

CONTROLLED DENSITY (FLOWABLE) FILL

**\*\*From Hartland-Norwich IM 091-1(59)**

Highlighted provisions may be revised on a project basis dependent on the material application.

- xx. DESCRIPTION. This work shall consist of furnishing and placing controlled density (flowable) fill to fill voids within **median embankment(s)**.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 541 of the Standard Specifications.

- xx. MATERIALS. Material for flowable fill shall meet the requirements of Section 541 and the following:

- (a) Classification and Proportioning.

Class	Minimum Cementitious Material* (lbs/cy)	Maximum Water-Cem. Mat. Ratio	Range in Slump (in.)	Air Content(%)	Fine Aggregate Gradation Table	28-Day Comp. Strength (psi)
Flowable Fill	To be designed	0.85	6 min.	15 ± 5	704.01	125 max.
* A mineral admixture is required to replace a portion of the cement.						

- xx. CONSTRUCTION REQUIREMENTS. Flowable fill shall be applied to voids within **median embankment(s)** as specified in the Plans or as directed by the Engineer. Flowable fill shall be able to completely fill the **existing voids**.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Controlled Density (Flowable) Fill) to be measured for payment will be the number of cubic meters (cubic yards) of specified material placed in the complete and accepted work, as measured from the load tickets.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Controlled Density (Flowable) Fill) will be paid for at the Contract unit price per cubic meter (cubic yard). Payment will be full compensation for furnishing and placing the material specified, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.608 Special Provision (Controlled Density (Flowable) Fill)	Cubic Meter (Cubic Yard)