

828 - FENCING

828.1 DESCRIPTION

At the locations shown on the plans or directed by the Engineer, woven wire, chain link, wood privacy, or other types of fence shall be removed and replaced or installed in accordance with Section 828 of the Standard Specifications except as otherwise modified herein.

828.2 MATERIALS

All fences and gates within the construction easements and necessary to be removed for construction of the project shall be disposed of by the Contractor. After construction is completed, fences and gates of the type that existed prior to removal shall be constructed with new materials by the Contractor as designated by the Engineer.

All material used for fencing shall be brand new and meet minimum standards in accordance with Division 1600 of the Standard Specifications and KDOT standard details except as otherwise modified herein. In addition, all fence replacement shall be of a quality at least equal to that fence being replaced when it was new.

828.3 CONSTRUCTION REQUIREMENTS

All corner posts assemblies, line post assemblies and connectors shall be considered incidental to the fence construction.

The Contractor shall install temporary fencing wherever existing fencing is removed for construction, or where requested by the Engineer. The temporary fencing shall skirt the edge of the construction area and tie into existing fencing. Temporary fencing shall not extend outside the indicated easements.

a. Breakaway Sections

If specified, at all locations where fences cross overflow swales, the Contractor shall install breakaway fence sections. The bottom of the swale shall be spanned by a section of chain link or woven wire not integral with the other fence sections. This section shall be supported on each end by posts separate from the remainder of the fencing, and shall be placed on the downstream side of the posts. The breakaway section shall be attached to the posts separately from the remainder of the fence, and minimal ties shall be used on the bottom one half of the section. This item shall be considered incidental to the fence construction.

b. Gates

If specified, gate construction shall follow the details as set forth in the plans. The material used for gates shall be in accordance with Division 1600 of the Standard Specifications. Gate posts shall be 3 inches outside diameter with a minimum weight of 5.79 lb./ft. All gates shall have heavy duty gate hinges, and all hinges and latch designs shall be submitted for approval by the Engineer. Single gates shall have standard gate latches, and double gates shall have standard double drive gate drop rod assemblies with center stop and concrete footings.

c. Privacy Fence

If specified, all material used for construction of wood privacy fencing shall be brand new, and shall be of a quality at least equal to that fence being replaced when it was new. As a minimum requirement, all line posts shall 4 inches square, corner posts shall be 6 inches square, and all posts and rails shall be ACQ treated. All posts shall be set in concrete, the concrete shall be left 4 inches below grade, and the top of the concrete base shall be sloped away from the post. Rails shall be 2" x 4" dimension ACQ treated lumber. Facing material shall be as shown on the plans or as directed by the Engineer. Typical facing shall be 4 inches wide dog eared cedar planks, except that facing shall be 6 inches wide if the existing fence facing was 6 inches wide. All privacy fencing shall be constructed with galvanized ring shank nails, staples are not permitted.

d. Wrought Iron Fence

If specified, all material used for construction of wrought iron fencing shall be brand new, and shall be of a quality at least equal to that fence being replaced when it was new. Wrought iron fence design and shop drawings shall be submitted to the Engineer for approval.

828.4 MEASUREMENT AND PAYMENT

The Engineer will measure the fencing of specified type and size by the linear foot.

Payment for "Fence" at the contract unit price bid is full compensation for the specified work.

Increased length of reinstalled fence indicated on the plans or directed by the Engineer shall be paid for at the contract unit price bid per linear foot of "Fence" as applicable.

The Engineer will measure temporary fencing of specified type and size by the linear foot.

Payment for "Fence (Temporary)" at the contract unit price bid is full compensation for the specified work.

The Engineer will measure each gate of specified type and size.

Payment for "Gate" at the contract unit price bid is full compensation for the specified work.