

**ITEM 01203.51 M - GRADING, CLEANING, AND SHAPING EXISTING DITCHES & BACKSLOPES**

**DESCRIPTION:**

This work shall consist of grading, cleaning and shaping existing ditches and backslopes as shown on the plans or A.O.B.E. so that adequate, unobstructed free flowing drainage is obtained. The Contractor shall:

1. Grade, clean and shape ditches, including removal of excess material as ordered by the Engineer to establish or restore proper drainage.
2. Shape the backslope along ditches to the top of the slope as shown on the plans or as ordered by the Engineer including necessary rounding.

**CONSTRUCTION DETAILS:**

The grading, cleaning and shaping of ditches and backslopes shall consist of rendering the ditches and backslopes free of obstructions including the removal of earth, sod, brush and debris. Material removed from ditches and backslopes shall be disposed of in conformance with the provisions of Subsection 203-3.08, Disposal of Surplus Excavated Materials.

The contractor shall exercise due care to protect all trees, fences, markers, culverts, underground structures, utilities and installations within and adjacent to the work area. The contractor shall replace in kind any facilities damaged by his operations at his own expense.

**METHOD OF MEASUREMENT:**

This work shall be measured as the number of linear meters of ditch along which such above described work is performed.

**BASIS OF PAYMENT:**

The unit price bid per linear meter for this work shall include the cost of furnishing all labor, material and equipment necessary to satisfactorily complete the described work except that the following items of work will be paid for under their respective items:

1. Seeding and mulching of disturbed areas within the ROW.
2. Cleaning of culverts.
3. Required shoulder excavation as ordered by the Engineer.
4. Required shoulder trimming and reshaping as ordered by the Engineer.