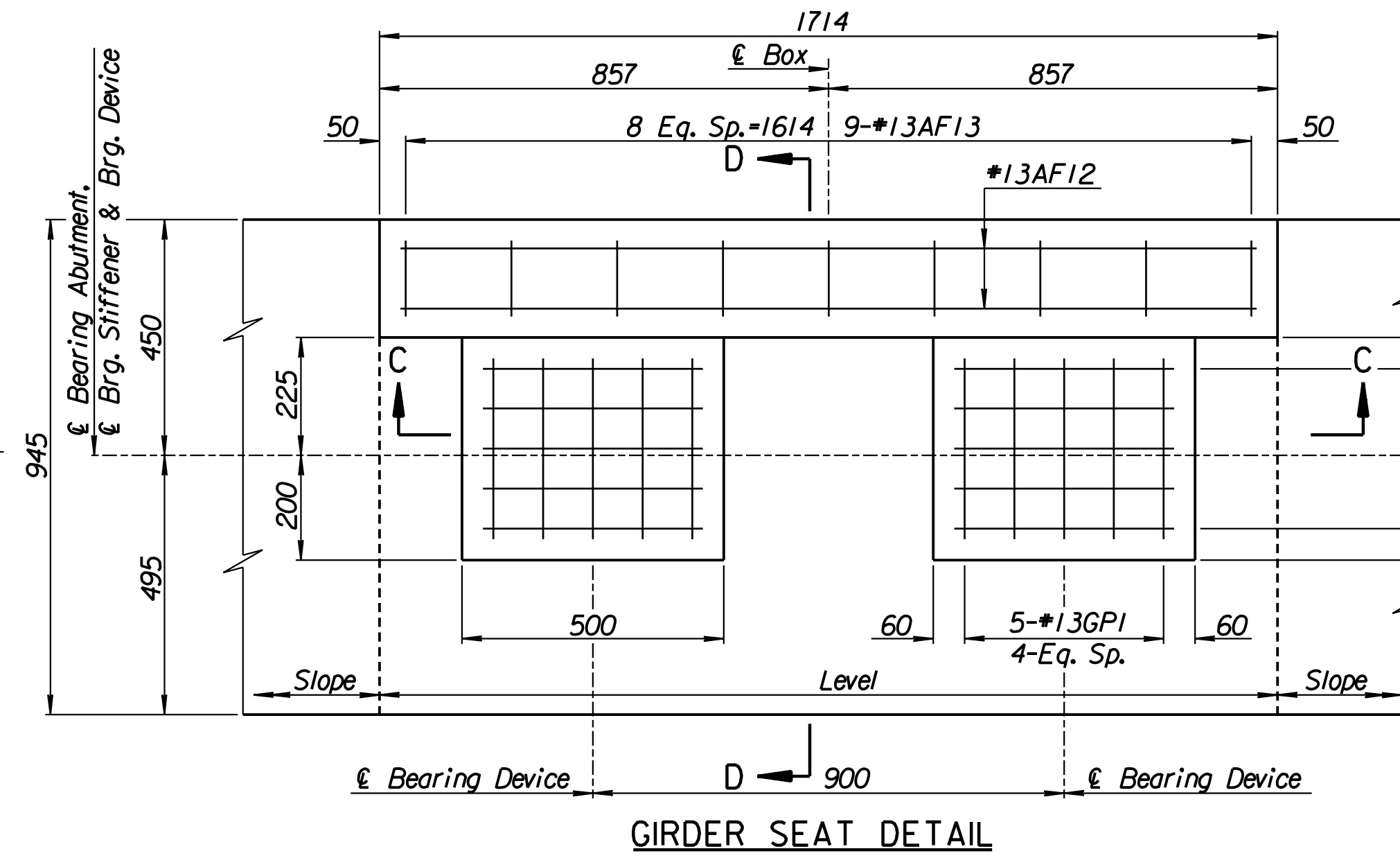
