

Standardized State Average Cost List

June 2011

Calendar Year 2011 Component Average Costs To Be Used in Computing Cost-Share Rates for Applicable Cost-Share Assistance Programs in Missouri, and Populating Practice Payment Schedules for EQIP and WHIP.

The following agencies have approved the attached 2011 Average Cost List

<u>J. R. Flores</u>	<u>6/30/2011</u>
NRCS State Office	Date

<u>Gerald Hrdina</u>	<u>6/30/2011</u>
FSA State Office	Date

All components and average costs are shown on the attached pages.

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Compnum	EARTHMOVING	2011 Costs	Units
1	Earthfill, compacted large - dams and dikes	\$2.52	cu yd
2	Earthfill, compacted small - dams and dikes	\$2.97	cu yd
964	Earthfill, compacted medium - diversions and wascobs	\$2.82	cu yd
3	Grading & Shaping Light CAT	\$1,083.00	ac
4	Grading & Shaping Medium CAT	\$1,783.19	ac
5	Grading & Shaping Heavy CAT	\$3,021.57	ac
6	Levee Removal	\$1.30	cu yd
7	Side Inlet Drainage Structure, 0'-8' fill	\$18.65	ft
8	Side Inlet Drainage Structure, 8.1'-10' fill	\$21.81	ft
9	Side Inlet Drainage Structure, 10.1'-12' fill	\$23.24	ft
10	Side Inlet Drainage Structure, 12.1'-14' fill	\$22.86	ft
11	Side Inlet Drainage Structure, 14.1'-16' fill	\$27.79	ft
12	Side Inlet Drainage Structure, 16.1'+ fill	\$35.82	ft
13	Temporary Berm Removal	\$0.99	ft
14	Terrace Broadbase nonparallel w/ closed outlet (UGO)	\$2.44	lin ft
15	Terrace Broadbase nonparallel w/ open outlet (waterway)	\$2.29	lin ft
16	Terrace Broadbase parallel w/ closed outlet (UGO)	\$2.25	lin ft
17	Terrace Broadbase parallel w/ open outlet (waterway)	\$1.92	lin ft
18	Terrace Narrowbase w/ closed outlet (UGO)	\$1.88	lin ft
19	Terrace Narrowbase w/ open outlet (waterway)	\$1.69	lin ft
20	Terrace Steep Backslope w/ closed outlet (UGO)	\$2.21	lin ft
21	Terrace Steep Backslope w/ open outlet (waterway)	\$1.56	lin ft
22	Top Soil For Terrace	\$1.00	lin ft
23	Waterway	\$2,893.68	ac
24	Waterway (2)	\$2.07	cu yd
941	Forest Trails and Landings 0-15% slope	\$549.95	ac
942	Forest Trails and Landings >15% slope	\$1,099.90	ac
Compnum	FENCE	2011 Costs	Units

25	Fence - 1-wire hi-tensile electric	\$0.81	ft
26	Fence - Each Additional Wire or Electric Offset Wire (hi-tensile)	\$0.28	ft
27	Fence - 3-strand barbed wire	\$1.83	ft
28	Fence - Each Additional Wire (barbed)	\$0.24	ft
29	Fence - Woven wire	\$2.81	ft
30	Cattle Panel	\$2.51	ft
31	Electric fence energizer 1-5 joules	\$338.09	ea
32	Electric fence energizer 6-10 joules	\$402.10	ea
33	Electric fence energizer 11+ joules	\$465.14	ea
34	Energizer Inst. & Acc. - AC powered	\$368.60	ea
35	Energizer Inst. & Acc. - Solar powered	\$276.26	ea
36	Electric Water Gap	\$2.08	ft
801	Fence - 1-wire temporary electric	\$0.12	ft
802	Fence - Temporary Each Additional Wire	\$0.06	ft
803	Electric fence energizer < 1 joule for temporary fencing	\$150.00	ea

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Compnum	GENERAL CONSTRUCTION MATERIAL	2011 Costs	Units
40	Bentonite	\$8.39	bag
41	Drain Tile Removal	\$2.00	ft
47	Insitu Clay Pad	\$5.63	cu yd
48	Soda Ash	\$414.29	ton
51	Gravel	\$21.23	ton
52	Rock 3" - 6"	\$18.82	ton
53	Rip-rap	\$17.77	ton
55	Concrete (flat work)	\$193.57	cu yd
56	Concrete (structural)	\$344.65	cu yd
57	Concrete Blocks	\$3.51	ea
59	Concrete Pad (prefabricated)	\$8.12	sq ft
60	Concrete Pumper Truck	\$875.00	ea
61	Drop inlet Fabrication	\$44.00	hr
62	Off-site fill/borrow material	\$17.40	cu yd
63	Geotextile Fabric Light	\$2.02	sq yd
64	Geotextile Fabric Heavy	\$5.40	sq yd
70	Trenching and Backfilling <12" pipe or tubing	\$1.31	ft
71	Trenching and Backfilling >=12" pipe or tubing	\$1.50	ft
72	Nonmetallic Waterstop	\$3.25	ft
717	Concrete (Vertical Drain Practice - 630)	\$96.20	cu yd

