2010 Vermont Component Average Cost Data (Burlington Zip Code Area 054)

UNIT DEFINITIONS: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour), **L.C.Y.** (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F. (1,000 board Feet)**

Category:	Item #	Item:	Unit	054	Average $
Agronomic Practices	L014.1.2.34	Compost Analysis (total nutrients and carbon)	EA.	$53.00	$53.00
Agronomic Practices	L014.1.2.35	Manure Analysis	EA.	$38.00	$38.00
Agronomic Practices	A014467	Pipeline (2) (643)-3/4" pipeline laid on ground	L.F.	$0.47	$0.47
Agronomic Practices	A014468	Pipeline (3) (643)-1 1/4" pipeline laid on ground	L.F.	$1.37	$1.37
Agronomic Practices	A014466	Pipeline (643)-1" pipeline laid on ground	L.F.	$0.82	$0.82
Agronomic Practices	L014.1.2.33	Soil Health Assessment	EA.	$75.00	$75.00
Agronomic Practices	L014.1.2.31	Soil test, (commercial vegetables & small fruit)	EA.	$15.00	$15.00
Agronomic Practices	L014.1.2.32	Soil test, (pre-sidedress nitrate test)	EA.	$11.00	$11.00
Agronomic Practices	L014.1.2.30	Soil test, (standard agricultural field crops soil test)	EA.	$15.00	$15.00
Agronomic Practices	A014490	Watering Facility - Moveable (614) - 35 gal poly, valves & float	EA.	$85.00	$85.00
Agronomic Practices	A014492	Watering Facility (614) - 70 gal poly, valves & float	EA.	$150.00	$150.00
Agronomic Practices	A014494	Watering Facility 150 gal (614) - 150 gal poly, valves, float, geotextile & gravel.	EA.	$805.92	$801.69
Asphalt	02 740 315 0020	Asphalt, parking & driveway, 6" stone base, 2" binder course, 1" topping	S.F.	$2.77	$2.71
Asphalt	02 740 315 0400	Asphalt, parking lots & driveways, binder course, 2" thick	S.F.	$1.12	$1.10
Asphalt	02 740 315 0500	Asphalt, parking lots & driveways, binder course, 3" thick	S.F.	$1.77	$1.73
Asphalt	02 740 315 0600	Asphalt, parking lots & driveways, binder course, 4" thick	S.F.	$2.36	$2.31
Asphalt	02 740 315 0900	Asphalt, parking lots & driveways, sand finish course, 1" thick	S.F.	$0.64	$0.62
Asphalt	02 740 315 0800	Asphalt, parking lots & driveways, sand finish course, 3/4" thick	S.F.	$0.50	$0.49
Asphalt	02 310 100 0100	Fine grade, for roadway, large area, 6,000 S.Y. or more	S.Y.	$0.82	$0.82
Asphalt	02 310 100 0012	Fine grading, finish grading, small area, to be paved with grader	S.Y.	$4.15	$4.14
Asphalt	02 220 360 0015	Selective demolition, saw cutting, asphalt, up to 3" deep	L.F.	$1.78	$1.75
Asphalt	02 220 360 0020	Selective demolition, saw cutting, each additional inch of depth over 3"	L.F.	$0.89	$0.89
Concrete Demolition	02 220 310 0250	Selective demolition, cutout, slab on grade, non-reinforced, to 6" thick, 8-16 S.F., excludes loading and disposal	S.F.	$12.65	$12.58
Concrete Demolition	02 220 310 0200	Selective demolition, cutout, slab on grade, non-reinforced, to 6" thick, under 8 S.F., excludes loading and disposal	S.F.	$26.14	$26.01
Concrete Demolition	02 220 130 0240	Demolition-footing, floor, concrete slab on grade, plain concrete, 4" thick	S.F.	$4.44	$4.42
Concrete Demolition	02 220 130 0280	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 4" thick	S.F.	$4.72	$4.69
Concrete Demolition	02 220 130 0420	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 6" thick	S.F.	$6.54	$6.50
Concrete Demolition	02 220 130 0400	Demolition-footings, floors, concrete slab on grade, plain concrete, 6" thick	S.F.	$5.92	$5.89
Concrete Demolition	02 220 240 5200	Minor demolition, slab on grade , rebar, 8" thick, remove, exc. hauling	C.Y.	$146.57	$145.82
Concrete Demolition	02 220 240 5100	Minor demolition, slab on grade , wwf, 8" thick, remove, exc. hauling	C.Y.	$110.54	$109.97
Concrete Demolition	02 220 240 5000	Minor demolition, slab on grade, plain, remove, excludes hauling	C.Y.	$81.67	$81.25
Concrete Demolition	02 220 360 0420	Saw cutting, concrete slab, rebar, each additional inch of depth over 3"	L.F.	$1.08	$1.07
Concrete Demolition	02 220 360 0400	Saw cutting, concrete slabs, mesh reinforcing, per inch of depth to 3" deep	L.F.	$1.99	$1.96
Misc. Concrete	L151.2.12.2	6" Pipe Penetration Seal, modular, links & bolts	EA.	$210.38	$197.83
Misc. Concrete	L151.2.12.3	8" Pipe Penetration Seal, modular, links & bolts	EA.	$245.12	$230.49
Misc. Concrete	03 350 300 4000	Concrete finishing, floor, dustproofing, epoxy-based, clear, 1 coat	S.F.	$0.48	$0.32
Misc. Concrete	03 350 300 4050	Concrete finishing, floor, dustproofing, epoxy-based, clear, 2 coats	S.F.	$0.62	$0.44
Misc. Concrete	03 350 350 0020	Concrete finishing, walls, includes breaking ties and patching voids	S.F.	$0.95	$0.54
Misc. Concrete	01 450 500 1800	Concrete testing, compressive strength test, ASTM C 39, incl. delivery to lab per cylinder	Ea.	$13.00	$13.00
Misc. Concrete	01 450 500 1950	Concrete testing, compressive strength test, incl. picked up by lab, average	Ea.	$20.00	$20.00
Misc. Concrete	A033550	Construction Joint - floor, sawed, backer rod and waterstop	L.F.	$4.29	$2.56
Misc. Concrete	03 240 300 0155	Fibrous reinforcing, steel fibers, add to concrete, 25 lb. per C.Y.	C.Y.	$26.93	$21.33
Misc. Concrete	03 240 300 0110	Fibrous reinforcing, synthetic fibers, add to concrete, 1-1/2 lb. per C.Y.	C.Y.	$10.21	$8.09
Misc. Concrete	L014.2.4.2	Pumping, Concrete, Footings & Slabs, 18.75cy/hr (include drive time)	HR.	$177.50	$177.50

