

**United States Department of Agriculture  
Natural Resources Conservation Service  
MLRA 11 Office, Indianapolis, Indiana  
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**First Amendment of the Classification and Correlation of the Soils of Adams County, Illinois**

This first amendment was prepared by Gary R. Struben, Soil Data Quality Specialist, MLRA Region 11, Indianapolis, Indiana and Robert A. Tegeler, MLRA Soil Survey Project Leader, Springfield, Illinois.

Page 3, Publication Symbol 50A-Change Approved map unit name  
from Virden silt loam, 0 to 2 percent slopes  
to Virden silty clay loam, 0 to 2 percent slopes

Page 6, Field Symbol 277A, 275-Change Publication Symbol from 276A to 671A and  
Change Approved map unit name  
from Port Byron, silt loam, moderately wet, 0 to 2 percent slopes  
to Biggsville silt loam, 0 to 2 percent slopes and move to page 10  
Field Symbol 277B-Change Publication Symbol from 276B to 671B and  
Change Approved map unit name  
from Port Byron, silt loam, moderately wet, 2 to 5 percent slopes  
to Biggsville silt loam, 2 to 5 percent slopes and move to page 10  
Field Symbol 386B-Change Publication Symbol from 383B to 675B and  
Change Approved map unit name from Downs silt loam, moderately wet, 2 to 5 percent slopes  
to Greenbush silt loam, 2 to 5 percent slopes and move to page 10  
Field Symbol 386C2-Change Publication Symbol from 383C2 to 675C2 and  
Change Approved map unit name  
from Downs silt loam, moderately wet, 5 to 10 percent slopes, eroded  
to Greenbush silt loam, 5 to 10 percent slopes, eroded and move to page 10

Page 8, Add Field Symbol 551D2-Gosport silt loam, 10 to 18 percent slopes, eroded with Publication  
Symbol 549D2 and Approved map unit name of Marseilles silt loam, 10 to 18 percent slopes,  
eroded  
Add Field Symbol 551D3-Gosport silty clay loam, 10 to 18 percent slopes, severely eroded with  
Publication Symbol 549D3 and Approved map unit name of Marseilles silty clay loam, 10 to 18  
percent slopes, severely eroded  
Field Symbol 551E2-Change Publication Symbol from 551D2 to 549D2 and  
Change Approved map unit name  
from Gosport silt loam, 10 to 18 percent slopes, eroded  
to Marseilles silt loam, 10 to 18 percent slopes, eroded  
Field Symbol 551E3-Change Publication Symbol from 551D3 to 549D3 and  
Change Approved map unit name  
from Gosport silty clay loam, 10 to 18 percent slopes, severely eroded  
to Marseilles silty clay loam, 10 to 18 percent slopes, severely eroded  
Add Field Symbol 551F-Gosport silt loam, 18 to 35 percent slopes with Publication Symbol 549F  
and Approved map unit name of Marseilles silt loam, 18 to 35 percent slopes  
Field Symbol 551F2-Change Publication Symbol from 551F to 549F and  
Change Approved map unit name  
from Gosport silt loam, 18 to 35 percent slopes  
to Marseilles silt loam, 18 to 35 percent slopes  
Field Symbol 551G-Change Publication Symbol from 551G to 549G and  
Change Approved map unit name  
from Gosport silt loam, 35 to 60 percent slopes  
to Marseilles silt loam, 35 to 60 percent slopes

Page 10, Add Field Symbol 276A-Port Byron silt loam, moderately wet, 0 to 2 percent slopes with Publication Symbol 671A and Approved map unit name of Biggsville silt loam, 0 to 2 percent slopes

Add Field Symbol 276B-Port Byron silt loam, moderately wet, 0 to 2 percent slopes with Publication Symbol 671B and Approved map unit name of Biggsville silt loam, 2 to 5 percent slopes

Add Field Symbol 383B-Downs silt loam, moderately wet, 2 to 5 percent slopes with Publication Symbol 675B and Approved map unit name of Greenbush silt loam, 2 to 5 percent slopes

