

ITEM 11202.71 M - ROADSIDE VEGETATION REMOVAL (PER LUMP SUM)

ITEM 11202.72 M - ROADSIDE VEGETATION REMOVAL (PER HECTARE)

DESCRIPTION

The work shall consist of cut, remove and dispose of designated trees and brush as specified. In addition, the Contractor shall clear and grub or grind remaining stumps in vegetated areas as specified in Section 201-3.02 "Clearing and Grubbing" of the Standard Specifications, or, where physical removal is not feasible, shall treat all resulting stumps and stubble of trees, cut under this item, with a herbicide that is formulated to prevent resprouting of cut vegetation. The Contractor shall also use an herbicide to prevent brush cut under this item from resprouting and/or to control resprouting. Cleared areas are to be restored as indicated in Section 107-11, "Restoration of Disturbed Areas Within the Right of Way", of the Standard Specifications.

MATERIALS

The material shall be a water soluble, non-selective herbicide having no residual soil activity conforming to Section 713-13 Pesticides of the Standard Specifications. The herbicide(s) used for treating stumps, stubble and/or resprouted vegetation shall be formulated for that purpose and shall be approved in writing by the Regional Landscape Architect. The herbicide(s) used on stumps and stubble shall contain, or be mixed with, a dye or other colorant commonly used as a pesticide spray pattern indicator.

CONSTRUCTION DETAILS

1. **Limits of Work:** The locations of work to be done under this item are designated elsewhere in the contract -documents. The Contractor shall stakeout or otherwise mark the limits of work to be done under this item and shall notify the Engineer at least two work days before removal of any vegetation. All work shall be coordinated with the Regional Landscape Architect to ensure preservation of desirable trees and/or other vegetation.

2. **Clearing Requirements:** All trees and brush to be cut and removed shall be cut within two inches of the ground, and where feasible grubbed or chipped out as indicated in Section 201-3.02, within the designated roadside vegetation removal work limits.

Whenever trees removed under this item are felled or trimmed on/or adjacent to the highway, all trees and/or trimmings shall be immediately removed from the roadway or from any area that would, in the judgement of the Engineer, present a hazard to traffic. No trees, tree trunks, brush or other debris removed under this item shall be felled, sidecast, or placed outside the limits of the right of way except as provided for under Section 3, Disposal.

3. **Disposal:** The provisions of Section 201-3.03 "Clearing and Grubbing Disposal" of the standard specifications shall apply. In Addition, the Contractor is responsible for determining if any work of this section occurs within a quarantine zone for the Asian Longhorn Beetle designated by the U.S. Dept. of Agriculture or the New York State Department of Agriculture and Markets, and the Contractor is responsible for complying with all State and Federal regulations regarding the disposal of plant material from a quarantine zone where applicable.

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4. **Protection and Restoration:** The provisions of Section 201-3.04 "Clearing and Grubbing - Protection and Restoration" shall apply.

5. **Treatment of Stumps and Stubble:** All remaining stumps and stubble resulting from work done under this item shall be treated with a herbicide in accordance with time frames established by the manufacturer and in conformance with the herbicide product label. Herbicides shall be applied by persons qualified to apply pesticides on highway rights-of-way in conformance with the New York State Department of Environmental Conservation's pesticide applicator regulations. In no case shall treatment extend beyond the effective time of application as provided by the manufacturer. Herbicides application shall not be scheduled when— rain is forecast within 48 hours or when wind speeds exceed 15 kilometers per hour. No herbicide shall be applied when showers or rain threaten nor shall the herbicide be applied contrary to any weather related use restrictions identified on the product label.

All herbicide applications shall be made so they are confined to areas designated to be treated. The Contractor shall take all necessary precautions to avoid damage to any adjacent non-target vegetation and shall assume all responsibility for claims of damage resulting from this work.

6. **Performance:** This specification requires that following application of herbicides, there shall be no evidence of resprout or regrowth of treated stumps as determined by the Engineer for at least 50% of one continuous growing season. The contractor shall recut and retreat any vegetation originally removed under this item that shows evidence of regrowth within this time period.

METHOD OF MEASUREMENT

1. **Per Lump Sum.** Payment for Removal of Roadside Vegetation (Per Lump Sum) will be made on a lump sum basis for work satisfactorily completed.

2. **Per Hectare.** Payment for Removal of Roadside Vegetation (Per Hectare) will be made at the unit price bid per hectare computed to the nearest one hundredth hectare.

BASIS OF PAYMENT

Payment will be made at the contract price to furnish all equipment, materials, and labor necessary to satisfactorily complete the work as specified.

No separate payment will be made for excavation, backfill or earth cover used to complete the work of disposal, nor for work in handling, storing, rehandling and hauling of disposal materials within or off the right of way.

Roadside vegetation removal accomplished under this item shall be limited to those locations specifically listed elsewhere in the contract documents.

Progress Payments shall be made as follows:

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85% - Following completion of vegetation removal and disposal and treatment of stumps or stubble with an approved herbicide to the satisfaction of the Engineer.

15% - Following the performance requirements for the herbicide as evidenced by no resprout or regrowth on stumps or stubble.