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Misc. Concrete	L014.2.4.3	Pumping, Concrete, Walls, 12.5cy/hr (include drive time)	HR.	$177.50	$177.50
Misc. Concrete	03 150 860 0050	Waterstop, PVC or Bentonite type	L.F.	$3.68	$3.44
Misc. Concrete	03 060 870 0050	Winter Protection, for heated ready mix, includes material only, add, max.	C.Y.	$7.11	$6.51
Misc. Concrete	03 060 870 0012	Winter Protection, for heated ready mix, includes material only, add, min.	C.Y.	$5.70	$5.22
Misc. Concrete	03 060 870 0150	Winter Protection, protecting concrete and temp heat	M.S.F.	$936.81	$851.00
Misc. Concrete	03 060 870 0210	Winter Protection, temp. shelter, slab on grade, wood frame and poly, max.	M.S.F.	$606.54	$487.74
Misc. Concrete	03 060 870 0201	Winter Protection, temp. shelter, slab on grade, wood frame and poly, min.	M.S.F.	$365.58	$314.33
Precast Concrete	L026.2.14.1	Block, Concrete, keyed, 6'x2'x2', including corners	EA.	$110.00	$95.83
Precast Concrete	L026.2.14.0	Block, Concrete, non keyed, 4'x2'x2' or 4'x4'x2'	EA.	$80.00	$69.69
Precast Concrete	L026.22.6.1	Catchbasin, Precast Concrete, 2' square or round, cast grate, 6' deep, excav. not incl.	EA.	$1,150.00	$1,001.86
Precast Concrete	02 540 400 1000	Distribution box - concrete, 5-7 outlets, excludes excavation or piping	Ea.	$120.33	$101.82
Precast Concrete	L025.24.6.6	Grease Trap, 1000gal, no exc. or bkfill, w/ 8" effluent filter	EA.	$2,501.25	$2,179.06
Precast Concrete	L026.2.8.2	Hopper, Precast, 6' dia. x 6' deep, delivered, excav. not incl.	EA.	$1,983.75	$1,728.22
Precast Concrete	L026.2.8.3	Hopper, Precast, 6' dia. x 8' deep, delivered, excav. not incl.	EA.	$2,374.75	$2,068.85
Precast Concrete	L026.22.2.2	Manhole, Precast, 4' dia, Base, delivered, excav. not incl.	EA.	$103.50	$90.17
Precast Concrete	L026.22.2.0	Manhole, Precast, 4' dia, Cover, delivered, excav. not incl.	EA.	$169.63	$147.78
Precast Concrete	L026.22.2.1	Manhole, Precast, 4' dia, Section, delivered, excav. not incl.	L.F.	$69.00	$60.11
Precast Concrete	L026.22.3.2	Manhole, Precast, 5' dia, Base, delivered, excav. not incl.	EA.	$195.50	$170.32
Precast Concrete	L026.22.3.0	Manhole, Precast, 5' dia, Cover, delivered, excav. not incl.	EA.	$336.38	$293.05
Precast Concrete	L026.22.3.1	Manhole, Precast, 5' dia, Section, delivered, excav. not incl.	L.F.	$126.50	$110.21
Precast Concrete	L026.22.4.2	Manhole, Precast, 6' dia, Base, delivered, excav. not incl.	EA.	$270.25	$235.44
Precast Concrete	L026.22.4.0	Manhole, Precast, 6' dia, Cover, delivered, excav. not incl.	EA.	$425.50	$370.69
Precast Concrete	L026.22.4.1	Manhole, Precast,6' dia, Section, delivered, excav. not incl.	L.F.	$181.13	$157.79
Precast Concrete	L025.24.6.7	Pump Station, Precast, 1000gal, excav. not incl., 1/2hp sewage pump included	EA.	$3,099.25	$2,700.02
Precast Concrete	L025.24.6.11	Pump Station, Precast, 1000gal, excav. not incl., no pump	EA.	$1,408.75	$1,227.28
Precast Concrete	L025.24.6.8	Pump Station, Precast, heavy duty-drive on, 1000gal, excav. not incl., no pump	EA.	$4,226.25	$3,681.85
Precast Concrete	L025.24.6.10	Pump Station, Precast, heavy duty-drive on, 2000gal, excav. not incl, no pump	EA.	$5,663.75	$4,934.18
Precast Concrete	L025.24.6.9	Pump Station, Precast,heavy duty-drive on, 1500gal, excav. not incl., no pump	EA.	$5,548.75	$4,834.00
Precast Concrete	L025.24.6.0	Septic Tank, Precast, 1000gal, excav. not incl.	EA.	$1,239.70	$1,080.01
Precast Concrete	L025.24.6.1	Septic Tank, Precast, 1500gal, excav. not incl.	EA.	$1,569.75	$1,367.54
Precast Concrete	L025.24.6.2	Septic Tank, Precast, 2000gal, excav. not incl.	EA.	$2,110.25	$1,838.42
Precast Concrete	L025.24.6.12	Septic Tank, Precast, 3000gal, excav. not incl.	EA.	$3,018.75	$2,629.89
Precast Concrete	L025.24.6.3	Septic Tank, Precast, Heavy Duty-drive on, 1000gal, excav. not incl.	EA.	$4,025.00	$3,506.53
Precast Concrete	L025.24.6.4	Septic Tank, Precast, Heavy Duty-drive on, 1500gal, excav. not incl.	EA.	$4,887.50	$4,257.92
Precast Concrete	L025.24.6.5	Septic Tank, Precast, Heavy Duty-drive on, 2000gal, excav. not incl.	EA.	$5,922.50	$5,159.60
Precast Concrete	L025.24.6.13	Septic Tank, Precast, Heavy Duty-drive on, 3000gal, excav. not incl.	EA.	$6,785.00	$5,911.00
Precast Concrete	L026.22.5.0	Well tile, Precast, 3' dia, Base, delivered, excav. not incl.	EA.	$155.25	$135.25
Precast Concrete	L026.22.5.1	Well tile, Precast, 3' dia, Cover, delivered, excav. not incl.	EA.	$83.38	$72.64
Precast Concrete	L026.22.5.2	Well tile, Precast, 3' dia, Section, delivered, excav. not incl.	L.F.	$71.88	$62.62
Concrete Walls	A033010	4'-8' Conc. Wall, 3000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	$425.77	$373.27
Concrete Walls	A033011	4'-8' Conc. Wall, 3000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	$447.82	$388.67
Concrete Walls	A033012	4'-8' Conc. Wall, 3000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	$445.41	$386.99
Concrete Walls	A033013	4'-8' Conc. Wall, 3000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	$478.50	$410.09
Concrete Walls	A033014	4'-8' Conc. Wall, 4000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	$432.04	$379.08
Concrete Walls	A033015	4'-8' Conc. Wall, 4000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	$454.10	$394.48

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Concrete Walls	A033016	4'-8' Conc. Wall, 4000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	$451.69	$392.80
Concrete Walls	A033017	4'-8' Conc. Wall, 4000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	$484.77	$415.90
Concrete Walls	A033030	10' Conc. Wall, 3000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	$397.16	$340.83
Concrete Walls	A033031	10' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	$419.64	$363.70
Concrete Walls	A033032	10' Conc. Wall, 3000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	$416.73	$361.67
Concrete Walls	A033033	10' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	$444.33	$380.94
Concrete Walls	A033034	10' Conc. Wall, 4000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	$407.62	$356.73
Concrete Walls	A033035	10' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	$425.91	$369.51
Concrete Walls	A033036	10' Conc. Wall, 4000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	$423.01	$367.48
Concrete Walls	A033037	10' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	$450.60	$386.75
Concrete Walls	A033050	12' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	$417.13	$362.32
Concrete Walls	A033051	12' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	$423.41	$368.13
Concrete Walls	A033052	12' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	$444.33	$380.94
Concrete Walls	A033053	12' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	$450.60	$386.75
Concrete Walls	A033135	Conc. Hopper, 6'x6'x8', 8" Wall & Floor, No Exc. or Drainage, 6" Drainfill	E.A.	$3,731.78	$3,103.91
Concrete Walls	A033073	Concrete Footing, 4,000 psi , 14" thick, 4' wide, #5 @ 12" e.f., #5 dowels @ 14" e.f.	C.Y.	$435.52	$336.25
Concrete Walls	A033072	Concrete Footing, 4,000 psi , 14" thick, 4' wide, #5 @ 6" e.f., #5 dowels @ 14" e.f.	C.Y.	$484.56	$367.01
Concrete Walls	A033071	Concrete Footing, 10" thick, < 3' wide, reinforced, #4 E.W. Typ.	C.Y.	$344.33	$286.94
Concrete Walls	A033070	Concrete Footing, 10" thick, > 3' wide, reinforced, #4 & #5	C.Y.	$340.38	$262.25
Concrete Walls	A033055	6' Conc. Wall, 4000 psi, 12" thick, #5@6" e.f. V, #6@5" E.F. H, Chute, Curing Compd.	C.Y.	$569.54	$453.71
Concrete Walls	A033054	12' Conc. Wall, 4000 psi, 12" thick, #5@6" e.f. V, #6@5" E.F. H, Chute, Curing Compd.	C.Y.	$617.53	$487.21
Concrete Walls	A033056	12' Conc. Wall, 4000 psi, 12" thick, #5@12" e.f. V, #5@10" E.F. H, Chute, Curing Compd.	C.Y.	$730.23	$565.91
Concrete Walls	A033057	16' Conc. Wall, 4000 psi, 12" thick, #5@12" e.f. V, #5@10" E.F. H, Chute, Curing Compd.	C.Y.	$849.51	$649.20
Concrete	A033130	Curb, Concrete, 6"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	$15.09	$12.50
Concrete	A033133	Curb, Concrete, 6"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	$24.89	$21.06
Concrete	A033131	Curb, Concrete, 8"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	$15.70	$13.07
Concrete	A033134	Curb, Concrete, 8"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	$26.24	$22.30
Concrete	A033132	Curb, Concrete, Speed Bump, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	$15.70	$13.07
Concrete	A033091	Slab, Concrete, 4", 3000psi, Curing cmpd., saw 10' o.c. each way	C.Y.	$192.15	$163.65
Concrete	A033090	Slab, Concrete, 4", 3000psi, W1.4(10ga) 6x6 WWF, Curing cmpd., saw 30' o.c. each way	C.Y.	$219.16	$181.07
Concrete	A033096	Slab, Concrete, 5", 3000psi, Curing cmpd., saw 12.5' o.c. each way	C.Y.	$179.75	$153.90
Concrete	A033095	Slab, Concrete, 5", 3000psi, Curing cmpd., W6(2ga) 6x6 WWF. (joint spacing up to 110')	C.Y.	$252.05	$206.23
Concrete	A033092	Slab, Concrete, 5", 3000psi, Curing cmpd., #4@18" E.W. (joint spacing up to 125')	C.Y.	$239.16	$195.48
Concrete	A033097	Slab, Concrete, 5", 3000psi, Curing cmpd., #4@12" E.W. (joint spacing up to 180')	C.Y.	$269.95	$216.48
Concrete	A033098	Slab, Concrete, 6", 3000psi, Curing cmpd., saw cut 15' o.c. each way	C.Y.	$173.18	$148.42
Concrete	A033100	Slab, Concrete, 6", 3000psi, Curing cmpd., #4@18" E.W. (joint spacing up to 100')	C.Y.	$255.70	$206.17
Concrete	A033094	Slab, Concrete, 6", 3000psi, Curing cmpd., #4@12" E.W. (joint spacing up to 150')	C.Y.	$296.59	$234.05
Concrete	A033099	Slab, Concrete, 6", 3000psi, Curing cmpd., #5@10" E.W. (joint spacing up to 290')	C.Y.	$303.41	$238.70
Concrete	A030110	Unreinforced Concrete	C.Y.	$164.96	$134.64
Subsurface Drainage	A023284	4" Perf. Field Drain, 12' deep, bankrun gravel, incls. Mob	L.F.	$18.85	$18.67
Subsurface Drainage	A023285	4" Perf. Field Drain, 12' deep, geotextile, bankrun gravel, incls. Mob	L.F.	$19.35	$19.15
Subsurface Drainage	A023261	4" Perf. Field Drain, 4-6' deep, bankrun gravel, incls. Mob	L.F.	$7.79	$7.66
Subsurface Drainage	A023262	4" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incls. Mob	L.F.	$8.22	$8.09
Subsurface Drainage	A023263	4" Perf. Field Drain, 7-9' deep, bankrun gravel, incls. Mob	L.F.	$9.24	$9.12
Subsurface Drainage	A023264	4" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incls. Mob	L.F.	$9.68	$9.54

