

**Fill Quantities\***

Material removed from locations in fill (root mat, unsuitable material, demolition of pavement) is to be backfilled with Regular Excavation, Borrow material, Embankment, etc.

Include the quantity for backfill with the quantity for roadway fill (if same type material) to obtain the fill quantity needed for applicable locations.

**CLEARING AND GRUBBING**

Clearing and grubbing as covered in the current [Road and Bridge Specifications](#) can be measured and paid for on either of the following:

- lump sum basis
- unit basis

**Lump Sum**

Unlike previous Specifications for this method of payment, this method now necessitates a work order for any change in the limits of clearing and grubbing.

**Unit**

Payment by this method is applicable to removal of isolated tress, stumps or structures on very small projects or urban projects. The number of units paid for will be determined by the actual count of trees, stumps, structures, etc. to be removed.

Summarize units of Clearing and Grubbing with description as shown below.

UNITS OF CLEARING AND GRUBBING		
PLAN SHEET	LOCATION	DESCRIPTION
3	Sta. 30 + 00, 20' Rt.	36" Oak Tree
4	Sta. 39 + 25, 10' Lt.	12" Pine Tree
5	Sta. 41 + 50, 15' Rt.	24" Pipe

**Usable Cut Quantities**

To obtain usable cut to make fills, subtract root mat and/or unsuitable material above subgrade from individual cut quantities. Then, for borrow projects, apply shrinkage or swell factor received from Materials Division. The resulting quantity will be usable cut.

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\* Added 7/14