Sample project special: 206ffab

02-03-11

REVISION OF SECTION 206

FLOWABLE FLY ASH BACKFILL

Section 206 of the Standard Specifications is hereby revised for this project as follows:

Subsection 206.02(a) shall include the following:

Flowable fly ash backfill may be substituted for Structure Backfill (Class 1) and (Class 2) where it is used to backfill culvert pipes, storm sewer pipes, and utility cuts. It shall not be used to backfill abutments. Flowable fly ash backfill shall be a thoroughly mixed combination of the following ingredients:

**Ingredients lbs/cu yd**

Class C Fly Ash 200 400

Class F Fly Ash 1600 – 1800

 Water 800 [or as needed for proper consistency]

Subsection 206.03 shall include the following:

Compaction of flowable fly ash backfill will not be required.

The maximum layer thickness for flowable fly ash backfill shall be 1 m (3 feet). Additional layers shall not be placed until the flowable fly ash backfill has lost sufficient moisture to be walked on without indenting more than 50 mm (2 inches). Damage resulting from placing flowable fly ash backfill in layers that are too thick or from not allowing sufficient time between placement of layers shall be repaired at the Contractor's expense.

 Subsection 206.07 shall include the following:

Flowable fly ash backfill substituted for Structure Backfill (Class 1) or (Class 2) will be paid for at the contract unit price for the original plan quantity of Structure Backfill (Class 1) or (Class 2).

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**INSTRUCTIONS TO DESIGNERS** (delete instructions and symbols from final draft):

Where appropriate, verify that use of flowable fly ash backfill is acceptable with local agencies and utilities.