Subject: ENG – NEH PART 642, “SPECIFICATIONS FOR CONSTRUCTION CONTRACTS”

**Purpose.** To transmit new and revised specifications for the Natural Resources Conservation Service (NRCS) National Engineering Handbook (NEH), PART 642, “Specifications for Construction Contracts”.

**Effective Date.** Effective upon receipt.

**Explanation.** The NEH, Part 642, “Specifications for Construction Contracts”, is being updated by this notice. This update includes new and revised construction and material specifications. The Construction specifications, including the Instructions for Use and the Material Specifications inclusive of Amendment 1 changes, will be available through the NRCS Technical Resources Web site at [http://www.nrcs.usda.gov/technical/ENG/](http://www.nrcs.usda.gov/technical/ENG/).

The following Construction Specifications, with Instructions, are new or revised:

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<th>Specification Description</th>
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<td>31</td>
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<td>Minor Corrections</td>
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<td>98i</td>
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– MORE –

**DIST:** S (and State Conservation Engineers), R, L, and National Center Directors
The following Material Specifications are new or revised:

<table>
<thead>
<tr>
<th>Revised Extent</th>
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**Distribution.** Due to printing and distribution costs, this directive is available through the NRCS Electronic Directives System at [http://policy.nrcs.usda.gov](http://policy.nrcs.usda.gov). After issuance, it will also be available through the NRCS Conservation Engineering Web site at [http://www.nrcs.usda.gov/technical/ENG/](http://www.nrcs.usda.gov/technical/ENG/).

**Filing Instructions.** In the event that a paper copy of the NEH Part 642 is retained, please download and replace the documents shown on the attached "Filing Instructions".

**Contact.** Please contact the National Construction Engineer, Conservation Engineering Division, by telephone at (202) 720-2972.

/s

DAVID D. THACKERAY
Acting Director
Conservation Engineering Division

Attachments

NEH Part 642

Filing Instructions

USDA:NRCS:S&T:CED:DThackeray:SCarlson:720-0110:S\&T_ced\Admin_Office\NEH642
Cons Spec trans scarlson 1 12 06 tkb rev 1 30 06.rtf
Filing Instructions

These documents are available electronically on the NRCS Web site at: http://www.nrcs.usda.gov/technical/ENG/construction_specs_home.html. If paper copies of the NEH are retained, please download and replace the following documents:

**Chapter 1 Changes:**

**Discard**
- Chapter 1 – General Contract Specification Procedures 5/01

**Insert**
- Chapter 1 – General Contract Specification Procedures 11/05

**Chapter 2 Changes:**

**Discard**
- Concrete for Major Structures (cs31) 5/01
- Steel Reinforcement (cs34) 5/01
- none
- none
- Tile Drains (cs46) 5/01
- Rock Riprap (cs61) 5/01
- Wire Mesh Gabions and Mattresses - Twisted (Woven) or Welded Mesh (cs64) 5/01
- Painting Metalwork (cs82) 5/01
- Painting Wood – Instructions for use (cs84i) 5/01
- Painting Wood (cs84) 5/01
- HDPE & LLDPE Liner – Instructions for use (cs97i) 5/01
- HDPE & LLDPE Liner (cs97) 5/01
- Geosynthetic Clay Liner – Instructions for use (cs98i) 5/01
- Geosynthetic Clay Liner (cs98) 5/01

**Insert**
- Concrete for Major Structures (cs31) 11/05
- Steel Reinforcement (cs34) 11/05
- Roller Compacted Concrete - Instructions for use (cs36i) 11/05
- Roller Compacted Concrete (cs36) 11/05
- Tile Drains (cs46) 11/05
- Rock Riprap (cs61) 11/05
- Wire Mesh Gabions and Mattresses - Twisted (Woven) or Welded Mesh (cs64) 11/05
- Painting Metalwork (cs82) 11/05
- Painting Wood – Instructions for use (cs84i) 11/05
- Painting Wood (cs84) 11/05
- Flexible Membrane Liner – Instructions for use (cs97i) 11/05
- Flexible Membrane Liner (cs97) 11/05
- Geosynthetic Clay Liner – Instructions for use (cs98i) 11/05
- Geosynthetic Clay Liner (cs98) 11/05

**Chapter 3 Changes:**

**Discard**
- Rock for Riprap (ms523) 5/01

**Insert**
- Rock for Riprap (ms523) 11/05
- Aggregates for Roller Compacted Concrete (ms524) 11/05
Chapter 3 Changes (continued):

**Discard**
- Chemical Admixtures for Concrete (ms533) 5/01
- Steel Reinforcement (for Concrete) (ms539) 5/01
- Concrete Culvert Pipe (ms542) 5/01
- Clay Pipe and Drain Tile (ms544) 5/01
- Plastic Pipe (ms547) 5/01
- Coated Corrugated Steel Pipe (ms551) 5/01
- Slide Gates (ms571) 5/01
- Flap Gates, Metal (ms572) 5/01
- Metal (ms581) 5/01
- Coal Tar-Epoxy Paint (ms583) 5/01
- Lime (ms593) 5/01
- HDPE & LLDPE Flexible Membrane Liner (ms594) 5/01
- Geosynthetic Clay Liner (ms595) 5/01

**Insert**
- Chemical Admixtures for Concrete (ms533) 11/05
- Steel Reinforcement (for Concrete) (ms539) 11/05
- Concrete Culvert Pipe (ms542) 11/05
- Clay Pipe and Drain Tile (ms544) 11/05
- Plastic Pipe (ms547) 11/05
- Coated Corrugated Steel Pipe (ms551) 11/05
- Slide Gates (ms571) 11/05
- Flap Gates, Metal (ms572) 11/05
- Metal (ms581) 11/05
- Coal Tar-Epoxy Paint (ms583) 11/05
- Lime (ms593) 11/05
- Flexible Membrane Liner (ms594) 11/05
- Geosynthetic Clay Liner (ms595) 11/05