Compnum	IRRIGATION	2011 Costs	Units
77	Center Pivot (990 ft long or less)	\$69.91	ft
78	Center Pivot (more than 990 ft long)	\$47.92	ft
81	Irrigation Land Leveling	\$217.94	ac
87	Sprinkler Package (with drops & pressure regulators)	\$4.60	ft
88	Sprinkler Package (with drops)	\$3.13	ft
89	Sprinkler Package (without drops)	\$2.52	ft
90	Surge valve 8"	\$1,514.39	ea
91	Surge valve 10"	\$1,606.85	ea
92	Surge valve 12"	\$2,129.20	ea
94	Underground Pipe System - 6 inch	\$4.39	ft
95	Underground Pipe System - 8 inch	\$7.36	ft
96	Underground Pipe System - 10 inch	\$7.69	ft
97	Underground Pipe System - 12 inch	\$15.11	ft
98	Underground Pipe System - 15 inch	\$26.61	ft
900	End Gun	\$1,377.80	ea
901	Booster Pump	\$850.00	ea
918	Drip Irrigation System with Emitters	\$1.49	ft
919	Drip Irrigation System with drip tape	\$1.28	ft
920	Multiple Inlet Irrigation Pipe 10 mil 15" pipe	\$0.21	ft
921	Multiple Inlet Irrigation Flap Gates 2.5" plastic	\$1.48	ea

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Compnun	PIPE & APPURTENANCES	2011 Costs	Units
103	Smooth Steel 3"	\$4.56	ft
104	Smooth Steel 4"	\$6.48	ft
105	Smooth Steel 5"	\$8.76	ft
106	Smooth Steel 6"	\$10.34	ft
107	Smooth Steel 8"	\$13.44	ft
108	Smooth Steel 10"	\$15.63	ft
109	Smooth Steel 12"	\$18.31	ft
110	Smooth Steel 14"	\$22.02	ft
111	Smooth Steel 16"	\$25.49	ft
112	Smooth Steel 18"	\$29.10	ft
113	Smooth Steel 20"	\$29.14	ft
114	Smooth Steel 22"	\$33.34	ft
115	Smooth Steel 24"	\$36.15	ft
116	Smooth Steel 26"	\$51.36	ft
117	Smooth Steel 30"	\$57.40	ft
118	Smooth Steel 36"	\$85.62	ft
119	Smooth Steel 42"	\$100.02	ft
126	New Smooth Steel Pipe 12" (3/8" thick)	\$42.16	ft
127	New Smooth Steel Pipe 14" (3/8" thick)	\$46.41	ft
128	New Smooth Steel Pipe 16" (3/8" thick)	\$53.21	ft
129	New Smooth Steel Pipe 18" (3/8" thick)	\$60.01	ft
130	New Smooth Steel Pipe 20" (3/8" thick)	\$66.81	ft
131	New Smooth Steel Pipe 24" (3/8" thick)	\$73.61	ft
132	Corrugated Steel 4"	\$4.80	ft
133	Corrugated Steel 6"	\$7.25	ft
134	Corrugated Steel 8"	\$8.64	ft
135	Corrugated Steel 10"	\$9.21	ft
136	Corrugated Steel 12"	\$8.92	ft
137	Corrugated Steel 15"	\$12.31	ft
138	Corrugated Steel 18"	\$23.70	ft
139	Corrugated Steel 20"	\$23.73	ft
140	Corrugated Steel 21"	\$25.99	ft
141	Corrugated Steel 24"	\$29.33	ft
142	Corrugated Steel 30"	\$39.76	ft
143	Corrugated Steel 36"	\$45.28	ft
151	PVC 1/2"	\$0.25	ft
152	PVC 3/4"	\$0.73	ft
153	PVC 1"	\$0.91	ft
154	PVC 1 1/4"	\$1.14	ft
155	PVC 1 1/2"	\$1.24	ft
156	PVC 2"	\$1.48	ft
157	PVC 3"	\$2.15	ft
158	Schedule 40 PVC 4"	\$2.99	ft
159	Schedule 40 PVC 5"	\$4.09	ft
160	Schedule 40 PVC 6"	\$4.34	ft
161	Schedule 40 PVC 8"	\$6.83	ft
162	Schedule 40 PVC 10"	\$9.98	ft
163	Schedule 40 PVC 12"	\$10.64	ft
164	Schedule 40 PVC 15"	\$19.04	ft
165	Schedule 40 PVC 18"	\$19.23	ft
166	Schedule 40 PVC 24"	\$19.30	ft
167	Schedule 40 PVC 30"	\$26.55	ft
168	Schedule 40 PVC 36"	\$31.87	ft

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169	PVC (IPS) 100psi 3"	\$1.36	ft
170	PVC (IPS) 100psi 4"	\$2.64	ft
171	PVC (IPS) 100psi 6"	\$3.20	ft
172	PVC (IPS) 100psi 8"	\$5.40	ft
173	PVC (IPS) 100psi 10"	\$8.70	ft
174	SDR 17 PVC 4"	\$12.24	ft
175	SDR 17 PVC 6"	\$18.38	ft
176	SDR 17 PVC 8"	\$24.48	ft
177	SDR 21 PVC 4"	\$1.75	ft
178	SDR 21 PVC 6"	\$3.75	ft
179	SDR 21 PVC 8"	\$7.86	ft
180	SDR 21 PVC 10"	\$9.12	ft
181	SDR 26 PVC 4"	\$2.29	ft
182	SDR 26 PVC 6"	\$4.52	ft
183	SDR 26 PVC 8"	\$5.67	ft
184	SDR 26 PVC 10"	\$7.57	ft
185	SDR 26 PVC 12"	\$10.02	ft
186	SDR 26 PVC 15"	\$18.13	ft
187	SDR 26 PVC 18"	\$20.10	ft
188	SDR 26 PVC 24"	\$26.78	ft
189	SDR 26 PVC 30"	\$32.85	ft
190	SDR 26 PVC 36"	\$39.43	ft
927	SDR 32.5 PVC 6"	\$4.29	ft
928	SDR 32.5 PVC 8"	\$7.37	ft
929	SDR 32.5 PVC 10"	\$8.69	ft
930	SDR 32.5 PVC 12"	\$10.02	ft
931	SDR 32.5 PVC 15"	\$18.13	ft
932	SDR 32.5 PVC 18"	\$20.10	ft
933	SDR 32.5 PVC 24"	\$26.78	ft
191	SDR 35 PVC 4"	\$1.89	ft
192	SDR 35 PVC 5"	\$1.99	ft
193	SDR 35 PVC 6"	\$2.51	ft
194	SDR 35 PVC 8"	\$4.00	ft
195	SDR 35 PVC 10"	\$5.23	ft
196	SDR 35 PVC 12"	\$10.14	ft
197	SDR 35 PVC 15"	\$14.22	ft
198	SDR 35 PVC 18"	\$18.52	ft
199	SDR 35 PVC 24"	\$39.93	ft
200	SDR 41 PVC 6"	\$3.45	ft
201	SDR 41 PVC 8"	\$4.95	ft
202	SDR 41 PVC 10"	\$9.60	ft
203	SDR 51 PVC 8"	\$5.94	ft
204	SDR 51 PVC 10"	\$8.49	ft
205	SDR 51 PVC 12"	\$11.71	ft
206	SDR 51 PVC 15"	\$16.86	ft
208	Smooth PE 1/2"	\$0.25	ft
209	Smooth PE 3/4"	\$0.52	ft
210	Smooth PE 1"	\$0.65	ft
211	Smooth PE 1 1/4"	\$1.27	ft
212	Smooth PE 1 1/2"	\$1.42	ft
213	Smooth PE 2"	\$1.50	ft
214	Smooth PE 3"	\$2.00	ft
215	Smooth PE 4"	\$2.60	ft
217	Corrugated PE 4"	\$0.63	ft
218	Corrugated PE 5"	\$0.83	ft

