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## SECTION 45 – CHAIN LINK FENCE

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### **45-1 GENERAL**

Fences shall conform to Section 80, “Fences”, of 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, shall conform to these Specifications or the Special Provisions.

### **45-2 MATERIALS**

Chain link fence and gate materials shall conform to Section 80, “Fences”, of the State Specifications.

### **45-3 CONSTRUCTION**

Unless otherwise shown or specified in the Contract, chain link fences and gates shall be constructed as shown on State Plan A85 and A85A, and in accordance with these Specifications. Concrete for post foundations shall be Class “4” concrete as specified in Section 90, “Portland Cement Concrete”, of the State Specifications. Concrete bases for terminal, gate and line posts shall cure for not less than seventy-two (72) hours before chain link fence fabric is placed. Allow bases to cure for five (5) days before any tensioning devices (gates, guy wires, etc.) are installed.

Unless otherwise specified in the Special Provisions, all fence shall be constructed with a top rail and a bottom tension wire.

Fabric shall be fastened to line posts with fabric bands spaced approximately fourteen inches (14”) apart, and to top rail and bottom tension wire with nine (9) gauge galvanized tie wires spaced approximately twenty-four inches (24”) apart.

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

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

### **45-4 MEASUREMENT AND PAYMENT**

Quantities of chain link fence to be paid for will be determined by the linear foot from actual measurements of the completed fence, such measurements to be made parallel to the ground slope along the line of completed fence, deducting the widths of openings. Chain link fence will be paid for at the price per linear foot for chain link 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 shall include one gate with all necessary fittings, hardware, and gate and latch posts with braces. Gates will be paid for at the unit price per chain link 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 chain link fences and gates, complete in place, as shown or specified in the Contract, specified in these Specifications, and directed by the City.