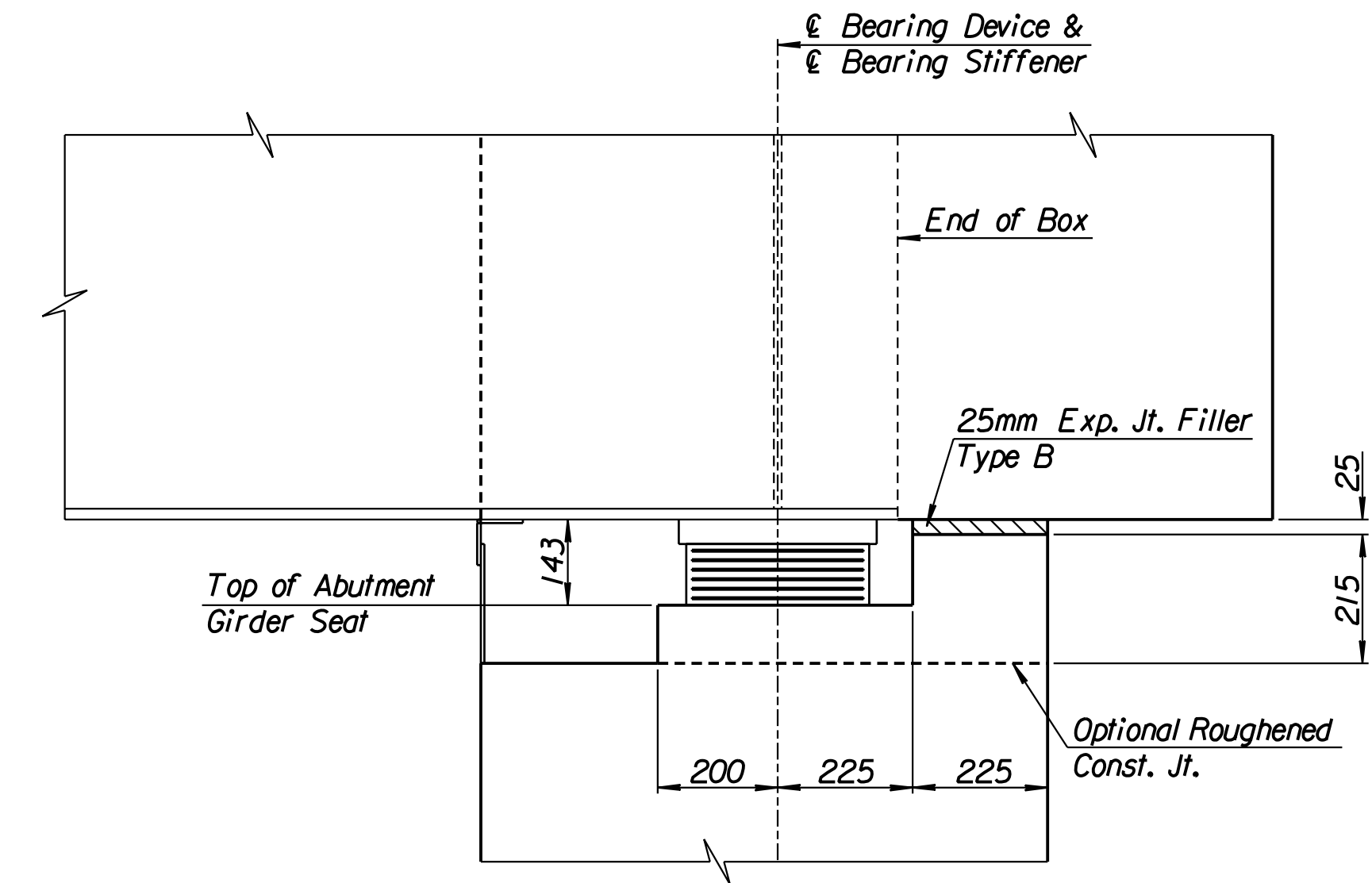