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219	Corrugated PE 6"	\$1.18	ft
220	Corrugated PE 8"	\$1.93	ft
221	Corrugated PE 10"	\$3.52	ft
222	Corrugated PE 12"	\$4.38	ft
223	Corrugated PE 15"	\$6.41	ft
224	Corrugated PE 18"	\$9.97	ft
226	Corrugated Double Walled PE 4"	\$1.11	ft
227	Corrugated Double Walled PE 5"	\$3.02	ft
228	Corrugated Double Walled PE 6"	\$4.07	ft
229	Corrugated Double Walled PE 8"	\$5.27	ft
230	Corrugated Double Walled PE 10"	\$6.00	ft
231	Corrugated Double Walled PE 12"	\$8.79	ft
232	Corrugated Double Walled PE 15"	\$8.93	ft
233	Corrugated Double Walled PE 18"	\$13.18	ft
234	Corrugated Double Walled PE 24"	\$20.86	ft
236	Perforated corrugated PE pipe 4"	\$0.57	ft
237	Perforated corrugated PE pipe 5"	\$0.82	ft
238	Perforated corrugated PE pipe 6"	\$1.19	ft
239	Perforated corrugated PE pipe 8"	\$1.98	ft
240	Perforated corrugated PE pipe 10"	\$3.53	ft
241	Perforated corrugated PE pipe 12"	\$4.36	ft
242	Perforated corrugated PE pipe 15"	\$5.77	ft
243	Perforated corrugated PE pipe 18"	\$9.48	ft
244	Perforated corrugated PE pipe 24"	\$14.96	ft
246	Class IV Gasketed Reinforced Concrete Culvert Pipe 12"	\$23.00	ft
247	Class IV Gasketed Reinforced Concrete Culvert Pipe 15"	\$26.00	ft
248	Class IV Gasketed Reinforced Concrete Culvert Pipe 18"	\$30.00	ft
249	Class IV Gasketed Reinforced Concrete Culvert Pipe 24"	\$40.00	ft
250	Class IV Gasketed Reinforced Concrete Culvert Pipe 30"	\$75.00	ft
251	Class IV Gasketed Reinforced Concrete Culvert Pipe 36"	\$100.00	ft
252	Animal Guard 4"	\$8.03	ea
253	Animal Guard 5"	\$8.00	ea
254	Animal Guard 6"	\$12.48	ea
255	Animal Guard 8"	\$10.72	ea
256	Animal Guard 10"	\$15.03	ea
257	Animal Guard 12"	\$24.73	ea
258	Animal Guard 15"	\$35.00	ea
259	Animal Guard 18"	\$60.00	ea
260	Animal Guard 24"	\$83.00	ea
261	Animal Guard 30"	\$100.00	ea
262	Animal Guard 36"	\$120.00	ea
263	Anti Seep Collar, plastic	\$9.27	sq ft
264	Horizontal Outlet 4"	\$43.44	ea
265	Horizontal Outlet 5"	\$46.83	ea
266	Horizontal Outlet 6"	\$65.76	ea
267	Horizontal Outlet 8"	\$85.35	ea
268	Horizontal Outlet 10"	\$104.81	ea
269	Horizontal Outlet 12"	\$147.59	ea
270	Horizontal Outlet 15"	\$177.70	ea
271	Horizontal Outlet 18"	\$211.00	ea
272	Horizontal Outlet 24"	\$410.31	ea
273	Mechanical Coupler 6"	\$120.00	ea
274	Mechanical Coupler 8"	\$140.00	ea
275	Mechanical Coupler 10"	\$190.00	ea
276	Mechanical Coupler 12"	\$220.00	ea

