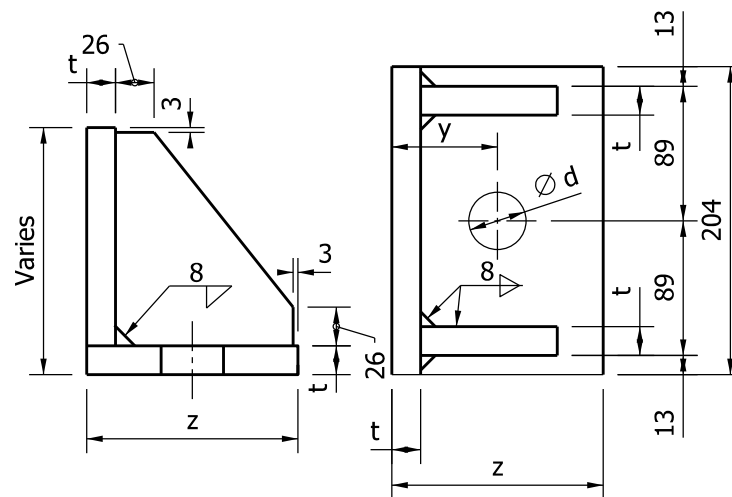
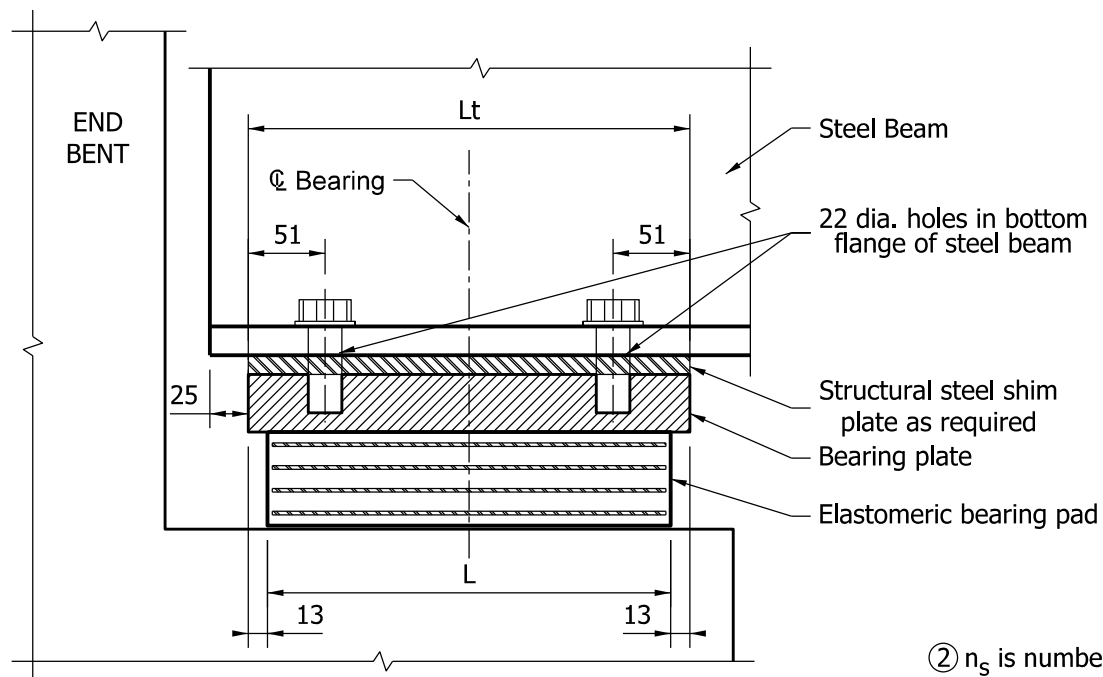


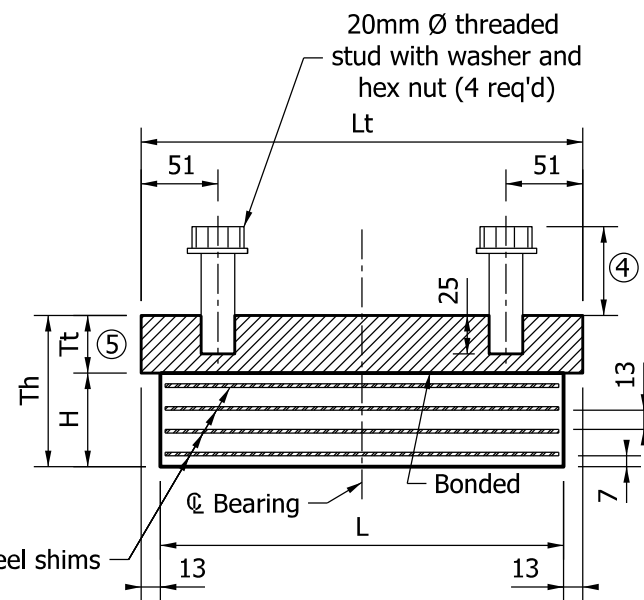
**CROSS SECTION THROUGH ASSEMBLY**



**DETAIL A ③**



**LONGITUDINAL SECTION THROUGH ASSEMBLY**



**BEARING ASSEMBLY**

②  $n_s$  is number of steel shims

**NOTES:**

1. The bearing plate size shall be calculated as follows:  
 $Lt = L + 25 \text{ mm}$     $Wt = Wf + 50 \text{ mm}$    or    $Wt = W + 50 \text{ mm}$  whichever is greater.
- ② The shim thickness is 2.657 mm, which corresponds to 12 gage stainless coils.
- ③ Equivalent rolled angle shape with stiffeners may be used in lieu of welded plates.
- ④ Minimum dimension required is 38 mm + flange thickness + 8 mm (for shim plate).
- ⑤ Minimum thickness 38 mm.
6. See standard drawing 726-BEBP-04 for Table of Dimensions.

**TABLE 1**

ANCHOR BOLT SIZE		
BEARING SIZE		BOLT SIZE
S1	279 x 203	M24 x 300
S2	305 x 229	M24 x 300
S3	330 x 254	M24 x 300
S4	381 x 279	M30 x 380
S5	406 x 305	M30 x 380
S6	508 x 330	M36 x 450
S7	508 x 381	M36 x 450

**TABLE 2**

BOLT DIA.	y	z	t	d
24	54	100	12	27
30	60	120	12	33
36	70	140	16	39

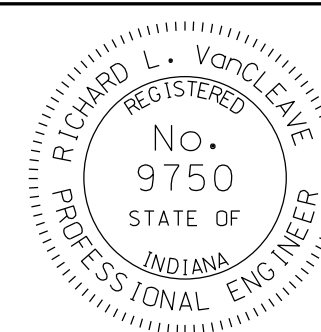
All Dimensions are in mm unless otherwise specified.

**INDIANA DEPARTMENT OF TRANSPORTATION**

**BRIDGE ELASTOMERIC BEARING PADS  
TYPE S - FOR STEEL BEAMS**

**SEPTEMBER 2009**

**STANDARD DRAWING NO. 726-BEBP-03**



DESIGN STANDARDS ENGINEER

*/s/ Richard L. VanCleave*      09/01/09  
DESIGN STANDARDS ENGINEER      DATE

*/s/ Mark A. Miller*      09/01/09  
CHIEF HIGHWAY ENGINEER      DATE