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Subsurface Drainage	A023260	4" Perf. Footing Drain, stone, geotextile	L.F.	$3.49	$3.34
Subsurface Drainage	A023280	6" Perf. Field Drain, 4-6' deep, bankrun gravel, incls. Mob	L.F.	$8.93	$8.68
Subsurface Drainage	A023281	6" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incls. Mob	L.F.	$9.36	$9.10
Subsurface Drainage	A023282	6" Perf. Field Drain, 7-9' deep, bankrun gravel, incls. Mob	L.F.	$10.39	$10.13
Subsurface Drainage	A023283	6" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incls. Mob	L.F.	$10.82	$10.55
Surface Drainage	L026.4.4.3	Bar Guard, 12" Heavy Duty, Trash Rack	EA.	$89.68	$78.13
Surface Drainage	L026.4.4.4	Bar Guard, 18" Heavy Duty, Trash Rack	EA.	$133.98	$116.72
Surface Drainage	L026.4.4.5	Bar Guard, 24" Heavy Duty, Trash Rack	EA.	$174.58	$152.09
Surface Drainage	L026.4.4.1	Bar Guard, 6" Heavy Duty, Trash Rack	EA.	$74.87	$65.23
Surface Drainage	L026.4.4.2	Bar Guard, 8" Heavy Duty, Trash Rack	EA.	$80.35	$70.00
Surface Drainage	A023290	Diversion or Waterway, Grassed	L.F.	$6.17	$6.15
Surface Drainage	A023291	Diversion or Waterway, Grassed, w/ Erosion Control Netting	L.F.	$7.09	$7.06
Surface Drainage	A023292	Diversion or Waterway, Stone Centered	L.F.	$27.88	$27.56
Surface Drainage	L151.4.3.1	Grate, 24" dia., Cast Iron w/ Ears	EA.	$337.53	$317.39
Surface Drainage	L151.4.2.6	Riser, perforated, for diversion or terrace 10" SDR 35	EA.	$975.20	$917.02
Surface Drainage	L151.4.2.4	Riser, perforated, for diversion or terrace 6" SDR 35	EA.	$226.55	$213.03
Surface Drainage	L151.4.2.5	Riser, perforated, for diversion or terrace 8" SDR 35	EA.	$426.65	$401.19
Equipment Rental	A015307	Backhoe (rented), 40-45 Hp, 1/2 CY Capacity, w/ operator	HR.	$77.68	$77.35
Equipment Rental	A015308	Backhoe (rented), Large, 100 Hp, 3/4 C.Y. Capacity, w/ operator	HR.	$91.37	$91.04
Equipment Rental	A015306	Dozer (rented), Large, 200 Hp, w/ operator	HR.	$198.12	$197.79
Equipment Rental	A015304	Dozer (rented), Medium, 105 Hp, w/ operator	HR.	$128.95	$128.63
Equipment Rental	A015305	Dozer (rented), Medium, 140 Hp, w/ operator	HR.	$148.32	$147.99
Equipment Rental	A015303	Dozer (rented), Small - Finish Work, 75 Hp, w/ operator	HR.	$101.29	$100.96
Equipment Rental	A015402	Dump Truck (rented), off-road, 25 ton capacity, w/ operator	HR.	$223.06	$222.80
Equipment Rental	A015400	Dump Truck (rented), tandum axle, 12 ton capacity, w/ operator	HR.	$70.91	$70.65
Equipment Rental	A015401	Dump Truck (rented), tri-axle, 12 ton capacity, w/ operator	HR.	$84.05	$83.79
Equipment Rental	A015302	Excavator (rented), Large, 1.5 CY Bucket, w/ operator	HR.	$180.32	$179.98
Equipment Rental	A015301	Excavator (rented), Medium, 1.0 CY Bucket, w/ operator	HR.	$147.81	$147.48
Equipment Rental	A015310	Excavator (rented), Medium, 3/4 CY Bucket, w/ operator	HR.	$137.44	$137.10
Equipment Rental	A015300	Excavator (rented), Small, 1/2 CY Bucket, w/ operator	HR.	$102.86	$102.52
Equipment Rental	A015403	Sheepsfoot Vibratory Roller (rented), 200 h.p., w/ operator	HR.	$208.49	$208.17
Equipment Rental	A015309	Skid Steer Loader (rented), Large, 78 Hp, 1.0 C.Y. Capacity, w/ operator	HR.	$79.57	$79.25
Equipment Rental	A015404	Smooth Drum Vibratory Roller (rented), 125 h.p., w/ operator	HR.	$140.02	$139.69
Equipment Rental	L015.6.9.15	Tandum Dump Truck, hired	HR.	$75.45	$75.45
Erosion Control	L014.10.2.2	Geojute Erosion Control Blanket	S.Y.	$1.60	$1.60
Erosion Control	L014.10.1.1	Geotextile (non-woven)	S.Y.	$1.80	$1.80
Erosion Control	L014.10.1.3	Geotextile (woven)	S.Y.	$2.50	$2.50
Erosion Control	L014.1.13.8	Hydroseeding / Mulching on critical area	ACRE	$2,600.00	$2,600.00
Erosion Control	L014.1.13.1	Mulch, hay -- hand applied	ACRE	$580.00	$580.00
Erosion Control	L014.1.13.9	Mulch, straw -- cost per 40 lb bale	EA.	$11.65	$11.65
Erosion Control	L014.10.2.3	Straw Erosion Control Blanket	S.Y.	$1.75	$1.75
Erosion Control	L014.1.13.10	Wood chips	S.Y.	$1.60	$1.60
Earthwork Borrow	L020.5.1.2	Borrow, 1.5" Crushed Stone, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$22.91	$22.58
Earthwork Borrow	L020.5.1.3	Borrow, 1.5" Crushed Stone, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$25.78	$25.41
Earthwork Borrow	L020.5.1.28	Borrow, 1.5" Crushed Stone, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$28.66	$28.25

2010 Vermont Component Average Cost Data (Burlington Zip Code Area 054)

UNIT DEFINITIONS: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour), **L.C.Y.** (Loose Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F. (1,000 board Feet)**

