NEBRASKA ENGINEERING REFERENCES

EFH -- Engineering Field Handbook, NEH, Part 650

NEBRASKA SUPPLEMENTS TO EFH:

CHAPTER 1 - ENGINEERING SURVEYS
- NE Survey Note Survey

CHAPTER 2 - ESTIMATING RUNOFF
- Annual Surface Yield
- Estimated Sediment Requirements
- Runoff Curve Numbers
- Surface Runoff Isograms

CHAPTER 3 - HYDRAULICS
- Table--Flow of Water from Horizontal Pipes

CHAPTER 4 - ELEMENTARY SOIL ENGINEERING

CHAPTER 5 - PREPARATION OF ENGINEERING PLANS
- Planning Procedures/Construction Documents
- Exhibits

CHAPTER 6 - STRUCTURES
- Cathodic Protection Maintenance Testing
- Debris Basin for Ag Waste Management Systems
- Debris Basin Capacity Curves
- Debris Basin Yardage Tables
- Design Guide for Corrosion Control

CHAPTER 7 - WATERWAYS & OUTLETS
- Waterway Design Table
- Trapezoidal Waterway Charts

CHAPTER 8 – TERRACES (Exhibits)
- Tables for Terrace Quantities
- Terrace Spacing vs Channel Length & Velocity Guide
- Underground Outlets

CHAPTER 9 - DIVERSIONS
- Diversion Design

CHAPTER 11 - PONDS AND RESERVOIRS
- Reservoir Storage

CHAPTER 15 - IRRIGATION

Plane Surface Design
Plane Surface Design Exercise
PSD Exercise
Table--Max Permissible Irrigation Ditch Velocities After Aging
Excavated Ponds with Slopes 2:1 sides/4:1 Ends
Excavated Ponds with Slopes 3:1 sides/5:1 Ends
Excavated Ponds with Slopes 3:1 sides/6:1 Ends

CHAPTER 17 - CONSTRUCTION AND CONSTRUCTION MATERIALS

Pipe Conduits

APPENDIX 1 - NE CONSTRUCTION SPECIFICATIONS (CSPEC)

NE CSPEC Index

APPENDIX 2 - NE STANDARD DRAWINGS

NE Standard Drawings