
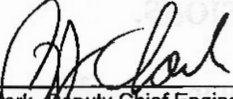


MODIFIED BY EB 99-072 EFFECTIVE 11/4/99 & EB 99-074 EFFECTIVE 10/8/99		<i>New York State Department of Transportation</i> ENGINEERING BULLETIN	EB 99-066
<i>Expires one year after issue unless replaced sooner</i>			
Title: ADDENDUM NO. 2 TO THE STANDARD SPECIFICATIONS OF 1995			
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		9/02/99 Date	

Administrative Information. This Engineering Bulletin will be effective on all contracts let on or after November 4, 1999, and announces the availability of ADDENDUM NO. 2 TO THE STANDARD SPECIFICATIONS OF 1995. ADDENDUM NO. 2 will be available for distribution by the beginning of September, 1999. A free copy of Addendum No.2 will be delivered or mailed to all 1995 Spec Book owners on record. Owners of a 1995 Spec Book who do not get a free copy of Addendum No. 2 should contact Plan Sales at (518) 457-2124 to obtain their free copy.

Transmitted Materials. Most of Addendum No. 2 consists of shelf notes that have been included in proposals as far back as 1995. Other changes have been inserted more recently at the request of various Main Office bureaus.

Following is a list of the more significant (longer) revisions. The subsections listed in normal font have previously been issued as shelf notes, and the subsections listed in bold are later revisions that were circulated for review concurrently with the Addendum.

SECTION 100 - Already transmitted as Addendum NO. 1

SECTION 200 - Revisions replacing all or parts of §203, §206, §207 and §209

SECTION 300 - Revisions Replacing all of §304

SECTION 400 - Revisions replacing all or parts of §401-2.02, §401-2.03, §401-3.13B, §401-4, §402, §403

SECTION 500 - Revisions replacing all or parts of §552, §553, §554, §566-1.03, §557, §565, §568, §569-5, §557-3.08, §571-1.06, §571-3.06, §571-3.07, §578, §582-5.04, §584, §597

SECTION 600 - Revisions replacing all or parts of §603, §606-2.14, §606-3.19, §606-4, §606-5, §608-4.02, §608-5.02, §609-3.06, §609-5, §612, §619-1.02N, §619-2.02, §619-2.10, §619-3.02, §619-3.12, §619-5, §624-4, §624-5, §645, §630-25, §630-26, §630-27, §648, §652, §655, §680-2, §680-5, §687, §698

SECTION 700 - Revisions replacing all or parts of §701-03, §701-07, §702, §704-07, §704-14, §705-10,

§705-12, (§705-20 deleted), §706-02, §706-17, §707-02, §707-11, §707-13, §709-06, §710-13, §710-23, §710-24, §711-11, §711-12, §712-06, §713-01, §713-07, §713-11, §713-12, §713-15, §715-07, §715-16, §716-10, §716-11, §716-12, §717-03, §717-04, §727-03, §724-04, §727, §730-05, §730-09, §730-21, §730-25, §730-26, §730-27, §732-01, §732-02, §732-03, §732-04, §732-05, §732-06, §732-07, §732-08, §732-09, §732-10, §732-11, §732-12

DESCRIPTION OF REVISIONS.

Section 203 Specific revisions are as follows:

1. Address the use of recycled materials, including reclaimed asphalt pavement (RAP), and recycled Portland cement concrete (RPCCA).
2. Eliminate subjective words such as "proper", and "thoroughly".
3. Change 203.12 to Settlement *Rods*.
4. Verify that all references to Section 100 are still correct and in conformance with Addendum No. 1.
5. Ensure that any reference to the DOT's organizational structure is correct and current.

Section 207 This Section was revised to reflect the fact that the Department has incorporated the requirements of AASHTO M-288. In addition, testing and acceptance of geotextiles now follow a procedure different from that described in the 1995 Standard Specifications.

In an effort to keep all geotextile-related items together, requirements for Prefabricated Composite Structural Drains and Integral Abutment Drains (PCSD's and PCIAD's) are now included in this Section.

