

SECTION 207 - DITCH AND CHANNEL EXCAVATION

207.01 Description. This section describes ditch, spillway and water channel excavation, including channels for changing courses of streams. Work described in this section is exclusive of other contract work, such as roadway excavation and ditch, unlined gutters, and channel excavation within the roadway cross sections.

207.02 Materials.

Excavated Material 203.02(A)

207.03 Construction. Notify Engineer 10 working days before excavating ditches, spillways and channels.

Clear and grub area in accordance with Section 201 – Clearing and Grubbing. Excavate ditches, spillways and channels to the alignment, grades, and typical sections shown in contract documents.

When excavation is made below required grade for ditch and channel bottoms, backfill and compact areas below required grade for ditch and channel bottoms with suitable excavated material. When needed, place and compact backfill material in uniform horizontal layers not exceeding 8 inches in loose thickness before compaction. Compact each layer of backfill until a relative compaction of 90 percent or more is achieved, when tested in accordance with Subsection 203.03(C)(2) - Relative Compaction Test.

Use suitable excavated material as needed, from ditch and channel excavation to construct roadway embankments, dikes, or for other purposes. Unsuitable and surplus excavated material will become Contractor's property. Dispose of unsuitable and surplus excavated materials.

Remove debris and unwanted material from excavated ditches and channels.

207.04 Measurement.

(A) Engineer will measure ditch and channel excavation per cubic yard in accordance to contract documents.

(B) Ditch and channel excavation will be paid on a lump sum basis. Measurement for payment will not apply.

207.05 Payment. Engineer will pay for accepted pay items listed below at the contract unit price per unit, as shown in proposal schedule. Payment will be full compensation for the work prescribed in this section and contract documents.

207.05

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Engineer will pay for following pay items when included in proposal schedule:

Pay Item	Pay Unit
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Ditch and Channel Excavation	Cubic Yard
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Engineer will pay for:

(1) 80 percent of contract bid price upon completion of clearing and grubbing, excavating ditch, and backfilling and compacting below required bottom grade of ditches and channels.

(2) 20 percent of contract bid price upon completion of disposing unsuitable and surplus material.

Ditch and Channel Excavation	Lump Sum
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Engineer will not pay for clearing and grubbing in accordance with Section 201 – Clearing and Grubbing.

END OF SECTION 207