

SECTION 75

TRANSPLANTING TREES AND SHRUBS

75.1 DESCRIPTION

A. General

This work consists of furnishing and transplanting large trees or shrubs. This item shall include digging, transplanting, guying, mulching, and other incidentals necessary.

B. Related Work

Section 17 Salvaging, Stockpiling and Placing Topsoil
Section 70 Seeding
Section 71 Fertilizing
Section 72 Mulching
Section 73 Sodding
Section 74 Planting Trees, Shrubs, and Vines
Section 76 Compost Application

75.2 MATERIALS

A. Plant Materials

1. Plant material shall be the genus, species, and variety specified by the plans. Substitutions will not be permitted other than specified by the plans or by written consent of the Engineer.
2. Form and shape of plants shall be subject to the approval of the Engineer. Plants collected from shelterbelts, wild stands, or other sources shall be reasonably uniform in shape, with straight trunks, and well branched, free from injuries, disease, and insects and typical of the species or variety specified.
3. Plants shall be of the size specified in Section 74.

B. Equipment and Incidental Materials

1. Transplanting shall be done with a multiple cutting cup or spade-type digger designed for the purpose. Suitability of the machine and method of digging and transporting plant material shall be subject to the approval of the Engineer.
2. The topsoil used in planting shall conform to the requirements of Section 17.

3. Mulching materials shall conform to the requirements of Section 74.
4. Staking materials shall conform to the requirements of Section 74.

75.3 CONSTRUCTION REQUIREMENTS

A. General

The digging, transporting, planting, pruning, watering, mulching, guying, maintenance, and replacement of plants shall be performed by experienced crews under the direct supervision of a qualified nurseryman or landscape specialist.

B. Planting general requirements shall be as specified in Section 74.

C. Staking and layout of planting shall be as specified in Section 74.

D. Digging, Transporting, and Planting

Plants machinery moved shall be dug with care, avoiding mechanical injury to trunks and branches.

1. A planting hole shall be dug at the project site for each plant before the plant intended for that hole is removed from its original position. When a plant is dug from its original position, it shall be transported directly to the project site in the digging machine, with earth ball intact and carefully placed in its planting hole directly from the machine. Care shall be taken during digging, transporting, and resetting to assure earth ball is kept intact throughout the operation to avoid root breakage.
2. After plant is set straight in its hole and the spades removed, any voids between hole and earth ball shall be filled with good topsoil and tamped.
3. Watering shall be provided as specified in Section 74.

E. Plants shall be guyed as specified in Section 74.

F. Mulching shall be applied as specified in Section 74.

G. Trees shall not be pruned except to remove damaged or broken ends.

H. Cleanup shall be as specified in Section 74.

I. Establishment period shall be as specified in Section 74.

J. Replacement planting shall be as specified in Section 74.

75.4 METHOD OF MEASUREMENT

Quantities of each species or variety of trees and shrubs planted will be determined from actual count.

75.5 BASIS OF PAYMENT

Basis of payment will be as specified in Section 74.

END OF SECTION