

**Supplemental Specification
2005 Standard Specification Book**

SECTION 02827

DEER CROSSING

Add Section 02827:

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Materials and procedures for constructing deer crossings.

1.2 RELATED SECTIONS

- A. Section 02056: Common Fill
- B. Section 02231: Site Clearing and Grubbing
- C. Section 02822: Right-of-Way Fence and Gate
- D. Section 02911: Mulch
- E. Section 02912: Topsoil
- F. Section 02922: Seed, Turf Seed, and Turf Sod Section
- G. Section 06055: Timber and Timber Treatment

1.3 REFERENCES

- A. AASHTO M 279: Zinc Coated (Galvanized) Steel Woven Wire Fence Fabric

1.4 DEFINITIONS

- A. Typical Deer Crossing: A deer crossing that consists of a single deer ramp perpendicular to the right-of-way fence.

- B. High Migratory Deer Crossing: A deer crossing that consists of three deer ramps; two along the right-of-way fence as approached from either direction and one perpendicular to the right-of-way fence with additional fencing funneling animals that have crossed the road.

PART 2 PRODUCTS

2.1 TIMBER PLANKS

- A. Sound Lodgepole pine, Ponderosa pine, Engelmann spruce, Douglas fir, hem-fir or Western Larch of grading WWPA No. 2 that is free from decay, splits, multiple cracks or any other defect, and structurally suitable as per Section 06055.

2.2 ROUND TIMBER

- A. Use timber meeting Section 02822.

2.3 WIRE MESH FENCING

- A. As specified in AASHTO M 279.
- B. Grade 60, nominal 0.099 inch farm grade wire mesh fencing with a 6-inch vertical wire spacing.
- C. Class I zinc coating.

2.4 NAILS

- A. Use 16d galvanized nails.

2.5 BORROW

- A. Borrow. Refer to Section 02056.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Locate deer crossing by type as identified in the plans.

- B. Within the footprint of the deer crossing Clear and Grub as per Section 02231 and Strip and Stockpile 4 inches of topsoil.
- C. Install vertical posts as shown in the Deer Ramp Detail on FG Series Standard Drawings.
- D. Place end panels on both sides of the deer ramp openings. Place brace panels on each end of the 24 foot 9 inch drift fence. Refer to FG Series Standard Drawings.
- E. Securely nail ends of the nominal 2 inch x 8 inch planks to the posts with 16d nails as shown in the Deer Ramp Detail per FG Series Standard Drawings.
- F. Place borrow material for ramp as shown on the isometric view per FG Series Standard Drawings.
- G. Upon completion of borrow placement, cover the deer ramp with topsoil, seed and mulch as per Sections 02912, 02922 and 02911 respectively.
- H. Remove upper section of fence near deer ramp as shown in FG Series Standard Drawings.

END OF SECTION