Earthwork Borrow	L020.5.1.1	Borrow, 1.5" Crushed Stone, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$21.47	$21.16
Earthwork Borrow	L020.5.1.32	Borrow, 1.5" Plant Mix, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$21.76	$21.45
Earthwork Borrow	L020.5.1.33	Borrow, 1.5" Plant Mix, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$24.63	$24.28
Earthwork Borrow	L020.5.1.34	Borrow, 1.5" Plant Mix, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$27.51	$27.12
Earthwork Borrow	L020.5.1.31	Borrow, 1.5" Plant Mix, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$20.32	$20.03
Earthwork Borrow	L020.5.1.5	Borrow, 3/4" Crushed Stone, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$25.21	$24.85
Earthwork Borrow	L020.5.1.6	Borrow, 3/4" Crushed Stone, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$28.08	$27.68
Earthwork Borrow	L020.5.1.29	Borrow, 3/4" Crushed Stone, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$30.96	$30.52
Earthwork Borrow	L020.5.1.4	Borrow, 3/4" Crushed Stone, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$23.77	$23.43
Earthwork Borrow	L020.5.1.20	Borrow, 3/4" Plant Mix, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$22.23	$21.91
Earthwork Borrow	L020.5.1.21	Borrow, 3/4" Plant Mix, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$25.10	$24.75
Earthwork Borrow	L020.5.1.30	Borrow, 3/4" Plant Mix, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$27.98	$27.58
Earthwork Borrow	L020.5.1.19	Borrow, 3/4" Plant Mix, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$20.79	$20.49
Earthwork Borrow	L020.5.1.8	Borrow, Bank Run Gravel, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$18.91	$18.64
Earthwork Borrow	L020.5.1.9	Borrow, Bank Run Gravel, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$21.78	$21.47
Earthwork Borrow	L020.5.1.35	Borrow, Bank Run Gravel, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$24.66	$24.30
Earthwork Borrow	L020.5.1.7	Borrow, Bank Run Gravel, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$17.47	$17.22
Earthwork Borrow	L020.5.1.17	Borrow, Bank Sand, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$18.91	$18.64
Earthwork Borrow	L020.5.1.18	Borrow, Bank Sand, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$21.78	$21.47
Earthwork Borrow	L020.5.1.36	Borrow, Bank Sand, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$24.66	$24.30
Earthwork Borrow	L020.5.1.16	Borrow, Bank Sand, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$17.47	$17.22
Earthwork Borrow	L020.5.1.11	Borrow, Common Fill-incl. Clay, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$13.98	$13.78
Earthwork Borrow	L020.5.1.12	Borrow, Common Fill-incl. Clay, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$16.86	$16.62
Earthwork Borrow	L020.5.1.37	Borrow, Common Fill-incl. Clay, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$19.73	$19.45
Earthwork Borrow	L020.5.1.10	Borrow, Common Fill-incl. Clay, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$12.55	$12.37
Earthwork Borrow	L020.5.1.26	Borrow, Rock RipRap, 10 mile round trip (0.8 hrs)	C.Y.	$24.61	$24.26
Earthwork Borrow	L020.5.1.27	Borrow, Rock RipRap, 20 mile round trip (1.2 hrs)	C.Y.	$27.49	$27.09
Earthwork Borrow	L020.5.1.38	Borrow, Rock RipRap, 30 mile round trip (1.6 hrs)	C.Y.	$30.36	$29.93
Earthwork Borrow	L020.5.1.25	Borrow, Rock RipRap, 5 mile round trip (0.6 hrs)	C.Y.	$23.17	$22.84
Earthwork Borrow	L020.5.1.14	Borrow, Washed Mfg. Sand, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	$28.31	$27.91
Earthwork Borrow	L020.5.1.15	Borrow, Washed Mfg. Sand, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	$31.19	$30.74
Earthwork Borrow	L020.5.1.39	Borrow, Washed Mfg. Sand, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	$34.06	$33.58
Earthwork Borrow	L020.5.1.13	Borrow, Washed Mfg. Sand, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	$26.88	$26.49
Earthwork Borrow	A023299	Hauling, Borrow, 1/2 mi. RT, Off Road Truck, inc. loading & spread w/ dozer, no mat. $	C.Y.	$13.54	$13.51
Earthwork Borrow	A023310	Hauling, Borrow, 10 mi. RT, inc. loading & spread w/ dozer, no mat. $	C.Y.	$10.77	$10.75
Earthwork Borrow	A023300	Hauling, Borrow, 2 mi. RT, inc. loading & spread w/ dozer, no mat. $	C.Y.	$8.60	$8.58
Earthwork Borrow	A023315	Hauling, Borrow, 20 mi. RT, inc. loading & spread w/ dozer, no mat. $	C.Y.	$13.66	$13.64
Earthwork Borrow	A023305	Hauling, Borrow, 5 mi. RT, inc. loading & spread w/ dozer, no mat. $	C.Y.	$9.33	$9.31
Earthwork Borrow	02 315 492 1414	Hauling, loose cubic yards, 1/4 mile round trip, 12 C.Y. dump truck, excludes loading	L.C.Y.	$6.01	$5.99
Earthwork Borrow	02 315 492 1416	Hauling, loose cubic yards, 1 mile round trip, 12 C.Y. dump truck, excludes loading	L.C.Y.	$6.39	$6.36
Earthwork Borrow	02 055 150 0800	Topsoil, weed free, spread with dozer, includes load and haul, approx.15 miles RT.	C.Y.	$29.90	$28.99
Excavation	02 315 416 2900	Drilling & blasting rock- boulders, drilled and blasted (min. 100 C.Y.)	C.Y.	$28.42	$28.27
Excavation	02 315 416 0020	Drilling & blasting rock- open face (min. 225 C.Y., max. 1500 C.Y.)	C.Y.	$13.76	$13.67
Excavation	02 315 416 0200	Drilling & blasting rock- w/ blasting mats (min. 175 C.Y., max. 1500 C.Y.)	C.Y.	$17.08	$16.98
Excavation	02 315 416 1300	Drilling & blasting rock-deep hole method (min. 50 C.Y., max. 1500 C.Y.)	C.Y.	$54.75	$54.49

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Excavation	02 315 416 1900	Drilling & blasting rock-restricted areas (min. 13 C.Y., max. 1500 C.Y.)	C.Y.	$205.17	$204.29
Excavation	02 315 424 1500	Excavating, bulk, 3/4 C.Y. capacity = 45 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	$2.33	$2.32
Excavation	02 315 424 0200	Excavating, bulk, 1 C.Y. capacity = 75 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	$2.38	$2.37
Excavation	02 315 424 0250	Excavating, bulk, 1-1/2 C.Y. cap. = 100 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	$2.18	$2.17
Excavation	02 315 424 0260	Excavating, bulk, 2 C.Y. cap. = 130 C.Y./hour, backhoe, hydraulic, crawler mounted	C.Y.	$1.92	$1.92
Excavation	02 315 432 3240	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 150' haul	C.Y.	$7.77	$7.74
Excavation	02 315 432 3340	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 300' haul	C.Y.	$13.22	$13.16
Excavation	02 315 432 4240	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 150' push	C.Y.	$6.09	$6.07
Excavation	02 315 432 4440	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 300' push	C.Y.	$11.65	$11.60
Excavation	02 315 432 3220	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 150' haul	C.Y.	$4.90	$4.88
Excavation	02 315 432 3320	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 300' haul	C.Y.	$11.02	$10.97
Excavation	02 315 432 4220	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 150' push	C.Y.	$3.84	$3.82
Excavation	02 315 432 4420	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 300' push	C.Y.	$7.33	$7.30
Excavation	02 315 432 3200	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 150' haul, dozer	C.Y.	$4.26	$4.24
Excavation	02 315 432 3300	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 300' haul, dozer	C.Y.	$9.44	$9.40
Excavation	02 315 432 4200	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 150' haul, dozer	C.Y.	$3.34	$3.32
Excavation	02 315 432 4400	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 300' haul, dozer	C.Y.	$6.39	$6.37
Excavation	02 315 462 6040	Excavating, structural, bank measure, common earth, 1 C.Y. bucket, hydr. backhoe	C.Y.	$15.27	$15.21
Excavation	02 315 462 6110	Excavating, structural, clay, till or blasted rock, 3/4 C.Y. bucket, hydr. backhoe	B.C.Y.	$18.93	$18.85
Excavation	02 315 462 6120	Excavating, structural, clay, till or blasted rock, 1 C.Y. bucket, hydr. backhoe	B.C.Y.	$17.36	$17.29
Excavation	02 315 610 0910	Excavating, trench, 10' to 14' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	$5.29	$5.27
Excavation	02 315 610 0110	Excavating, trench, 4' to 6' deep, 3/4 C.Y. bucket, expose pipe, hydraulic backhoe	C.Y.	$5.82	$5.79
Excavation	02 315 610 0100	Excavating, trench, 4' to 6' deep, 5/8 C.Y. bucket, hydraulic backhoe	C.Y.	$6.42	$6.40
Excavation	02 315 610 0510	Excavating, trench, 6' to 10' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	$4.74	$4.72
Excavation	02 315 610 0500	Excavating, trench, 6' to 10' deep, 3/4 C.Y. bucket, hydraulic backhoe	C.Y.	$7.75	$7.72
Excavation	02 315 610 0060	Excavating, trench, common earth, 1' to 4' deep, 1/2 C.Y. cap., tractor loader/backhoe	C.Y.	$6.84	$6.81
Excavation	A023150	Excavation-Rock, drilling, blasting, hauling away 4 mi RT, >225 C.Y.	C.Y.	$45.40	$45.18
Excavation	A023155	Excavation-Rock, ripped w/ dozer	C.Y.	$23.30	$23.21
Excavation	02 910 810 0400	Loam or topsoil, F.E. loader, remove, stockpile on site, spread frm pile to rough grade	C.Y.	$4.57	$4.56
Excavation	02 230 500 0100	Stripping, topsoil, sandy loam, adverse cond., 200 H.P. dozer, stripping and stockpile	C.Y.	$1.71	$1.70
Excavation	02 230 500 0020	Stripping, topsoil, sandy loam, ideal conditions, 200 H.P. dozer, stripping & stockpile	C.Y.	$0.87	$0.86
Excavation	02 230 500 0600	Topsoil stripping and stockpiling, clay, dry and soft, ideal conditions, 200 H.P. dozer	C.Y.	$1.24	$1.24
Excavation	02 230 500 1420	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer, 6" deep, 200' haul	C.Y.	$2.28	$2.27
Excavation	02 230 500 1430	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer, 6" deep, 300' haul	C.Y.	$3.78	$3.76
Excavation	02 230 500 0700	Topsoil stripping and stockpiling, topsoil, clay, dry and soft,adverse conditions, 200 H.P. dozer	C.Y.	$2.45	$2.44
Misc. Earthwork	02 315 110 1300	Backfill, bulk, up to 300' haul, dozer backfilling, excludes compaction	C.Y.	$1.65	$1.64
Misc. Earthwork	02 315 110 2300	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with sheepsfoot roller	C.Y.	$3.99	$3.98
Misc. Earthwork	02 315 110 2200	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with vibrating roller	C.Y.	$3.60	$3.59
Misc. Earthwork	02 315 640 0050	Bedding, for pipe and conduit, crushed or screened bank run gravel, exc. compaction	C.Y.	$29.00	$28.55
Misc. Earthwork	02 315 320 0100	Compaction, structural, 10 tons, steel wheel tandem roller	Hr.	$99.14	$98.74
Misc. Earthwork	02 315 320 0020	Compaction, structural, 5 tons, steel wheel tandem roller	Hr.	$86.10	$85.75
Misc. Earthwork	02 315 320 0300	Compaction, structural, common fill, 8" lifts, sheepsfoot or wobbly wheel roller	C.Y.	$1.57	$1.56
Misc. Earthwork	02 315 320 0600	Compaction, structural, common fill, 8" lifts, vibratory plate	C.Y.	$2.14	$2.13
Misc. Earthwork	02 240 500 0600	Dewatering, pumping, 8 hr., attended 2 hours per day, 2" diaphragm pump	Day	$145.94	$145.19
Misc. Earthwork	02 240 500 0800	Dewatering, pumping, 8 hr., attended 8 hours per day, 2" diaphragm pump	Day	$585.89	$582.88

