

United States Department of Agriculture



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Natural Resources Conservation Service

3001 Coolidge Road, Suite 250

East Lansing, MI 48823

T (517) 324-5270/ F (517) 324-5171/ www.mi.nrcs.usda.gov

March 26, 2008

NATIONAL ENGINEERING HANDBOOK (NEH)
PART 650, ENGINEERING FIELD HANDBOOK (EFH)
MICHIGAN NOTICE 39

SUBJECT: ENG – NEH PART 650, ENGINEERING FIELD HANDBOOK (EFH)
UPDATED MICHIGAN SUPPLEMENTS TO CHAPTER 2

Purpose: To distribute copies of updated NRCS-Michigan EFH Supplements.

Effective Date: This notice is effective upon receipt.

The EFH is being supplemented to update NRCS-Michigan engineering guidance in the following areas:

- Chapter 2, Estimating Runoff and Peak Discharges
 - Precipitation Tables
 - Hydrologic Soil Groups for Michigan Soils

Filing Instructions:

1. Index - Remove Index of Michigan and National Notices, NEH Part 650, Engineering Field Handbook, pages MI Index-1 through MI Index-4, dated 12/2003
2. Chapter 2 - Remove pages MI 2-14.1 through MI 2-14.6 dated 12/2003 (MI Notice 38)
3. Chapter 2 - Remove pages MI 2-91.1 through MI 2-91.6 dated 12/2003 (MI Notice 38)
4. Index - Insert Index of Michigan and National Notices, NEH Part 650, Engineering Field Handbook, pages MI Index-1 through MI Index-4, dated 3/2008 after the Preface
5. Chapter 2 - Insert pages MI 2-14.1 through MI 2-14.8 dated 3/2008 (MI Notice 39) after page 2-14
6. Chapter 2 - Insert pages MI 2-91.1 through MI 2-91.6 dated 3/2008 (MI Notice 39) after page 2-91

With the filing of this NRCS-Michigan EFH Notice, only the NRCS-Michigan EFH Supplements listed above should be included in EFH chapter 2. If there are any other supplements in your copy of those chapters, they should be removed.


GARRY LEE
State Conservationist


STEPHEN S. DAVIS, P.E.
State Conservation Engineer

Attachments

Distribution: All holders of Engineering Field Handbook
Central State Conservation Engineers

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

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Index of Michigan and National Notices

NEH Part 650, Engineering Field Handbook

Michigan Notices

Notice No.	Date	Subject	Page Nos.
1	3/14/74	C.M.P. Riser Proportioning	6-42.10
2	4/15/75	Armored Channel Design (10 cfs)	6-27, 6-27.1 -- 6-27.19, 6-28
3	1/13/77	Superseded	
4	1/13/77	Superseded	
5	1/12/77	Superseded	
6	11/1/77	Irrigation Systems	15-69.1 -- 15-69.25
7	11/1/77	<ul style="list-style-type: none"> • Procedures for Determining Construction Material Quality • Prequalified Conservation Construction Materials 	17-54.1 -- 17-54.3 17-54.4
8	11/1/77 12/5/77	Superseded	
9	2/3/78	Superseded	
10	4/18/78	Superseded	
11	12/26/78	Superseded	
12	3/14/79	TR62 - Engineering Layout, Notes, Staking and Calculations	TR62 in Chapter 1
13	11/24/80	Superseded	
14	12/31/80	Landscape Architecture - Landscape Resource Design for Ponds	11-60.1 -- 11-60.14
15	7/13/81	Superseded	
16	10/2/81	<ul style="list-style-type: none"> • Re-bar: American Standard Bar Marks and Sizes • Non-Metallic Pipe for Soil and Water Conservation Work 	17-26.1 -- 17-26.2 17-36.1 -- 17-36.30
17	11/25/81	Non-Metallic Pipe for Soil and Water Conservation Work	17-36.13 -- 17-36.16, 17-36.27, 17-36.27a, 17-36.27b, 17-36.28
18	12/4/81	Superseded	
19	5/10/82	Superseded	
20	8/24/82	<ul style="list-style-type: none"> • Weir Design Tables • Grade Stabilization Structures • Pages 6-91.9 -- 6-91.10 - replaced by Notice 31 	6-12.1 -- 6-12.2 6-91.1 -- 6-91.8 6-91.11 -- 6-91.26
21	12/14/82	Superseded	
22	12/17/82	Superseded	

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Michigan Notices (cont.)

