

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

Marshall MUSYM	Name	Prime Farm Code	Hydric	Muck	Alt G-Cs	Alt Es	Alt Cs	Alt G-Es
Ad	Adrian muck, drained	0	Y	Y	4.04	4.04	4.04	4.04
AuA	Aubbeenaubbee sandy loam, 0 to 2 % slopes	2			22.13	22.13	22.13	22.13
Bd	Brady sandy loam	2			6.32	6.32	6.32	6.32
BoA	Bronson loamy sand, 0 to 2 % slopes	1			3.78	3.78	3.78	3.78
Br	Brookston loam	2	Y		18.53	16.40	16.40	18.53
CtA	Crosier loam, 0 to 2 % slopes	2			56.57	51.44	51.44	56.57
Fc	Fluvaquents, loamy	0			3.36	3.36	3.36	3.36
FsA	Fox sandy loam, 0 to 2 % slopes	1			1.46	1.46	1.46	1.46
Gf	Gilford sandy loam	2			23.19	23.19	23.19	23.19
HdB	Hillsdale sandy loam, 2 to 6 % slopes	1			0	0	0	0
Ho	Houghton muck, drained	0	Y	Y	13.20	13.20	13.20	13.20
MeB	Martinsville loam, 2 to 6 % slopes	1			1.58	1.58	1.58	1.58
MgB	Metea loamy fine sand, 2 to 6 % slopes	1			8.65	8.65	8.65	8.65
Mn	Milford silty clay loam	2	Y		0.11	0.11	0.11	0.11
OsA	Oshtemo loamy sand, 0 to 2 % slopes	1			1.41	1.41	1.41	1.41
OsB	Oshtemo loamy sand, 2 to 6 % slopes	1			18.38	18.38	18.38	18.38
OsC	Oshtemo loamy sand, 6 to 12 % slopes	0			3.09	3.09	3.09	3.09
OwA	Owosso sandy loam, 0 to 2 % slopes	1			0.82	0.82	0.82	0.82
Pa	Palms muck, drained	0	Y	Y	0.88	0.88	0.88	0.88
PdA	Pinhook sandy loam, 0 to 2 % slopes	2	Y		11.10	11.10	11.10	11.10
Re	Rensselaer loam	0	Y		17.46	17.49	17.49	17.46
RsA	Riddles sandy loam, 0 to 2 % slopes	1			1.51	1.51	1.51	1.51
RsB	Riddles sandy loam, 2 to 6 % slopes	1			69.35	67.39	67.39	69.35
RsC2	Riddles sandy loam, 6 to 12 % slopes, eroded	0			14.37	14.37	14.37	14.37
RsD	Riddles sandy loam, 12 to 18 % slopes	0			1.03	1.03	1.03	1.03
TyB	Tyner loamy sand, 2 to 6 % slopes	0			2.45	2.45	2.45	2.45
Ua	Udorthents, loamy	0			0.34	0.34	0.34	0.34
W	Water, unclassified				0.31	0.31	0.31	0.31
Wh	Washtenaw silt loam	2	Y		2.10	2.10	2.10	2.10
WkC2	Wawasee sandy loam, 6 to 12 % slopes, eroded	0			1.25	1.25	1.25	1.25
Wt	Whitaker loam	2			1.43	1.43	1.43	1.43
County Total Non-Prime		0			61.78	61.81	61.81	61.78
County Total All Prime		1			106.94	104.98	104.98	106.94
County Total Prime Where Drained		2			141.48	134.22	134.22	141.48
County Total Prime Where Drained and Protected From Flooding		5			0	0	0	0
County Total		All			310.20	301.01	301.01	310.20

