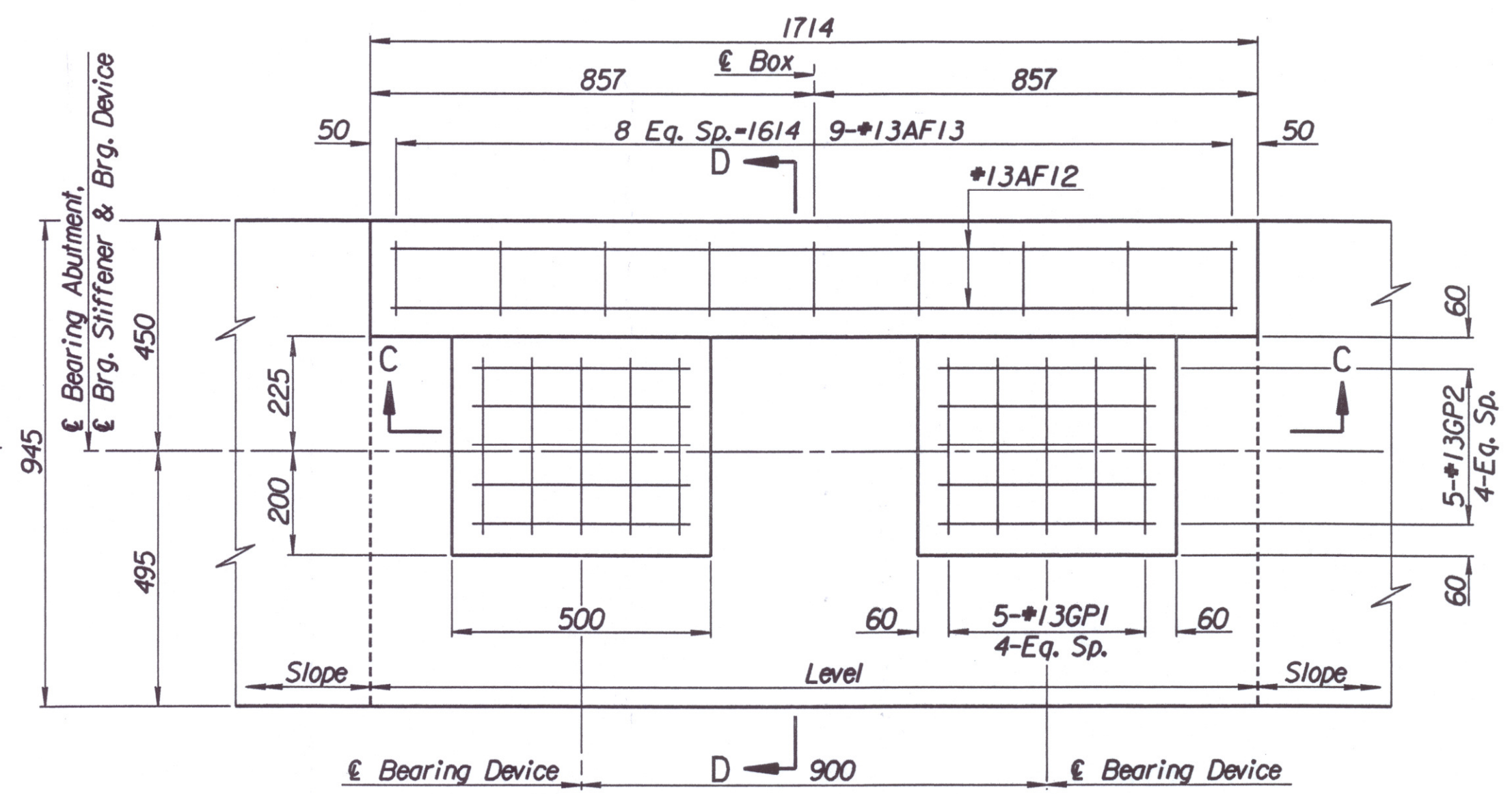
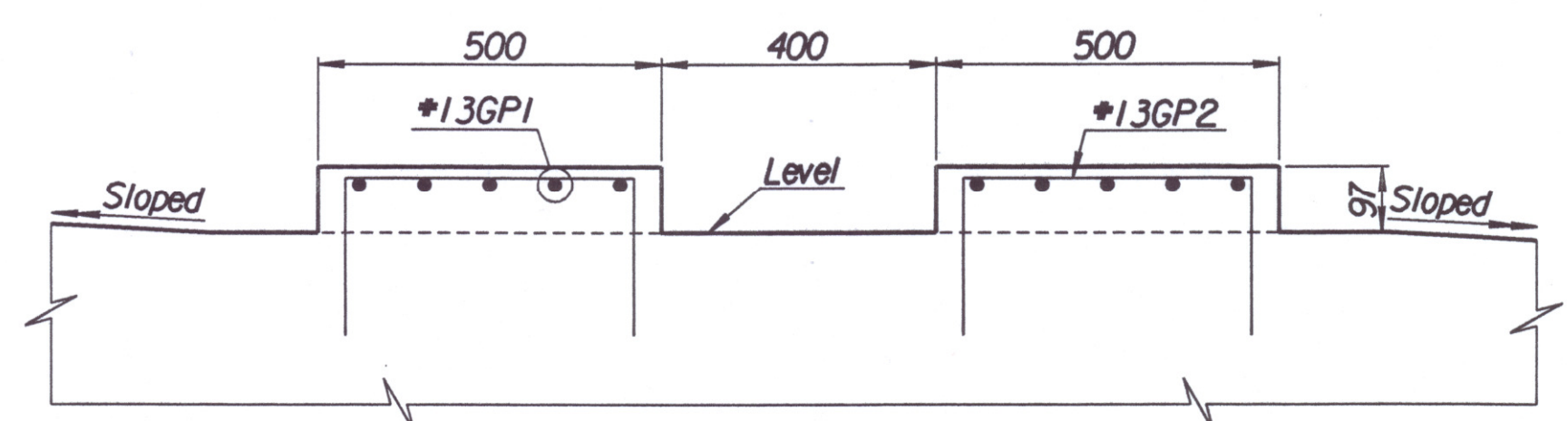


