



Natural Resources Conservation Service  
Federal Building, Room 443  
10 East Babcock  
Bozeman, MT 59715

---

February 27, 2006

**NATIONAL ENGINEERING HANDBOOK (NEH) FILING SYSTEM (PARTS 600/659)  
210-VI  
AMENDMENT MT42**

**SUBJECT:** ENG--DISTRIBUTION OF NATIONAL ENGINEERING HANDBOOK (NEH), PART 641, DRAFTING, CHAPTER 1, COMPUTER-AIDED DESIGN (CAD) STANDARDS, AND PART 642, SPECIFICATIONS FOR CONSTRUCTION CONTRACTS, AND REVISED NATIONAL AND MONTANA TABULATION SHEETS

**Purpose.**

1. To transmit NEH, Part 641, Drafting, Chapter 1, Computer-Aided Design (CAD) Standards (**NEW**) that will replace Technical Release 73, Computer-Aided Drafting and Design (CADD) Standards, dated January 1989 which has been (**CANCELLED**).
2. To transmit NEH, Part 642, Specifications for Construction Contracts (**REVISED**).

**NOTE: These Construction Specifications are not used on most NRCS projects that are not constructed without a formal bid. Field offices do not use these construction specifications on typical field office projects.**

3. A revised Montana tabulation sheet for Parts 600/609--General is being transmitted.
4. A revised National tabulation for Part 640/649 is being transmitted.  
(See the electronic PDF files attached below.)

**Effective Date.** This electronic amendment is effective upon receipt.

**Explanation of Material.**

1. Technical Release 73 is cancelled and will be transmitted under separate cover. TR-73 has been replaced with Chapter 1, Computer-Aided Design (CAD) Standards, Part 641, Drafting and Drawings.
2. NEH, Part 642, Construction and Material Specifications for Construction Contracts has been revised (formerly NEH-20). There are minor to major revisions to the existing construction and material specifications. New Construction and Material Specifications have also been added.

- more -

## **Filing Instructions.**

These engineering documents and coordinating attachments can be electronically downloaded at the National NRCS Directives Web Site:

All Holders of National Engineering Handbook

1. NEH, Part 641, Chapter 1, Computer-Aided Design (CAD) Standards are found at:

[http://policy.nrcs.usda.gov/scripts/lpsiis.dll/H/H\\_210\\_NEH\\_Content.htm](http://policy.nrcs.usda.gov/scripts/lpsiis.dll/H/H_210_NEH_Content.htm). After this site is found scroll down to:

### **Part 641 – Drafting and Drawings**

#### **Chapter 1 – Computer-Aided Design (CAD) Standards**

2. NEH, Part 642, Construction and Material Specifications for Construction Contracts are found at the NRCS Technical Resources Web site at: <http://www.nrcs.usda.gov/technical/ENG/>. After clicking on the National NRCS/Technical Resources/Conservation Engineering location, click on Construction Specifications. The complete download of the Specifications can be found at the bottom of the page. The Specifications can also be found by typing in [http://www.nrcs.usda.gov/technical/ENG/construction\\_specs\\_home.html](http://www.nrcs.usda.gov/technical/ENG/construction_specs_home.html).

#### **REMOVE:**

NEH, Parts 600/609, General, remove Montana Tabulation Sheet.

NEH, Part 640/649, National Tabulation Sheet.

NEH, Part 642, Construction Specifications, remove 31, 34, 36i, 36, 46, 61, 64, 82, 84i, 84, 97i, 97, 98i, 98 and Material Specifications, 523, 524, 533, 539, 542, 544, 547, 551, 571, 572, 581, 583, 593, 594, 595.

#### **INSERT:**

NEH, Parts 600/609, General, download Montana Tabulation Sheet followed by the Amendment MT42 transmittal letter.

NEH, Part 640/649, National Tabulation Sheet.

After going to the web site listed above, and retrieving your copy, please insert NEH, Part 641, Chapter 1 after index tab, Drafting.

NEH, Part 642, Construction Specifications, insert 31, 34, 36i, 36, 46, 61, 64, 82, 84i, 84, 97i, 97, 98i, 98 and Material Specifications, 523, 524, 533, 539, 542, 544, 547, 551, 571, 572, 581, 583, 593, 594, 595.

- more -

**Filing Instructions--continued.**

**THE INFORMATION BELOW IS FOR STATE OFFICE, SENIOR AND FIELD ENGINEERS ONLY. NEH 642 IS NOT DISTRIBUTED TO FIELD OFFICES.**

The filing instructions for NEH 642 Specifications for Construction Contracts can be found by clicking on the electronic copy of the attached PDF file:



NEH642  
Specifications for Cor

The National Directives Tab can be found by clicking on the NEH-Natl PDF file below.



NEH\_Natl\_Part640\_6  
49\_Tab\_Sht.pdf

The Montana Directives Tab can be found by clicking on the NEH-MT PDF file below.



NEH\_MT\_Tab\_Sht.pdf

Please contact D. James Suit at (406) 587-6828 if you have any questions or concerns.

DAVE WHITE  
State Conservationist

Electronic Enclosures can be retrieved within Document:

cc w/o paper copies:  
Assistant State Conservationists for Field Operations  
All Field Offices  
All Engineers  
All Civil Engineering Technicians