

HANDWRITTEN:

12/22/89

TO: Bridge Division Design Sections

SUBJECT: Anchor bolt/diaphragm connection pole interference

Interference of anchor bolts with the diaphragm connection plate at exterior beams may occur when the current (6/13/89) standard connection is used at the int. bents of continuous beams, particularly if Type B shoes are used (such as with a <mailto:3@30'=90> 3 @ 30' = 90' cont. unit). A slight (4"-6" offset of the diaphragm row from the \perp bearing will eliminate the interference and have minimum effect on the structural functioning of the diaphragms. Other solutions could involve offsetting the anchor bolts from the \perp shoe (possible for elastomeric bearings) or modifying the connection plate.