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

Heavy Hex Nut (Typ.)

Neoprene elastomeric pad

Flattened surface (see Sec 1080)

Non-motor plate to the neoprene elastomeric pad

Bond sole plate to the neoprene elastomeric pad with epoxy adhesive

Layers of 1/2" elastomeric alternating with 1/8" shim plate or 1/8" shim plate

GENERAL NOTES:

Anchor bolts shall be ASTM F1554 Grade 55 swaged bolts and shall extend into the concrete with ASTM A496 Grade 1 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 bolt shall be at the top of slotted hole at 60°F. Bearing position shall be adjusted for each 10° fall or rise in temperature at installation.

Anchor bolts and heavy hex nuts shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum, or galvanized in accordance with Sec 1081.

Neoprene Elastomeric Pads shall be Dunlopore.

Structural steel for sole plate shall be ASTM A992 Grade 50, and shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum.

Laminated Neoprene Bearing Pad Assembly shall be in accordance with Sec 1082.

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