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278	Plate Steel 3/16" thick	\$10.19	sq ft
279	Plate Steel 1/4" thick	\$9.86	sq ft
280	Plate Steel 3/8" thick	\$15.18	sq ft
281	Relief Well 5"	\$50.00	ea
282	Relief Well 6"	\$85.26	ea
283	Relief Well 8"	\$110.23	ea
284	Relief Well 10"	\$122.63	ea
285	Relief Well 12"	\$188.17	ea
286	Relief Well 15"	\$233.42	ea
287	Relief Well 18"	\$265.13	ea
288	Relief Well 24"	\$287.17	ea
289	Relief Well 30"	\$297.50	ea
290	Relief Well 36"	\$400.00	ea
291	riser 5"	\$78.10	ea
292	riser 6"	\$95.43	ea
293	riser 8"	\$128.78	ea
294	riser 10"	\$170.92	ea
295	riser 12"	\$282.51	ea
296	riser 15"	\$302.17	ea
297	riser 18"	\$298.24	ea
298	riser 24"	\$375.04	ea
299	riser 30"	\$371.42	ea
300	riser 36"	\$436.96	ea
301	Side Inlet Drainage Structure elbow, 12"	\$65.00	ea
302	Side Inlet Drainage Structure elbow, 14"	\$76.67	ea
303	Side Inlet Drainage Structure elbow, 16"	\$135.17	ea
304	Side Inlet Drainage Structure elbow, 18"	\$133.56	ea
305	Side Inlet Drainage Structure elbow, 20"	\$158.50	ea
306	Side Inlet Drainage Structure elbow, 22"	\$139.58	ea
307	Side Inlet Drainage Structure elbow, 24"	\$175.14	ea
308	Side Inlet Drainage Structure elbow, 26"	\$160.00	ea
309	Side Inlet Drainage Structure elbow, 30"	\$184.31	ea
310	Side Inlet Drainage Structure elbow, 36"	\$224.12	ea
311	Side Inlet Drainage Structure elbow, 42"	\$265.21	ea
312	Side Inlet Drainage Structure elbow, 48"	\$298.88	ea
313	Trash Guard (Fabricated small)	\$13.13	ft
314	Trash Guard (Fabricated large)	\$13.65	ft
315	Trash Guard (Conical)	\$11.03	diam in
831	Drainage Water Level Control Structure, 6in.	\$550.00	ea
832	Drainage Water Level Control Structure, 8in.	\$640.00	ea
833	Drainage Water Level Control Structure, 10in.	\$700.00	ea

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Compnm	CONTROL/REMOVAL/SUPPRESSION OF UNWANTED SPECIES	2011 Costs	Units
317	Clearing Light	\$619.64	ac
318	Clearing Medium	\$1,052.48	ac
319	Clearing Heavy	\$1,336.87	ac
320	Cultipacking, Rolling, or Harrowing	\$22.98	ac
321	Site Prep Cropland Light - Chemical	\$18.46	ac
322	Site Prep Cropland Light - Mechanical	\$31.74	ac
323	Site Prep Cropland Medium - Chemical	\$21.39	ac
324	Site Prep Cropland Medium - Mechanical	\$53.24	ac
325	Site Prep Non-Cropland Light - Chemical	\$23.17	ac
326	Site Prep Non-Cropland Light - Mechanical	\$31.19	ac
327	Site Prep Non-Cropland Medium - Chemical	\$60.48	ac
328	Site Prep Non-Cropland Medium - Mechanical	\$58.07	ac
329	Site Prep Non-Cropland Heavy	\$150.00	ac
330	Site Prep Ripping / Sub-Soiling	\$13.88	ac
331	Weed Barrier - Mat	\$1.25	ea
332	Weed Barrier - Roll	\$0.32	ft
333	Weed Control for Shrubs	\$0.19	shrub
334	Weed Control for Trees	\$0.40	tree
335	Woody Cover Control - Prairie or Old Field Light	\$120.65	ac
336	Woody Cover Control - Prairie or Old Field Heavy	\$503.13	ac
337	Edgefeathering	\$735.17	ac
338	Woody Cover Control -Loess Hill Prairies	\$500.00	ac
965	Wildlife Woody Cover Control Light	\$80.24	ac
966	Wildlife Woody Cover Control Medium	\$93.26	ac
967	Wildlife Woody Cover Control Heavy	\$256.20	ac
968	Wildlife Woody Cover Control Very Heavy	\$503.13	ac
969	Permanent Forest Openings	\$1,563.08	ac
806	Mowing (During Establishment Period)	\$21.60	ac
935	Herbaceous Species Control/Suppression (EQIP/WHIP)	\$35.25	ac
936	Brush Management Low (314)	\$31.19	ac
937	Brush Management High (314)	\$262.71	ac
938	Brush Management Biological Light (314)	\$102.00	ac
970	Brush Management Biological Heavy (314)	\$204.00	ac
943	Forest Slash Management Light	\$331.40	ac
944	Forest Slash Management Medium	\$590.43	ac
945	Forest Slash Management Heavy	\$809.18	ac

Compnm	SEED & SEEDING	2011 Costs	Units
340	Birdsfoot Trefoil	\$8.30	lb
341	Alsike Clover	\$2.72	lb
342	Ladino Clover	\$4.44	lb
343	Red Clover	\$2.81	lb
344	Alfalfa	\$3.43	lb
345	Common Lespedeza	\$1.26	lb
346	Common Lespedeza (improved)	\$1.92	lb
348	Sweetclover	\$2.60	lb
349	Canada or Virginia Wildrye	\$8.37	lb
350	Kentucky Bluegrass	\$3.62	lb
351	Orchardgrass	\$2.43	lb
352	Redtop	\$9.75	lb
353	Reed Canarygrass	\$3.78	lb
354	Smooth Brome	\$1.89	lb

