

### DIMENSIONS FOR I-BEAM PADS

PAD	A	B	C	*MAXIMUM REACTION	MAXIMUM MOVEMENT (One Direction)
1F	14"	10"	2~0.12" x 13.630" x 9.630"	121k	0.5"
2F	16"	10"	2~0.12" x 15.630" x 9.630"	146k	0.5"
3F	20"	10"	2~0.12" x 19.630" x 9.630"	197k	0.5"
4F	24"	10"	2~0.12" x 23.630" x 9.630"	251k	0.5"
5F	24"	11"	2~0.12" x 23.630" x 10.630"	265k	0.5"

\* Use actual reactions to determine anchorage requirements for pads.

### DIMENSIONS FOR I-BEAM PADS

PAD	A	B	C	*MAXIMUM REACTION	MAXIMUM MOVEMENT (One Direction)
1E	14"	10"	6~0.12" x 13.630" x 9.630"	121k	1.22"
2E	16"	10"	6~0.12" x 15.630" x 9.630"	146k	1.22"
3E	20"	10"	6~0.12" x 19.630" x 9.630"	197k	1.22"
4E	24"	10"	6~0.12" x 23.630" x 9.630"	251k	1.22"
5E	24"	11"	7~0.12" x 23.630" x 10.630"	265k	1.44"

\* These reactions are based on service loads, use actual reactions to determine anchorage requirements for pads.

### GENERAL NOTES

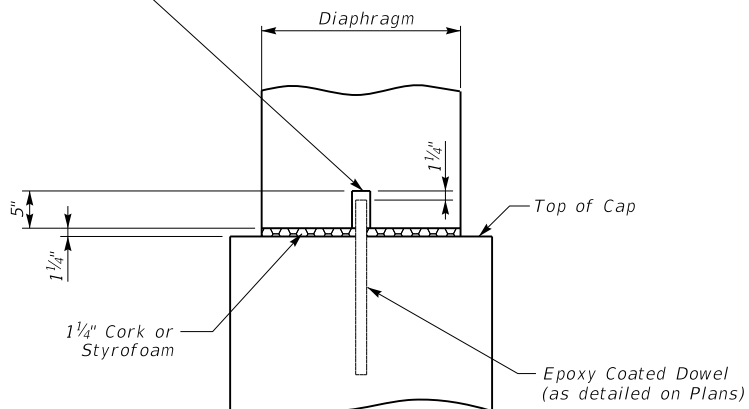
**SPECIFICATIONS:** Fabricate the Elastomeric Bearing Pads to the design and dimensions as shown on these drawings and to AASHTO LRFD Bridge Construction Specifications, Section 18.

Ensure bearings are low temperature Grade 3 with durometer hardness of 50 and subjected to the load testing requirements corresponding to Design Method A.

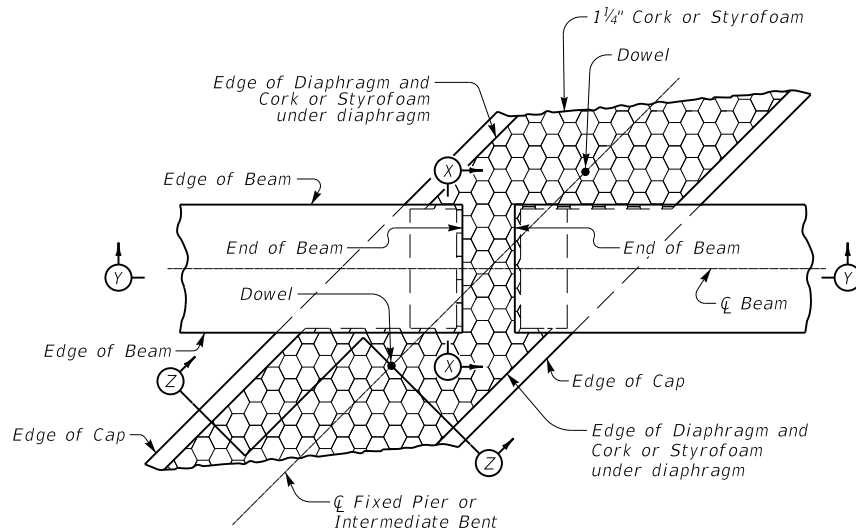
Include the price of bearing pads in the bid for the beams.

