

## **ITEM 06555.10 M - ABANDON EXISTING CULVERT**

**DESCRIPTION:** This work shall consist of the abandonment and filling of existing culverts that are not removed under excavation items.

**MATERIALS:** Fill for abandoned culverts shall be a flowable mixture of sand, cement, flyash, and water, with a 28 day compressive strength of 345 to 690 kPa. Mix design shall be submitted to the Engineer for approval.

**CONSTRUCTION DETAILS:** Prior to filling operations, the Contractor shall remove and dispose of the existing end sections and clean the culvert of any materials that will restrict the flow of the fill material A.D.B.E.

Filling shall begin at the upstream location of the existing culvert to be abandoned.

Provide temporary bulkheads with air vents at the upstream and downstream ends of the culvert to be abandoned.

**METHOD OF MEASUREMENT:** The work of this item will be measured as the cubic meters of fill material placed within the culvert to be abandoned, based on Engineer approved batch delivery tickets. This quantity shall not exceed the theoretical interior volume of the culvert being abandoned.

**BASIS OF PAYMENT:** The unit price bid per cubic meter shall include all labor, material, and equipment necessary to complete the work. The cost of removing and disposing of the existing end sections, cleaning the culvert, any required excavation, sheeting, fill and applying water for compaction shall be included in the price bid for this item.