

if necessary, to insure bonding with the next lift.

219.5-PAY ITEMS:

ITEM	DESCRIPTION	UNIT
219001-*	CONTROLLED LOW STRENGTH MATERIAL, TYPE "type"	CUBIC YARD (METER)

* Sequence number

220 THROUGH 227-BLANK

SECTION 228 SUBGRADE PREPARATION

228.1-DESCRIPTION:

This work shall consist of preparing the subgrade for the placing of base or subbase in accordance with these Specifications and in reasonably close conformity with the lines, grades, dimensions and cross section shown on the Plans.

This item is intended to be used for any project or portion thereof where the Contract is for paving without grading.

228.2-MATERIALS:

Not specified.

228.3-CONSTRUCTION METHODS:

All work shall be performed in accordance with the applicable provisions of 207 and 211.

Subgrade preparation shall include the entire width of the subgrade. Excavation material shall be used to bring eroded areas to the plan cross section. If sufficient material is not obtained from the subgrade preparation, additional suitable material shall be obtained by the Contractor.

228.4-METHOD OF MEASUREMENT:

The quantity of work done will be measured in square yards (meters) of "Subgrade Preparation" as determined from lines and dimensions shown on the Plans.

When borrow is necessary to complete the subgrade preparation item, it will be measured and paid for under the provisions of 211.

228.5-BASIS OF PAYMENT:

The quantity, determined as provided above, will be paid for at the contract unit price for the item listed below, which price and payment shall be full compensation for doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, and incidentals necessary to complete the work.

228.6

228.6-PAY ITEM:

ITEM	DESCRIPTION	UNIT
228001-*	SUBGRADE PREPARATION	SQUARE YARD (METER)

*Sequence number

SECTION 229 SHOULDERS AND DITCHES

229.1-DESCRIPTION:

This work shall consist of trimming, sloping, shaping, grading, subgrading, scarifying, and compacting existing shoulders and ditches including inlets and outlets to pipe culverts, and constructing new shoulders and ditches where necessary, in accordance with these Specifications and in reasonably close conformity with the lines, grades, and cross sections shown on the Plans or established by the Engineer.

229.2-MATERIALS:

Not Specified.

CONSTRUCTION METHODS

229.3-SHOULDERS:

Shoulders shall be formed and compacted as soon as possible after the surfacing item is completed, or as directed by the Engineer, to the grade and cross section shown on the Plans. Needed material shall be furnished by the Contractor.

The character and operation of the equipment shall be such that the pavement will not be damaged. Pavement damage by these operations shall be repaired, or removed and replaced by the Contractor to the satisfaction of the Engineer, without extra compensation. Upon evidence of such damage, the Engineer may require the discontinuance of the methods used and the work to be done by other methods. The final dressing shall be by hand methods if so required. Shoulders shall be constructed of suitable material obtained on the project or of selected material as designated on the Plans. Surplus or unsuitable material shall be removed and disposed of as directed, which shall include shaping shoulders under existing guardrail to edge of the fill.

The entire shoulder area shall be uniformly compacted by rollers, mechanical tampers, or hand methods, and finally dressed to true section.

229.4-DITCHES:

Existing ditches shall be trimmed, sloped, and cleaned, and inlets and outlets to existing structures opened and shaped to a uniform grade as directed by the Engineer.

229.5-METHOD OF MEASUREMENT: