

**ITEM 0222201**

**ROCK-IN-TRENCH EXCAVATION 0-4'**

**DESCRIPTION**

This work shall include excavation of rock and excavation of underground trolley tracks found during trenching according to Item 0222001 or Item 0222101 and any other excavation up to four (4) feet deep. Rock, insofar as it applies to excavation, shall be defined as rock in definite ledge formation, boulders, one (1) cubic yard in size or greater, cement masonry structures, or concrete structures removed as indicated or directed from within the payment lines for excavation. No hardpan, no soft or disintegrated rock which can be removed with a pick and no loose, shaken or previously broken stone smaller than one (1) cubic yard will be measured or allowed as rock excavation.

**REFERENCED ITEMS**

Item 0222001 and 0222101

**REQUIRED SUBMITTALS**

None

**MATERIALS**

None

**CONSTRUCTION METHODS**

When rock is encountered, the Contractor shall strip it of sufficient overlying material to allow for proper measurement and shall then notify the Engineer that the rock surface is ready for measurement. If the Contractor shall fail to give such notice, 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. Explosives shall not be used in rock excavation. When trolley tracks are encountered, the contractor shall remove the steel track and concrete base to achieve the depth and width of the trench.

**METHOD OF MEASUREMENT**

This work will be measured in volume as cubic yards of rock excavated. The width of the rock excavation in trenches will be measured to a maximum of two (2) feet in width and the depth as required by plans or as directed by the Engineer.

**BASIS OF PAYMENT**

This work will be paid for at the contract unit price per cubic yard for "ROCK IN TRENCH EXCAVATION 0'-4' DEEP", which price shall include all materials, tools, equipment and labor necessary to complete the excavation in conformity with the plans or as ordered. It shall also include disposal of surplus material. Those portions of trench excavation above the rock will be paid under the item for "Trenching and Backfilling- Type I or Type II" or the item for which the rock was excavated.

<b><u>PAY ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
0222201	Rock in Trench Excavation 0'-4'	CY