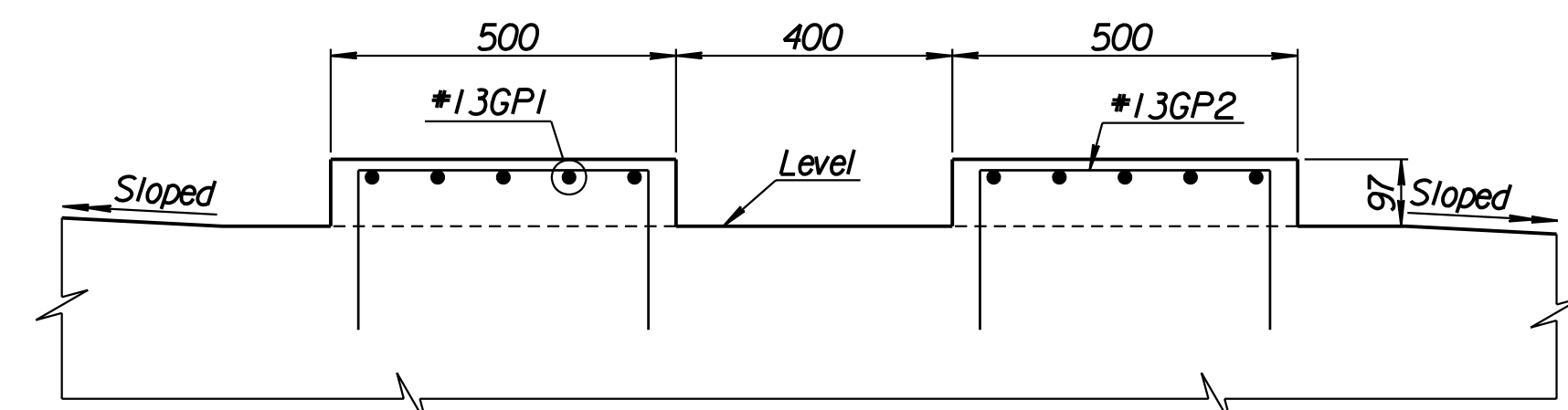
SECTION A-A



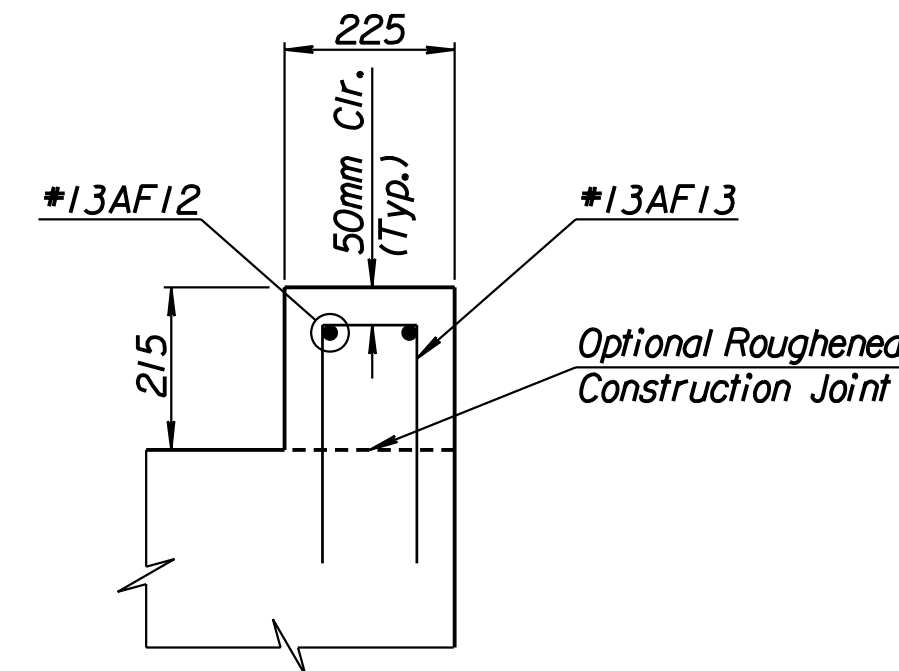
GIRDER SEAT DETAIL



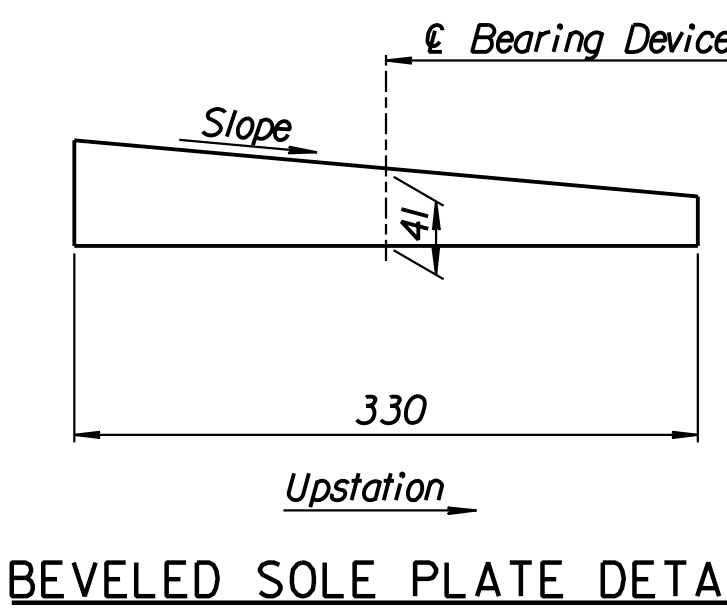
SECTION B-B



SECTION C-C

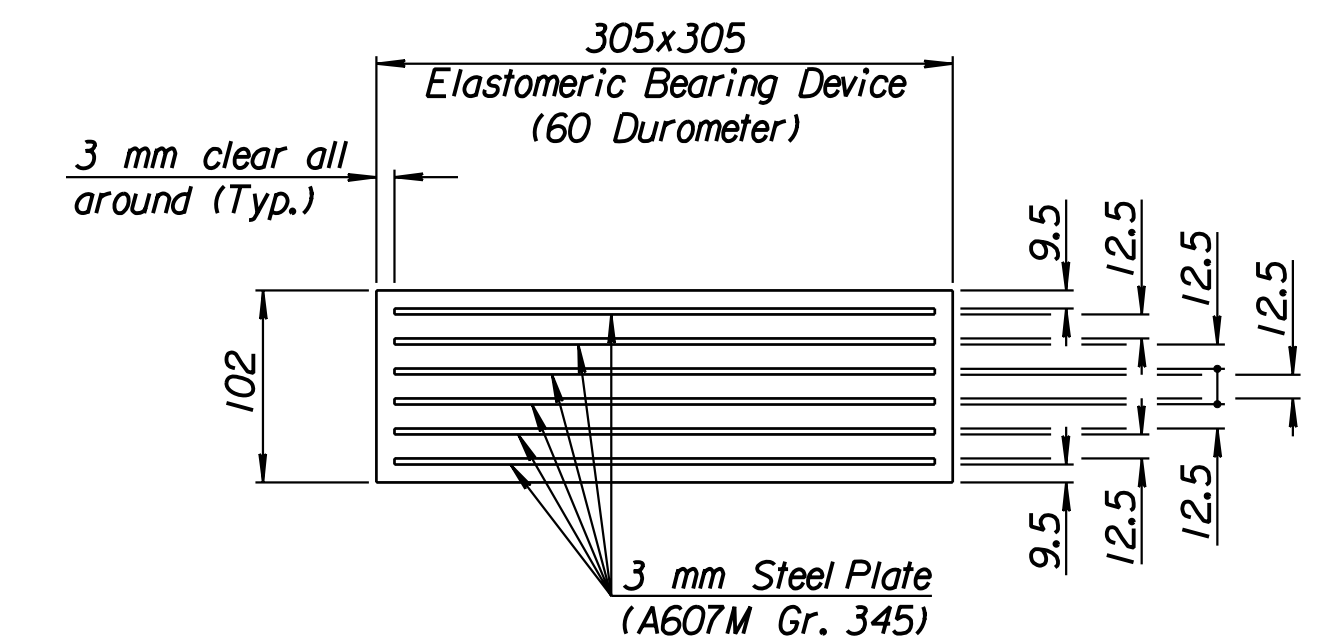


SECTION D-D



BEVELED SOLE PLATE DETAIL

