

**TECHNICAL SPECIFICATION 105
EXCAVATION, PLACEMENT, AND
DISPOSAL OF SURPLUS MATERIAL**

105.1 SCOPE OF WORK

This technical specification covers the furnishing of all labor, materials, testing, submittals, tools, and equipment necessary to excavate, place, form and shape slopes and other areas, and satisfactorily dispose of all materials that are within the limits of the work contracted for or as shown on the plans. Excavation under this item is intended for construction of roadways, subgrades, shoulders, slopes, entrances, retaining walls, channels, and any additional excavation necessary for, but not limited to the construction of roads, driveways, parking areas, sidewalks, concrete and granite curbing, trenches, drainage, light pole bases, and any other miscellaneous and incidental construction shown on the plans or as directed by the Engineer. Excavation and the off-site disposal of unsuitable material, boulders, concrete, and masonry walls and other structures, and concrete pavement of one or more cubic yards in size is included in this item. This item does not include the excavation and disposal of bituminous pavement, curbing, and sidewalks, all of which are included in Technical Specification 100 - "Clearing, Grubbing, and Site Preparation".

105.2 MATERIALS

Not applicable.

105.3 SUBMITTALS

Not applicable.

105.4 CONSTRUCTION METHODS

The construction methods utilized shall conform to Form 817, Section 2.02.03. Any excavated suitable material may be placed within the project limits to the lines and grades indicated on the plans, or as directed by the Engineer. All unsuitable material and excess suitable material including rock or blasted rock shall be the property of and be disposed by the Contractor. Disposal areas for excess and unsuitable material shall be subject to the approval of the Engineer.

In addition, where rock excavation requires blasting, it shall be done in accordance with the Town of Windsor ordinances, State Statutes or other pertinent regulations governing explosives and firing of blasts. Such ordinances or regulations shall not relieve the Contractor of any responsibility for damages caused by them or their employees due to the work of blasting. All blasting work must be performed or supervised by a licensed blaster who shall at all times have

a license on their person and shall permit examination thereof by the Engineer or other officials having jurisdiction.

105.5 MEASUREMENT

Measurement for these items will be based on the number of cubic yards excavated in place as determined by the method of average end areas or other acceptable method of field measurements, if approved by the Engineer, or as identified by payment lines shown on the drawings or details.

Boulders, concrete, and masonry walls and other structures as well as concrete pavement of one or more cubic yards in size shall be measured in place, before removal for payment as "Rock Excavation" and before blasting as "Blasted Rock."

105.6 PAYMENT

Payment for these items will be at the contract unit price per Cubic Yard including all labor, materials, testing, submittals, tools, and equipment necessary to complete the work as specified.

PAY ITEM	PAY UNIT
Earth Excavation	C.Y.
Rock Excavation	C.Y.
Blasted Rock Excavation	C.Y.
Unsuitable Material Excavation	C.Y.