

843 - FLOWABLE FILL

843.1 DESCRIPTION

The contractor shall use low strength flowable fill as shown in the Plans and in accordance with Section 843 of the Standard Specifications except as otherwise modified herein.

843.2 MATERIALS

A flowable fill mix design shall be submitted to the City Engineer for approval and shall be such that it can be pumped. The contractor shall submit a laboratory mix design that shows compliance with the Low-Strength Mixture compressive strength and unit weight requirements shown in Table 843-1.

Unit weight testing will be performed at a frequency in accordance with the City Sampling and Testing Frequency Chart as outlined in the section entitled "Portland Cement Concrete Structures and Miscellaneous Construction."

The Engineer will accept the flowable fill based on the visual inspection of the mixture placed on the project. Compressive strength tests will not be performed unless ordered by the Engineer to confirm compliance with the approved mix design. Mix designs may be approved for all projects and will remain in effect unless material sources or batch weights change. Flowable fill that fails tests will be removed and replaced at contractor's expense as directed by the Engineer.

843.3 CONSTRUCTION

No removable flowable fill shall be placed on frozen subgrade. Insulating blankets shall be required to protect flowable fill from cold weather. All flowable fill provided to the project must include a delivery ticket with batch weights of all materials and admixture dosages.

843.4 MEASUREMENT AND PAYMENT

No direct payment shall be made for Flowable Fill (Low Strength), as it shall be considered subsidiary to other bid items.