

SECTION 621 CHAIN LINK FENCING

621.1 DESCRIPTION

This work consists of furnishing and erecting chain link wire mesh fence.

621.2 MATERIALS

Chain link fence materials shall conform to Section 930.

Concrete shall conform to Class M6 (I28), Section 462.

621.3 CONSTRUCTION REQUIREMENTS

Posts shall be set in concrete footings. To eliminate danger of frost heaving the post, concrete in the crown top shall not be larger than the concrete in the lower part of the footing.

Posts shall be spaced at not more than 10 foot (three meter) intervals. In determining post spacing, measurements will be made parallel to the slope of the natural ground. Posts shall be set vertically, except at locations where the Engineer determines the posts should be placed perpendicular to the slope of the ground.

Corner posts and adjacent brace panels shall be constructed at angle points of 30 degrees or more in the fence alignment.

Pull posts and adjacent panels shall be constructed at sharp breaks in the vertical grades and at intervals of not more than 500 feet (150 meters) on straight runs of fence.

The Contractor shall remove all debris and perform necessary excavation and backfilling prior to erecting the fence. Tension wires shall be placed, stretched tight and secured to all posts before fence fabric is placed. Sufficient tension shall be applied to the tension wires to allow a maximum sag of ¼ inch (6 mm) between posts after the fence fabric has been attached. Temporary bracing on posts shall be provided to prevent undue stresses in the posts when tension is applied to one tension wire at a time.

On curves the fence fabric shall be placed so that tensioning the fabric will pull the fabric against the post. On tangent sections the Engineer will designate the side of the post to which the fence fabric shall be attached.

The bottom of the fabric shall be placed three inches (75 mm) above the ground line. Over irregular ground a minimum clearance of one inch (25 mm) and a maximum clearance of six inches (150 mm) will be permitted for a distance not to exceed 8 feet (2.5 meters). The fence fabric shall be cut and each span attached independently to all corner and pull posts. Rolls of wire fabric shall be joined by weaving a single strand into each of the rolls to form a continuous mesh.

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621.4 METHOD OF MEASUREMENT

Chain link fence will be measured by the linear foot (0.1 meter) parallel to the ground, inclusive of the end, corner and pull post panels.

621.5 BASIS OF PAYMENT

Chain link fence will be paid for at the contract unit price per linear foot (meter), inclusive of end, corner, and pull post panels.

Payment will be full compensation for furnishing materials, labor, tools and equipment necessary, including excavation, backfilling, concrete footings, miscellaneous hardware and fittings, smoothing the irregularities of the ground at the fence site, clearing the line for the fence, and disposing of debris.