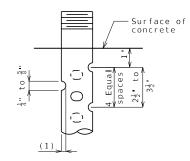
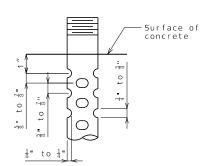
BRG08 neo stl fix Effective: Jan. 2025 Supersedes: Apr. 2022



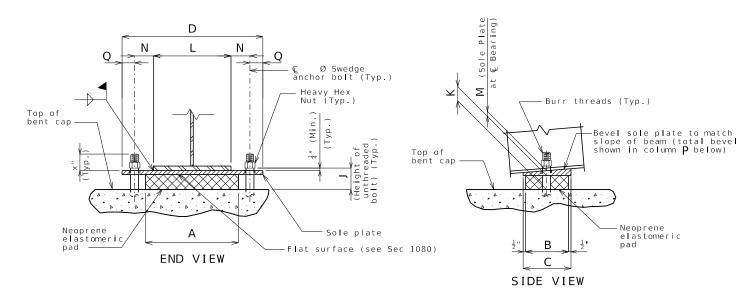


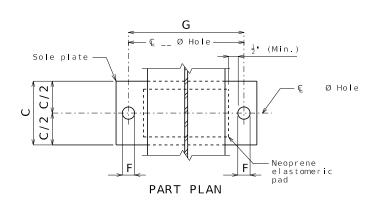
DETAIL FOR 3/4"Ø THRU 2 1/2"Ø ANCHOR BOLTS

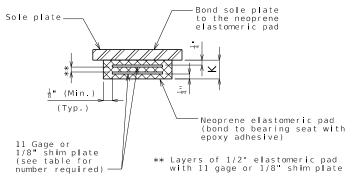
OPTIONAL DETAIL FOR 1 3/8"Ø THRU 2 1/2"Ø ANCHOR BOLTS

## SWEDGE ANCHOR BOLT DETAILS

(1)  $\frac{1}{8}$ " for  $\frac{3}{4}$ "Ø thru  $1\frac{1}{4}$ "Ø anchor bolts  $\frac{1}{8}$ " to  $\frac{1}{4}$ " for  $1\frac{3}{8}$ "Ø thru  $2\frac{1}{2}$ "Ø anchor bolts







NEOPRENE ELASTOMERIC PAD

Standard Drawing Guidance: (do not show on plans.)

- ① Use note H3.49.1 with Grade 50W steel.
  Use note H3.49.2 when steel superstructure is galvanized.
  (H3.49.shown)
- ② Remove underlined portion when steel superstructure is galvanized.

## GENERAL NOTES:

Anchor bolts shall be Ø ASTM F1554 Grade <u>55 105</u> swedged bolts and shall extend into the concrete with ASTM A563 Grade <u>A DH</u> 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 and heavy hex nuts shall be <u>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 with AASHTO M 232 (ASTM A153),</u>

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 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 716.

## FIXED BEARINGS NUMBER OF SHIM PLATES BENT NO. NUMBER С Α В D F G Μ Ν Q REQUIRED TOTAL BEAR INGS \* The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.

## LAMINATED NEOPRENE BEARING PAD ASSEMBLY

Detailed Checked

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

Sheet No.

BRG08\_neo\_stl\_fix.dgn 7:55:11 AM 1/30/2025

SSOURT HIGHWAYS AND TRANSPORTATION DATE

COMMISSION

MODOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1/30/2025

JOB NO.

CONTRACT ID.

BRIDGE NO

MO

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