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355	Tall Fescue (toxic fungus)	\$1.82	lb
356	Tall Fescue (non-toxic fungus)	\$3.50	lb
357	Tall Fescue (fungus free)	\$0.80	lb
358	Timothy	\$1.89	lb
360	Bermudagrass	\$5.91	lb
361	Bermudagrass Sprigs	\$4.87	bu
362	Big Bluestem	\$9.71	lb
363	Old World Bluestem	\$12.25	lb
364	Eastern Gamagrass	\$12.88	lb
365	Indiangrass	\$10.50	lb
366	Little Bluestem	\$14.50	lb
367	Prairie Cordgrass (Spartina pectinata) seed	\$67.19	lb
368	Prairie Cordgrass (Spartina pectinata) containers	\$3.55	ea
369	Prairie Cordgrass (Spartina pectinata) rhizomes	\$0.50	ea
370	Prairie Dropseed	\$110.33	lb
371	Sideoats Grama	\$13.00	lb
372	Switchgrass	\$8.71	lb
373	Oats	\$0.24	lb
374	Wheat	\$0.24	lb
375	Cereal Rye	\$0.24	lb
978	Annual Ryegrass	\$0.60	lb
979	Barley	\$0.37	lb
980	Triticale	\$0.34	lb
981	Corn	\$0.30	lb
982	Grain Sorghum	\$1.32	lb
983	Sorghum-Sudangrass	\$0.85	lb
984	Pearl Millet	\$0.86	lb
985	Proso Millet	\$0.25	lb
986	Safflower		lb
987	Turnip	\$3.07	lb
988	Oilseed Radish		lb
989	Buckwheat	\$0.80	lb
990	Cowpeas	\$0.89	lb
991	Crimson Clover	\$3.18	lb
992	Soybean		lb
993	Sunnhemp		lb
994	Hairy Vetch	\$2.20	lb
995	Subterranean Clover		lb
996	Wooly pod Vetch		lb
997	Field Pea	\$1.00	lb
998	Southern Crabgrass	\$7.00	lb
999	Kura Clover		lb
1000	Perennial Ryegrass	\$1.35	lb
1001	Composite Dropseed		lb
1002	Illinois Bundleflower	\$27.00	lb
1003	Partridge Pea	\$14.00	lb
1004	Purple Prairieclover	\$21.67	lb
1005	Roundhead Bushclover	\$140.00	lb
1006	Showy Ticktrefoil	\$450.00	lb
1007	Grayhead Coneflower	\$44.67	lb
1008	Pale Purple Coneflower	\$218.33	lb
1009	Ox-eye false Sunflower	\$44.00	lb
1010	Wild Bergamot	\$200.00	lb
1011	Giant Miscanthus Rhizomes	\$737.00	ac
1012	Giant Miscanthus Establishment	\$333.00	ac

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379	Companion Crop - Seed	\$0.33	lb
380	Companion Crop (2) - Seed	\$8.13	ac
381	Temporary cover - Seed	\$12.78	ac
382	CSG Critical Area Planting - Seed	\$43.68	ac
383	CSG/Legume mix Critical Area Planting - Seed	\$48.02	ac
384	WSG Critical Area Planting - Seed	\$122.81	ac
385	WSG/Legume mix Critical Area Planting - Seed	\$113.86	ac
386	CSG Pasture - Seed	\$23.82	ac
387	CSG/Legume mix Pasture - Seed	\$19.73	ac
388	Interseeding Legumes Pasture - Seed	\$15.39	ac
389	WSG Pasture - Seed	\$96.42	ac
390	WSG/Legume mix Pasture - Seed	\$76.20	ac
391	CSG Conservation Cover - Seed	\$15.69	ac
392	CSG/Legume mix Conservation Cover - Seed	\$20.50	ac
393	Interseeding Legumes Conservation Cover - Seed	\$12.93	ac
394	WSG Conservation Cover - Seed	\$57.35	ac
395	WSG/Legume mix Conservation Cover - Seed	\$64.21	ac
972	CP33 Mixture 1 (INCLUDES FORBS)	\$153.77	ac
973	CP33 Mixture 2 (INCLUDES FORBS)	\$160.63	ac
974	CP33 Mixture 3 (INCLUDED FORBS)	\$126.03	ac
396	WSG - Restoration of Declining Habitats - Seed (643)	\$51.11	lb
398	FORBS – MO Ecotype 9 species mix	\$48.50	lb
971	FORBS - non-ecotype 9 species mix	\$32.14	lb
399	Food Plot - Green Browse	\$316.92	ac
401	Lime (ENM)	\$3.43	100 lb
402	Nitrogen (N)	\$0.56	lb
403	Phosphate (P2O5)	\$0.57	lb
404	Potash (K2O)	\$0.49	lb
405	Blanket Fertilizer & Lime (Cool Season Grass)	\$221.32	ac
406	Blanket Fertilizer & Lime (Warm Season Grass)	\$204.52	ac
407	Spreading (greater than 5 acres)	\$10.83	ac
408	Spreading Small Areas (5 acres or less)	\$49.44	ac
409	Seeding - Conventional or No-till Drill or Planter	\$31.98	ac
410	Air Seeding	\$11.95	ac
411	Vendor Seeding - Small Areas	\$68.19	ea
412	Planting prairie cordgrass - container	\$87.54	ac
413	Planting prairie cordgrass - rhizomes	\$90.00	ac
414	Sprigging	\$52.69	ac
415	Mulch Anchor (netting)	\$0.98	sq yd
416	Mulch Manufactured	\$1.53	sq ft
417	Mulch Natural	\$303.12	ac

Compnun	STREAMBANK STABILIZATION	2011 Costs	Units
418	Cable Set 6"	\$16.00	ea
419	Cable Set 12"	\$28.00	ea
420	Labor for Tree Revetment Installation	\$16.50	ft
421	Cedar Trees	\$13.75	tree
422	Coconut Fiber Log	\$7.50	ft
423	Willow staking	\$4.50	ft