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



ELASTOMERIC BEARING DEVICE  
(16 Required per Bridge)

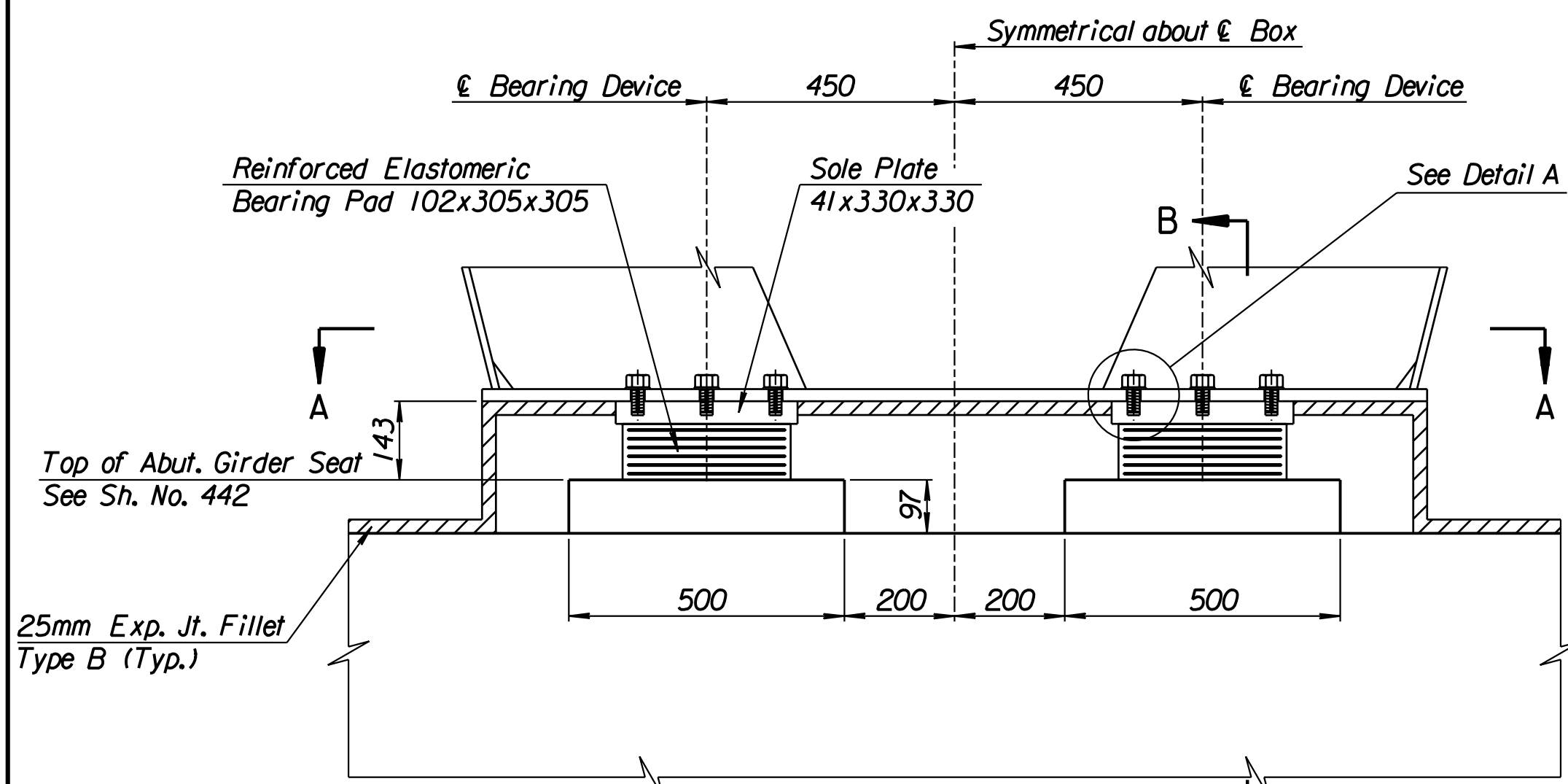
**ELASTOMERIC BEARING DEVICES:**  
The Elastomeric Bearing Devices shall be bonded to the (A709M Gr. 345) steel sole plates by a vulcanizing process after which the sole plates shall receive a shop coat of Inorganic Zinc Primer. All exposed surfaces of the sole plates shall receive the water-borne acrylic 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:**