St. Joseph MUSYM	Name	Prime Farm Code	Hydric	Muck	Alt G-Cs	Alt Es	Alt Cs	Alt G-Es
AahAK	Abscota loamy sand, 0 to 2 % slopes, occasionally flooded, brief duration	0			0.63	6.88	0.63	6.88
AbhAN	Adrian muck, drained, 0 to 1 % slopes	0	Y	Y	0.39	1.99	1.99	0.39
AbhAU	Adrian muck, undrained, 0 to 1 % slopes	0	Y	Y	0.11	0	0.11	0
BshA	Brady sandy loam, 0 to 1 % slopes	2			3.55	0	0.87	0
BsxA	Brems-Morocco loamy sands, 0 to 1 % slopes	0			2.89	0.89	2.89	0.89
BuuA	Brookston loam, 0 to 1 % slopes	2	Y		72.67	53.10	68.73	67.89
CmbAI	Cohoctah loam, 0 to 1 % slopes, frequently flooded, brie	5	Y		0.88	10.57	0.88	10.57
CnbA	Coloma sand, 0 to 2 % slopes	0			0.90	0	0.90	0
CnbB	Coloma Sand, 2 to 5 % slopes	0			0.09	0	0	0.09
CnbC	Coloma Sand, 5 to 10 % slopes	0			22.17	0.46	19.99	0.46
CvdA	Crosier loam, 0 to 1 % slopes	2			125.32	62.2	47.69	125.25
CvdB	Crosier loam, 1 to 4 % slopes	2			2.06	0.94	0.94	2.06
GczA	Gilford sandy laom, 0 to 1 % slopes	2	Y		0	0	2.54	0
HkkA	Hillsdale sandy loam, 0 to 1 % slopes	1			0	3.21	3.21	0
HkkB	Hillsdale sandy loam, 1 to 5 % slopes	1			3.81	21.56	42.46	3.25
HknC2	Hillsdale-Oshtemo sandy loams, 5 to 10 % slopes, eroded	0			0.26	8.47	20.58	0.26
HknD2	Hillsdale-Oshtemo sandy loams, 10 to 18 % slopes, eroded	0			0	1.52	1.52	0
HkpC2	Hillsdale-Tracy sandy loams, 5 to 10 % slopes, eroded	0			8.85	3.90	5.07	3.90
HkpD2	Hillsdale-Tracy sandy loams, 10 to 18 % slopes, eroded	0			1.03	0	1.25	0
HtbAN	Houghton muck, drained, 0 to 1 % slopes	0	Y	Y	21.12	14.59	15.09	21.12
HtbAU	Houghton muck drained, 0 to 1 % slopes	0	Y	Y	0	2.93	2.93	0
MfaA	Martinsville loam, 0 to 1 % slopes	1			15.95	1.25	1.21	15.99
MfaB2	Martinsville loam, 1 to 5 % slopes, eroded	1			8.29	14.13	13.70	8.29
MfaC2	Martinsville loam, 5 to 10 % slopes, eroded	0			1.93	2.46	2.46	1.93
MmdC3	Miami clay loam, 5 to 10 % slopes, severely eroded	0			3.37	12.69	12.31	3.37
MmdD3	Miami clay loam, 10 to 18 % slopes, severely eroded	0			0.05	3.54	3.54	0.05
MouA	Milford silty clay loam, 0 to 1 % slopes	2	Y		13.56	12.03	6.29	5.49
OkrA	Oshtemo fine sandy loam, 0 to 1 percent slopes	1			0.70	3.03	3.05	0.70
PaaAN	Palms muck, drained, 0 to 1 % slopes	0	Y	Y	5.35	0	0.01	5.34
PaaAU	Palms muck, undrained, 0 to 1 % slopes	0	Y	Y	1.13	0.24	8.28	0.07
Pxo	Psamments	0			1.86	3.04	1.86	3.04
RenA	Rensselaer mucky loam, 0 to 1 % slopes	2	Y		2.89	0.54	6.97	2.40
ReyA	Rensselaer loam, 0 to 1 % slopes	2	Y		15.50	2.78	18.37	7.49
RopA	Riddles-Oshtemo fine sandy loams, 0 to 1 % slopes	1			11.99	6.66	6.66	11.99
RopB	Riddles-Oshtemo fine sandy loams, 1 to 15 % slopes	1			53.39	63.07	37.06	56.72
RoqB	Riddles-Metea complexes, 1 to 5 % slopes	0			7.07	20.73	14.19	7.91
RoqC2	Riddles-Metea complexes, 5 to 10 % slopes, eroded	0			9.68	3.04	4.30	12.79
RoqD2	Riddles-Metea complexes, 10 to 18 % slopes, eroded	0			0	6.09	2.79	3.30
SdzA	Selfridge-Crosier complex, 0 to 1 % slopes	1			3.89	5.97	1.76	3.89
SnIA	Southwest silt loam, 0 to 1 % slopes	2	Y		6.84	4.51	6.92	1.19
TmpA	Tracy sandy loam, 0 to 1 % slopes	1			3.78	0	5.26	0
TmpB	Tracy sandy loam, 1 to 5 % slopes	1			7.31	0	3.61	0

