Example maintenance hole frame and cover detail

Cross-section

- Clear opening
- Step adjustment notch
- Cast iron or polymer concrete cover
- Cast iron ring
- Adjusting studs with slotted head for installing into insert (4 places)
- 1/2" diameter inserts (4 places for adjustments)
- Notch to receive step (available in 12" grade ring only)

Cover Adjustment Detail

- 1/2" adjusting stud with double nut and washer as shown
- 1 1/4" to 2" as required
- Dry pack grout
- 1/2" diameter insert
- Maintenance hole cover cone

Maintenance hole cover cone (designed for H-20 bridge load)

- 3/4" diameter galvanized steel steps grouted between joints as required
- Precast concrete grade rings (3", 6", 12" heights available)

Maintenance hole top