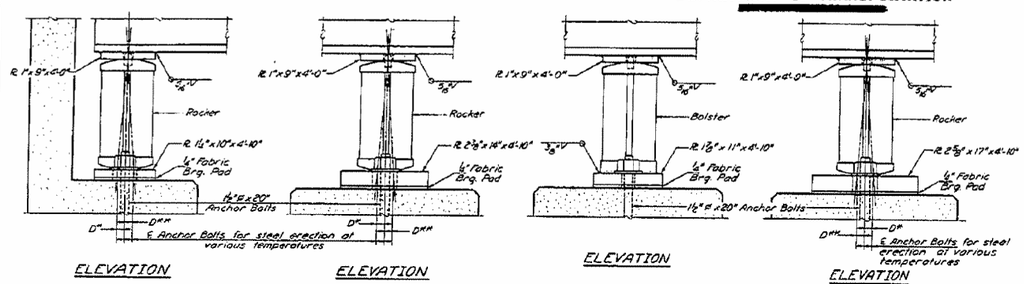
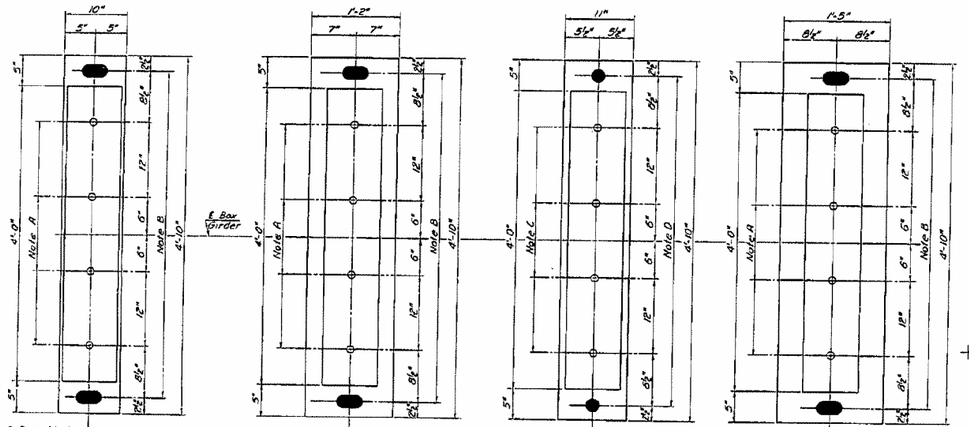
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	DISTRICT	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. RTE. 102&R	SHELBY	61	18	11



ELEVATION ELEVATION ELEVATION ELEVATION



PLAN AT ABUTMENTS
PLAN AT PIERS 1 & 3
PLAN AT PIER 2
PLAN AT PIER 4

NOTE A
1⅜" ø Holes - 1" deep in top R. for pintles. Thread or press fit pintles into bottom R.

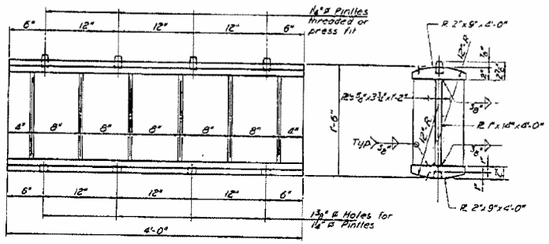
NOTE B
2"x6" Slotted holes for ¾" ø anchor bolts. ⅝"x3"x3" R. washers under nut.

NOTE C
1⅜" ø Holes - 1" deep in top R. only for ¾" ø pintles.

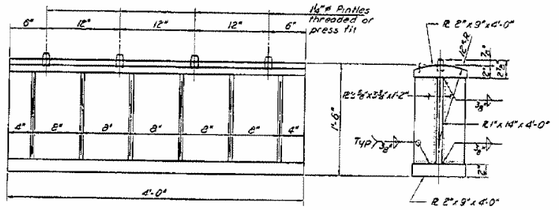
NOTE D
2" ø Holes for 1¼" ø anchor bolts. ⅝"x3"x3" R. washers under nut.

DESIGNED	
CHECKED	
DRAWN	G.M. Ritchie
CHECKED	S. L.

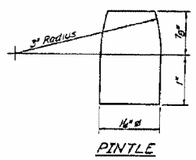
EXAMINED
PASSED
APPROVED
DIRECTOR OF HIGHWAYS



ROCKER



BOLSTER



PINTLE

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

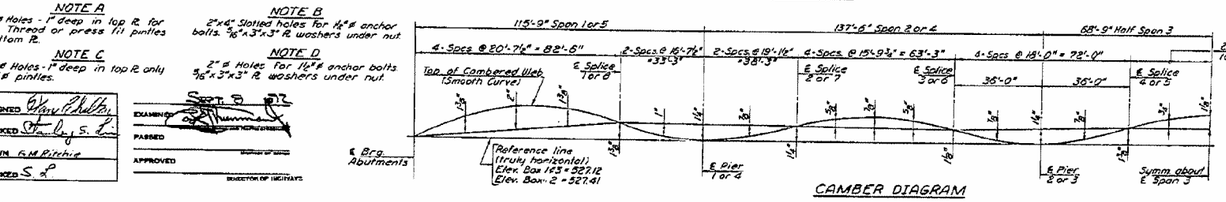
a) D" (Side of brg. away from fixed brg.)
D" = ⅛" per each 100° of expansion for every 15° fall below the normal temperature of 50° F.
D"' (Side of brg. toward fixed brg.)
D"' = ⅛" per each 100° of expansion for every 15° rise above the normal temperature of 50° F.

b) Before girders are erected holes shall be drilled and anchor bolts shall be grouted in place. D" or D"' adjustments shall be accomplished utilizing slotted holes in bottom bearing plate. All fixed anchor bolts may be built into the masonry.

TOP OF WEB ELEVATIONS
(For fabrication only)

	Box 1 & 3	Box 2
℄ Brg. No. 1 & 5 Abuts., ℄ Piers 2, 4 thru 6	527.12	527.41
℄ Splice 1 or 8 ###	527.23	527.52
℄ Splice 2 or 7 ###	527.28	527.57
℄ Splice 3 or 6 ###	527.31	527.60
℄ Splice 4 or 5 ###	527.23	527.52

Before any deflection



CAMBER DIAGRAM

BEARING DETAILS
S.B.I. RT. 128 - SEC. 102BR
SHELBY COUNTY
STA. 663+82.5

• D7 BRIDGE PAINTING 2014-2

FILE NAME = c:\pw_work\pwidot\steffenmk\d0344554\D774620-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/6/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
S.N. 087-0023

SCALE: N/A | SHEET 15 OF 15 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325 774	•	SHELBY	18	18
		CONTRACT NO. 74620		
	ILLINOIS FED. AID PROJECT			