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## SECTION 45 - FENCES

### 45-1 GENERAL

Fences must conform to the State Specifications, and these Specifications.

Temporary fencing for the control, safety or convenience of traffic, or the preservation of property required during the course of construction, must conform to these Specifications or the Special Provisions. Fence shall be of the height specified on the Contract Plans and/or in the Special Provisions.

### 45-2 CHAIN LINK FENCE

#### 45-2.01 Materials

Chain link fence and gate materials must conform to the State Specifications.

#### 45-2.02 Construction

Unless otherwise shown or specified in the Contract, chain link fences and gates must be constructed as shown on State Plan A85, and in accordance with these Specifications. Concrete for post foundations must be as specified in the State Specifications. Concrete bases for terminal, gate and line posts must cure for at least 72 hours before chain link fence fabric is placed. Allow bases to cure for 5 Calendar Days before tensioning devices (gates, guy wires, etc.) are installed.

Unless otherwise specified in the Special Provisions, all chain link fences must be constructed with a top rail and a bottom tension wire. Fabric must be fastened to line posts with fabric bands spaced approximately 14 inches apart, and to top rail and bottom tension wire with 9 gauge galvanized tie wires spaced approximately 24 inches apart.

At locations where breaks in a run of fencing are required for gates, or at intersections with existing fences, adjustments in post spacing must be made to conform to the requirements for the type of closure indicated.

Unless otherwise directed by the Agency, temporary guys or bracing must be installed to hold posts in proper position until the concrete has set.

### 45-3 BARBED WIRE FENCE AND WIRE MESH

#### 45-3.01 Materials

Barbed Wire Fence and wire mesh shall conform to the provisions in Section 80, "Fences," of the State Specifications and these Specifications.

#### 45-3.02 Construction

Barbed Wire Fence and wire mesh must be constructed with 7' long metal posts conforming to ASTM A702 with 5 lines of barbed wire. Pull post, end and corner fence conditions shall be constructed in conformance with State Standard Plan A86.

### 45-4 WROUGHT IRON FENCE

Wrought iron fence and gate materials must conform to these Specifications and Standard Drawing 9-40. Unless otherwise directed by the Agency, wrought iron fences and gates must be constructed per Standard Drawing 9-40.

**45-5 MEASUREMENT AND PAYMENT**

Quantities of fence to be paid for will be determined by the linear foot from actual measurements of the completed fence. Measurements will be made parallel to the ground slope along the line of completed fence, deducting the widths of openings. Fence will be paid for at the price per linear foot for fence of the type designated in the Contract.

Quantities of gates will be determined from actual count. When more than one gate is placed in an opening, each single unit placed will be counted as a gate. A gate unit complete in place is one gate with all necessary fittings, hardware, and gate and latch posts with braces. Gates will be paid for at the unit price per gate. The size and type of gate will be designated in the Contract.

The above prices and payments include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing fences and gates, complete in place, as shown or specified in the Contract, specified in these Specifications, and directed by the Agency.