



**SPECIAL PROVISIONS
FOR
STAINLESS STEEL GATES FOR SANITARY SEWER MANHOLES**

**Scott County
BRM-1827(689)--8N-82**

**Effective Date
August 18, 2026**

THE STANDARD SPECIFICATIONS, SERIES 2023, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

236073.01 DESCRIPTION.

Furnish and install sluice or flap gates at locations as shown on the plans. Complete gate system shall be designed by the manufacturer including but not limited to all mounting, anchoring, sealing, and operating.

236073.02 MATERIALS.

A. Sluice Gates.

1. Wall-mount upward opening sluice gates with 4-sided seal, yoke-mounted geared nut operator, and torque tube.
2. Gates, operators, non-rising stems, anchors and bolts, and fittings shall be Type 316 stainless steel, and non-metallic gaskets shall be in place between any non-compatible metals.
3. Stem supports shall be Type 316 stainless steel and designed to provide full support to the torque tube in the configurations shown on the plans. Follow gate manufacturer's recommendations or source supports from gate manufacturer.
4. Grout or gasket materials shall be resistant to hydrogen sulfide corrosion and acidic conditions or shall be sealed or protected from exposure by some other means.
5. Nominal dimensions are as shown on the plans.
6. Approved suppliers include:
 - a. Whipps 924 Series
 - b. RW Gate Company Model RW1000
 - c. Approved equal.

B. Flap Gates.

1. Wall-mount hinged metal flap gates with seal.
2. Flap gates, anchors and bolts, and fittings shall be Type 316 stainless steel, and non-metallic gaskets shall be in place between any non-compatible metals.
3. Grout or gasket materials shall be resistant to hydrogen sulfide corrosion and acidic conditions or shall be sealed or protected from exposure by some other means.
4. Nominal dimensions are as shown on the plans.
5. Approved suppliers include:
 - a. Whipps 452 Series
 - b. RW Gate Company Model RW5000
 - c. Approved equal.

C. Submittals.

1. Gate shop drawings including but not limited to material type, manufacturer, field measurements, and dimensions for each gate, labeled per site and location.
2. Operation and maintenance manual with recommended testing and maintenance procedures.

236073.03 CONSTRUCTION.

- A. Furnish all labor, material, and equipment to install stainless steel gates and appurtenances as shown on the plans.
- B. Field verify all dimensions and submit measurements on shop drawings to Engineer for review prior to ordering materials.
- C. Install each gate and any support brackets in accordance with manufacturer's recommendations.
- D. Install non-shrink grout or gasket between the gate frame and wall per manufacturer's recommendations.
- E. Ensure penetrations for nut operators in top slab are vertically aligned with gates, torque tubes are straight, and operation is smooth.
- F. Test each gate operation.

236073.04 METHOD OF MEASUREMENT.

For stainless steel gates for sanitary sewer manholes, the Engineer will determine the number of units of each of the various respective types from the actual count.

236073005 BASIS OF PAYMENT.

Payment will be the contract unit price for the number of approved stainless steel gates for sanitary sewer manholes of each type incorporated in the project. Payment is full compensation for furnishing all materials, equipment, and labor to produce, furnish, and install the stainless steel gates including any preparation, fabrication, and transportation.