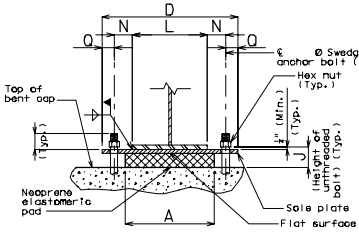
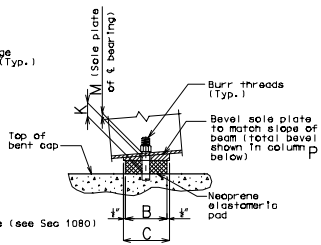
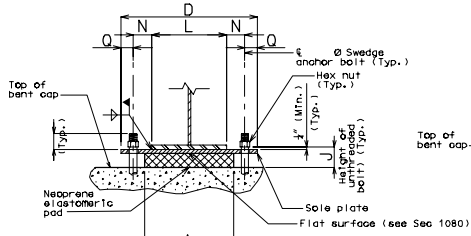
State	Proj. No.	Sheet No.
MO		



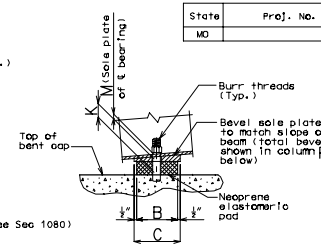
END VIEW



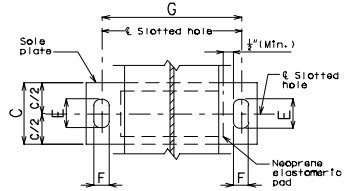
SIDE VIEW



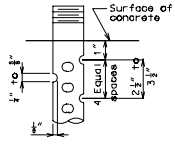
END VIEW



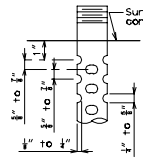
SIDE VIEW



PART PLAN

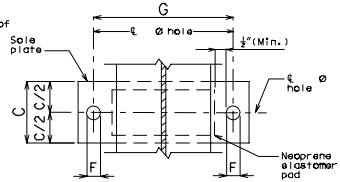


DETAIL OF 3/4" Ø THRU 2-1/2" Ø ANCHOR BOLTS

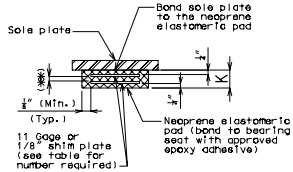


OPTIONAL DETAIL OF 1-3/8" Ø THRU 2-1/2" Ø ANCHOR BOLTS

SWEDGE ANCHOR BOLT DETAILS

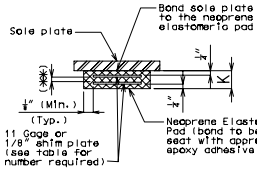


PART PLAN



(**) Layers of 1/2" elastomer alternating with 11 gage or 1/8" shim plate

NEOPRENE ELASTOMERIC PAD



(**) Layers of 1/2" elastomer alternating with 11 gage or 1/8" shim plate

NEOPRENE ELASTOMERIC PAD

GENERAL NOTES:

Anchor bolts shall be Ø ASTM A709 Grade 50W steel swedged bolts and shall extend into the concrete with ASTM A194 - 2, 2H or ASTM A563 - C, C3, D, DH, DH3 heavy hexagon nuts. Actual manufacturer's certified mill test reports (chemical and mechanical) shall be provided. Swedging shall be 1" less than extension into the concrete.

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 Durometer.

Structural steel for sole plate shall be ASTM A709 Grade and shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum). (1)

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

FIXED BEARINGS															
BENT NO.	A	B	C	D	F	G	J	K	L	M	N	P	Q	NUMBER OF SHIM PLATES(*)	NUMBER REQUIRED
														TOTAL BEARINGS	

(*) The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.

(1) USE NOTE H3.49 OR H3.49.1. CHECK WITH STRUCTURAL PROJECT MANAGER. H3.49 SHOWN.

EXPANSION BEARINGS															
BENT NO.	A	B	C	D	E	F	G	J	K	L	M	N	P	Q	NUMBER OF SHIM PLATES(*)	NUMBER REQUIRED
															TOTAL BEARINGS	

(*) The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.

CREATED IN MICROSTATION

DETAILS OF LAMINATED NEOPRENE BEARING PAD ASSEMBLY

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

COUNTY BRG 10