

ITEM 17203.9997 M - LIGHTWEIGHT CONCRETE GRIT CHAMBER FILL

Design the GCF to meet the flow consistency requirements defined herein.

CONSTRUCTION DETAILS

Furnish mixing and transporting equipment meeting the requirements of Section 501.

The Engineer will determine the flow consistency of the GCF material prior to placement. Flow consistency will be measured by filling a plastic or metal cylinder 150 mm in length and having an inside diameter of 75 mm with GCF and striking off the surface. Raise the flow cylinder 150 mm in a continuous motion without rotation. Immediately measure the spread of the GCF along two diameters which are perpendicular to each other. The GCF must have a minimum diameter of 200 mm.

Cast test specimens of GCF in accordance with Materials Method 9.2. The number and frequency of test specimens will be as determined by the Regional Geotechnical Engineer. Deliver specimens to the Regional Geotechnical Engineer for evaluation. The test specimens are for informational purposes and will not be used for project acceptance.

Place GCF in accord with the provisions of Subsection 555-3. Pumping will be allowed. Tremie placement will be required for underwater applications.

The GCF will be accepted on the basis of inspection by the Engineer.

METHOD OF MEASUREMENT

Payment for GCF material will be made for the number of satisfactorily placed cubic meters measured at the pump discharge by a measurement system approved by the Engineer. If appropriate, a deduction will be made for waste remaining in the system.

BASIS OF PAYMENT

The unit price bid per cubic meter includes the cost of furnishing all labor, materials, and equipment necessary to complete the work.