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Compnium	TREES	2011 Costs	Units
424	Cuttings	\$0.33	ea
425	Conifers	\$0.22	tree
432	Conifers (Commercial)	\$0.50	tree
433	Direct Seeding - Conifer	\$150.00	ac
434	Hand Planting trees/shrubs	\$0.60	tree
435	Container Trees	\$10.17	tree
436	Planting Container trees/shrubs	\$8.00	ea
437	Hardwoods	\$0.43	tree
438	Hardwoods (Commercial)	\$0.85	tree
439	Direct Seeding - Hardwoods	\$250.00	ac
441	Machine Planting trees/shrubs	\$0.48	ea
442	Shrubs	\$0.38	shrub
443	Shrubs (Commerical)	\$0.70	shrub
444	Shrubs (container)	\$9.50	shrub
445	Direct Seeding - Shrub Lespedeza	\$83.33	ac
446	Slow release fertilizer	\$0.09	tree
447	Tree Berm (Rice Plow)	\$30.00	ac
449	Forest Stand Improvement Light	\$81.83	ac
450	Forest Stand Improvement Medium	\$87.80	ac
451	Forest Stand Improvement Heavy	\$103.96	ac

Compnium	WASTE MANAGEMENT	2011 Costs	Units
453	Closure of Waste Impoundments - Solid Removal	\$7.56	cu yd
454	Closure of Waste Impoundments - Berm excavation and site leveling	\$2.30	cu yd
455	Closure of Waste Impoundments - Concrete demolition and disposal	\$42.75	ton
456	Custom Pumping	\$0.01	gal
457	Incinerator	\$13.62	lb/chg
458	Guttering	\$10.40	ft
459	Roofing	\$7.18	sq ft
461	Picket Structure -wood	\$10.40	sq ft
462	Picket Structure -plastic	\$15.12	sq ft
463	Flush Tank	\$8.85	cu ft
464	Chopper/ Screw/ Sewage Pump <=1 HP	\$1,273.00	ea
465	Chopper/ Screw/ Sewage Pump 1 to 3 HP	\$1,930.00	ea
466	Chopper/ Screw/ Sewage Pump 3 to 7 HP	\$3,300.00	ea
467	Chopper/ Screw/ Sewage Pump 7 to 15 HP	\$7,700.00	ea
468	Fuel Engine Pump <=50 HP	\$8,185.00	ea
469	Fuel Engine Pump 50 to 75 HP	\$11,688.00	ea
470	Fuel Engine Pump >75 HP	\$14,250.00	ea
475	Manure Transfer 4" (Liquid)	\$6.01	ft
476	Manure Transfer 6" (Liquid)	\$8.31	ft
477	Manure Transfer 8" (Liquid)	\$8.55	ft
478	Manure Transfer 10" (Liquid)	\$12.04	ft
480	Waste storage facility - liquids (glass lined)	\$1.81	cu ft
481	Composting facility	\$6.44	cu ft
482	Waste storage facility - poultry stacking pad	\$3.23	sq ft
1014	Waster storage facility - concrete stacking pad	\$5.33	sq ft
1013	Biofilter	\$4.28	cu ft

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Compnun	WATER SUPPLY	2011 Costs	Units
484	Freeze Proof Hydrant	\$102.64	ea
485	Quick Coupler Set	\$131.09	ea
486	Pressure Tank	\$999.67	ea
487	Waterline Valves	\$119.37	ea
488	Solar Panel and Pump <=100 watts	\$2,734.00	ea
489	Solar Panel and Pump 100-300 watts	\$3,244.00	ea
490	Solar Panel and Pump >=300 watts	\$3,754.00	ea
493	Submersible Pump	\$1,989.30	ea
494	Jet Pump	\$945.56	ea
495	Centrifugal Pump	\$1,593.74	ea
496	Tank - Freeze Proof 2 hole	\$714.16	ea
497	Tank - Freeze Proof 4 hole	\$889.42	ea
498	Tank - Freeze Proof concrete < 250 gallons	\$620.91	ea
499	Tank - Freeze Proof concrete >= 250 gallons	\$776.25	ea
500	Tank - open w/float	\$211.23	ea
501	Tank - portable w/float	\$167.44	ea
502	Tank - tire	\$512.06	ea
503	Water Storage Tanks / Spring Tank	\$1.84	gal
504	Spring Collection Pipe (concrete) 18" dia.	\$64.04	ft
505	Spring Collection Pipe (concrete) 24" dia.	\$67.98	ft
506	Spring Collection Pipe (concrete) 30" dia.	\$100.80	ft
507	Spring Collection Pipe (concrete) 36" dia.	\$88.18	ft
508	Spring Collection Pipe (concrete) 48" dia.	\$76.28	ft
509	Spring Collection Pipe Lid 18"	\$16.65	ea
510	Spring Collection Pipe Lid 24"	\$17.00	ea
511	Spring Collection Pipe Lid 30"	\$26.20	ea
512	Spring Collection Pipe Lid 36"	\$37.67	ea
513	Spring Collection Pipe Lid 48"	\$40.33	ea
514	Spring Collection box	\$443.04	ea
515	Spring Development	\$757.42	ea
516	Install Livestock pipe into existing structure	\$6.49	ft
517	Pipeline Bore	\$55.00	ft

Compnun	WELLS	2011 Costs	Unit
518	Cement (neat cement)	\$6.20	cu ft
519	Cement Grout	\$5.50	cu ft
520	Chlorine	\$1.61	gal
521	Remove Pump and Pipe	\$1.41	ft
522	Water Well Casing Removal	\$53.89	ft
523	Well Filling / Well Decommissioning	\$6.39	cu ft
526	Water Well Casing	\$9.91	ft
527	Water Well Drilling	\$6.47	ft
528	Water Well Lining	\$6.15	ft
529	Water Well Misc	\$556.44	ea
530	Well House	\$678.76	ea