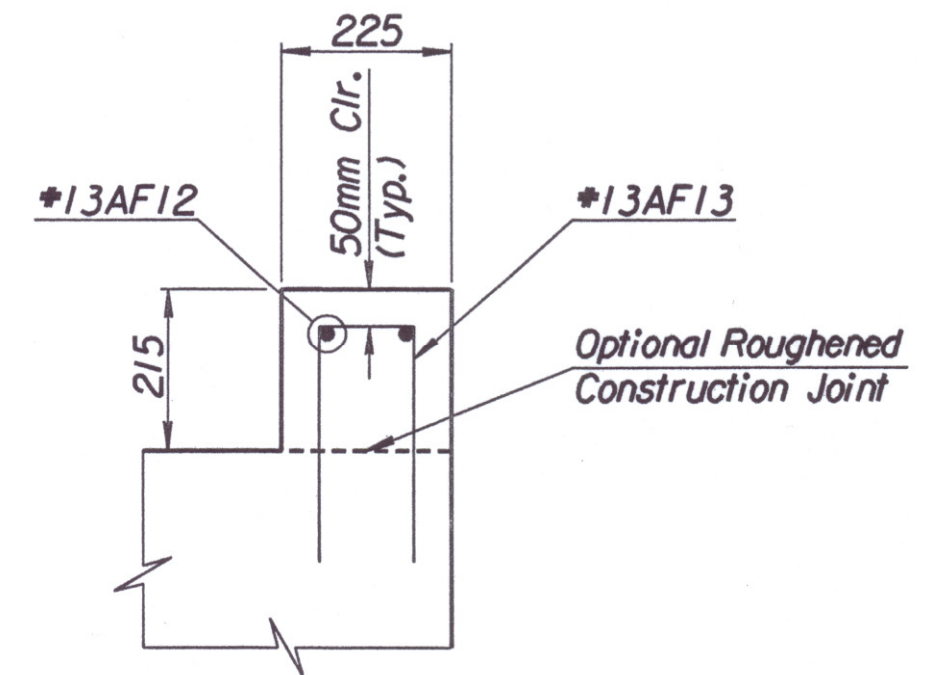
SECTION A-A



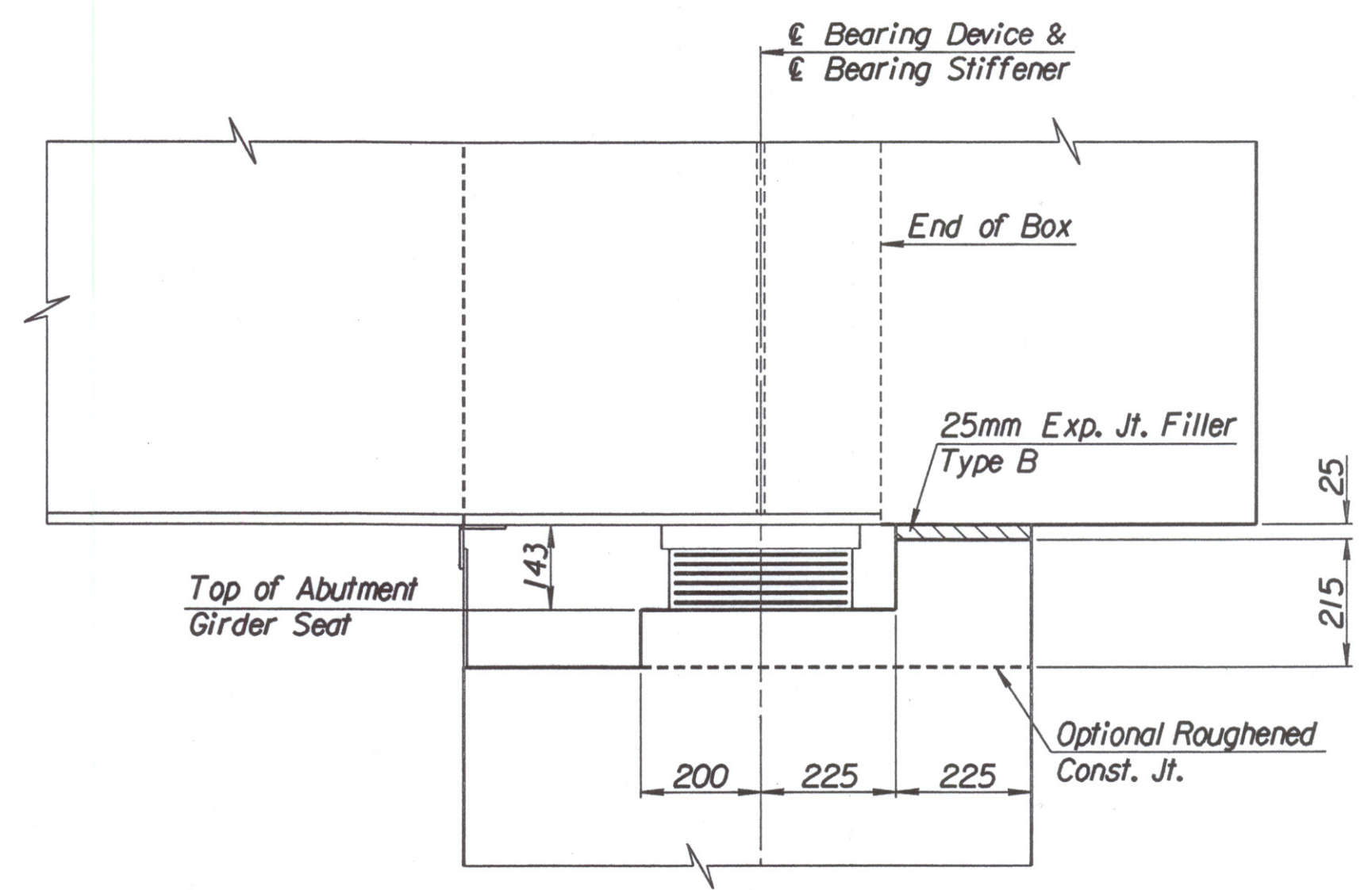
GIRDER SEAT DETAIL



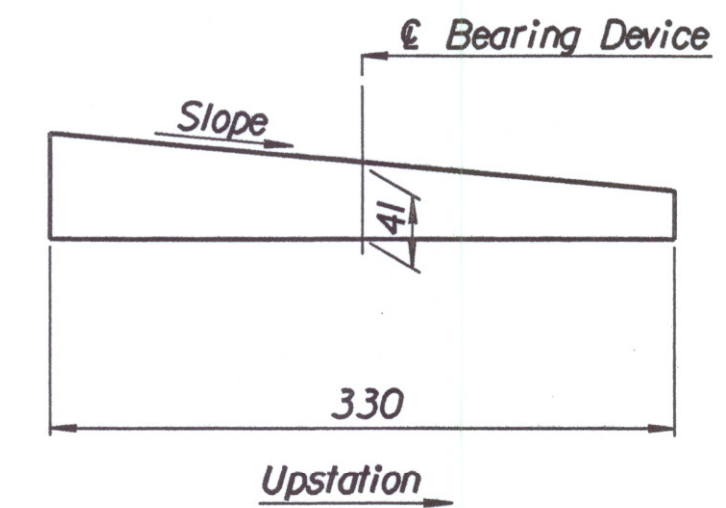
SECTION C-C



SECTION D-D

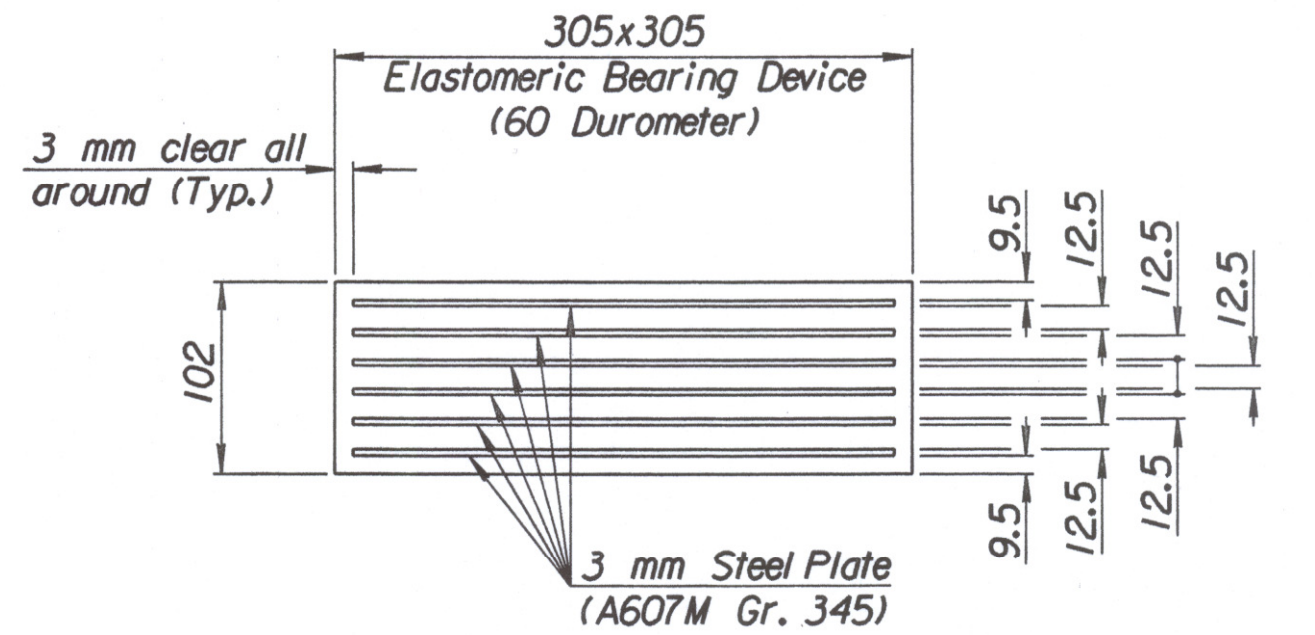


