

**ITEM 10503.0103 M - CEMENT CONCRETE FOUNDATION FOR PAVEMENT,  
UNREINFORCED, CLASS C (SPECIAL AREAS)**  
**ITEM 10503.0104 M - CEMENT CONCRETE FOUNDATION FOR PAVEMENT,  
UNREINFORCED, CLASS F (SPECIAL AREAS)**

**DESCRIPTION.** This work shall consist of constructing an unreinforced portland cement concrete foundation for pavement in special areas, as indicated on the plans and in the proposal, in accordance with these specifications, 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.

**CONSTRUCTION DETAILS.** The construction requirements of Section 503, Portland Cement Concrete Foundation for Pavement, shall apply except for the modifications indicated in these specifications. 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 curbing may be used in lieu of forms.

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

Concrete may be placed directly on the grade from an approved mixer by the use of metal 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.

After placing and spreading, the concrete shall be struck off to the cross-section and elevation shown on the plans or established by the Engineer using methods and equipment approved by the Engineer.

For Class F concrete the curing period shall be two days when placement is made between June 1 and September 15 and three days at all other times.

**METHOD OF MEASUREMENT.** Cement concrete foundation for pavement (special areas) will be measured by the number of cubic meters of concrete computed in accordance with the payment lines shown on the plans. This quantity may be adjusted by the Engineer who may establish new payment lines as needed to satisfy field conditions. No deductions shall be made for catch basins, manholes, etc.

**ITEM 10503.0103 M - CEMENT CONCRETE FOUNDATION FOR PAVEMENT,  
UNREINFORCED, CLASS C (SPECIAL AREAS)**

**ITEM 10503.0104 M - CEMENT CONCRETE FOUNDATION FOR PAVEMENT,  
UNREINFORCED, CLASS F (SPECIAL AREAS)**

**BASIS OF PAYMENT.** Subsection 503-5 shall apply.