UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT TO THE CLASSIFICATION AND CORRELATION OF THE SOILS OF HAMILTON COUNTY, INDIANA

May 2003

AMENDMENT NO. 1

This amendment results from digitizing the Hamilton County Soil Survey and updating the NASIS database for SSURGO certification.

Pages 1-3. Add the following map units to the legend:
W - Water
Omz – Orthents, earthen dam

Pages 4-6. Replace the Symbols Legend with the attached NRCS 37A. Descriptions of the special symbols are given below.

LABEL	NAME	DESCRIPITION
CRO	Crosier spot	A small area of Crosier soils. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
ESO	Escarpment, other than bedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area with less than 15 percent fragments. Typically 0.2 to 2 acres.
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands. Levees built according to COE standards.
MIA	Miami spot	A small area of Miami soils. Typically 0.2 to 2 acres.
OVW	Overwash spot	An area covered by overwash ranging from 10 to 40 inches in thickness. Typically 0.2 to 2 acres.

SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
UWT	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.
WDP	Wet depression	A shallow, concave area within poorly or very poorly drained soils that ponds water for intermittent periods and is saturated for appreciably longer periods of time than the surrounding soil. Typically 0.2 to 2 acres.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

NRCS SOILS 37A
Indiana Official 37A
Compilation, Digitizing and DMF
June 28, 2001

Hamilton County, Indiana

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

May 2003

CULTURAL FEATURES

BOUNDARIES

National, state, or province

County or parish

Minor civil division

Reservation (Military)

Land grant (Optional)

OTHER BOUNDARY (label)

Airport (Label only) — Davis Airport or Airstrip

LAND DIVISION CORNERS (section and land grants)

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS & DESIGNATIONS

Interstate

Federal

State

HYDROGRAPHIC FEATURES

STREAMS

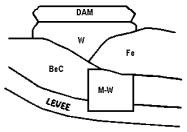
‡Double line

Unclassified (single line)

Drainage end

SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO

SOIL DELINEATIONS AND SYMBOLS



LANDFORM FEATURES

ESCARPMENTS

Bedrock

Other than bedrock

SHORT STEEP SLOPE

GULLY

LEVEES

‡Single side slope (showing actual feature location)

DEPRESSION, closed

SINKHOLE

EXCAVATIONS

PITS

Borrow pit

Gravel pit

Mine or quarry

MISCELLANEOUS SURFACE FEATURES

Blowout

Clay spot

Gravelly spot

Marsh or swamp

Rock outcrop (includes sandstone and shale)

Sandy spot

Severely eroded spot

Slide or slip

Spoil area

Stony spot

Very stony spot

Wet spot

SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO

RECOMMENDED AD HOC SOIL SYMBOLS

	SYMBOL_ID			SYMBOL_ID	
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VMS	4			26	
EAS	5			27	
MAS	6			28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16			38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UWT	44	

‡ Denotes SSURGO features and symbol.

Page 12. Replace the Classifications of Soils with the following table. The classifications are updated to the 8th Edition of Keys to Soil Taxonomy with this amendment.

Classification of the Soils
Hamilton County, Indiana

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Brookston	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Crosby	Fine, mixed, active, mesic Aeric Epiaqualfs
Fox	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
*Genesee	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Hennepin	Fine-loamy, mixed, active, mesic Typic Eutrudepts
Houghton	Euic, mesic Typic Haplosaprists
Miami	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Milton Variant	Fine, mixed, active, mesic Typic Hapludalfs
Nineveh	Fine-loamy over sandy or sandy-skeletal, mixed, active, mesic Typic Argiudolls
Ockley	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Orthents	Orthents
Palms	Loamy, mixed, euic, mesic Terric Haplosaprists
Patton	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Randolph Variant	Fine, mixed, active, mesic Aeric Endoaqualfs
Ross	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Shoals	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Sleeth	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Sloan	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Westland	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs

Approval Signatures and Date

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