee		

July 29 '73
M. E. Baumann
Roger F. Nusbaum

I-2 7-2-62 Rev. 11-9-62 Rev. 8-16-63 Rev. 12-10-63 Rev. 8-1-70

FILE NAME =	USER NAME = dudleybn	DESIGNED -	REVISED -
D:\OPERATIONS\Bridgeplans_CAD\72H37 - beam end paint FY15 CH\plansheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
Default	PLOT DATE = Aug-28-2014 01:44:48PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS SN 084-0076 & 084-0077
(FOR INFORMATION ONLY)
SCALE: ____ | SHEET ___ OF ___ SHEETS | STA. ____ TO STA. ____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BDGE PAINTING 2015-1	VARIOUS	58	58
		CONTRACT NO. 72H37		
		ILLINOIS FED. AID PROJECT		