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Compnium	WETLAND COMPONENTS	2011 Costs	Units
545	Inline Water Control Structure 6" dia x 4' ht.	\$488.00	ea
546	Inline Water Control Structure 6" dia x 5' ht.	\$539.00	ea
547	Inline Water Control Structure 6" dia x 6' ht.	\$588.00	ea
558	Inline Water Control Structure 8" dia x 4' ht.	\$547.00	ea
559	Inline Water Control Structure 8" dia x 5' ht.	\$614.00	ea
560	Inline Water Control Structure 8" dia x 6' ht.	\$681.00	ea
582	Inline Water Control Structure 12" dia (or 14" weir) x 2' ht.	\$766.57	ea
583	Inline Water Control Structure 12" dia (or 14" weir) x 3' ht.	\$847.00	ea
584	Inline Water Control Structure 12" dia (or 14" weir) x 4' ht.	\$942.29	ea
585	Inline Water Control Structure 12" dia (or 14" weir) x 5' ht.	\$1,030.57	ea
586	Inline Water Control Structure 12" dia (or 14" weir) x 6' ht.	\$1,127.00	ea
587	Inline Water Control Structure 12" dia (or 14" weir) x 7' ht.	\$1,410.00	ea
588	Inline Water Control Structure 12" dia (or 14" weir) x 8' ht.	\$1,500.00	ea
589	Inline Water Control Structure 12" dia (or 14" weir) x 9' ht.	\$1,590.00	ea
590	Inline Water Control Structure 12" dia (or 14" weir) x 10' ht.	\$1,680.00	ea
591	Inline Water Control Structure 12" dia (or 14" weir) x 11' ht.	\$1,770.00	ea
592	Inline Water Control Structure 12" dia (or 14" weir) x 12' ht.	\$1,860.00	ea
593	Inline Water Control Structure 12" dia (or 14" weir) x 13' ht.	\$1,950.00	ea
594	Inline Water Control Structure 12" dia (or 14" weir) x 14' ht.	\$2,040.00	ea
595	Inline Water Control Structure 15" dia (or 18" weir) x 2' ht	\$805.43	ea
596	Inline Water Control Structure 15" dia (or 18" weir) x 3' ht	\$899.86	ea
597	Inline Water Control Structure 15" dia (or 18" weir) x 4' ht	\$1,020.86	ea
598	Inline Water Control Structure 15" dia (or 18" weir) x 5' ht	\$1,131.00	ea
599	Inline Water Control Structure 15" dia (or 18" weir) x 6' ht	\$1,249.71	ea
600	Inline Water Control Structure 15" dia (or 18" weir) x 7' ht	\$1,580.00	ea
601	Inline Water Control Structure 15" dia (or 18" weir) x 8' ht	\$1,700.00	ea
602	Inline Water Control Structure 15" dia (or 18" weir) x 9' ht	\$1,820.00	ea
603	Inline Water Control Structure 15" dia (or 18" weir) x 10' ht	\$1,940.00	ea
604	Inline Water Control Structure 15" dia (or 18" weir) x 11' ht	\$2,050.00	ea
605	Inline Water Control Structure 15" dia (or 18" weir) x 12' ht	\$2,170.00	ea
606	Inline Water Control Structure 15" dia (or 18" weir) x 13' ht	\$0.00	ea
607	Inline Water Control Structure 15" dia (or 18" weir) x 14' ht	\$0.00	ea
608	Inline Water Control Structure 18" dia (or 22" weir) x 2' ht	\$943.83	ea
609	Inline Water Control Structure 18" dia (or 22" weir) x 3' ht	\$1,074.50	ea
610	Inline Water Control Structure 18" dia (or 22" weir) x 4' ht	\$1,569.33	ea
611	Inline Water Control Structure 18" dia (or 22" weir) x 5' ht	\$1,326.31	ea
612	Inline Water Control Structure 18" dia (or 22" weir) x 6' ht	\$1,461.57	ea
613	Inline Water Control Structure 18" dia (or 22" weir) x 7' ht	\$1,745.00	ea
614	Inline Water Control Structure 18" dia (or 22" weir) x 8' ht	\$1,870.00	ea
615	Inline Water Control Structure 18" dia (or 22" weir) x 9' ht	\$2,000.00	ea
616	Inline Water Control Structure 18" dia (or 22" weir) x 10' ht	\$2,125.00	ea
617	Inline Water Control Structure 18" dia (or 22" weir) x 11' ht	\$2,255.00	ea
618	Inline Water Control Structure 18" dia (or 22" weir) x 12' ht	\$2,380.00	ea
619	Inline Water Control Structure 24" dia (or 29" weir) x 2' ht	\$0.00	ea
620	Inline Water Control Structure 24" dia (or 29" weir) x 3' ht	\$1,343.33	ea
621	Inline Water Control Structure 24" dia (or 29" weir) x 4' ht	\$1,520.33	ea
622	Inline Water Control Structure 24" dia (or 29" weir) x 5' ht	\$1,697.33	ea
623	Inline Water Control Structure 24" dia (or 29" weir) x 6' ht	\$1,889.33	ea
624	Inline Water Control Structure 24" dia (or 29" weir) x 7' ht	\$2,330.00	ea
625	Inline Water Control Structure 24" dia (or 29" weir) x 8' ht	\$2,525.00	ea
626	Inline Water Control Structure 24" dia (or 29" weir) x 9' ht	\$2,720.00	ea
627	Inline Water Control Structure 24" dia (or 29" weir) x 10' ht	\$2,920.00	ea
628	Concrete pre-fab water control structure 18" or 24"x5' (or equiv.)	\$4,100.00	ea

