

ITEM 0104051

REPAIR FLEXIBLE BASE ROADWAY WITH TRAPROCK

DESCRIPTION

Where required by the Engineer, the Contractor shall make repairs to failed, yielding, or unsatisfactory sections of flexible roadway base completed under other contract items. The work shall include excavating the failed section(s) to the depths and limits as ordered by the engineer and backfilling the excavation with processed traprock. This work is in addition to that required by the contract documents. Excavation and backfilling by hand may be necessary.

REFERENCED ITEMS

Items 0103702 and 0109101

REQUIRED SUBMITTALS

None

MATERIALS

Processed traprock to be used for backfilling shall conform to the material requirements of Item 0103702. Geotextile fabric shall be as specified under Item 0109101.

CONSTRUCTION METHODS

Whenever the Engineer determines that the flexible base for a pavement structure has yielded or failed in bearing capacity to the extent that it is unsatisfactory to receive pavement. The engineer will order the contractor to excavate and remove the unsuitable areas. The failed flexible base shall be excavated to the limits and additional depth as directed by the Engineer. Excavated materials may include processed traprock and unsuitable sub grade materials. These materials shall be legally disposed of off site and not reused in the work.

The bottom of the excavation shall be prepared and shaped to the required cross-section and compacted so that its dry density shall not be less than 95 percent of the dry density for that soil when tested in accordance with AASHTO T-180-01 Method D.

Geotextile fabric shall be placed on the bottom of the excavation. The excavation shall be refilled with processed traprock compacted in 6" lifts to the sub grade

elevation for the pavement structure. All this work shall be accomplished as directed by the Engineer.

The placement of geotextile fabric and processed traprock shall conform to the construction methods of Item 0103702 and 0109101 respectively.

METHOD OF MEASUREMENT

This item will be measured by the number of cubic yards of Repair Flexible Base Roadway with Traprock placed by order of the Engineer.

BASIS OF PAYMENT

This item will be paid for at the contract unit price per cubic yard for "REPAIR FLEXIBLE BASE ROADWAY WITH TRAPROCK", complete in place, which price shall include all materials, tools, equipment and labor incidental thereto. No separate payment will be made for off-site disposal of excavated unsuitable material, excavation, furnishing and placing geotextile fabric and furnishing and placing Processed Traprock but the costs for these items shall be included in the contract unit price.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0104051	Repair Flexible Base Roadway with Gravel	CY