X" INTERNAL ELASTOMER
LAYER (TYP.)
(See Note 2)

¼" (TYP.)

X"
(See Note 3)

X" COVER
ELASTOMER
LAYER (TYP.)
(See Note 2)

X GAGE STEEL LAMINATE (TYP.)
(Number as required.   See Note 3)

X" DIAMETER
(See Note 1)

NOTES:

1. ELASTOMER SHALL HAVE A SHEAR MODULUS OF 0.160 KSI.

2. STEEL LAMINATES SHALL CONFORM TO ASTM A 1011 GRADE 36.

3. THE COMPRESSIVE DESIGN LOAD ON THE BEARING PAD IS
   XXX KIPS. THE COMPRESSIVE DESIGN STRESS IS THE RESULT
   OF DIVIDING THE COMPRESSIVE DESIGN LOAD BY THE AREA OF
   THE PAD AND IS EQUAL TO XXX KSI.

4. ELASTOMERIC BEARING PAD SHALL NOT BE VULCANIZED TO THE
   SOLE PLATE.

ELASTOMERIC BEARING PAD

NOT TO SCALE

NOTES:

1. _Bearing diameter shall be set to even increments of 1", for example: 6", 7", etc._
2. _The minimum thickness of the individual internal elastomer layer shall be $\frac{3}{8}$". Top and bottom cover layers shall be $\frac{1}{4}$" for bearings with thickness less or equal to 5" and $\frac{1}{2}$" for thicker bearings. Furthermore, cover layers shall be no thicker than 70% of the individual internal layer._
3. _Steel laminates shall have a minimum thickness of 11 gage (0.1196"). Actual decimal thickness of steel laminates in inches shall be used to calculate total bearing thickness._
4. _All elastomeric bearing pads for steel beams for a given structure shall have a constant thickness and shall be set level._
5. _All elastomeric bearing pads on any substructure unit shall have the same nominal compressive stiffness._
6. _See Chapters 3 and 5 of Part II of the Bridge Manual for additional guidelines on locating elastomeric bearings._
7. _See Chapter 3, Part I of the Bridge Manual for bearing design requirements._