

SECTION 02825
CATTLE GUARD

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Materials and procedures for installing Precast Cattle Guard.

1.2 RELATED SECTIONS

- A. Section 02056: Common Fill.
- B. Section 02316: Roadway Excavation.
- C. Section 02324: Compaction.
- D. Section 03055: Portland Cement Concrete.
- E. Section 03211: Reinforcing Steel and Welded Wire.
- F. Section 05120: Structural Steel.

PART 2 PRODUCTS

2.1 CATTLE GUARD

- A. Refer to Standard Drawing SW 1, and SW 2.

2.2 CONCRETE

- A. Class AA(AE). Refer to Section 03055.

2.3 STEEL

- A. Reinforcing: Refer to Section 03211.
- B. Structural: Refer to Section 05120.

2.4 AGGREGATE

- A. Granular Backfill Borrow. Refer to Section 02056.

PART 3 EXECUTION

3.1 PREPARATION

- A. Remove and replace unacceptable material following Section 02316.
- B. Compact existing materials to a minimum 1 ft depth in compliance with Sections 02056 and 02324.
- C. Cover properly excavated foundation with 2 ft of granular backfill borrow.
 - 1. Hand screed to the required grade utilizing properly placed screed rails.
 - 2. Refer to Standards Drawing SW 2.
- D. Place the Precast Concrete Cattle Guard on the granular backfill borrow.
- E. Construct welded end guard unit following Standard Drawing SW 1.

END OF SECTION