Add Field Symbol 383C2-Downs silt loam, moderately wet, 5 to 10 percent slopes, eroded with Publication Symbol 675C2 and Approved map unit name of Greenbush silt loam, 5 to 10 percent slopes, eroded

Field Symbol 268A, 274A-Change Publication Symbol from 653A to 678A and change Approved map unit name

from Mt. Carroll, silt loam moderately wet, 0 to 2 percent slopes to Mannon silt loam, 0 to 2 percent slopes

Field Symbol 268B-Change Publication Symbol from 653B to 678B and Change Approved map unit name

from Mt. Carroll, silt loam moderately wet, 2 to 5 percent slopes to Mannon silt loam, 2 to 5 percent slopes

Add Field Symbol 653A-Mt. Carroll, silt loam moderately wet, 0 to 2 percent slopes with Publication Symbol 678A and Approved map unit name of Mannon silt loam, 0 to 2 percent slopes

Add Field Symbol 653B-Mt. Carroll, silt loam moderately wet, 2 to 5 percent slopes with Publication Symbol from 678B and Approved map unit name of Mannon silt loam, 2 to 5 percent slopes

Page 11, Field Symbol 858B-Change Publication Symbol from 858B to 829B and change Approved map unit name from Port Byron-Mt. Carroll silt loams, moderately wet, 1 to 7 percent slopes to Biggsville-Mannon silt loams, 1 to 7 percent slopes

Page 15, Under Series Established by this Correlation and County of Type Location, Add Biggsville (Rock Island Co.) and Mannon (Mercer Co.).

Under Series Added from Previously Correlated Legend for Soil Report #101, Add Greenbush and Marseilles.

Under Series Dropped from Previously Correlated Legend for Soil Report #101, Add Downs, Gosport, Mt. Carroll and Port Byron.

Page 16 Add Cemetery to the Cultural Features on the NRCS-SOI-37A.

Page 16 and 17, Delete the following Special Features from the NRCS-SOI-37A and Definitions: BPI-Borrow Pit, GPI-Gravel Pit, MAR-Marsh or swamp, and SLP-Short, steep slope.

Page 19, For Field Symbol 268A, change the Publication Symbol to 678A.

For Field Symbol 268B, change the Publication Symbol to 678B.

For Field Symbol 274A, change the Publication Symbol to 678A.

For Field Symbol 275, change the Publication Symbol to 671A.

Add Field Symbol 276A with Publication Symbol of 671A.

Add Field Symbol 276B with Publication Symbol of 671B.

For Field Symbol 277A, change the Publication Symbol to 671A.

For Field Symbol 277B, change the Publication Symbol to 671B.

Add Field Symbol 383B with Publication Symbol of 675B.

Add Field Symbol 383C2 with Publication Symbol of 675C2.

For Field Symbol 386B, change the Publication Symbol to 675B.

For Field Symbol 386C2, change the Publication Symbol to 675C2.

Page 20, Add Field Symbol 551D2 with Publication Symbol of 549D2.  
 Add Field Symbol 551D3 with Publication Symbol of 549D3.  
 For Field Symbol 551E2, change the Publication Symbol to 549D2.  
 For Field Symbol 551E3, change the Publication Symbol to 549D3.  
 Add Field Symbol 551F with Publication Symbol of 549F.  
 For Field Symbol 551F2, change the Publication Symbol to 549F.  
 For Field Symbol 551G, change the Publication Symbol to 549G.  
 Add Field Symbol 653A with Publication Symbol of 678A.  
 Add Field Symbol 653B with Publication Symbol of 678B.  
 For Field Symbol 858B, change the Publication Symbol to 829B.