SECTION B-B



BEVELED SOLE PLATE DETAIL

LOCATION	SLOPE
Abut. #1	0.00%
Abut. #2	0.90%

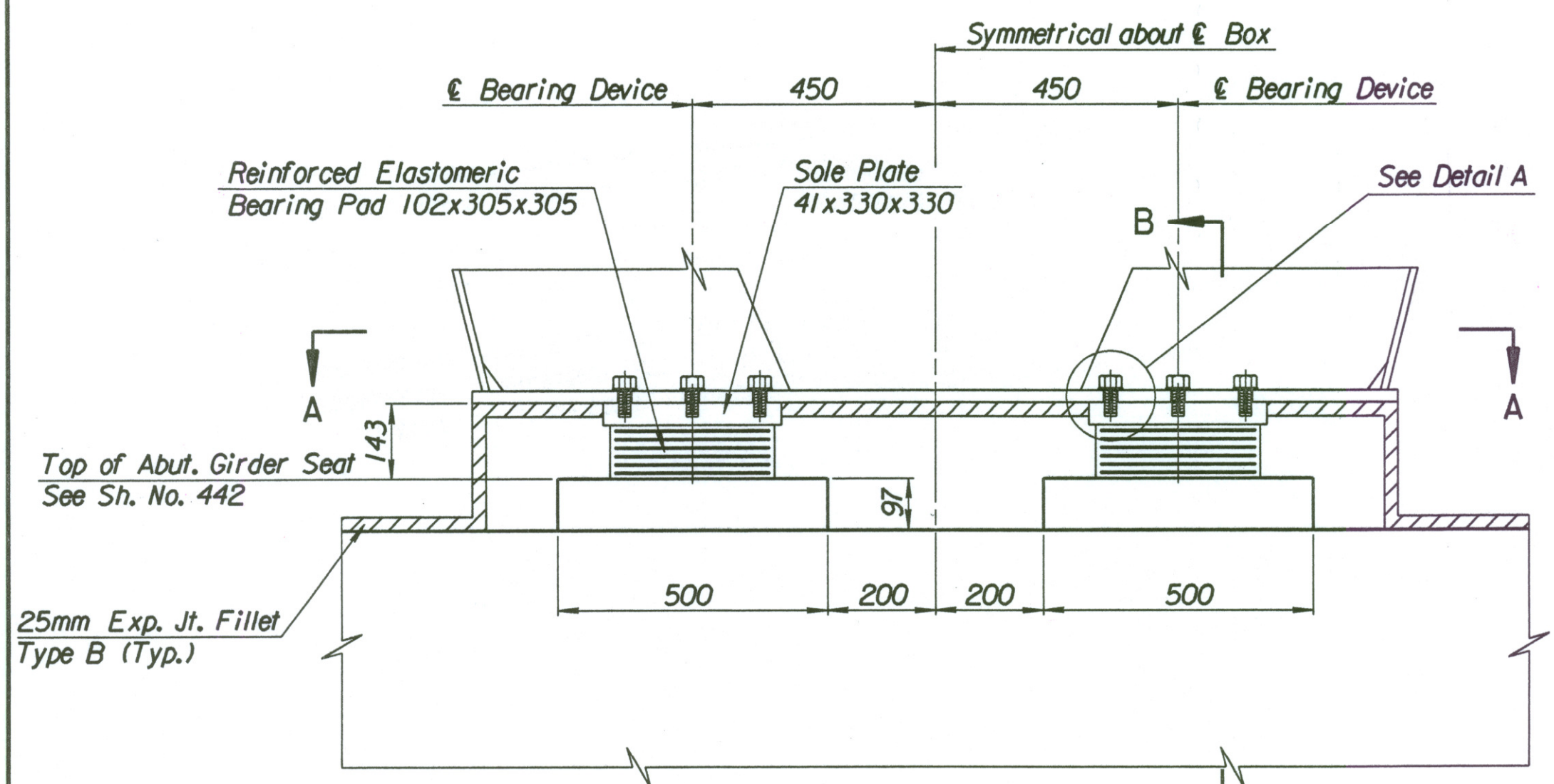


ELASTOMERIC BEARING DEVICE  
(16 Required per Bridge)

**ELASTOMERIC BEARING DEVICES:**  
 The Elastomeric Bearing Devices shall be bonded to the (A709M Gr. 345) steel sole plates by a vulcanizing process after which the sole plates shall receive a shop coat of Inorganic Zinc Primer. All exposed surfaces of the sole plates shall receive the water-borne acrylic finish coat after the plates have been welded to the bottom of the girder. The sole plate is to be included in the bid item "Elastomeric Bearing Devices" and furnished by the bearing device fabricator.