KENTUCKY DEPARTMENT OF HIGHWAYS	
ELASTOMERIC BEARING PADS FOR PRESTRESSED BEAMS	
STANDARD DRAWING NO. BBP-001-12	
SUBMITTED <i>Bob Adams</i>	02-26-20
DIRECTOR DIVISION OF STRUCTURAL DESIGN	
APPROVED <i>Bob Adams</i>	02-26-20
STATE REGISTERED ENGINEER	

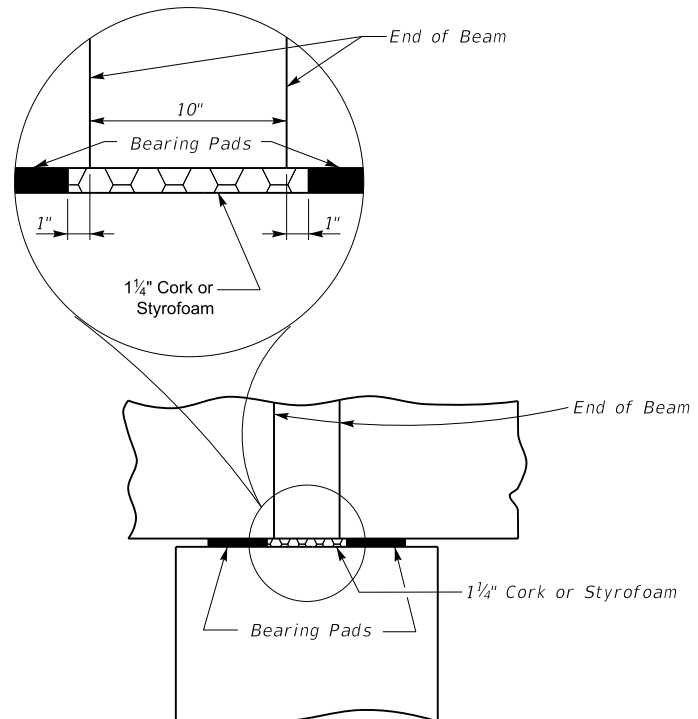
Std. Wt. 2" Commercial Pipe Sleeve closed at one end and 5" long. Secure Pipe Sleeve to prevent floating while placing Concrete. Sleeve is to sit on Cork or Styrofoam. Pipe Sleeve is to be incidental to Diaphragm Concrete.