Page 21-23,

Delete the following map units:

<u>Pub. Symbol</u>	<u>Soil Map Unit Name</u>
276A	Port Byron, silt loam, moderately wet, 0 to 2 percent slopes
276B	Port Byron, silt loam, moderately wet, 2 to 5 percent slopes
383B	Downs silt loam, moderately wet, 2 to 5 percent slopes
383C2	Downs silt loam, moderately wet, 5 to 10 percent slopes, eroded
551D2	Gosport silt loam, 10 to 18 percent slopes, eroded
551D3	Gosport silty clay loam, 10 to 18 percent slopes, severely eroded
551F	Gosport silt loam, 18 to 35 percent slopes
551G	Gosport silt loam, 35 to 60 percent slopes
653A	Mt. Carroll, silt loam, moderately wet, 0 to 2 percent slopes
653B	Mt. Carroll, silt loam, moderately wet, 2 to 5 percent slopes
858B	Port Byron - Mt. Carroll silt loams, moderately wet, 1 to 7 percent slopes

Add the following map units:

<u>Pub. Symbol</u>	<u>Soil Map Unit Name</u>
671A	Biggsville, silt loam, 0 to 2 percent slopes
671B	Biggsville, silt loam, 2 to 5 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
549D2	Marseilles silt loam, 10 to 18 percent slopes, eroded
549D3	Marseilles silty clay loam, 10 to 18 percent slopes, severely eroded
549F	Marseilles silt loam, 18 to 35 percent slopes
549G	Marseilles silt loam, 35 to 60 percent slopes
678A	Mannon, silt loam, 0 to 2 percent slopes
678B	Mannon, silt loam, 2 to 5 percent slopes
829B	Biggsville-Mannon silt loams, 1 to 7 percent slopes

Page 24, In LABORATORY DATA FROM UNIVERSITY OF ILLINOIS PEDOLOGY LABORATORY, for the pedon sampled as Hamburg, S71-IL1-1-2(2-5), change the Approved series from Seaton-Timula (Hamburg inclusion) to Stookey-Timula (Hamburg inclusion).

In ENGINEERING TEST DATA FROM ILLINOIS DEPARTMENT OF TRANSPORTATION, for the pedon sampled as Port Byron, 70-IL-001-11-(1-3), change the Publication Symbol (Pub-sym) from 276A to 671A and the Approved series from Port Byron to Biggsville.

Pages 26-32, Make the following changes in Notes to Accompany in alphabetical order:

Page 26- Add BIGGSVILLE SERIES. The BIGGSVILLE series is established by this First Amendment of the Correlation. The typical pedon is IL95-001-021. These areas were previously correlated as Port Byron and Joy for Soil Report #101.

Page 27- DOWNS SERIES- remove narrative paragraph, replace with "See Greenbush Series".

Page 28- GOSPORT SERIES- remove narrative paragraph, replace with "See Marseilles Series".

Page 28- Add GREENBUSH SERIES. The typical pedon is from Fulton County, Illinois. These areas were previously correlated as Downs for Soil Report #101. Map units on slopes of more than 2 percent in the cool mesic area will be correlated as Greenbush, and these units in the warm mesic areas will be correlated as Downsouth.

Page 29- Add MANNON SERIES. The MANNON series is established by this First Amendment of the Correlation. The typical pedon is IL95-001-020. These areas were previously correlated as Mt. Carroll for Soil Report #101. Map units 268A and 268B will be correlated as Mannon, and map unit 268C2 will be correlated as Stookey.

Page 29- Add MARSEILLES SERIES. The typical pedon is IL97-001-003. These areas were previously correlated as Gosport for Soil Report #101. Map unit 549F was added, and slopes for all map units were adjusted to fit the MLRA 115C legend. Correlation of Gosport to Marseilles will occur throughout MLRA 115C.

Page 30- MT. CARROLL SERIES- remove narrative paragraph, replace with "See Mannon Series".

Page 30- PORT BYRON SERIES- remove narrative paragraph, replace with "See Biggsville Series".

Page 30- ROZETTA SERIES- typical pedon is from Fulton County instead of Marshall County.

Page 32- VIRDEN SERIES- typical pedon number is IL00-001-006. It is intended to replace the OSD pedon to reflect a silty clay loam surface layer.

