


TO: SUPERSEDED BY EI 93-007 EFFECTIVE 11/18/93	<h2 style="text-align: center;">ENGINEERING INSTRUCTION</h2> <p style="text-align: center;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p> <p>SUBJECT: SECTION 610 - TURF AND WILDFLOWER ESTABLISHMENT REVISIONS</p> <p>Subject Code: #7.27-1-610</p>
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APPROVED:  <hr/> David H. Fasser, Director, Landscape Architecture Bureau	Date: <u>July 22, 1991</u> Supersedes:

The purpose of the revision is to clearly state that Section 610-3.02D, Method No. 1, Ground Preparation does not require removal of embedded stones or other objects that do not protrude further from the ground surface than the specified maximum loose stone size.

Ground preparation Method No. 1 is primarily used for general roadside areas where seeding will be done on existing subsoils. The two inch maximum loose stone size specified under Method No. 1 is appropriate where seeding will be done on subsoils and where occasional mowing and/or traverseable slopes are required. These conditions describe many project locations where topsoil and lawn quality turf are not necessary. Also, we remind designers that removal of loose and protruding ones or other objects less than six inches in size or protruding height is usual. not required on long steep slopes and other areas that should not be mown. Leaving these larger size stones and other objects in locations where mowing is not intended will also result in reduced ground preparation costs and lower bid prices.

When differing stone sizes are appropriate for various locations on a project, designers should include a table(s) indicating what sizes must be removed from where. In addition, it is also desirable to delineate mowing limits to convey design intent and thereby help assure unnecessary and undesired mowing is not done. Additional information regarding designation of mowing limits will be provided to design and maintenance personnel in an updated Guide for the Determination of Mowing Limits currently being prepared by the Landscape Architecture Bureau.

Questions regarding this instruction or the revised specification may be directed to Charles J. Nagel of the Landscape Architecture Bureau at (518) 457-4460.

This revision of Standard Specification Section 610 will become effective with the letting of October 3, 1991.

"Section 610 Turf and Wildflower Establishment"

Make the following changes to the Standard Specifications of January 2, 1990:

Section 610.3.02 D. Method No. 1 is deleted in its entirety and replaced with:

METHOD NO. 1. Areas to be seeded shall be scarified sufficiently to break up the surface crust immediately before seeding except where, in the judgement of the Engineer, the ground is already loose and friable as immediately following grading. Where topsoil is not specified, all loose stones and other objects over two inches in greatest dimension, or other sizes as specified, shall be removed and disposed of as approved. All embedded stones and other objects protruding more than two inches above the surface, or other heights specified, shall also be removed and disposed of as approved. Where topsoil is specified the maximum loose stone size shall be two inches or as otherwise specified under §613-2. Unless otherwise specified in the contract documents, only limestone and/or fertilizers may be mixed together with the seeds (including legume inoculants when required) immediately before sowing. Any method of sowing that does not injure the seeds in the process of spreading will be acceptable.