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Misc. Earthwork	02 315 640 0500	Fill by borrow and utility bedding, for pipe and conduit, compacting bedding in trench	C.Y.	$4.77	$4.75
Misc. Earthwork	02 315 640 0100	Fill by borrow and utility bedding, for pipe and conduit, crushed stone, 3/4" to 1/2", excludes compaction	C.Y.	$36.14	$35.52
Misc. Earthwork	02 315 640 0200	Fill by borrow and utility bedding, for pipe and conduit, sand, dead or bank, excludes compaction	C.Y.	$18.69	$18.47
Misc. Earthwork	02 310 100 0100	Fine grade, for roadway, large area, 6,000 S.Y. or more	S.Y.	$0.82	$0.82
Misc. Earthwork	02 310 100 0012	Fine grading, finish grading, small area, to be paved with grader	S.Y.	$4.15	$4.14
Misc. Earthwork	02 305 250 0020	Mob. or demob. dozer, loader, backhoe or excavator, 70 H.P. to 250 H.P., up to 50 mi.	Ea.	$268.37	$267.28
Misc. Earthwork	02 305 250 0100	Mob. or demob., dozer, loader, backhoe or excavator, above 250 H.P., up to 50 miles	Ea.	$511.45	$509.37
Misc. Earthwork	02 305 250 1150	Mobilization or demobilization, for small equipment on flatbed trailer, maximum	Ea.	$176.09	$175.37
Farming Practices	L014.1.14.2	Broadcasting Seed (not including seed)	ACRE	$12.00	$12.00
Farming Practices	L014.1.14.3	Broadcasting Seed, (by hand) (Not including seed)	ACRE	$10.50	$10.50
Farming Practices	L014.1.14.6	Broadcasting Seed, w/ ATV (Not including seed)	ACRE	$8.00	$8.00
Farming Practices	L014.3.1.0	Chisel Plow	ACRE	$17.00	$17.00
Farming Practices	L014.3.1.8	Conventional Seeding (alfalfa, clover, etc., not including seed)	ACRE	$17.00	$17.00
Farming Practices	L014.3.1.7	Cultivating	ACRE	$15.00	$15.00
Farming Practices	L014.3.1.15	Deep plowing (10" or more)	ACRE	$21.50	$21.50
Farming Practices	L014.3.1.3	Disc Harrow in tandem w/cultipacker	ACRE	$17.00	$17.00
Farming Practices	L014.3.1.1	Disk Plow	ACRE	$17.00	$17.00
Farming Practices	L014.3.1.11	Disking, Tandem	ACRE	$15.00	$15.00
Farming Practices	L014.3.1.21	Drill Small Grains, Conventional Till	ACRE	$16.00	$16.00
Farming Practices	L014.3.1.22	Drill Small Grains, Minimum Till	ACRE	$17.50	$17.50
Farming Practices	L014.3.4.2	Farm tractor with implement, labor, fuel (140 hp)	HR.	$85.00	$85.00
Farming Practices	L014.3.4.3	Farm tractor with implement, labor, fuel (225 hp)	HR.	$120.00	$120.00
Farming Practices	L014.3.4.1	Farm tractor with implement, labor, fuel (75 hp or less)	HR.	$55.00	$55.00
Farming Practices	L014.3.1.2	Harrowing	ACRE	$15.00	$15.00
Farming Practices	L014.3.1.20	Harrowing, Spring Tooth	ACRE	$14.00	$14.00
Farming Practices	L014.3.1.14	Manure loading, solid manure	HR.	$46.00	$46.00
Farming Practices	L014.3.1.13	Manure pumping	HR.	$35.00	$35.00
Farming Practices	L014.3.1.12	Manure spreading (liquid manure)	HR.	$73.00	$73.00
Farming Practices	L014.3.1.24	Manure spreading - Injecting Liquid Manure	GAL.	$0.01	$0.01
Farming Practices	L014.3.3.1	Manure spreading (solid manure)	HR.	$50.00	$50.00
Farming Practices	L014.3.1.5	Molboard plow (sod)	ACRE	$22.50	$22.50
Farming Practices	L014.3.1.4	Molboard plow (stubble)	ACRE	$20.00	$20.00
Farming Practices	L014.3.2.1	Mowing Hay	ACRE	$15.00	$15.00
Farming Practices	L014.3.2.2	Mowing/conditioning	ACRE	$15.00	$15.00
Farming Practices	L014.3.1.9	No-till drill	ACRE	$18.50	$18.50
Farming Practices	L014.3.1.17	No-till planter	ACRE	$19.00	$19.00
Farming Practices	L014.3.2.3	Raking Hay	ACRE	$10.00	$10.00
Farming Practices	L014.3.1.16	Rotary Mower	HR.	$12.00	$12.00
Farming Practices	L014.3.1.18	Side dressing (fertilizer not included)	ACRE	$10.50	$10.50
Farming Practices	L014.3.3.2	Speading Lime (lime not included)	ACRE	$13.00	$13.00
Farming Practices	L014.3.3.4	Spraying for weed control (chemicals not included)	ACRE	$10.50	$10.50
Farming Practices	L014.3.3.3	Spreading bulk dry fertilizer (not including fertilizer)	ACRE	$10.00	$10.00
Farming Practices	L014.3.1.19	Spreading bulk liquid fertilizer (not including fertilizer)	ACRE	$12.00	$12.00
Farming Practices	L014.3.2.23	Stalk Shredding, PTO	ACRE	$15.00	$15.00
Fencing	L014.7.1.22	Brace, Corner Type, Fence	EA.	$150.00	$150.00

2010 Vermont Component Average Cost Data (Burlington Zip Code Area 054)

UNIT DEFINITIONS: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour), **L.C.Y.** (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F. (1,000 board Feet)**

Fencing	L014.7.1.23	Brace, End Type, Fence	EA.	$110.00	$110.00
Fencing	L014.7.1.6	Fence, Barbed Wire, 3 strand	L.F.	$2.50	$2.50
Fencing	L014.7.1.7	Fence, Barbed Wire, 4 strand	L.F.	$3.00	$3.00
Fencing	02 820 140 0050	Fence, Chain Link, 5' high, 1 5/8" posts 10' o.c.	L.F.	$9.43	$9.43
Fencing	02 820 140 0100	Fence, Chain Link, 6' high, 1 5/8" posts 10' o.c.	L.F.	$13.79	$13.71
Fencing	L014.7.1.2	Fence, Electric, 2 strand (Non High Tensile)	L.F.	$1.15	$1.15
Fencing	L014.7.1.35	Fence, Electric, 2 strand (temporary fencing)	L.F.	$0.35	$0.35
Fencing	L014.7.1.9	Fence, High Tensile, 2 strand	L.F.	$1.50	$1.50
Fencing	L014.7.1.10	Fence, High Tensile, 3 strand	L.F.	$1.60	$1.60
Fencing	L014.7.1.11	Fence, High Tensile, 4 strand	L.F.	$2.00	$2.00
Fencing	L014.7.1.12	Fence, High Tensile, 5 strand	L.F.	$2.25	$2.25
Fencing	L014.7.1.13	Fence, High Tensile, 6 strand	L.F.	$2.55	$2.55
Fencing	L014.7.1.4	Fence, Wood, 3 board	L.F.	$6.20	$6.20
Fencing	L014.7.1.24	Fencing Energizer	EA.	$550.00	$550.00
Fencing	L014.7.1.25	Fencing Solar Panel, 18 watt	EA.	$300.00	$300.00
Fencing	L014.7.1.17	Fencing, Deer Net, 8ft	L.F.	$0.80	$0.80
Fencing	L014.7.1.18	Fencing, Poly Net (sheep & chickens)	L.F.	$1.15	$1.15
Fencing	L014.7.1.19	Fencing, Poly Wire	L.F.	$0.05	$0.05
Fencing	L014.7.1.3	Fencing, Portable Battery Energizer (Use with Solar Panel)	EA.	$235.00	$235.00
Fencing	L014.7.1.20	Fence, Ribbon Fence (for horses - 3 ribbons with posts)	L.F.	$1.65	$1.65
Fencing	L014.7.1.16	Fencing, Steel wire (Electric) 12.5 gauge	L.F.	$0.07	$0.07
Fencing	L014.7.1.15	Fencing, Woven wire, 4ft, 4"x4"	L.F.	$1.30	$1.30
Fencing	L014.7.2.2	Gate, Fence, heavy duty	L.F.	$16.00	$16.00
Fencing	L014.7.2.1	Gate, Fence, light duty	L.F.	$9.00	$9.00
Fencing	L014.7.2.4	Gate, Fence, Spring Type, 2 Wire	EA.	$25.00	$25.00
Fencing	L014.7.1.30	Handle for Gate	EA.	$5.00	$5.00
Fencing	L014.7.1.31	Post Hole Digging	EA.	$4.30	$4.30
Fencing	L014.7.1.26	Post, Fence, Cedar 6 ft	EA.	$2.50	$2.50
Fencing	L014.7.1.27	Post, Fence, Pressure Treated 4x4x8	EA.	$10.00	$10.00
Fencing	L014.7.1.32	Post, Fence, Wood/Plastic Composite Line Post	EA.	$9.45	$9.45
Fencing	L014.7.1.34	Post, Portable	EA.	$3.00	$3.00
Fencing	L014.25.1.4	Remove old Fenceline (3-6' wide)	L.F.	$0.50	$0.50
Fencing	L014.24.12.2	Safety Signs, Structure, attached to fence	EA.	$26.00	$26.00
Fertilizer	L014.1.2.8	Ammonium sulfate (NH4) 2S04 0-0-20 w/24% sulfer	TON	$380.00	$380.00
Fertilizer	L014.1.2.9	DAP 18-46-0	TON	$490.00	$490.00
Fertilizer	L014.1.2.51	DAP 18-46-0 (25-50# bags)	LB	$0.26	$0.26
Fertilizer	L014.1.2.1	Fertilizer 0-10-40- .2 boron	TON	$656.00	$656.00
Fertilizer	L014.1.2.59	Fertilizer 0-10-40- .2 boron (25-50# bags)	LB	$0.33	$0.33
Fertilizer	L014.1.2.2	Fertilizer 10-10-10	TON	$350.00	$350.00
Fertilizer	L014.1.2.3	Fertilizer 10-10-10 (25-50# bags)	LB	$0.19	$0.19
Fertilizer	L014.1.2.4	Fertilizer 10-20-10	TON	$405.00	$405.00
Fertilizer	L014.1.2.46	Fertilizer 10-20-10 (25-50# bags)	LB	$0.22	$0.22
Fertilizer	L014.1.2.43	Fertilizer 10-20-20	TON	$500.00	$500.00
Fertilizer	L014.1.2.44	Fertilizer 10-20-20 (25-50# bags)	LB	$0.28	$0.28
Fertilizer	L014.1.2.45	Fertilizer 10-20-20-1.2 magnesium	TON	$520.00	$520.00

