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Selected List of Published Recommendations on Drainage

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SELECTED LIST OF PUBLISHED RECOMMENDATIONS ON DRAINAGE

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This selected list of publications has been prepared to help county surveyors and others obtain published information pertaining to drainage design, construction and maintenance. Each surveyor may wish to avail himself of such materials pursuant to the 1965 Indiana Drainage Code (Section 109, Chapter 305, Acts of 1965).

Not all of these publications will be of equal value in establishing drainage standards in each county. Those items with an asterisk (*) will be of greatest value and the others will be of help to some or will be good general references to have on file.

All known pertinent publications of Purdue University, the American Society of Agricultural Engineers, the American Society of Civil Engineers and the United States Department of Agriculture are included.

PURDUE UNIVERSITY

Single copies of the following publications are available free from any county extension agent or from the Publications Office, Agricultural Experiment Station Building, Purdue University, Lafayette, Indiana 47907:

*Indiana Farm Drainage Guide, ID-55
(This manual is presently out of print, but is being revised and reprinted and will be available in early 1966.)

*Follow These Suggestions for Good Tile Drainage, Extension Circular 458.

Water Table Control on Maumee Fine Sandy Loam, Research Progress Report 142.

Surface Drainage on Clermont Silt Loam, Research Progress Report 159.

Land Smoothing System of Surface Drainage, AE-60.

Weeding with Chemicals, ID-1.

Grass Waterways, Extension Circular 453.

The following publications are available from the Joint Highway Research Project, Civil Engineering Building, Purdue University, Lafayette, Indiana 47907:

*Principles of Highway Drainage and Erosion Control, Engineering Bulletin, County Highway Series No. 4. (Free)
Determination of Peak Discharge and Design Hydrographs for Small Watersheds in Indiana, 106 pages. Price $1.00.

Soil survey reports are available free through the county extension agent. Soil survey reports of the following counties are presently available:

- Adams
- Bartholomew
- Blackford
- Brown
- Carroll
- Cass
- Clay
- Decatur
- Dubois
- Fayette-Union
- Franklin
- Fulton
- Gibson
- Hancock
- Jennings
- Johnson
- Knox
- Kosciusko
- LaPorte
- Lawrence
- Martin
- Miami
- Monroe
- Morgan
- Newton
- Noble
- Ohio-Switzerland
- Pike
- Putnam
- Randolph
- Scott
- St. Joseph
- Steuben
- Switzerland-Ohio
- Owen
- Tippecanoe
- Union-Fayette
- Vanderburgh
- Vermillion
- Washington
- Wayne

Soil survey reports are in the process of publication for these counties:

- Allen
- Fountain
- Madison
- Parke

County drainage maps, an "Atlas of County Drainage Maps of Indiana" and engineering soils maps are available at the costs indicated from the Joint Highway Research Project, Civil Engineering Building, Purdue University, Lafayette, Indiana 47907:

- County Drainage Maps at the scale of $1/2" = 1 mile are available for all counties at $1 per map.

- County Drainage Maps at the scale of $1" = 1 mile are available for all counties at $2 per map.

"Atlas of County Drainage Maps of Indiana" including all counties at a map scale of $1/2" = 1 mile; cost $15 per copy.

County engineering soils maps at a scale of $1" = 1 mile are available for the following counties at $2 per map:

- Cass
- Clark
- Dearborn
- DeKalb
- Elkhart
- Floyd
- Fountain
- Grant
- Harrison
- Jackson
- Jasper

U.S. DEPARTMENT OF AGRICULTURE


*Soil Conservation Service National Engineering Handbook, Section 16--Drainage. One copy of this handbook will be made available free to each county for the office of the county surveyor and the county drainage board. The county surveyor may request this copy from the Soil Conservation Service, 311 West Washington Street, Indianapolis, Indiana 46204.
Single copies of the following USDA publications are available free from the Agricultural Engineering Department, Purdue University, Lafayette, Indiana 47907:

Farm Drainage, USDA Farmer's Bulletin No. 2046

Maintaining Drainage Systems, USDA Farmer's Bulletin No. 2047

Keep Your Tile Drains Working, USDA Leaflet No. 347

Single copies of the following publication are available free from Mr. Keith H. Beaufrechamp, Soil Conservation Service, 134 South 12th Street, Lincoln, Nebraska 68508:

Structures in Soil and Water Conservation

The following Soil Conservation Service Technical Guides may be reviewed only in any Soil Conservation Service Office:

310 - Bedding
314 - Brush and Weed Control
326 - Clearing and Snagging
356 - Dikes and Levees
360 - Ditch Bank Seeding
362 - Diversions
410 - Grade Stabilization Structures
412 - Grassed Waterway or Outlet
466 - Land Smoothing
480 - Drainage Main or Lateral
533 - Pumping Plants for Water Control
572 - Spoilbank Spreading

580 - Streambank Protection
582 - Stream Channel Improvement
584 - Stream Channel Stabilization
587 - Structures for Water Table Control
590 - Drainage Field Ditches
606 - Tile Drains
608 - Tile System Structures

AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS

The following two publications are available at the price indicated from the American Society of Agricultural Engineers, 420 Main Street, St. Joseph, Michigan 49085:


AMERICAN SOCIETY OF CIVIL ENGINEERS

The following are available at the price indicated from the American Society of Civil Engineers, 33 West 39th Street, New York, New York:

Hydrology Handbook, Manual No. 28. Price $3.00 ($1.50 to ASCE members).

Design and Construction of Sanitary and Storm Sewers, Manual No. 37. Price $7.00 ($3.50 to ASCE members).

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