

SECTION 01060 - METAL CATTLE GUARDS

Section 01060, which is not a Standard Specification, is included in this Project by Special Provision.

Description

01060.00 Scope - This work consists of constructing metal cattle guards at the locations shown or specified.

Materials

01060.10 Materials - Furnish materials meeting the following requirements:

Anchor Bolts	02560.30
Bearing Pads	00582
Coating Steel Structures	00594
Commercial Grade Concrete.....	00440
Fasteners	02560.20
Precast Concrete Units	00550
Reinforcement	02510.10
Structural Steel.....	02530.20
Tubing	02810.20

01060.11 Other Materials - Furnish black, welded or seamless steel pipe meeting the requirements of ASTM A 53, Type F.

Construction

01060.40 General - Construct cattle guards according to the following:

- After road construction is complete.
- Excavate and backfill according to Section 00510.
- Provide drainage pits or areas beneath the cattle guard surfaces as shown or specified.
- Use precast or construct cast-in-place concrete abutments.
- Install reinforcement and place concrete according to Sections 00530 and 00440.
- Assemble structural steel members and other steel according to Section 00560, except that prequalification of welders will not be required and inspection of welding will be visual.
- Coat steel according to Section 00594 except blast cleaning will not be required. Coat all steel members with at least 3 applications.
- Connect fences to the cattle guards as shown.

Finishing and Cleaning Up

01060.70 General - Remove excess materials and debris from the cattle guard sites.

Measurement

01060.80 Measurement - The quantities of cattle guards will be measured on the unit basis.

Payment

01060.90 Payment - The accepted quantities of cattle guards will be paid for at the Contract unit price, per each, for the item "_____ Cattle Guard". The width of the cattle guard will be inserted in the blank.

Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

No separate or additional payment will be made for excavation or backfill work.