



To: <p style="text-align: center;">SUPERSEDED BY <u>EB 06-057</u> EFFECTIVE <u>5/3/07</u></p>		<p style="text-align: center;">New York State Department of Transportation ENGINEERING INSTRUCTION</p>	<p style="text-align: center;">EI 05-033</p>
Title: REVISIONS TO STANDARD SPECIFICATIONS - § 610 TURF AND WILDFLOWER ESTABLISHMENT AND §713-11 WOOD FIBER MULCH			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32)	Approved:  Philip J. Clark, PE, Deputy Chief Engineer, Design Division	<input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <u>09/26/05</u> Date	

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects submitted for the letting of May 4, 2006.
- This EI does not supersede any previous EIs or Engineering Bulletins.
- The attached shelf notes will be incorporated into a future revision of the Standard Specifications.

PURPOSE: This Engineering Instruction issues revisions to Section 610 TURF AND WILDFLOWER ESTABLISHMENT and Section 713-11 WOOD FIBER MULCH of the Standard Specifications.

TECHNICAL INFORMATION:

- The specification revisions issued by this EI instruct contractors to follow the manufacturers' recommendations for rates of wood fiber mulch application.
- There will be no additional cost associated with the implementation of this EI.

TRANSMITTED MATERIALS: Revised Section 610 TURF AND WILDFLOWER ESTABLISHMENT and Section 713-11 WOOD FIBER MULCH of the Standard Specifications.

BACKGROUND: Due to increased use of straw mulch and its sometimes limited availability, the Department anticipates increased use of wood fiber mulch. The Department has been made aware of inappropriate application rates of wood fiber mulch. There are different recommended rates of application based on slope and soils. In order to avoid a one-size-fits-all approach, the specifications are revised to assure that contractors follow the manufacturer's recommended rates, and if necessary, make a second application to achieve those rates.

CONTACT: Direct questions regarding this EI to Charlie Nagel (Landscape Architecture Bureau) (518) 457-4460 (e-mail: cnagel@dot.state.ny.us) or Gary Glath (Landscape Architecture Bureau) (518) 457-4460, (e-mail: gglath@dot.state.ny.us).

Make the following changes to Volume II of the Standard Specifications of January 2, 2002:
Page 6-61 **Delete** Section 610-3.02 Establishing Turf, E. Mulching and **replace** it with the following:

E. Mulching. Mulch shall be spread uniformly in a continuous blanket of sufficient thickness to hide the soil from view, taking care not to over apply. Mulch may be spread by hand or by machinery. Mulch shall not be spread before seeding turf unless otherwise approved or directed. Anchorage for hay and/or straw mulch is required unless otherwise specified in the Contract Documents. Mulch and mulch anchorage shall be applied separately from seeds unless otherwise specified in the Contract Documents. When use of wood fiber mulch is specified, it shall be spread in accordance with the manufacturer's instructions and/or recommendations.

Make the following changes to Volume II of the Standard Specifications of January 2, 2002:
Page 6-62 **Delete** Section 610-3.03 Establishing Wildflowers, E. Mulching and **replace** it with the following:

E. Mulching. Mulch shall be spread uniformly in a continuous blanket of sufficient thickness to hide the soil from view, taking care not to over apply. Mulch may be spread by hand or by machinery. Mulch shall not be spread before seeding turf unless otherwise approved or directed. Anchorage for hay and/or straw mulch is required unless otherwise specified in the Contract Documents. Mulch and mulch anchorage shall be applied separately from seeds unless otherwise specified in the Contract Documents. When use of wood fiber mulch is specified, it shall be spread in accordance with the manufacturer's instructions and/or recommendations.

Make the following changes to Volume III of the Standard Specifications of January 2, 2002:
713-11 WOOD FIBER MULCH, Page 7-152, line 32 **BASIS OF ACCEPTANCE**, **replace** the sentence with the following:

The Engineer's acceptance of wood fiber mulch shall be based on the manufacturer's product label, including methods and rates of applications, and certification indicating compliance with these specifications and any applicable regulatory requirements pertaining to solid waste management.