

**SECTION 2.06
DITCH EXCAVATION**

2.06.01--Description: Ditch excavation shall consist of the removal and satisfactory disposal of all materials except water, the removal of which is necessary for the construction of drainage ditches, paved ditches, and paved leak-offs, except as noted below. Not included herein is excavation for gutters and channels.

2.06.03--Construction Methods : Ditch excavation shall be made in conformity with the requirements of the plans or as ordered by the Engineer. The excavated material shall be removed from the area adjoining the excavation and the suitable excavated material used in the embankments, unless otherwise directed by the Engineer. Unsuitable materials shall be disposed of as directed. The top of the banks of the ditches shall be graded and left in a neat and acceptable condition.

2.06.04--Method of Measurement: Ditch excavation will be measured according to conditions and between the limits set forth in the following:

1. Drainage Ditches (unpaved):

- (a) Within normal cut slopes, excavation will be measured under "Roadway Excavation."
- (b) On fill slopes, between the surface of the embankment and the bottom of the excavation.
- (c) In areas other than (a) and (b), next above, between the original ground surface and that after excavation is completed.

2. Paved Leak-offs and Paved Ditches:

- (a) Within normal cut slopes, between the limits of the top of paved surface and the bottom of the base course.
- (b) Within normal fill slopes, between the surface of the embankment and the bottom of the base course.
- (c) Outside of cut or fill slopes, between the ground surface and that after the excavation is completed.

Before starting any excavation, the Contractor shall notify the Engineer so that elevations and measurements of the work may be obtained. Any work done prior to such notification will not be paid for.

If rock conforming to the description given under Article 2.05.01 is encountered, the Contractor shall strip it of sufficient overlying material to allow for proper measurement. The Contractor shall notify the Engineer at least two (2) days prior to disturbing the rock that the rock surface is ready for measurement. If the Contractor shall fail to give such notice, or remove any rock prior to the taking of such measurement, the Engineer shall presume that the measurements taken at the time he first saw the material in question will give the true quantity of excavation.

2.06.05--Basis of Payment: This work will be paid for at the contract unit price per cubic meter for "Ditch Excavation" or "Rock in Ditch Excavation," whichever may apply in whole or in part. These prices shall include all equipment, tools and labor necessary to complete the work, dispose of the excavated material and leave the site in a neat and workmanlike condition.

When no item for "Rock in Ditch Excavation" appears in the contract and rock conforming to the description given under Article 2.05.01 is encountered in ditch excavation, its removal will be paid for at 500 percent of the contract unit price per cubic meter for "Ditch Excavation."

Pay Item	Pay Unit
Ditch Excavation	m ³
Rock in Ditch Excavation	m ³