

**Table D-1
Soils Impacted by Preferred Alternatives by County**

Marshall MUSYM	Name	Prime Farm Code	Hydric	Muck	Alt G-C	Alt Es	Alt Cs
Ad	Adrian muck, drained	0	Y	Y	3.91	3.91	3.91
AuA	Aubbeenaubbee sandy loam, 0 to 2 % slopes	2			18.36	18.36	18.36
Bd	Brady sandy loam	2			6.47	6.47	6.47
BoA	Bronson loamy sand, 0 to 2 % slopes	1			4.70	4.70	4.70
Br	Brookston loam	2	Y		10.35	10.99	10.99
CtA	Crosier loam, 0 to 2 % slopes	2			47.84	45.29	45.29
Fc	Fluvaquents, loamy	0			3.26	3.26	3.26
FsA	Fox sandy loam, 0 to 2 % slopes	1			1.43	1.43	1.43
Gf	Gilford sandy loam	2			29.86	29.86	29.86
HdB	Hillsdale sandy loam, 2 to 6 % slopes	1			0.80	0.80	0.80
Ho	Houghton muck, drained	0	Y	Y	19.49	19.49	19.49
MeB	Martinsville loam, 2 to 6 % slopes	1			1.58	1.58	1.58
MgB	Metea loamy fine sand, 2 to 6 % slopes	1			5.71	5.71	5.71
Mn	Milford silly clay loam	2	Y		0.09	0.09	0.09
OsA	Oshtemo loamy sand, 0 to 2 % slopes	1			1.42	1.42	1.42
OsB	Oshtemo loamy sand, 2 to 6 % slopes	1			13.78	13.78	13.78
OsC	Oshtemo loamy sand, 6 to 12 % slopes	0			3.36	3.36	3.36
OwA	Owosso sandy loam, 0 to 2 % slopes	1			0.74	0.74	0.74
Pa	Palms muck, drained	0	Y	Y	1.13	1.13	1.13
PdA	Pinhook sandy loam, 0 to 2 % slopes	2	Y		7.94	7.94	7.94
Re	Rensselaer loam	0	Y		15.52	15.92	15.92
RsA	Riddles sandy loam, 0 to 2 % slopes	1			1.22	1.22	1.22
RsB	Riddles sandy loam, 2 to 6 % slopes	1			68.09	66.84	66.84
RsC2	Riddles sandy loam, 6 to 12 % slopes, eroded	0			15.22	15.22	15.22
RsD	Riddles sandy loam, 12 to 18 % slopes	0			2.10	2.10	2.10
TyB	Tyner loamy sand, 2 to 6 % slopes	0			2.68	2.68	2.68
Ua	Udorhents, loamy	0			0.16	0.16	0.16
Wh	Washtenaw silt loam	2	Y		1.64	1.64	1.64
WkC2	Wawasee sandy loam, 6 to 12 % slopes, eroded	0			1.20	1.20	1.20
Wt	Whitaker loam	2			2.14	2.14	2.14
County Total Non-Prime		0			68.03	68.43	68.43
County Total All Prime		1			99.47	98.22	98.22
County Total Prime Where Drained		2			124.69	122.78	122.78
County Total Prime Where Drained and Protected From Flooding		5			0.00	0.00	0.00
County Total		All			292.19	289.43	289.43