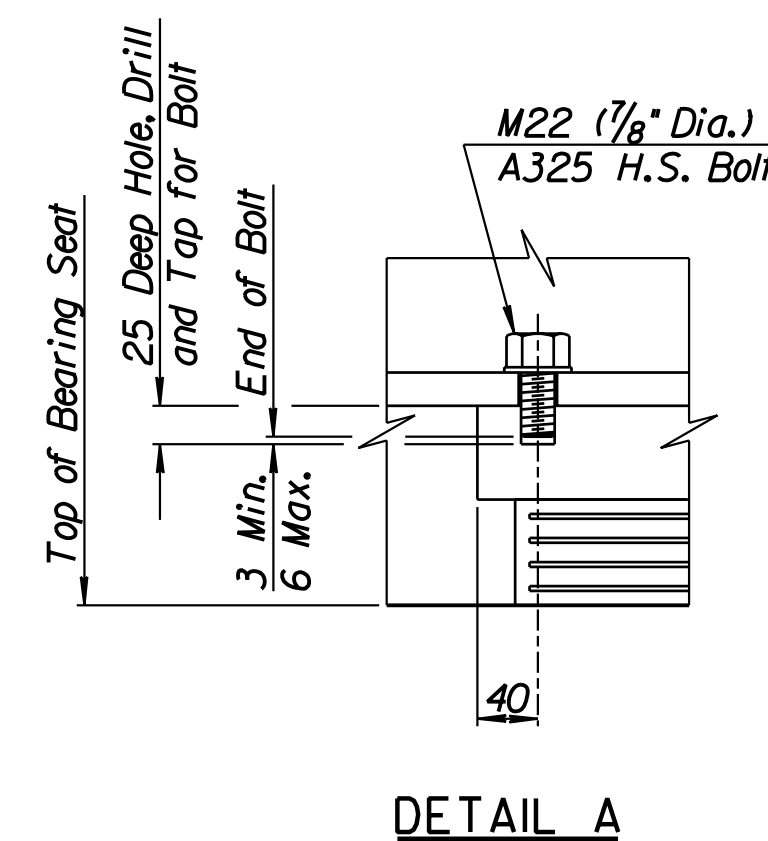
Sheet 448 Add the following Notes:

- 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
- 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 gout pod elevations shown in the plans may need to be adjusted to accommodate the bearing devices actually used of the bridge abutments.



TYPICAL SECTION B

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



DETAIL A

**RECORD DRAWING**

1			
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			
<b>AUXILIARY ABUTMENT DETAILS</b> KELLOGG (US-54) OVER MAIZE ROAD SEDGWICK COUNTY			
<b>Professional Engineering Consultants, P.A.</b> 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 11, 2002 Job No. 97362

Drawn by: wil  
 I:\1997\97362\As-Builts\dgn\vol\_3\Sh 448-AUXABUT.dgn Last Rev: 8-30-07 By: gdr