Page 33-34, Change the following classifications:

Blyton--from Coarse-silty, mixed, superactive, mesic Oxyaquic Udifluvents  
to Coarse-silty, mixed, superactive, nonacid, mesic Oxyaquic Udifluvents

Clarksdale--from Fine, smectitic, mesic Aeric Vertic Epiaqualfs  
to Fine, smectitic, mesic Udollic Endoaqualfs

Drury--from Fine-silty, mixed, superactive, mesic Dystric Eutrochrepts  
to Fine-silty, mixed, superactive, mesic Dystric Eutrudepts

Haymond--from Coarse-silty, mixed, superactive, mesic Fluventic Dystrochrepts  
to Coarse-silty, mixed, superactive, mesic Fluventic Dystrudepts

Ipava--from Fine, smectitic, mesic Aquertic Argiudolls  
to Fine, smectitic, mesic Aquic Argiudolls

Keomah--from Fine, smectitic, mesic Aeric Chromic Vertic Epiaqualfs  
to Fine, smectitic, mesic Aeric Endoaqualfs

Rushville--from Fine, smectitic, mesic Chromic Vertic Albaqualfs  
to Fine, smectitic, mesic Typic Albaqualfs

Timewell--from Fine, smectitic, mesic Aquertic Argiudolls  
to Fine, smectitic, mesic Aquic Argiudolls

Timula--from Coarse-silty, mixed, superactive, mesic Typic Eutrochrepts  
to Coarse-silty, mixed, superactive, mesic Typic Eutrudepts

Wirt--from Coarse-loamy, mixed, superactive, mesic Dystric Fluventic Eutrochrepts  
to Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts

Add the following series and classifications:

Biggsville--Fine-silty, mixed, superactive, mesic Typic Hapludolls

Greenbush--Fine-silty, mixed, superactive, mesic Mollic Hapludalfs

Marseilles--Fine-silty, mixed, active, mesic Typic Hapludalfs

Mannon--Fine-silty, mixed, superactive, mesic Mollic Hapludalfs

Delete the following series (Soil name):

Downs, Gosport, Mt. Carroll, and Port Byron

Page 35, In Map Units that will be added to the Hancock County Soil Survey,

Delete: 276B-Port Byron silt loam, 2 to 5 percent slopes

383B-Downs silt loam, moderately wet, 2 to 5 percent slopes

3634A-Blyton silt loam, 0 to 2 percent slopes, frequently flooded

Add: 90A-Bethalto silt loam, 2 to 5 percent slopes  
216B-Stookey silt loam, 2 to 5 percent slopes  
216D3-Stookey silt loam, 10 to 18 percent slopes, severely eroded  
283B-Downsouth silt loam, 2 to 5 percent slopes  
337A-Creal silt loam, 0 to 2 percent slopes  
660C2-Coatsburg silt loam, 5 to 10 percent slopes, eroded  
671B-Biggsville silt loam, 2 to 5 percent slopes  
675B-Greenbush silt loam, 2 to 5 percent slopes  
856G-Stookey and Timula soils, 35 to 60 percent slopes

Page 36, Under other joins line 2, change 653B to 283B. Delete "and use SIR# IL0338 for the moderately wet phase to fit MLRA concept."

Under other joins, line 6 should read as follows:Change map unit 660C3 along county line to 660C2 in Hancock County.

Page 36, In map units that will be added to the Pike County Soil Survey,

Add: 216B Stookey silt loam, 2 to 5 percent slopes  
216D2 Stookey silt loam, 10 to 18 percent slopes, eroded  
1070L Beaucoup silty clay loam, 0 to 2 percent slopes, undrained, occasionally flooded, long duration

Page 37, In map units that will be added to Schuyler County,

Add: 655D2 Ursa silt loam, moderately wet, 10 to 18 percent slopes, eroded; map unit 605D2 in Schuyler County will be changed to 655D2.

Page 37, In map units that will be added to the Brown County Soil Survey,

Add: 175F Lamont sandy loam, 18 to 35 percent slopes  
175G Lamont sandy loam, 35 to 60 percent slopes  
655D2 Ursa silt loam, moderately wet, 10 to 18 percent slopes, eroded

#### Approval Signatures and Date

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Travis Neely  
Soil Survey Area 11  
Team Leader  
Indianapolis, Indiana

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Date

\_\_\_\_\_  
William J. Gradle  
State Conservationist  
Champaign, Illinois

\_\_\_\_\_  
Date