Notice No.	Date	Subject	Page Nos.
23	3/30/83	Guidelines for Controlling Erosion and Sediment Production on Construction Sites	17-8.1 -- 17-8.5
24	1/30/84	Superseded	
25	3/12/84	Pen and Ink Changes	17-26.2, 6-91.3, 6-91.8
26	5/9/84	<ul style="list-style-type: none"> • Engineering Notes for Subsurface Drain Design • Corrugated Aluminum Toewall Drop Structure • Kaiser Aluminum - DP 109 (Edition 3) 	1-88.01 -- 1-88.18 6-91.27 -- 6-91.39 (following 6-91.39)
27	8/13/84	Superseded	
28	11/26/84	Superseded	
29	1/30/86	Values of Q_o in $ft^3/s/acre$	11-55d
30	3/22/90	Superseded	
31	4/17/91	Design Guidance for Box Inlet Toewall Drop Spillways	6-91.9 -- 6-91.10
32	4/17/91	Superseded	
33	4/23/92	Superseded	
34	4/22/94	Concrete Block Chute	6-91.40 -- 6-91.58
35	2/17/95	Geotextile Reinforced Vegetated Chute	6-92.1
36	4/15/96	Superseded	
37	7/10/00	Superseded	
38	12/23/03	<ul style="list-style-type: none"> • Index of Michigan and National Notices • Precipitation Tables – replaced by Notice 39 • Hydrologic Soil Groups for Michigan Soils – replaced by Notice 39 • Preapproved Non-NRCS Designs for Animal Waste Storage Facilities and Agrichemical Containment Facilities • Grassed Waterways, Retardance Values • Grassed Waterway Design Charts • Diversion, Retardance Values 	MI Index-1 -- MI Index-4 MI 2-14.1 -- MI 2-14.6 MI 2-91.1 -- MI 2-91.6 MI 5-23.1 -- MI 5-23.2 MI 7-18.1 -- MI 7-18.2 MI 7-49.1 -- MI 7-49.14 MI 9-8.1 -- MI 9-8.2
39		<ul style="list-style-type: none"> • Index of Michigan and National Notices • Precipitation Tables • Hydrologic Soil Groups for Michigan Soils 	MI Index-1 -- MI Index-4 MI 2-14.1 -- MI 2-14.6 MI 2-91.1 -- MI 2-91.6

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National Notices

Notice No.	Date	Subject	Page Nos.
1-12	7/84	All Notices Incorporated Into the "Fourth Printing" of the EFM in July 1984	
13	3/31/86	Chapter 7, Grassed Waterways	
14	3/31/86	Chapter 9, Diversions	
Circular 1	4/20/89	Chapter 1, Note Keeping Procedure for Direct Reading Survey Rods	i, ii, 1-9a -- 1-9c
15	8/1/89	Chapter 2, Estimating Runoff and Peak Discharge	
16	6/7/90	Revised Pages in Chapter 2, Estimating Runoff and Peak Discharges	i -- iv, 2-5 -- 2-10, 2-39 -- 2-42, 2-87 -- 2-91
17	8/7/90	Chapter 4, Elementary Soil Engineering	
EFH-1A	2/28/92	Chapter 13, Wetland Restoration, Enhancement, or Creation [text dated 1/92]	
EFH-1A	12/23/92	Chapter 18, Soil Bioengineering for Upland Slope Protection and Erosion Reduction [text dated 10/92]	
NEH-650-16	1/15/97	Chapter 16, Streambank and Shoreline Protection [text dated 12/96]	
NEH-650-19	8/8/97	Chapter 19, Hydrology Tools for Wetland Determination [text dated 8/97]	
NEH-650-14	6/14/01	Chapter 14, Water Management (Drainage) [text dated 4/2001]	
NEH-650.07	2/1/2007	Chapter 7, Grassed Waterways [text dated 12/2007]	

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