

## ITEM 942

### DRIVEWAY EXCAVATION

#### 942.1 Description

Driveway excavation shall consist of the required excavation within the limits of driveway including 12 inches beyond the limits for the placing of form materials. The removal and proper utilization or disposal of all excavated material and the constructing, shaping and finishing of all earthwork on the entire length of driveway, in conformity with the required lines, grades and typical cross section and in accordance with the specification requirements herein outlined.

All driveway excavation, including stripping materials in the existing project site, shall be classified as common road excavation and will include all materials regardless of nature.

#### 942.2 Construction Methods

All driveway excavation and corresponding construction shall be performed as specified herein, and the completed driveway sub-grade shall conform to the established alignment, grades and cross sections.

All suitable excavated materials shall be utilized, insofar as practicable, in constructing the required driveway sections, or as directed by the Engineer. Suitable materials will be defined by the Engineer. Unsuitable excavation and driveway excavation in excess of that needed for construction shall be known as waste and shall become the property of the Contractor to be disposed of by the Contractor outside the limits of the right-of-way. Unsuitable material encountered below subgrade elevation, shall be replaced with material from the driveway excavation, or with suitable material.

During construction, the sub-grade shall be maintained in a condition to insure proper drainage at all times. Ditches and channels shall be so constructed and maintained as to avoid damage to the driveway section.

In those cases where the Contractor has over-excavated beyond the lines and grades shown on the drawings, or designated by the Engineer, it shall be the Contractor's responsibility to replace the material and re-compact it at his own expense.

#### 942.3 Special Driveway Excavation

When Geotechnical conditions dictate, the Engineer may direct the Contractor to excavate material from the exposed sub-grade, which will not properly support the driveway, and replace it with other material. In those cases the additional excavation shall be paid as provided for as specified herein. The material used to replace the excavated material shall be from the suitable excess material excavated from the site.

### Measurement and Payment

The quantity of excavation to be paid for shall be the number of cubic yards of material computed by theoretical cross-sections, obtained from the drawings and natural ground lines, including stripping, using the method of average end areas. Field cross-sections will not be performed after construction has begun.

After bidding, if the successful Contractor feels there is an error in the estimated quantities for excavation, as shown on the bid sheet, he shall provide at no expense to the City of Deer Park, sufficient documentation in the form of recoverable cross-sections and supporting computations. This documentation shall be provided prior to proceeding with any excavation work. No adjustments to the excavation quantities will be allowed once excavation work has begun.

If the documentation provided by the Contractor, is deemed by the City to be insufficient, additional supporting information may be required, at no expense to the City of Deer Park.

If the documentation, provided by the Contractor, is deemed by the City to be correct and is representative of actual field conditions, then the derived quantities shall be the basis of payment for excavation.

END OF ITEM 942