

## **ITEM 19**

### **TREE AND/OR STUMP REMOVAL**

#### **19.01 SCOPE OF WORK**

The work covered under this item shall consist of removing trees, stumps, shrubs, etc., from the street right-of-way. The Contractor shall use special care to protect public and private property. The Contractor shall take special care so as not to damage any utility lines in the process of cutting and removing the trees. The Contractor shall maintain proper barricades and watchpersons to detour traffic during the cutting and removal of trees.

#### **19.02 EQUIPMENT**

All equipment necessary or required in connection with this type of work must be on hand, proven to be in first class working condition, and approved by the Engineer before this work will be permitted to begin.

#### **19.03 CUTTING TREES**

Before any tree is cut down, the tree shall be completely "topped" in an accepted manner approved by the Engineer so as to protect all utilities, public and private properties. The Contractor shall be responsible for removing branches, foliage, etc., from the construction site as soon as the tree has been cut. If any curb, sidewalk, wall, street, etc., is damaged during the removal of a tree, the Contractor shall replace the damaged portions at his/her own expense as directed by the Engineer.

#### **19.04 STUMP REMOVAL**

Stumps shall be removed to a minimum depth of six inches (6") below finished grade. The stumps shall be removed by a "stump router" or any other manner as approved by the Engineer. If the portion of curb and sidewalk is in good condition at the stump and the Contractor removed the stump by other means than a "stump router" and damages the curb and sidewalk, the Contractor shall replace same at his/her own expense. If the Engineer determines that the stump cannot be removed without damaging the curb and/or sidewalk, the City will bear the cost of replacing the curb and sidewalk.

#### **19.05 METHOD OF MEASUREMENT AND PAYMENT**

(a) No separate payment shall be made for clearing and grubbing, removal of all debris from the construction site, or the installation of topsoil to finished grade.

(b) Payment will be made for the removal of trees and/or stumps for each diameter as shown in the Bid Schedule.

(c) No separate payment will be made for the removal of bushes, shrubs, or trees less than six inches (6") in diameter, nor the installation of topsoil, where their stumps were removed.

(d) Payment will be made for the removal of an existing stump as shown in the Bid Schedule at the unit price bid for each diameter. The unit price, so paid, shall cover the cost of furnishing all labor, materials, tools, services and other expense in connection with the removal of trees and/or stumps.