



Note "A"  
1 3/8"  $\phi$  Holes-1" deep in top  $\bar{r}$  for 1 1/4"  $\phi$  Pintles. Thread or press fit pintles in bottom  $\bar{r}$ .

Note "B"  
1 1/2"  $\phi$  Holes for 1"  $\phi$  Anchor Bolts-5/16" x 2 1/2" x 2 1/2"  $\bar{r}$  washer under nut.

Note "C"  
1 3/8"  $\phi$  Holes-1" deep in top  $\bar{r}$  only for 1 1/4"  $\phi$  Pintles.

**BEARING ASSEMBLY DETAILS**  
(Beams #1 & #14 Only)

**NOTES FOR SETTING OF ANCHOR BOLTS AT EXPANSION BEARINGS**

- a.) D\* (Side of brg. away from fixed brg.)  
D\* = 1/8" per each 100' of expansion for every 15° fall below the normal temp. of 50° F.
- D\*\* (Side of brg. toward fixed brg.)  
D\*\* = 1/8" per each 100' of expansion for every 15° rise above the normal temp. of 50° F.
- b.) After girders have been erected and dimensions D\* & D\*\* determined, holes shall be drilled and anchor bolts shall be installed as shown on Sheets 25, 28, 31, 34, 37 & 38 of 44. All fixed anchor bolts may be built into the masonry.

Note:  
Existing Bearing at piers #1, #2 & #3 for beams, 2, 6, 7, 8, 9 & 13 shall be removed and reinstalled for the pier cap removal and replacement. Cost to be included with Temporary Shoring and Cribbing.

Corporate License Number 184-001-084

**BEARING DETAILS**  
F.A.I. 72 OVER UNION PACIFIC RAILROAD  
SECTION (84-9-4)A, HBK, BY, BY-1  
SANGAMON COUNTY  
STATION 608+51.98  
STR NO. 084-0074 EB - 084-0075 WB

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JOB#

96S2002B

DATE

01/12/06

sFILE\$ 12/16/2006

LAYOUT	MM	06/27/03
DRAWN	DAP	07/17/03
REVIEWED	JMM	10/27/03