St. Joseph MUSYM	Name	Prime Farm Code	Hydric	Muck	Alt G-C	Alt Es	Alt Cs
AahAK	Abscota loamy sand, 0 to 2 % slopes, occasionally flooded, brief duration	0				8.14	
AbhAN	Adrian muck, drained, 0 to 1 % slopes	0	Y	Y	0.66	1.87	1.87
AbhAU	Adrian muck, undrained, 0 to 1 % slopes	0	Y	Y	0.11		0.11
BshA	Brady sandy loam, 0 to 1 % slopes	2			3.66		1.03
BsxA	Brems-Morocco loamy sands, 0 to 1 % slopes	0			3.05		3.05
BuuA	Brookston loam, 0 to 1 % slopes	2	Y		86.13	54.73	70.85
CmbAl	Cohoctah loam, 0 to 1 % slopes, frequently flooded, brie	5	Y		1.42	6.54	1.42
CnbA	Coloma sand, 0 to 2 % slopes	0			2.76		2.76
CnbB	Coloma Sand, 2 to 5 % slopes	0			0.16		
CnbC	Coloma Sand, 5 to 10 % slopes	0			25.76		23.66
CvdA	Crosier loam, 0 to 1 % slopes	2			98.32	61.73	47.85
CvdB	Crosier loam, 1 to 4 % slopes	2			2.39	0.92	0.92
GczA	Gilford sandy laom, 0 to 1 % slopes	2	Y			0.00	1.21
HkkA	Hillsdale sandy loam, 0 to 1 % slopes	1				3.18	3.18
HkkB	Hillsdale sandy loam, 1 to 5 % slopes	1				22.14	41.08
HknC2	Hillsdale-Oshtemo sandy loams, 5 to 10 % slopes, eroded	0				8.81	20.67
HknD2	Hillsdale-Oshtemo sandy loams, 10 to 18 % slopes, eroded	0				1.51	1.51
HkpC2	Hillsdale-Tracy sandy loams, 5 to 10 % slopes, eroded	0			8.96	3.45	4.87
HkpD2	Hillsdale-Tracy sandy loams, 10 to 18 % slopes, eroded	0			1.73		2.05
HtbAN	Houghton muck, drained, 0 to 1 % slopes	0	Y	Y	15.50	15.47	15.95
HtbAU	Houghton muck drained, 0 to 1 % slopes	0	Y	Y		3.01	3.01
MfaA	Martinsville loam, 0 to 1 % slopes	1			16.96	1.65	1.61
MfaB2	Martinsville loam, 1 to 5 % slopes, eroded	1			3.44	18.10	17.35
MfaC2	Martinsville loam, 5 to 10 % slopes, eroded	0			1.93	2.46	2.46
MmdC3	Miami clay loam, 5 to 10 % slopes, severely eroded	0			0.77	13.82	13.12
MmdD3	Miami clay loam, 10 to 18 % slopes, severely eroded	0			0.45	3.51	3.51
MouA	Millford silty clay loam, 0 to 1 % slopes	2	Y		15.21	11.38	7.59
OkrA	Oshtemo fine sandy loam, 0 to 1 percent slopes	1				3.69	3.78
PaaAN	Palms muck, drained, 0 to 1 % slopes	0	Y	Y	1.01	0.55	
PaaAU	Palms muck, undrained, 0 to 1 % slopes	0	Y	Y	2.70	0.55	9.61
Pxo	Psammments	0			1.87	1.87	1.87
RenA	Rensselaer mucky loam, 0 to 1 % slopes	2	Y		4.34	0.47	7.04
ReyA	Rensselaer loam, 0 to 1 % slopes	2	Y		16.80	2.53	19.92
RopA	Riddles-Oshtemo fine sandy loams, 0 to 1 % slopes	1			7.57	6.67	6.67
RopB	Riddles-Oshtemo fine sandy loams, 1 to 15 % slopes	1			73.28	65.42	41.67
RoqB	Riddles-Metea complexes, 1 to 5 % slopes	0			14.17	22.00	15.44
RoqC2	Riddles-Metea complexes, 5 to 10 % slopes, eroded	0			11.06	3.07	4.31
RoqD2	Riddles-Metea complexes, 10 to 18 % slopes, eroded	0				6.04	2.77
SdzA	Selfridge-Crosier complex, 0 to 1 % slopes	1			4.07	6.53	1.73
SnlA	Southwest silt loam, 0 to 1 % slopes	2	Y		7.19	4.19	7.25
TmpA	Tracy sandy loam, 0 to 1 % slopes	1			3.84		5.99
TmpB	Tracy sandy loam, 1 to 5 % slopes	1			8.23		4.86

St. Joseph MUSYM	Name	Prime Farm Code	Hydric	Muck	Alt G-C	Alt Es	Alt Cs
TmpC2	Tracy sandy loam, 5 to 10 % slopes, eroded	0			20.66		10.08
TmpD	Tracy sandy loam, 10 to 18 % slopes	0			1.04		1.04
TxuC	Tyner loamy sand, 5 to 10 % slopes	0			0.02		0.02
UdkA	Urban land-Brady complex, 0 to 1 % slopes	0				1.23	
UfrA	Urban land-Del Rey complex, 0 to 1 % slopes	0			0.12	0.12	0.12
UgrA	Urban land-Rensselaer complex, 0 to 1 % slopes	0	Y			4.28	
UgsA	Urban land-Riddles-Oshtemo complex, 0 to 1 % slopes	0			4.20	4.20	4.20
UgsB	Urban land-Riddles-Oshtemo complex, 1 to 5 % slopes	0			0.36	0.36	0.36
UhmB	Urban land-Hillsdale complex, 1 to 5 % slopes	0			0.21	0.19	0.21
UhpC	Urban land-Hillsdale-Tracy complex, 5 to 10 % slopes	0			1.67	7.10	1.67
UhwA	Urban land-Martinsville complex, 0 to 1 % slopes	0			3.06	3.06	3.06
UhwB	Urban land-Martinsville complex, 1 to 5 % slopes	0			2.24	9.15	2.24
UhwC	Urban land-Martinsville complex, 5 to 10 % slopes	0			0.46	0.46	0.46
UmwA	Urban land-Tracy complex, 0 to 1 % slopes	0			15.08	9.24	15.08
UmwB	Urban land-Tracy complex, 1 to 5 % slopes	0			1.82	19.84	1.82
UmwC	Urban land-Tracy complex, 5 to 10 % slopes	0			1.46	2.94	1.46
UmxA	Urban land-Troxel complex, 0 to 1 % slopes	0				0.75	
UnoA	Urban land-Whitaker complex, 0 to 1 % slopes	0				1.16	
W	Water, unclassified	0			4.34	0.73	2.63
WoaB2	Williamstown loam, 1 to 5 % slopes, eroded	2				1.14	1.14
WrxAN	Wunabuna silt loam, drained, 0 to 1 % slopes	0				9.07	9.07
WtbA	Whitaker loam, 0 to 1 % slopes	2			20.29	4.99	13.34
County Total Non-Prime		0			149.39	170.01	186.12
County Total All Prime		1			117.39	127.38	127.92
County Total Prime Where Drained		2			254.33	142.08	178.14
County Total Prime Where Drained and Protected From Flooding		5			1.42	6.54	1.42
County Total		All			522.53	445.46	493.6

US31 Soils	Prime Farm Code	Alt G-C	Alt Es	Alt Cs
Grand Total Non-Prime	0	217.42	238.44	254.55
Grand Total All Prime	1	216.86	225.60	226.14
Grand Total Prime Where Drained	2	379.02	264.86	300.92
Grand Total Prime Where Drained and Protected From Flooding	5	1.42	6.54	1.42
New Right-of-Way Total	All	814.72	735.44	783.03

Note: Excludes existing US 31 and US 20
Includes all other soils, even those on developed land

