



Top <b>SUPERSEDED BY EB 99-066</b> <b>EFFECTIVE 11/4/99</b>		New York State Department of Transportation <b>ENGINEERING</b> <b>INSTRUCTION</b>	<b>EI</b> <b>96-033</b>
Title: <b>Revision to §713-03 of the Standard Specification (Fertilizer)</b>			
Distribution: <input type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Main Office (30) <input type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Regions/Agencies (32)	<input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input type="checkbox"/> Contractors/AGC (39) <input type="checkbox"/> ( )	Approved:  P. J. Clark, Deputy Chief Engineer, Design Division	6/20/96 Date

**EFFECTIVE DATE.** The specifications transmitted herewith are effective with the September 5, 1996 letting.

**BACKGROUND:** This EI corrects an error which has existed since 1973. The existing specification is in conflict with natural availability of phosphoric acid in bonemeal.

Phosphate of bone is relatively insoluble and is therefore considered as a phosphate that is less effective and rated as unavailable. In the case of superphosphate §713-03 -Type #9 the classification of phosphate is water soluble and is therefore an available phosphate in that it will readily stimulate plant growth when properly used.

Note that the word "available" is not used to describe the phosphoric acid in Type #8 bonemeal. "Available" is, however, correctly used to describe the phosphoric acid in Type #9 superphosphate.

**PURPOSE.** This EI revises both English and Metric Standard Specifications to remove the word "available" from the second paragraph under §713-03 FERTILIZER. MATERIAL REQUIREMENTS.

**TRANSMITTED SPECIFICATIONS.**

1. **FERTILIZER.** This revises 1990 and 1995 Standard Specification §713-03. The attached shelf notes will be incorporated into the next update of the Standard Specification. Until that time, they will be inserts into contracts proposals beginning with the effective date of this instruction for project containing §610.xx, §611.xx and §612.xx pay items.

**CONTACT.** Questions regarding this Engineering Instruction should be directed to Charlie Nagel in the Landscape Architecture Bureau. He may be reached at 518-457-4460.

GAG:mah  
 6.14.96

## FERTILIZER

Make the following changes to the standard specifications of January 2, 1995:

Page 7-137

Under §713-03 **delete** the word "available" from the second paragraph under §713- 03 FERTILIZER. MATERIAL REQUIREMENTS.

## FERTILIZER

Make the following changes to the standard specifications of January 2, 1990:

Page 7-106

Under §713-03 **delete** the word "available" from the second paragraph under §713-03 FERTILIZER. MATERIAL REQUIREMENTS.

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