
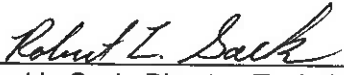


To: SUPERSEDED BY <u>EB 06-057</u> EFFECTIVE <u>5/3/07</u>		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 02-041
Title: CHANGE TO GRADATION REQUIREMENTS FOR SELECT GRANULAR FILL IN SECTION 203 OF THE STANDARD SPECIFICATIONS			
Distribution: <input type="checkbox"/> Manufacturers (18) <input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Contractors (39) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> _____ ()		Approved:  Robert L. Sack, Director, Technical Services Division <u>11 FEB 03</u> Date	

ADMINISTRATIVE INFORMATION:

- **Effective Date:** This Engineering Instruction (EI) is effective for the letting of September 11, 2003.
- **Superseded Issuances:** None. However, it modifies EI 02-005.
- **Disposition of Transmitted Materials:** These changes eventually will reside in the Standard Specifications when an addendum or a new book is issued.

PURPOSE:

To revise Section 203-2.02 C. 1. and delete the special gradation requirement for Select Granular Fill which only applies when it is used as backfill for plastic pipe.

TECHNICAL INFORMATION:

Designers should specify Sand Backfill, found in Section 203, for backfill around plastic gas pipe or plastic water pipe. Backfill around plastic drainage pipe should be Select Granular Fill unless otherwise specified by the Regional Geotechnical Engineer.

IMPLEMENTATION:

The attached shelf note will be inserted into all contract proposals by Main Office DQAB beginning with contracts submitted for the letting of September 11, 2003.

TRANSMITTED MATERIALS:

Shelf note to effect changes to the Standard Specifications of January 2, 2002 in Section 203.

BACKGROUND:

The Engineering Instruction (EI 00-038) that issued the pay items and specification sections for utility work initially introduced pay items for the sand backfilling of plastic gas and water pipes and also modified the top size of the select granular material used to backfill around these pipes. The sand backfilling items were subsequently modified by EI 02-005 but the modifications to the select granular material were not altered. The changes issued under this EI remove said modifications.

CONTACTS:

Direct comments and questions to Donald Dwyer of the Geotechnical Engineering Bureau at 518 457-4724, ddwyer@dot.state.ny.us

SECTION 203 - EXCAVATION AND EMBANKMENT

Make the following changes to the Standard Specifications of January 2, 2002, Section 203 - Excavation and Embankment:

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Line 27, under **§203-2 Materials, §203-2.02 Select Materials and Subgrade Area Material Requirements, C Select Granular Fill and Select Structural Fill**, *delete* "suitable and conform" and *replace* it with "suitable, well graded, and conform".

Line 29, under **§203-2 Materials, §203-2.02 Select Materials and Subgrade Area Material Requirements, C Select Granular Fill and Select Structural Fill, 1 Gradation**, *delete* "or plastic pipe".

Lines 35-36; under **§203-2 Materials, §203-2.02 Select Materials and Subgrade Area Material Requirements, C Select Granular Fill and Select Structural Fill, 1 Gradation**, *delete* the following:

"When used as backfill for plastic pipe, 100% of the material shall pass the 19 mm sieve."