St. Joseph MUSYM	Name	Prime Farm Code	Hydric	Muck	Alt G-Cs	Alt Es	Alt Cs	Alt G-Es
TmpC2	Tracy sandy loam, 5 to 10 % slopes, eroded	0			20.07	0	11.29	0
TmpD	Tracy sandy loam, 10 to 18 % slopes	0			0.24	0	0.24	0
TxuC	Tyner loamy sand, 5 to 10 % slopes	0			0	0	0	0
UdkA	Urban land-Brady complex, 0 to 1 % slopes	0			0	0.94	0	0.94
UdzA	Urban land-Auten complex, 0 to 1 % slopes	0			0	0.09	0	0.09
UfrA	Urban land-Del Rey complex, 0 to 1 % slopes	0			0.64	1.48	0.64	1.48
UgaA	Urban land-Morocco complex, 0 to 1 % slopes	0			0	0.03	0	0.03
UgrA	Urban land-Rensselaer complex, 0 to 1 % slopes	0	Y		0	3.60	0	3.60
UgsA	Urban land-Riddles-Oshtemo complex, 0 to 1 % slopes	0			1.16	2.55	1.16	2.55
UgsB	Urban land-Riddles-Oshtemo complex, 1 to 5 % slopes	0			0.14	5.07	0.14	5.07
UgvA	Urban land-Tyner complex, 0 to 1 % slopes	0			0	0.68	0	0.68
UhmA	Urban land-Hillsdale complex, 0 to 1 % slopes	0			0	0.33	0	0.33
UhmB	Urban land-Hillsdale complex, 1 to 5 % slopes	0			0.01	1.06	0.01	1.06
UhpC	Urban land-Hillsdale-Tracy complex, 5 to 10 % slopes	0			0.83	5.69	0.83	5.69
UhwA	Urban land-Martinsville complex, 0 to 1 % slopes	0			0.03	5.15	0.03	5.15
UhwB	Urban land-Martinsville complex, 1 to 5 % slopes	0			0.18	15.99	0.18	15.99
UhwC	Urban land-Martinsville complex, 5 to 10 % slopes	0			0	1.76	0	1.76
UmfC	Urban land-Riddles-Metea complex, 5 to 10 % slopes	0			0	0.18	0	0.18
UmwA	Urban land-Tracy complex, 0 to 1 % slopes	0			7.67	13.61	7.67	13.61
UmwB	Urban land-Tracy complex, 1 to 5 % slopes	0			0.72	14.09	0.72	14.09
UmwC	Urban land-Tracy complex, 5 to 10 % slopes	0			0.25	2.42	0.25	2.42
UmxA	Urban land-Troxel complex, 0 to 1 % slopes	0			0	0.35	0	0.35
UnoA	Urban land-Whitaker complex, 0 to 1 % slopes	0			0	1.31	0	1.31
W	Water, unclassified	0			3.21	0.25	3.36	0.54
WoaB2	Williamstown loam, 1 to 5 % slopes, eroded	2			0	1.63	1.63	0
WrxAN	Wunabuna silt loam, drained, 0 to 1 % slopes	0	Y		0	8.99	8.99	0
WtbA	Whitaker loam, 0 to 1 % slopes	2			12.36	4.85	11.00	11.18
County Total Non-Prime		0			124.03	179.08	158.20	148.71
County Total All Prime		1			109.11	118.88	117.98	100.83
County Total Prime Where Drained		2			254.75	142.58	171.95	222.95
County Total Prime Where Drained and Protected From Flooding		5			0.88	10.57	0.88	10.57
County Total		All			488.77	451.11	449.01	483.06

US31 Soils	Prime Farm Code	Alt G-Cs	Alt Es	Alt Cs	Alt G-Es
Grand Total Non-Prime	0	185.81	240.89	220.01	210.49
Grand Total All Prime	1	216.05	223.86	222.96	207.77
Grand Total Prime Where Drained	2	396.23	276.80	306.17	364.43
Grand Total Prime Where Drained and Protected From Flooding	5	0.88	10.57	0.88	10.57
New Right-of-Way Total	All	798.97	752.12	750.02	793.26