EXPANSION BEARINGS

1/2" Plate (See prestress girder sheet for details).

Neoprene elastomeric pad

Sole plate (see Sec 1080)

Flat surface (see Sec 1080)

GENERAL NOTES:

Anchor bolts shall be ASTM F1554 Grade 55 swedged bolts and shall extend into the concrete with ASTM A490 Grade 6 Mix or Heavy Hex nuts. Actual manufacturer's certified mill test reports (chemical and mechanical) shall be provided. Swedging shall be 1" less than extension into the concrete.

Anchor bolts shall be ASTM A563 Grade A Hex or Heavy Hex nuts. In each 10° fall or rise in temperature at installation, anchor bolts shall be adjusted for each 10° fall or rise at temperature at installation.

All structural steel for the anchor bolts and heavy hexagon nuts shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum).

Neoprene Elastomeric Pads shall be Duranodor.

Structural steel for sole plate shall be ASTM A508 Grade 5 and shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum).

Laminated Neoprene Bearing Pad Assembly shall be in accordance with Sec 716.

DETAILS OF LAMINATED NEOPRENE BEARING PAD ASSEMBLY