



Natural Resources Conservation Service  
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July 13, 2012

ENGINEERING FIELD HANDBOOK (NEH Part 650)  
210 – ENG  
Notice IL56

SUBJECT: ENG – National Engineering Handbook (NEH), Part 645, Engineering Technical Materials

Purpose. To distribute revised and new IL-ENG standard drawings

Effective Date. Upon receipt.

Explanation of Changes. This notice distributes 27 revised and 2 new standard engineering drawings. Major highlights include:

- Fence drawings – added allowance for Class I and II type brace pins and clarified that metal weight includes post and anchor plate
- New drawings: Rock Crossing for Waterway, Flanged Metal Pipe Connections
- Complete revision of Terrace Basin Plan
- Consolidation of existing surface inlet (riser) drawings, with clarifications on material specifications
- Clarification on use of downstream plastic cutoff for Block Lined Chute

The Illinois NRCS engineering website will be revised to reflect the updated drawings:  
<http://www.il.nrcs.usda.gov/technical/engineer/engdraw.html>.

Filing Instructions. Optional. Holders of hardcopy Illinois Engineering Drawing binders should:

1. Replace Numerical Index dated 4/2012 with the new Numerical Index (attached) dated 7/2012.
2. Replace Category Index dated 4/2012 with the new Category Index (attached) dated 7/2012.
3. Print copies of the new and revised drawings, which will be temporarily available on SharePoint until 7-27-2012:  
<https://nrcs.sc.egov.usda.gov/central/il/Shared%20Documents/Forms/AllItems.aspx>
4. Follow instructions on attached distribution listing of new drawings, filing in IL-ENG Drawing binder.

Questions regarding this submittal should be directed to the Area Engineer.

A handwritten signature in black ink, appearing to read "Ruth Book", with a long horizontal flourish extending to the right.

RUTH BOOK  
State Conservation Engineer

Attachments

Dist: All IL NRCS Employees  
All IL SWCD Employees