These changes necessitated altering the item numbers and names at the end of the Section.

Section 304 In recent years, the standard pay items in Section 304 have been used less frequently, in favor of special specification items that permit the use of certain recycled materials. Therefore, this Section was revised to permit the use of recycled Portland cement concrete (RPCCA), and reclaimed asphalt pavement (RAP), for Types 1, 3, and 4.

For Type 2 the use of glass was deleted, and RPCCA and RAP is not permitted. Discussions with people who helped develop the requirements for Type 2 revealed that the requirements were based on the physical properties of specific materials (stone and slag). More research is needed to determine if the Type 2 gradation would still be effective if glass, RAP, or RPCCA were allowed in the material mix.

Other minor refinements were made to clarify the meaning of the requirements in the Section and to enhance readability. Last, the item numbers were revised.

Section 552 See E.I. 98-033 for explanation of changes.

Section 554 Engineering Bulletin EB 97-029 describes the Department's procedure for evaluating and approving proprietary retaining wall systems. Under this procedure, the Department recently approved a proprietary wall system that utilizes plastic geogrid reinforcement instead of the

traditional steel. However, since the current requirements for Section 554 address steel reinforcement only, there was no simple way to allow this new approved product to compete fairly with more traditional mechanically stabilized earth systems. The Section had to be revised.

A Task Force was assembled to rewrite the Section, and address other needs, such as adding a new section in the Approved List. This Task Force was comprised of personnel from Geotech, Structures, and Materials.

The new Section now permits all products on the Department's Approved List to be used, and yet is broad enough to set requirements for future possible retaining wall systems.

Reference is also made to a new Section, 704-14, which contains the requirements for precast concrete panel units.

See E.I. 98-033 for explanation of additional changes.

- Section 557 A Class H concrete modified by the addition of pozzolans was made the standard for decks and approach slabs. Preplacement meetings are required. Deck curing has been lengthened to 14 days, with at least the first 7 days of curing requiring continuously wetted burlap. The waiting period for deck loading has been lengthened. Maximum screed rail support spacing is specified.
- Section 565 The approval process, material testing, fabrication and construction of elastomeric bearings has been simplified. An alternate anchor bolt placement method was added.
- Section 566 One cell modular joints may now be supplied by non-Approved List firms.
- Section 568 New pay numbers were created to identify and track the cost of our new standard bridge railings.
- Section 569 Additional pay numbers were created to track the costs of different types of concrete barrier.
- Section 578 Slab reconstruction concrete is measured and paid as a separate item. Curing must be 7 day continuously wetted burlap.
- Section 584 High density and latex modified concrete were removed as allowed materials and Class DP (a class D mix modified by pozzolans) was added. Curing must be continuously wetted burlap, curing time was lengthened. Slab reconstruction concrete is paid as a separate item.
- Section 597 Timber bridge railing is suitable for use on some bridges, a standard specification was developed to cover the work.
- Section 648 Major changes are the incorporation of two closely related special specifications that were a part of many past drilling contracts. The two special specifications are an item for the installation of an open well piezometer that frequently is required when drilling mud is used on a project, and an item for grouting a boring to seal it from surface infiltration.
- Minor editorial changes were also made to eliminate conflicting, confusing, or outdated wording.

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Section 652 This Section now includes recommended application rates for calcium chloride for dust control. These application rates were determined by the DEC not to be harmful to the environment.

Section 732 See Section 648 above. This Section and Section 648 are used together, necessitating changes to this Section to ensure compatibility with the revised Section 648.

ACTION BY DESIGNERS

Designers are hereby requested to modify the note on title sheets which references the Standard Specifications to read as follows: "ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (METRIC UNITS) OF JANUARY 2, 1995, AS AMENDED BY ADDENDA NOS. 1 AND 2, EXCEPT AS MODIFIED ON THESE PLANS AND IN THE ITEMIZED PROPOSAL."

Contact Person. Any questions pertaining to this EB may be addressed to Richard Stempel, of the Design Quality Assurance Bureau, at (518) 457-5440.