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629	Concrete pre-fab water control structure 18" or 24"x6' (or equiv.)	\$4,700.00	ea
630	Concrete pre-fab water control structure 18" or 24"x7' (or equiv.)	\$5,300.00	ea
631	Inline Water Control Structure Internal Flap Gate 4"-8"	\$60.00	ea
632	Inline Water Control Structure Internal Flap Gate 10 – 12"	\$80.00	ea
633	Inline Water Control Structure Internal Flap Gate 15" - 18"	\$95.00	ea
634	Inline Water Control Structure Internal Flap Gate 20"+	\$150.00	ea
635	Combination Slide & Turn-out Flap Gate 10"	\$300.00	ea
636	Combination Slide & Turn-out Flap Gate 12"	\$375.00	ea
637	Combination Slide & Turn-out Flap Gate 15"	\$440.00	ea
638	Combination Slide & Turn-out Flap Gate 18"	\$600.00	ea
639	Combination Slide & Turn-out Flap Gate 24"	\$755.00	ea
640	Combination Slide & Turn-out Flap Gate 30"	\$1,000.00	ea
641	Combination Slide & Turn-out Flap Gate 36"	\$1,340.00	ea
642	Slide Gate 10"	\$170.00	ea
643	Slide Gate 12"	\$195.00	ea
644	Slide Gate 15"	\$250.00	ea
645	Slide Gate 18"	\$350.00	ea
646	Water-Tight Flap Gate 10"	\$210.00	ea
647	Water-Tight Flap Gate 12"	\$235.00	ea
648	Water-Tight Flap Gate 15"	\$285.00	ea
649	Water-Tight Flap Gate 18"	\$360.45	ea
650	Water-Tight Flap Gate 24"	\$518.18	ea
651	Screw/Sluice/Canal Gate (seating head pressure only) 12"	\$890.00	ea
652	Screw/Sluice/Canal Gate (seating head pressure only) 15"	\$995.00	ea
653	Screw/Sluice/Canal Gate (seating head pressure only) 18"	\$1,310.00	ea
654	Screw/Sluice/Canal Gate (seating head pressure only) 24"	\$1,740.00	ea
655	Screw/Sluice/Canal Gate (seating and unseating head pressure) 12"	\$1,350.00	ea
656	Screw/Sluice/Canal Gate (seating and unseating head pressure) 15"	\$1,490.00	ea
657	Screw/Sluice/Canal Gate (seating and unseating head pressure) 18"	\$1,850.00	ea
658	Screw/Sluice/Canal Gate (seating and unseating head pressure) 24"	\$2,470.00	ea
659	Drop Inlet PVC Elbow 4"	\$10.00	ea
660	Drop Inlet PVC Elbow 6"	\$15.00	ea
661	Drop Inlet PVC Elbow 8"	\$35.00	ea
662	Drop Inlet PVC Elbow 10"	\$60.00	ea
663	Drop Inlet PVC Elbow 12"	\$70.00	ea
664	Weir Box 30"w x 32"d x 24"h	\$391.18	ea
665	Weir Box 30"w x 32"d x 30"h	\$356.84	ea
666	Weir Box 30"w x 32"d x 36"h	\$438.00	ea
667	Weir Box 36"w x 38"d x 36"h	\$552.53	ea
668	Weir Box 40"w x 42"d x 36"h	\$416.81	ea
669	Plastic Weir Riser 36" X 18"	\$555.00	ea
670	Plastic Weir Riser 48" X 24"	\$910.00	ea
671	Plastic Gasketed Riser 21" X 15"	\$340.00	ea
672	Plastic Gasketed Riser 24" X 18"	\$700.00	ea
673	Wetland Creative Borrow - Long Haul	\$1.10	cu yd
674	Wetland Creative Borrow - Short Haul	\$1.25	cu yd
675	Wetland Habitat Mounds	\$1.25	cu yd
676	Anchors	\$10.00	diam in
677	Levee (Water management)	\$2.40	cu yd
811	Concrete Manhole Water Control Structure 4' dia. X 3' tall	\$2,300.00	ea
812	Concrete Manhole Water Control Structure 4' dia. X 4' tall	\$2,450.00	ea
813	Concrete Manhole Water Control Structure 4' dia. X 5' tall	\$2,600.00	ea
814	Concrete Manhole Water Control Structure 4' dia. X 6' tall	\$2,750.00	ea
815	Concrete Manhole Water Control Structure 5' dia. X 3' tall	\$3,000.00	ea
816	Concrete Manhole Water Control Structure 5' dia. X 4 tall	\$3,150.00	ea

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817	Concrete Manhole Water Control Structure 5' dia. X 5' tall	\$3,500.00	ea
818	Concrete Manhole Water Control Structure 5' dia. X 6' tall	\$3,650.00	ea
819	Flapgate Weir Board 4' wide	\$400.00	ea
820	Flapgate Weir Board 5' wide	\$500.00	ea

Compnum	OTHER COMPONENTS	2011 Costs	Units
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678	Concrete Grade Stabilization Structure	\$490.00	cu yd
679	CRP boundary Marker	\$4.61	ea
680	Downed Tree Structure	\$86.33	ea
686	Prescribed Burning	\$29.36	ac
687	Prescribed Burning - Woodland	\$37.28	ac
689	Soil Test	\$14.26	ea
690	Straw Bale	\$3.94	ea
694	Wildlife Watering Facility	\$568.25	ea
934	Silt Fence	\$0.44	lin ft

Compnum	Labor and Equipment	2011 Costs	Units
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695	Dozer	\$113.48	hr
696	Labor/Personal	\$20.10	hr
697	Labor/Hired	\$63.20	hr
698	Chain Saw	\$18.25	hr
699	Tractor with Loader up to 100 HP	\$73.75	hr
700	Tractor with Loader greater than 100 HP	\$90.50	hr
701	Skid Loader	\$81.49	hr
702	Track Hoe	\$193.87	hr