



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 BY: *Bob Adams* DIRECTOR DIVISION OF STRUCTURAL DESIGN DATE: 02-26-20
APPROVED BY: *Bob Adams* STATE REGISTERED ENGINEER DATE: 02-26-20