

**SECTION 836
SLUICE GATE**

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3 **8366-1 DESCRIPTION**

4 Construct a sluice gate on an endwall in accordance with the details in the contract and the
5 manufacturer's recommendations.

6 **8366-2 MATERIALS**

7 Sluice gates shall meet the manufacturer's recommendations for the corresponding pipe size.
8 Due to variations in individual manufacturer's products, a slight variation from the size
9 specified may be allowed. Submit the proposed catalog cut to the Engineer for approval prior
10 to use.

11 **8366-3 CONSTRUCTION METHODS**

12 Provide a gate that forms a watertight seal when closed.

13 **8366-4 MEASUREMENT AND PAYMENT**

14 _____" *Sluice Gate* will be measured and paid as each for the actual number of sluice gates
15 incorporated into the completed and accepted work. Such prices and payment will be full
16 compensation for all materials, labor, tools, equipment and incidentals necessary to complete
17 the work.

18 The endwall will be measured and paid in accordance with Article 838-4.

19 Payment will be made under:

| Pay Item | Pay Unit |
|--------------------|-----------------|
| _____" Sluice Gate | Each |

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**SECTION 838
ENDWALLS**

22 **838-1 DESCRIPTION**

23 Perform the work covered by this section including but not limited to excavation, hauling,
24 disposal of materials, furnishing and placing backfill materials, subsurface drainage, concrete,
25 brick masonry, mortar, grout, and furnishing and placing reinforcing steel to construct
26 Portland cement concrete or brick masonry endwalls, either plain or reinforced, in accordance
27 with the contract.

28 **838-2 MATERIALS**

29 Refer to Division 10:

| Item | Section |
|-----------------------------------|----------------|
| Brick | 1040-1 |
| Curing Agents | 1026 |
| Mortar | 1040-9 |
| Precast Concrete Units | 1077 |
| Portland Cement Concrete, Class A | 1000 |
| Reinforcing Steel | 1070-2 |
| Select Material | 1016 |
| Subsurface Drainage Materials | 1044 |

30 Use Portland cement concrete, brick masonry or precast concrete for the endwall unless
31 otherwise specified in the plans.

32 If precast sections are proposed, submit in writing for approval.