

New Jersey Department of Transportation

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Baseline Document Change Announcement

Standard Input (SI 2001E1)

BDC00S-6

December 27, 2001

Subject: Release of Standard Input (SI2001E1) for the 2001 Standard Specifications for Road and Bridge Construction, and Consultant Preparation of Special Provisions.

English Standard Input (SI) SI2001E1 is hereby released by the Department. **SI2001E1** and the 2001 *English Standard Specifications* shall be used for all projects designed in U.S. Customary English Units. Issued revisions to the 1996 *Standard Specifications* and the 1998 *Supplemental Specifications* that were included in *SI98DOT2* are now incorporated in the 2001 *Standard Specifications for Road and Bridge Construction*. The Bureau of Quality Management Services (QMS) will update **SI2001E1** as specification revisions are released.

Several revisions approved by FHWA that have not been issued via Baseline Document Change Announcement (BDC), Corrective Action Notice (CAN) or Quality Improvement Advisory (QIA), are incorporated in **SI2001E1**. These revisions are incorporated in the following subsections:

Subsection	Revision
404.25 Method of Measurement.	revision is made to indicate the basic asphalt price index to be used is the Monthly Asphalt Price Index published during Advertisement
406.13 Surface Course Rideability Requirements.	payment reduction provisions are added for Superpave Hot Mix Asphalt
518.02 Materials.	an updated listing of manufacturers is provided
617.03 Traffic Control Devices.	text is added alerting Contractors that traffic control devices, with the exception of those noted, must be NCHRP 350 compliant after January 1, 2003
902.02 Posts, Timber Spacers, and Recycled/Synthetic Spacers.	approved manufacturers are added
903.03 Sampling and Testing.	Subpart H. added to include HMA and Superpave HMA pay items that are subject to pay adjustment
914.02 Portland Cement Concrete Design, Control, and Acceptance Testing Requirements.	significant number of pay items subject to pay adjustments is added. Note, the standard item column appears as red hidden text and will not print out in the Master Special Provisions

Instruction to Designers

In conjunction with the 2001 English Standard Specifications, SI2001E1 shall be used for all projects scheduled for Final Design submission after April 1, 2002.

The Department's Quality Assurance Process is currently being revised with revisions forthcoming. In the interim, for preparation of project *Special Provisions*, the *NJDOT Procedures Manual* and current revisions shall be used with the exception of the submittal requirement of the *Special Provisions Input Sheets* noted in BDC99PR-008 dated June 5, 2000 and BDC00S-8 dated September 14, 2000. The *Special Provisions Input Sheets* are no longer required for projects.

- **Initial Design Submission** – For the present time, requirements of the current Procedures Manual shall be applicable relative to preparation of the Special Provisions. Designers are reminded that approval is required for non-standard or experimental items as described in BDC99PR-008 under the heading Non-Standard work.
- **Final Design Submission** – a hard copy of the draft Special Provisions shall be submitted with the project specific non-standard text, as well as, the text of the SI to be deleted. Revisions are to be clearly indicated as further described in this BDC. All issues of the Special Provisions must be resolved prior to the Final Design submission.
- **Submission of Master Special Provisions** - The Designer is responsible for obtaining the most current SI from the Web site address provided in this Announcement just prior to preparation and submission of the project specific Special Provisions. The Master Special Provisions shall be a clean copy ready for printing by the Department. Specification revisions issued subsequent to printing of the Masters will be incorporated in projects by Addenda as required.

Future revisions made to the SI by QMS will be shown with a series of red asterisks along with the BDC, CAN or QIA number and Announcement issue date. The instructional text will appear in red font with specification revisions in black. The entire text of the issued revision may be viewed and downloaded from the CPM web site.

Special Provisions - Submission

- Designers must maintain the format styles of the SI when inserting text.
- Text shall be in **Microsoft Word 97**.
- Use **Times New Roman** Font at the following point sizes:

Division Titles	14/Bold
Section Titles	12/Bold
Subsection Titles	10/Bold
All other text	10
- Non-standard items or additions to the Standard text of the SI shall be shaded 10% for review purposes.
- Standard text of the SI that is to be deleted shall be shown with a strikethrough.
- A hard copy of the draft Special Provisions with the shaded and strikethrough text must be provided for Final Department review.
- All Department Final review comments must be resolved and revisions incorporated by the Designer prior to submission of the Master Special Provisions.
- Final Design Submission Transmittal letters must include notice to Department reviewers identifying the shaded text as a revision to the SI, and the strikethrough text as to be deleted for the Master Special Provisions.
- The Master Special Provisions must be a clean copy, free of hidden or instructional, shaded or strikethrough text, and shall be ready for printing by the Department.
- The Master Special Provisions shall be submitted on a 3½ inch diskette to serve as the official Department file copy, along with one hard copy for printing.

Since all issues of the SI must be resolved prior to submission, Designers are reminded to contact Subject Matter Expert Units **several weeks in advance** of the Final Design submission in order to obtain necessary information in time for the submission. When an answer can not be obtained from the SME unit, the Designer shall contact the Project Manager for further direction. The Designer must ensure that all pertinent Specification revisions, issued subsequent to the Designers Final submission, (via BDC, CAN or QIA Announcement) are incorporated in the SI prior to submission of the Master Special Provisions.

Standard Input (SI) Format and Styles

- The preset format styles or attributes of the SI have been notably reduced from the 70 styles in *SI98DOT2*, to just 18 in *SI2001E*. The attributes include font type, size, paragraph spacing and alignment, tabs and indents, automatic numbering of lists, etc. The preset styles of the SI ensure that different people contributing to the SI will have no trouble maintaining a consistent format of presentation.
- Instructional text is provided to ensure essential issues of the Special Provisions are addressed or when a choice of Specifications is required by the Designer. The instructional text provides clear direction to the Designer and also provides a Subject Matter Expert Unit to contact for questions.
- Instructional text is capitalized in red color font and presented between a series of asterisks as shown in the example below. The Subject Matter Expert is noted also. The red instructional text is “hidden text” and will not appear in the Master specifications. An example follows:

202.09 Milling of Bituminous Concrete.

2. Construction Requirements.

THE FOLLOWING IS ADDED AFTER THE NINTH PARAGRAPH:

Milled areas shall not be left unpaved for longer than ____ hours, unless approved by the Engineer.

- A listing of phone numbers for Subject Matter Expert Units of the SI are included as an attachment to this BDC.
- A table with a description of the format styles of *SI2001E1* is included as an attachment to this BDC.

Distribution and Announcement Access Information for Designers

This announcement is being distributed electronically to our in-house staff and various public agencies based on our Standard Specifications distribution list maintained by the Engineering Documents Unit.

Internet access to this BDC Announcement along with all necessary files and web links can be downloaded and viewed from the following New Jersey Department of Transportation Web Page:

<http://www.state.nj.us/transportation/cpm/BaselineDocuments/bdcdownloads.htm>.

Hard copies of this document can be acquired on a limited basis by contacting:

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Attachments – SI2001E1, SME Units, SI Guidelines, Style Sheet

BJS: SNY

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