

GEORGIA DEPARTMENT OF TRANSPORTATION  
OFFICE OF BRIDGE DESIGN

ELASTOMERIC BEARING PAD PROGRAM (BRPADI)  
REVISED AUGUST 1993

PROGRAM NUMBER	INPUT NUMBER	DESCRIPTION
*B,2,1		

PAD DATA												
D OR A	P OR B	WIDTH (IN)	LENGTH (IN)	THICKNESS (IN)	NUMBER OF HOLE(S)	DIAMETER OF HOLE (IN)	TOP AND BOTTOM COVER (IN)	SIDE COVER (IN)	NUMBER OF LOAD PLATE(S)	THICKNESS OF LOAD PLATE(S) (IN)	NUMBER OF INTERNAL PLATE(S)	THICKNESS OF INTERNAL PLATE(S) (IN)
1					X,X				X,X,X,X		X,X,X,X,X,X	X,X

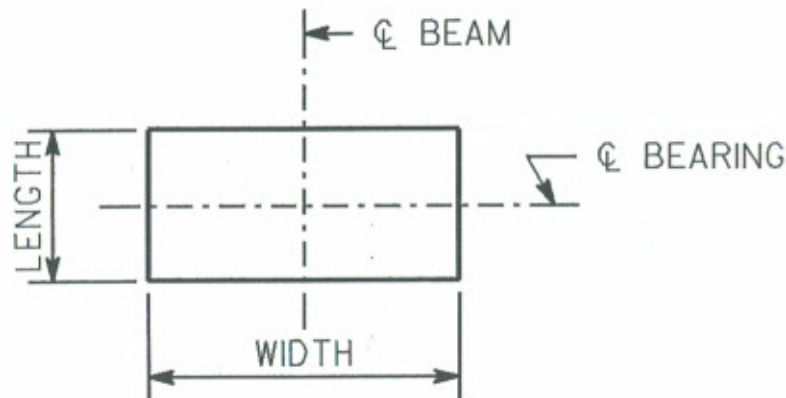
D = DESIGN, DEFAULT  
A = ANALYSIS  
P = USE PLATE DIMENSIONS, DEFAULT  
B = USE BEARING DIMENSIONS

DESIGN DATA							
C OR S	DISTANCE TO FIXITY (FT)	DESIGN SPAN OF BEAM (FT)	DEAD LOAD REACTION (K)	LIVE LOAD REACTION EXCLUDING IMPACT (K)	CAMBER (IN)	DEAD LOAD DEFLECTION (IN)	LIVE LOAD DEFLECTION (IN)
2				X			

C = CONCRETE BEAM, DEFAULT  
S = STEEL BEAM

CAMBER AND DEFLECTIONS

UP IS A NEGATIVE VALUE AND  
DOWN IS A POSITIVE VALUE.



PLAN VIEW OF BEARING

DEFAULT VALUES

DESIGN  
NUMBER OF LOAD PLATE(S) = 0

DESIGN OR ANALYSIS  
NUMBER OF HOLE(S) = 1  
DIAMETER OF HOLE(S) = 3.000 IN  
TOP AND BOTTOM COVER = .2500 IN  
SIDE COVER = .25000 IN  
THICKNESS OF LOAD PLATE(S) = .1875 IN  
THICKNESS OF INTERNAL PLATE(S) = .0747 IN