2010 Vermont Component Average Cost Data (Burlington Zip Code Area 054)

UNIT DEFINITIONS: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour), **L.C.Y.** (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F. (1,000 board Feet)**

Fertilizer	L014.1.2.37	Fertilizer 10-6-4	TON	$275.00	$275.00
Fertilizer	L014.1.2.38	Fertilizer 10-6-4 (25-50# bags)	LB	$0.16	$0.16
Fertilizer	L014.1.2.39	Fertilizer 15-15-15	TON	$460.00	$460.00
Fertilizer	L014.1.2.40	Fertilizer 15-15-15 (25-50# bags)	LB	$0.25	$0.25
Fertilizer	L014.1.2.41	Fertilizer 19-19-19	TON	$560.00	$560.00
Fertilizer	L014.1.2.42	Fertilizer 19-19-19 (25-50# bags)	LB	$0.30	$0.30
Fertilizer	L014.1.2.53	Fertilizer 21-0-0	TON	$350.00	$350.00
Fertilizer	L014.1.2.54	Fertilizer 21-0-0 (25-50# bags)	LB	$0.19	$0.19
Fertilizer	L014.1.2.7	Fertilizer 23-12-18	TON	$560.00	$560.00
Fertilizer	L014.1.2.49	Fertilizer 23-12-18 (25-50# bags)	LB	$0.29	$0.29
Fertilizer	L014.1.2.63	Fertilizer 5-10-10	TON	$315.00	$315.00
Fertilizer	L014.1.2.64	Fertilizer 5-10-10 (25-50# bags)	LB	$0.17	$0.17
Fertilizer	L014.1.2.61	Fertilizer 5-10-5	TON	$275.00	$275.00
Fertilizer	L014.1.2.62	Fertilizer 5-10-5 (25-50# bags)	LB	$0.16	$0.16
Fertilizer	L014.1.2.65	Fertilizer 5-20-20	TON	$500.00	$500.00
Fertilizer	L014.1.2.36	Fertilizer 5-20-20 (25-50# bags)	LB	$0.27	$0.27
Fertilizer	L014.1.2.47	Fertilizer 5-8-12	TON	$390.00	$390.00
Fertilizer	L014.1.2.50	Fertilizer 5-8-12 (25-50# bags)	LB	$0.22	$0.22
Fertilizer	L014.1.2.13	Lime (calcium) delivered and spread	TON	$50.00	$50.00
Fertilizer	L014.1.2.14	Lime (calcium) in bags	TON	$230.00	$230.00
Fertilizer	L014.1.2.16	MAP 11-52-0	TON	$495.00	$495.00
Fertilizer	L014.1.2.48	MAP 11-52-0 (25-50# bags)	LB	$0.26	$0.26
Fertilizer	L014.1.2.26	Potash 0-0-60	TON	$795.00	$795.00
Fertilizer	L014.1.2.68	Potash 0-0-60 (25-50# bags)	LB	$0.41	$0.41
Fertilizer	L014.1.2.28	Urea 46-0-0	TON	$450.00	$450.00
Fertilizer	L014.1.2.58	Urea 46-0-0 (25-50# bags)	LB	$0.24	$0.24
Fuel Containment	A132530	Fuel Storage Structure 1000gal, - septic tank, posts, roof & lattice	E.A.	$4,950.21	$4,532.92
Fuel Containment	A132520	Fuel Storage Structure 275 gal, - septic tank, posts, roof & lattice	E.A.	$3,121.80	$2,865.35
Fuel Containment	A132525	Fuel Storage Structure 500 or 550gal, - septic tank, posts, roof & lattice	E.A.	$3,451.85	$3,152.89
Fuel Containment	13 201 300 3330	Fuel Tank, steel, above grd, double wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	$10,831.77	$10,650.68
Fuel Containment	13 201 300 3320	Fuel Tank, steel, above grd, double wall, 500 gal, incl. cradles, coating & fittings	Ea.	$3,346.36	$3,189.79
Fuel Containment	13 201 300 3080	Fuel Tank, steel, above grd, single wall, 1,000 gal, incl. cradles, coating & fittings	Ea.	$3,902.23	$3,751.78
Fuel Containment	13 201 300 3100	Fuel Tank, steel, above grd, single wall, 1,500 gal, incl. cradles, coating & fittings	Ea.	$5,754.33	$5,595.70
Fuel Containment	13 201 300 3120	Fuel Tank, steel, above grd, single wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	$6,523.73	$6,360.35
Fuel Containment	13 201 300 3040	Fuel Tank, steel, above grd, single wall, 275 gal, incl. cradles, coating & fittings	Ea.	$639.42	$563.86
Fuel Containment	13 201 300 3060	Fuel Tank, steel, above grd, single wall, 550 gal, incl. cradles, coating & fittings	Ea.	$3,151.07	$3,011.51
Geotextile	L014.10.2.2	Geojute Erosion Control Blanket	S.Y.	$1.60	$1.60
Geotextile	L014.10.1.1	Geotextile (non-woven)	S.Y.	$1.80	$1.80
Geotextile	L014.10.1.3	Geotextile (woven)	S.Y.	$2.50	$2.50
Geotextile	A027450	Liner, pond, LLDPE, 40 mil., incl. sand cushion, geotextile, liner & inst.	S.F.	$1.79	$1.79
Geotextile	L014.10.3.3	Liner, pond, LLDPE, 40 mil., includes geotextile, up to two boots, field welding, typ. prep. work	S.F.	$1.25	$1.25
Geotextile	L014.10.2.3	Straw Erosion Control Blanket	S.Y.	$1.75	$1.75
Geotextile	02 370 700 0100	Synthetic erosion control, plastic netting, 20 mil, 2" x 1" mesh, stapled	S.Y.	$0.90	$0.89
Geotextile	02 370 700 1100	Synthetic erosion control, silt fence, polypropylene, adverse conditions, 3' high	L.F.	$1.10	$1.09
Geotextile	02 370 700 1000	Synthetic erosion control, silt fence, polypropylene, ideal conditions, 3' high	L.F.	$0.78	$0.77

