

SECTION 205—BORROW EXCAVATION

205.1 DESCRIPTION—This work is excavation of or obtaining embankment material from borrow areas acquired as specified in [Section 105.14](#) or from other sources for construction of embankments or backfills.

Borrow excavation includes Common Borrow Excavation, Foreign Borrow Excavation, and Selected Borrow Excavation, described as follows:

(a) Common Borrow Excavation. Excavation of suitable material as specified in [Section 206.2](#) from borrow areas that can be measured before and after excavation. Common Borrow Excavation also includes the removal of topsoil from borrow areas and stockpiling as specified in [Section 801](#).

(b) Foreign Borrow Excavation. Excavation of or obtaining satisfactory material from sources outside the limits of the project that cannot be measured before and after excavation.

(c) Selected Borrow Excavation. Excavation of or obtaining material used in specific items of work and designated by quality, size, and/or gradation, from sources outside the limits of the project that cannot be measured before and after excavation.

205.3 CONSTRUCTION—

(a) General. If project excavation is insufficient to complete the embankments or backfills, or does not meet the physical requirements, obtain material to complete the work.

Do not use material from borrow excavation until all suitable and available project excavation is used, unless otherwise directed.

If suitable material is available on the project, the Representative may, upon request, authorize in writing the widening of areas adjacent to slopes to obtain a portion or all of the excavation in place of borrow excavation, as shown on the [Standard Drawings](#).

The Contractor may waste suitable material and replace it with common borrow after obtaining written authorization from the District Executive and making satisfactory arrangements for obtaining cross-sections of borrow and waste areas and the satisfactory disposal of the waste material.

Haul material from borrow excavation of other sources for placement in embankment or for backfill.

Restore borrow areas as specified in [Section 105.14](#).

(b) Common Borrow Areas. When common borrow areas are required, obtain from areas as specified in [Section 105.14](#). Clear and grub the borrow site as specified in [Section 201](#), and remove topsoil. Notify the Representative at least 2 weeks before removing any suitable material, to sample, test, and take cross-sections.

(c) Foreign and/or Selected Borrow Excavation. When foreign or selected borrow excavation is required, do not begin operations until the material and placement sequence is accepted in writing and an Erosion and Sediment Pollution Control Plan is accepted by the County Conservation District and/or the DEP and by the Representative, as applicable.

205.4 MEASUREMENT AND PAYMENT—

(a) Common Borrow Excavation. Cubic Meter (Cubic Yard)

Measured as specified in [Section 203.4\(a\)2](#) based on cross-sections of the borrow area. The Department will not pay for material removed before measurements are taken.

Additional material obtained within project limits as specified in [Section 205.3\(a\)](#), used in place of borrow excavation will be measured and paid for as specified in the preceding paragraph. However, the Department will make payment at the lower contract unit price for either Class 1 Excavation or Borrow Excavation of the type indicated.

The Department will not pay for common borrow required to replace suitable excavated material wasted for contractor convenience, error, or oversight.

(b) Foreign Borrow Excavation. Cubic Meter (Cubic Yard)
Measured as compacted material in completed embankments.

(c) Selected Borrow Excavation. For the type indicated, and as follows:

1. Volume Basis. Cubic Meter (Cubic Yard)
Measured in place as compacted material, using the average end-area method.

2. Mass (Weight) Basis. Tonne (Ton)