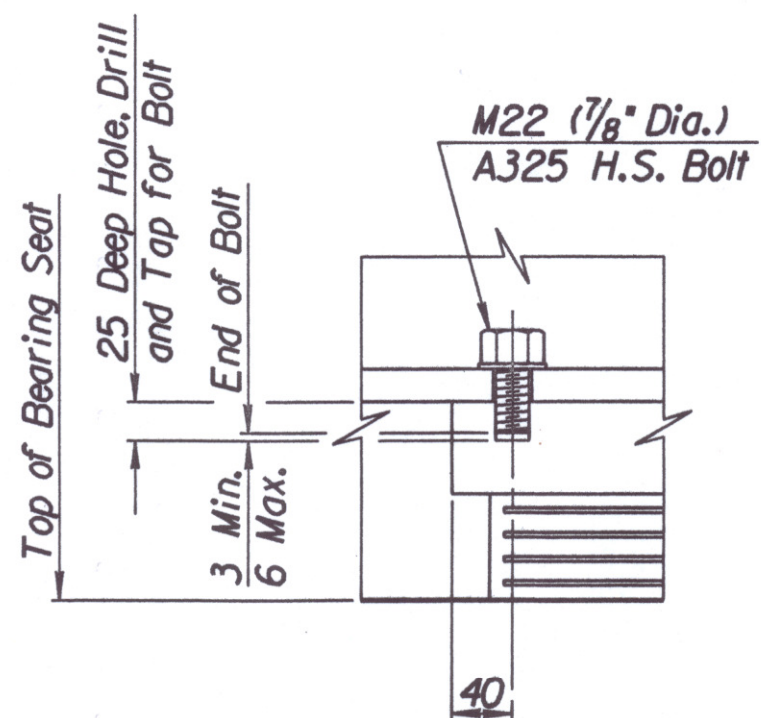
**STEEL REINFORCED ELASTOMERIC BEARINGS:**  
 Bearings were designed using the provisions of Method A of the AASHTO Specifications.

**ADDENDUM #1:**  
 Sheet 448 Add the following notes:  
 1. The TFE Elastomeric Bearing Devices shall be designed to provide the following minimum capacities:  
 Vertical Load: 475 kN (107 kips)  
 Rotation: 0.02 radians  
 Total Horizontal Movement: 75 mm.  
 2. The TFE Elastomeric Bearing Devices shall be comprised of masonry plates with attached studs, sole plates, uni-directional keeper plates, stainless steel plates, and a teflon-coated plate to accommodate sliding. The devices shall comply in general with the applicable notes of plan sheet 578. The grout pad elevations shown in the plans may need to be adjusted to accommodate the bearing devices actually used at the bridge abutments.



Note:  
 Sole Plate may be Shop Welded to the Bottom Flange in lieu of using bolts or by Plug Welds in the field.

TYPICAL SECTION B



DETAIL A

Drawn by: wil  
 Plotted by: drp 3-22-2002  
 i:/1997/97362/001/bridge/maizerd/auxabut

No.	Revisions	By	Date

CITY OF WICHITA  
 BR. NO. 54-87-19.05 (489) W.B. STA. 15+612.397  
 BR. NO. 54-87-19.06 (491) E.B. STA. 15+612.397

**AUXILIARY ABUTMENT DETAILS**  
 KELLOGG (US-54)  
 OVER MAIZE ROAD  
 SEDGWICK COUNTY

Professional Engineering Consultants, P.A.  
 303 S. TOPEKA • WICHITA, KANSAS 67202  
 316-262-2691 • FAX 316-262-3003

Designed by P.D.F. Checked by R.A.S.  
 Drawn by W.L.L. Date April, 2002 Job No. 97362