

SECTION 738 TRANSPLANTING

738.01 Description. This work consists of transplanting trees and shrubs from one site to another within the limits of the right-of-way.

738.02 Materials. Existing plants shall be transplanted with appropriate ball diameters as specified on the Plans.

738.03 Construction Methods. Vermeer Models TS-84 through TS-20 hydraulic spades, or an approved equal, shall be used for all transplanting work.

The root structure of each plant shall be transplanted as a conically shaped earthen core cut by the hydraulically-operated cutter blades. The spade shall be located so the hydraulically-operated cutter blades are positioned equidistantly from the trunk(s) or stem(s) of the plant being transplanted. The core excavated at the new planting site shall be 2 to 4O (50 to 100 mm) larger than the minimum ball diameter specified so that the plant, when placed, will be slightly below finished grade. All excavated plant pits shall be loosened with a digging iron, mattock, or similar device, to eliminate the hard compacted surface created in digging with a hydraulic spade. All trees or shrubs transplanted shall be tamped lightly around the edge of the ball and approved topsoil added where required by the Engineer to fill any small cracks or voids formed during the transplanting operation. Guying, staking, mulching, and wrapping will be required on all trees and shrubs transplanted as described under [Subsection 737.16](#).

738.04 Method of Measurement. The quantity of transplanting will be measured as the total number of the various species of trees and shrubs of each designated height, spread, and diameter actually transplanted as specified in the Contract.

738.05 Basis of Payment. The quantity of transplanting will be paid for at the Contract unit price for each height-spread-diameter category of trees and shrubs transplanted. Price and payment will constitute full compensation for furnishing all materials, including soil mixes and mulch; for transplanting all plant materials; for plant establishment according to [Subsection 737.17](#), excluding replacement; for all watering until final acceptance, pruning, and guying; for the cultural care of the plants until the completion and acceptance of all landscape work; for disposing of excess and waste materials; and for all labor, equipment, tools, and incidentals required to complete the work. There will be partial payments for completed work exclusive of plant establishment requirements as determined by the Engineer in accordance with [Section 737](#).