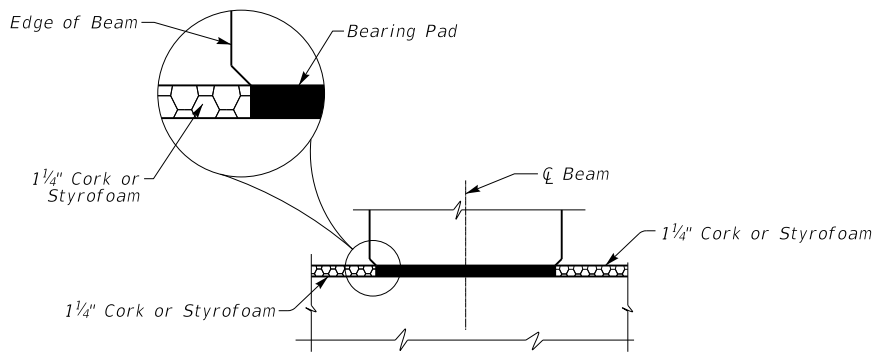
**SECTION Z-Z**



**PLAN**

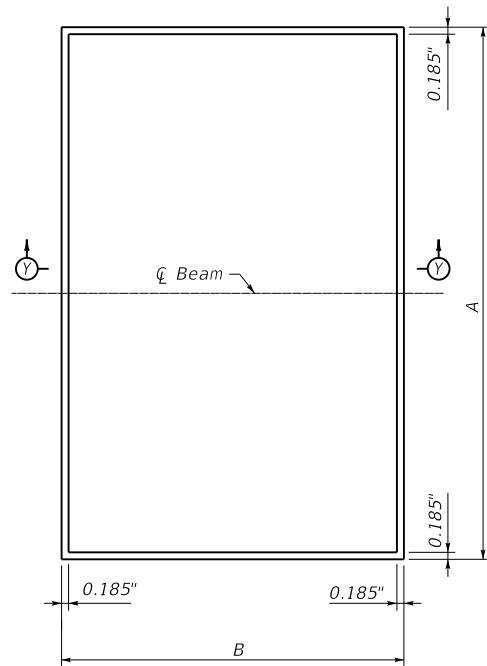


**SECTION Y-Y**



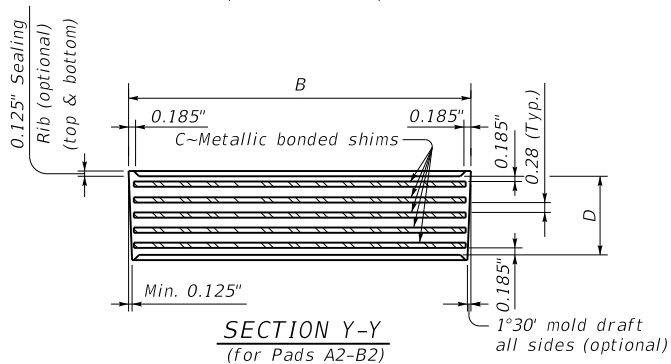
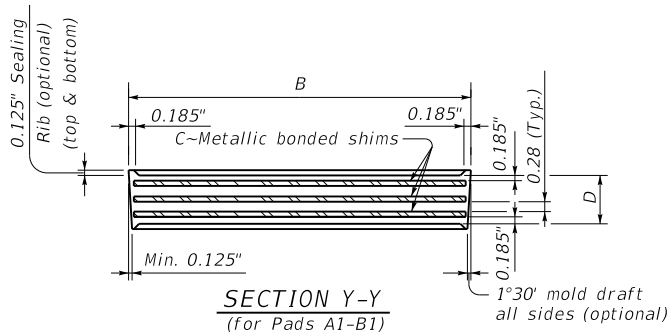
**SECTION X-X**

KENTUCKY DEPARTMENT OF HIGHWAYS	
BEARING DETAILS	
STANDARD DRAWING NO. <i>BBP-002-04</i>	
SUBMITTED: <i>Bob Adams</i> DIRECTOR DIVISION OF STRUCTURAL DESIGN	DATE: 02-26-20
APPROVED: <i>[Signature]</i> STATE REGISTERED ENGINEER	DATE: 02-26-20



DIMENSIONS FOR BOX-BEAM PADS						
PAD	A	B	C	D	*MAXIMUM REACTION	MAXIMUM MOVEMENT (One Direction)
A1	1'-10"	7"	3~0.12" x 21.630" x 6.630"	1.290"	173k	0.500"
A2	1'-10"	7"	5~0.12" x 21.630" x 6.630"	2.090"	173k	0.750"
B1	11"	7"	3~0.12" x 10.630" x 6.630"	1.290"	69k	0.500"
B2	11"	7"	5~0.12" x 10.630" x 6.630"	2.090"	69k	0.750"

\* These reactions are based on service loads, use actual reactions to determine anchorage requirements for pads.



### GENERAL NOTES

**SPECIFICATIONS:** Fabricate the Elastomeric Bearing Pads to the design and dimensions as shown on these drawings and to AASHTO LRFD Bridge Construction Specifications, Section 18.

Ensure bearings are low temperature Grade 3 with durometer hardness of 50 and subjected to the load testing requirements corresponding to Design Method A.

Include the price of bearing pads in the bid for the beams.

KENTUCKY DEPARTMENT OF HIGHWAYS		
ELASTOMERIC BEARING PADS FOR BOX BEAMS		
STANDARD DRAWING NO. <i>BBP-003-02</i>		
SUBMITTED	<i>Bob Adams</i> DIRECTOR DIVISION OF STRUCTURAL DESIGN	02-26-20 DATE
APPROVED	<i>[Signature]</i> STATE ENGINEER	02-26-20 DATE