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Grazing	L014.25.1.3	"T" Post, 8' galvanized	EA.	$14.00	$14.00
Grazing	L014.25.5.14	1 1/4" Check Valve	EA.	$39.00	$39.00
Grazing	L014.25.5.5	3/4" Check Valve	EA.	$27.00	$27.00
Grazing	L014.16.2.8	Clamp, Stainless Steel, 3/4"	EA.	$1.00	$1.00
Grazing	L014.25.5.3	Coupling/Hydrant	EA.	$33.00	$33.00
Grazing	L014.25.1.2	Float Valve Assembly - not installed	EA.	$27.00	$27.00
Grazing	L014.25.5.0	Heat Tube	EA.	$80.00	$80.00
Grazing	L014.25.1.0	Hydrant, Frost Free - installed	EA.	$247.00	$247.00
Grazing	L014.25.1.1	Hydrant, Frost Free Hydrant - material cost only	EA.	$55.00	$55.00
Grazing	L014.25.5.4	Lead out hose	EA.	$30.00	$30.00
Grazing	L014.25.5.13	Lightning Choke	EA.	$12.00	$12.00
Grazing	L014.25.5.7	Pasture Irrigation System - 40 mm low density poly pipe	L.F.	$0.83	$0.83
Grazing	L014.25.5.8	Pasture Irrigation System - 40 mm pipe union	EA.	$24.00	$24.00
Grazing	L014.25.5.15	Pasture Irrigation System - all components excluding pump	ACRE	$350.00	$350.00
Grazing	L014.25.5.10	Pasture Irrigation System - Hook caps (for end of lines)	EA.	$14.25	$14.25
Grazing	L014.25.5.9	Pasture Irrigation System - Male adapters for 1&1/2 " pipe tread	EA.	$12.00	$12.00
Grazing	L014.25.5.6	Pasture Irrigation System - Pod kit with Nozzel	EA.	$88.50	$88.50
Grazing	L014.25.5.11	Pasture Irrigation System - Pressure indicator	EA.	$12.00	$12.00
Grazing	L014.25.5.12	Pasture Irrigation System - straight couplings	EA.	$16.00	$16.00
Grazing	L014.16.2.2	Pipeline, Black Poly, 1", 100 psi, material cost only	L.F.	$0.70	$0.70
Grazing	L014.16.2.3	Pipeline, Black Poly, 1", 160 psi, material cost only	L.F.	$0.65	$0.65
Grazing	L014.16.2.4	Pipeline, Black Poly, 1-1/4", 160 psi, material cost only	L.F.	$1.25	$1.25
Grazing	L014.16.2.5	Pipeline, Black Poly, 1-1/2", 160 psi, material cost only	L.F.	$1.09	$1.09
Grazing	L014.16.2.7	Pipeline, Black Poly, 2", 100 psi, material cost only	L.F.	$1.26	$1.26
Grazing	L014.16.2.6	Pipeline, Black Poly, 2", 160 psi, material cost only	L.F.	$1.68	$1.68
Grazing	L014.16.2.0	Pipeline, Black Poly, 3/4", 100 psi, material cost only	L.F.	$0.35	$0.35
Grazing	L014.16.2.1	Pipeline, Black Poly, 3/4", 160 psi, material cost only	L.F.	$0.55	$0.55
Grazing	L014.25.6.1	Pump, Electric, 5hp	EA.	$300.00	$300.00
Grazing	L014.25.6.4	Pump, HydroRam 2"	EA.	$500.00	$500.00
Grazing	L014.25.6.2	Pump, HydroRam, 1"	EA.	$325.00	$325.00
Grazing	L014.25.6.3	Pump, HydroRam, 1-1/2"	EA.	$425.00	$425.00
Grazing	L014.25.6.5	Pump, Nose Operated, Pasture	EA.	$435.00	$435.00
Grazing	L014.25.6.8	Pump, Nose Operated, Pasture - Frost Free (installed)	EA.	$1,200.00	$1,200.00
Grazing	L014.25.6.7	Pump, Solar, w/ 2 panels	EA.	$1,830.00	$1,830.00
Grazing	L014.25.6.6	Pump, Water, Permanently Mounted	EA.	$635.00	$635.00
Grazing	L014.16.2.9	Trench, shallow for buried pipeline (installed w/ plow or back blade)	L.F.	$0.75	$0.75
Grazing	L014.25.5.2	Valve, Quick Coupler (male + female)	EA.	$18.00	$18.00
Grazing	L014.25.5.1	Valve, Vacuum or Pressure Relief	EA.	$20.00	$20.00
Grazing	L014.25.3.1	Water Facility -1000 gal water tank not installed	EA.	$500.00	$500.00
Grazing	L014.25.3.2	Water Facility - Heated - Insulated Livestock Waterer	EA.	$600.00	$600.00
Grazing	L014.25.3.0	Water Stock Tank, Galvanized Steel- 103 Gallon	EA.	$95.00	$95.00
Grazing	L014.25.3.6	Water Stock Tank, Galvanized Steel- 169 Gallon	EA.	$135.00	$135.00
Grazing	L014.25.3.7	Water Stock Tank, Galvanized Steel- 200 Gallon	EA.	$150.00	$150.00
Grazing	L014.25.3.4	Water Stock Tank, Galvanized Steel- 294 Gallon	EA.	$205.00	$205.00
Grazing	L014.25.3.5	Water Stock Tank, Galvanized Steel- 70 Gallon	EA.	$85.00	$85.00

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Grazing	L014.25.3.8	Water Stock Tank, Movable 35 Gal Polyethylene Barrel, Used	EA.	$25.00	$25.00
Grazing	L014.25.3.11	Water Stock Tank, Polyethylene- 100 Gallon	EA.	$105.00	$105.00
Grazing	L014.25.3.12	Water Stock Tank, Polyethylene- 150 Gallon	EA.	$165.00	$165.00
Grazing	L014.25.3.13	Water Stock Tank, Polyethylene- 300 Gallon	EA.	$250.00	$250.00
Grazing	L014.25.3.9	Water Stock Tank, Polyethylene- 50 Gallon	EA.	$85.00	$85.00
Grazing	L014.25.3.10	Water Stock Tank, Polyethylene- 70 Gallon	EA.	$90.00	$90.00
Grazing	L014.23.5.7	Water Tank Valve, w/ mounting brackets	EA.	$40.00	$40.00
Infiltration Area	02 540 400 2800	Crushed stone for trench, 3/4", excludes excavation, piping & fabric	C.Y.	$42.28	$36.23
Infiltration Area	02 540 400 2400	Excavate trench for disposal field, 4' wide, w/ backhoe	L.F.	$3.00	$2.22
Infiltration Area	L023.10.1.4	Geotextile - Non Woven	S.Y.	$2.07	$2.06
Infiltration Area	A025325	Infiltration Chamber- excav., chamber, stone, pipe, geotextile & backfill included	L.F.	$42.38	$38.79
Infiltration Area	A025320	Infiltration trench - excav., stone, pipe, geotextile & backfill included	L.F.	$22.56	$21.53
Infiltration Area	L025.6.7.1	Leaching Camber - material cost only	L.F.	$19.81	$17.26
Infiltration Area	02 530 780 2000	Pipe - PVC, Perforated, 4" diameter, SDR 35, excludes excavation or backfill	L.F.	$3.77	$3.06
Insulation	07 210 900 2100	Wall Insulation, Rigid, expanded polystyrene, 1" thick, R3.85	S.F.	$0.72	$0.63
Insulation	07 210 900 2120	Wall Insulation, Rigid, expanded polystyrene, 2" thick, R7.69	S.F.	$1.18	$1.08
Insulation	07 210 900 2140	Wall Insulation, Rigid, expanded polystyrene, 3" thick, R11.49	S.F.	$1.61	$1.51
Agricultural Labor	L014.6.13.4	Labor, Building Fence	HR.	$17.00	$17.00
Agricultural Labor	L014.6.13.3	Labor, Operating Machinery	HR.	$14.50	$14.50
Agricultural Labor	L014.1.18.30	Labor - Consulting Forester	EA.	$50.00	$50.00
Agricultural Labor	L014.6.13.1	Labor, unskilled	HR.	$11.00	$11.00
Agricultural Labor	L014.6.13.2	Labor, unskilled w/ chainsaw	HR.	$24.50	$24.50
Lanes & Roads	A020219	Walkway, 4' wide, strip, geotextile fabric, 8" stone.	L.F.	$10.35	$10.28
Lanes & Roads	A020220	Lane, 8' wide, strip, geotextile fabric, 8" gravel, seeding - incls. Mob.	L.F.	$17.01	$16.89
Lanes & Roads	A020221	Lane, 8' wide, strip, geotextile fabric, 12" gravel, seeding - incls. Mob.	L.F.	$19.81	$19.65
Lanes & Roads	A020240	Lane, 12' wide, strip, geotextile fabric, 8" gravel, seeding - incls. Mob.	L.F.	$23.23	$23.07
Lanes & Roads	A020241	Lane, 12' wide, strip, geotextile fabric, 12" gravel, seeding - incls. Mob.	L.F.	$27.41	$27.19
Lanes & Roads	A020170	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed & Mob.	L.F.	$26.87	$26.66
Lanes & Roads	A020171	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 18" gravel, seed & Mob.	L.F.	$33.15	$32.84
Lanes & Roads	A020172	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed.	L.F.	$26.34	$26.12
Lanes & Roads	A020173	Access Road, 12' wide w/ 1' sholders, strip, fabric, 18" gravel, seed.	L.F.	$32.61	$32.31
Lanes & Roads	A020190	Access Road, 16' wide, strip, geotextile fabric, 12" gravel, seed - incls. Mob.	L.F.	$35.34	$35.05
Lanes & Roads	A020191	Access Road, 16' wide, strip, geotextile fabric, 18" gravel, seed - incls. Mob.	L.F.	$43.70	$43.29
Lanes & Roads	A020192	Access Road, 16' wide, strip, geotextile fabric, 12" gravel & seed.	L.F.	$34.80	$34.52
Lanes & Roads	A020193	Access Road, 16' wide, strip, geotextile fabric, 18" gravel & seed	L.F.	$43.17	$42.76
Lumber	15 830 100 8540	Hopper Bldg Exhaust Fan, 800 cfm, 1/12 h.p.	Ea.	$991.03	$986.03
Lumber	A061460	Hopper Building, w/ slab, frost wall, windows, metal roof & exhaust fan	S.F.	$70.02	$63.14
Lumber	A061470	Hopper Building, wood structure, no conc., metal roof, window, exhaust fan.	Ea.	$5,039.43	$4,765.38
Lumber	06 110 552 0530	Lattice, pressure treated, HD, installed	S.F.	$1.10	$1.02
Lumber	A061541	Lumber, Pressure treated , 2" x 4", installed	L.F.	$0.34	$0.32
Lumber	A061542	Lumber, Pressure treated , 2" x 6", installed	L.F.	$0.55	$0.51
Lumber	A061543	Lumber, Pressure treated , 2" x 8", installed	L.F.	$1.01	$0.96
Lumber	A061544	Lumber, pressure treated , 2" x 10", installed	L.F.	$1.33	$1.25
Lumber	A061545	Lumber, pressure treated , 2" x 12", installed	L.F.	$1.77	$1.67
Lumber	A061546	Lumber, Pressure treated , 4" x 4", installed	L.F.	$0.55	$0.51

