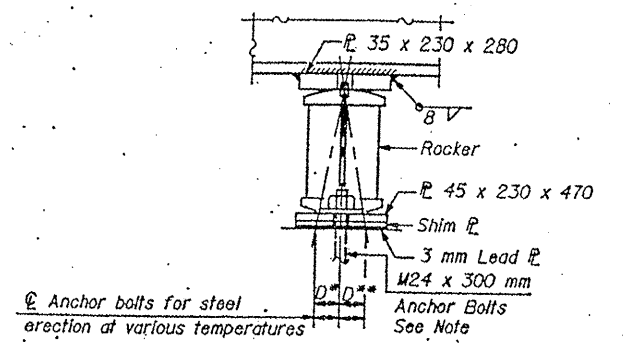
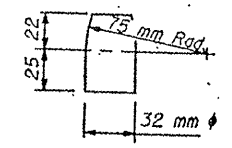


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 338 & 349	2010-022 BP	DUPAGE & KENDALL	25	23

CONTRACT NO. 60K49

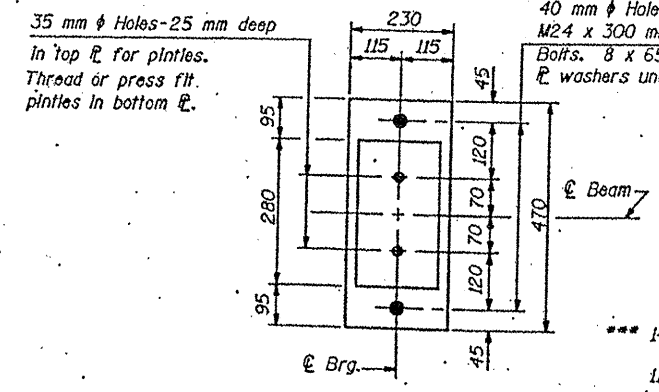


PIER 1



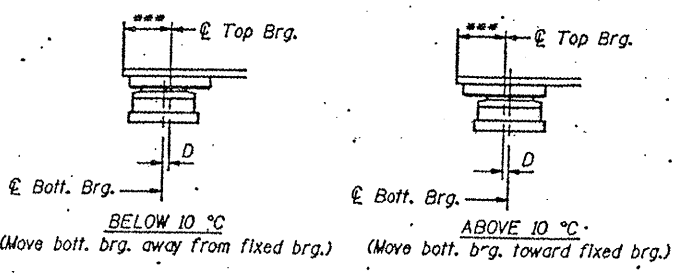
DETAIL OF PINTLE

*D=1 mm/10 m of exp. for every 8°C below the normal temp. of 10°C.
 **D=1 mm/10 m of exp. for every 8°C above the normal temp. of 10°C.



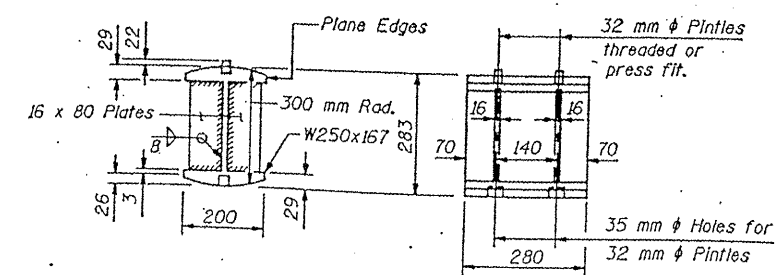
PLAN

*** 140 Existing Beams 1 thru 8
 114 Proposed Beams 9,10 & 11 W. Abutment
 106 Proposed Beams 9,10 & 11 E. Abutment



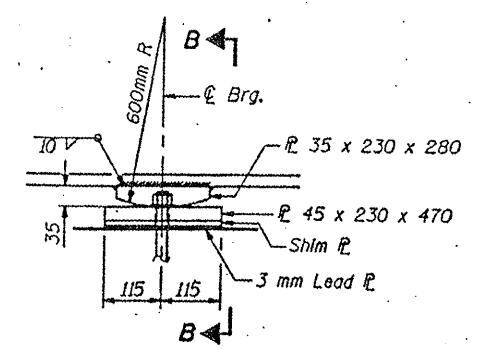
SETTING ANCHOR BOLTS AT EXP. BRG.

D = 1mm per each 10m of expansion for every 8°C temp. change from the normal temp. of 10°C.

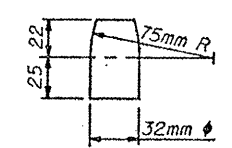


DETAIL OF ROCKER AT PIER 1

PIER 1 BEARING DETAILS (3 Req'd.)



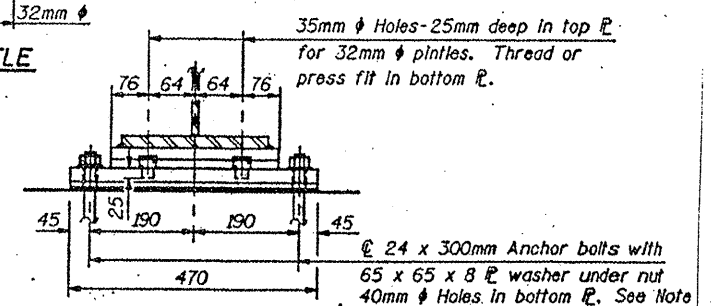
ELEVATION AT PIER



PINTLE

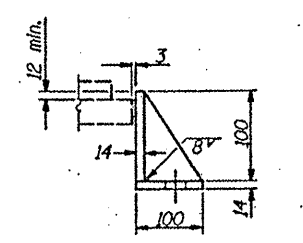
FIXED BEARING

PIER 2 BEARING DETAILS (3 Req'd.)

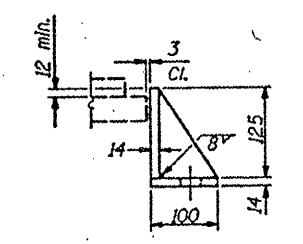


SECTION B-B

Note: See sheet #19 for anchor bolt installation. Anchor bolts at fixed bearings may be built into the masonry.
 All dimensions are in millimeters (mm) except as noted.



SIDE RETAINER EAST ABUTMENT 22 Req'd.



SIDE RETAINER WEST ABUTMENT 22 Req'd.

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING BRIDGE PLAN
 LOCATION 4: SN 047-0030