

**ITEM 10503.0111 M - CEMENT CONCRETE FOUNDATION FOR PAVEMENT,  
REINFORCED, CLASS C**

**ITEM 10503.0112 M - CEMENT CONCRETE FOUNDATION FOR PAVEMENT,  
REINFORCED, CLASS F**

**DESCRIPTION.**

This work shall consist of constructing a reinforced portland cement concrete foundation for pavement, on a prepared subbase, in accordance with this specification, in substantial conformance with established grades and typical cross sections shown on the plans or established by the Engineer.

**MATERIALS.**

Subsection 503-2 shall apply.

Subsection 709-02 - Wire Fabric for Concrete Reinforcement.

**CONSTRUCTION DETAILS.**

The construction requirements of Section 503, Portland Cement Concrete Foundation for Pavement, shall apply except for the modifications indicated in this specification.

Concrete shall be placed, spread, and struck off using methods and equipment approved by the Engineer. Mechanical spreading and finishing will not be required. Concrete shall be thoroughly consolidated by immersion type vibrators.

Forms shall be wood or metal as approved by the Engineer and shall provide sufficient lateral support for placement and strike off operations. Existing curb may be used in lieu of forms.

Before any concrete is placed, the subbase surface shall be fine graded so that it will not extend more than 6 mm below or 6 mm above the true grade for the course, to a distance ahead of placement operations as determined by the Engineer. The subbase shall be kept in a uniformly moist condition when concrete is placed.

Concrete may be placed from an approved mixer by the use of steel-lined, baffled chutes or other non-segregating devices. Details of these devices shall be submitted to the Engineer for his approval, prior to the start of paving operations.

Precautions must be taken to avoid segregation of the concrete during placement and spreading. Concrete shall be deposited, from the mixer, as close to its final position as possible. Excessive movement of concrete by use of vibrators or other means will not be permitted.

No concrete mixing or placing equipment will be allowed on the grade unless approval is noted in the plans or specifications.

The concrete shall be struck off to the cross section and elevation shown on the plans or established by the Engineer.

**METHOD OF MEASUREMENT.**

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Cement concrete foundation for pavement will be measured by the number of cubic meters of concrete computed in accordance with the payment lines shown on the plans. No deductions will be made for catch basins, manholes, etc.

**BASIS OF PAYMENT.**

The unit price bid per cubic meter shall include the cost of providing all labor, materials, and equipment necessary to satisfactorily complete the work, except that transverse joint supports, longitudinal joint ties, metal reinforcement, and constructing and sealing joints will be paid for separately.