
Special Specification 4028

Cattle Guard



1. DISCRPTION

Furnish and install a cattle guard as detailed on the plans, at the locations indicated and as directed by the Engineer.

2. MATERIALS

Furnish materials in accordance with the following Items:

- Item 400, "Excavation and Backfill for Structures"
 - Item 420, "Concrete Substructures"
 - Item 421, "Hydraulic Cement Concrete"
 - Item 440, "Reinforcement for Concrete"
 - Item 442, "Metal for Structures"
 - Item 445, "Galvanizing"
 - Item 449, "Anchor Bolts"
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3. CONSTRUCTION

3.1. **Fabrication.** Fabricate cattle guard in accordance with the details shown in the plans. Inspection of fabricated members will occur on site and approval of quality of materials, workmanship, and plan compliance is required prior to installation.

3.2. **Installation.** Install cattle guard in accordance with the details shown in the plans, and the following items:

- Item 400, "Excavation and Backfill for Structures,"
 - Item 420, "Concrete Substructures," and
 - Item 449, "Anchor Bolts."
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4. MEASUREMENT

This Item will be measured by each cattle guard complete in place.

5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Cattle Guard." This price is full compensation for fabricating, galvanizing, all construction, excavation and backfill (including cement stabilized backfill), concrete, hauling, installing cattle guard, and for all labor, tools, equipment, and incidentals.