

**SECTION 207 - DITCH AND CHANNEL EXCAVATION**

**207.01 Description.** This work includes excavating highway ditches and water channels above and below culverts and bridges, including channels for changing the course of streams according to the contract. This work does not include ditches within the normal cross section of the roadway. \*|  
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**207.02 Materials.** None specified.

**207.03 Construction Requirements.** The Contractor shall notify the Engineer ten (10) working days before the Contractor does the excavation of ditches and channels. The Contractor shall excavate the irrigation ditches at a time convenient to the owner of the ditch. \*|  
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The Contractor shall use suitable materials from ditch and channel excavation in the construction of embankments and dikes. Unsuitable and surplus excavation material shall become the Contractor's property. The Contractor shall dispose the unsuitable material at no cost to the State. \*|  
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The Contractor shall backfill and compact excavation below the required bottom grade of ditches and channels with suitable material according to the contract at no cost to the State. \*|  
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The Contractor shall remove debris and unwanted material from the excavated ditches and channels before acceptance. \*|  
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**207.04 Method of Measurement.** The Engineer will measure ditch and channel excavation by the cubic yard. The Engineer will compute ditch and channel excavation by the average end area method and centerline distances. The Engineer will not compute more than the authorized cross section. \*|  
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The Engineer will measure the quantities of material excavated from ditches and channels as roadway excavation. \*|  
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**207.05 Basis of Payment.** The Engineer will pay for the accepted quantities of ditch and channel excavation at the contract unit price per cubic yard. The unit price includes full compensation for hauling, placing and compacting the excavated material, clearing and grubbing, and the disposal of surplus and unsuitable material, and furnishing labors, material, equipment and other incidentals necessary to complete the work. \*|  
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\*|

The Engineer will make payment under: \*|

Pay Item	Pay Unit
Ditch and Channel Excavation	Cubic Yard

If the proposal contains a pay item for overhaul of the excavated material for the formation of embankments and dikes, the Engineer will make measurement and payment according to Section 205 - Overhaul. \*|  
\*|

207.05

The Engineer will pay the following excavation for unlined gutters as roadway excavation: \*|

- (a) within the median area of a divided highway; and \*|
- (b) between the roadbed shoulder and an adjacent cut slope. \*|

If the proposal does not include a contract pay item for Ditch and Channel Excavation, the Engineer will pay the quantities of material excavated from ditches and channels for as roadway excavation. The Engineer will not allow additional compensation except as provided in Subsections 104.02 - Alteration of Plans or Type of Work and 104.03 - Extra Work. \*|