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UNIT DEFINITIONS: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour), **L.C.Y.** (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F. (1,000 board Feet)**

Lumber	A061547	Lumber, Pressure treated , 4" x 6", installed	L.F.	$1.01	$0.96
Lumber	A061548	Lumber, pressure treated , 4" x 8", installed	L.F.	$1.33	$1.25
Lumber	A061540	Lumber, Pressure Treated, 6x6, installed as post or column	L.F.	$6.06	$5.59
Lumber	A061535	Lumber, Pressure Treated, 8x8, installed as post or column	L.F.	$10.61	$9.81
Lumber	A061530	Lumber, Pressure Treated, 10x10, installed as post or column	L.F.	$17.03	$15.77
Lumber	A061549	Glulam Post, Pressure Treated	B.F.	$4.01	$3.75
Lumber	L014.19.1.12	Glulam PT Post, 9"x8"x14', material cost only	EA.	$400.00	$400.00
Lumber	L014.19.1.13	Glulam PT Post, 11"x10.5"x14', material cost only	EA.	$590.00	$590.00
CMP Pipe	02 630 510 2520	8" CMP, galvanized uncoated, 20' lengths, 16 ga.,excludes excavation and backfill	L.F.	$14.14	$11.86
CMP Pipe	02 630 510 2540	10" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	$16.19	$13.51
CMP Pipe	02 630 510 2560	12" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	$19.13	$15.90
CMP Pipe	02 630 510 2600	18" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	$28.12	$23.73
CMP Pipe	02 630 510 2620	24" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	$38.84	$32.98
CMP Pipe	02 630 510 2640	30" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	$52.33	$44.14
CMP Pipe	02 630 510 2660	36" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	$77.46	$66.20
CMP Pipe	02 630 510 2680	48" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	$101.49	$86.95
CMP Pipe	02 630 510 2690	60" CMP, galvanized uncoated, 20' lengths, 10 ga., excludes excavation and backfill	L.F.	$164.17	$140.20
HDPE Pipe	L025.16.1.0	Pipe, Corrugated Plastic Tubing, single wall, perforated, 4", material cost only	L.F.	$0.70	$0.61
HDPE Pipe	L025.16.1.1	Pipe, Corrugated Plastic Tubing, single wall, perforated, 6", material cost only	L.F.	$1.68	$1.46
HDPE Pipe	L026.16.1.3	Pipe, Corrugated HDPE, Dbl Wall, 8", 20' lengths, SOIL TIGHT, material cost only	L.F.	$4.54	$3.96
HDPE Pipe	L026.16.1.4	Pipe, Corrugated HDPE, Dbl Wall, 10", 20' lengths, SOIL TIGHT, material cost only	L.F.	$6.40	$5.58
HDPE Pipe	L026.16.1.5	Pipe, Corrugated HDPE, Dbl Wall, 12", 20' lengths, SOIL TIGHT, material cost only	L.F.	$7.48	$6.52
HDPE Pipe	L026.16.1.6	Pipe, Corrugated HDPE, Dbl Wall, 15", 20' lengths, SOIL TIGHT, material cost only	L.F.	$9.64	$8.40
HDPE Pipe	L026.16.1.7	Pipe, Corrugated HDPE, Dbl Wall, 18", 20' lengths, SOIL TIGHT, material cost only	L.F.	$14.89	$12.97
HDPE Pipe	L026.16.1.8	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, SOIL TIGHT, material cost only	L.F.	$22.44	$19.55
HDPE Pipe	L026.16.1.10	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, SOIL TIGHT, material cost only	L.F.	$34.54	$30.09
HDPE Pipe	L026.16.1.12	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, SOIL TIGHT, material cost only	L.F.	$42.94	$37.41
HDPE Pipe	L026.16.1.13	Pipe, Corrugated HDPE, Dbl Wall, 48", 20' lengths, SOIL TIGHT, material cost only	L.F.	$68.03	$59.27
Pipe Jacking	02 445 300 0900	For Ledge, horizontal boring, 100' minimum, ADD	L.F.	$0.00	$0.00
Pipe Jacking	02 445 300 0100	Horizontal boring, 24" diameter casing, includes casing only, 100' min., exc. pits	L.F.	$357.94	$323.03
Pipe Jacking	02 445 300 0200	Horizontal boring, 36" diameter casing, includes casing only, 100' min., exc. pits	L.F.	$499.44	$445.35
Pipe Jacking	02 445 300 0300	Horizontal boring, 48" diameter casing, includes casing only, 100' min., exc. pits	L.F.	$631.57	$554.24
HDPE Manure Pipe	A023505	Elbow, HDPE 24" WATER TIGHT - installed w/ clean stone backfill	E.A.	$892.83	$829.38
HDPE Manure Pipe	L026.24.1.23	Elbow, HDPE 24" WATER TIGHT - material cost only	EA.	$401.20	$349.52
HDPE Manure Pipe	A023506	Elbow, HDPE 30" WATER TIGHT - installed w/ clean stone backfill	E.A.	$1,642.30	$1,493.05
HDPE Manure Pipe	L026.24.1.24	Elbow, HDPE 30" WATER TIGHT - material cost only	EA.	$974.30	$848.80
HDPE Manure Pipe	A023507	Elbow, HDPE 36" WATER TIGHT - installed w/ clean stone backfill	E.A.	$1,673.34	$1,525.47
HDPE Manure Pipe	L026.24.1.25	Elbow, HDPE 36" WATER TIGHT - material cost only	EA.	$961.99	$838.07
HDPE Manure Pipe	L026.24.1.26	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, WATER TIGHT, material cost only	L.F.	$31.98	$27.86
HDPE Manure Pipe	L026.24.1.27	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, WATER TIGHT, material cost only	L.F.	$50.11	$43.66
HDPE Manure Pipe	L026.24.1.28	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, WATER TIGHT, material cost only	L.F.	$62.28	$54.26
HDPE Manure Pipe	A023500	Pipe, HDPE 24" WATER TIGHT - installed w/ clean stone envelope	L.F.	$69.91	$65.66
HDPE Manure Pipe	A023501	Pipe, HDPE 30" WATER TIGHT - installed w/ clean stone envelope	L.F.	$90.31	$83.70
HDPE Manure Pipe	A023502	Pipe, HDPE 36" WATER TIGHT - installed w/ clean stone envelope	L.F.	$104.75	$96.54
Poly Pipe	A023415	1 1/2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	$4.50	$4.49

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Poly Pipe	A023410	1 1/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	$4.66	$4.65
Poly Pipe	A023405	1" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	$4.06	$4.05
Poly Pipe	A023420	2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	$5.09	$5.08
Poly Pipe	A023400	3/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	$3.96	$3.95
PVC Pipe Valves	L151.17.3.6	Ball Valve, 3 Way, True Union, Socket, 1-1/2"	EA.	$179.38	$168.67
PVC Pipe Valves	L151.17.3.7	Ball Valve, 3 Way, True Union, Socket, 2"	EA.	$236.88	$222.74
PVC Pipe Valves	L151.17.3.0	Ball Valve, Socket, 1-1/2", PVC	EA.	$21.97	$20.65
PVC Pipe Valves	L151.17.3.1	Ball Valve, Socket, 2", PVC	EA.	$30.04	$28.25
PVC Pipe Valves	L151.17.3.2	Ball Valve, True Union, Socket, 1-1/2"	EA.	$58.70	$55.19
PVC Pipe Valves	L151.17.3.3	Ball Valve, True Union, Socket, 2"	EA.	$77.23	$72.63
PVC Pipe Valves	L151.17.3.5	Ball Valve, True Union, Socket, 3"	EA.	$161.74	$152.09
PVC Pipe Valves	L151.17.3.8	Check Valve, True Union, PVC, 1 1/2"	EA.	$89.70	$84.35
PVC Pipe Valves	L151.17.3.9	Check Valve, True Union, PVC, 2"	EA.	$119.42	$112.29
PVC Pipe Valves	L151.17.3.10	Check Valve, True Union, PVC, 3"	EA.	$368.12	$346.15
SCH 40 Pipe	A025590	Pipe, PVC, SCH 40, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$5.25	$5.13
SCH 40 Pipe	L025.17.2.2	Pipe, PVC, SCH. 40, 2" Dia., Material cost only (Local cost)	L.F.	$0.86	$0.75
SCH 40 Pipe	A025600	Pipe, PVC, SCH 40, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$5.89	$5.69
SCH 40 Pipe	L025.17.2.3	Pipe, PVC, SCH. 40, 3" Dia., Material cost only (Local cost)	L.F.	$1.60	$1.39
SCH 40 Pipe	A025605	Pipe, PVC, SCH 40, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$6.90	$6.57
SCH 40 Pipe	L025.17.2.4	Pipe, PVC, SCH. 40, 4" Dia., Material cost only (Local cost)	L.F.	$2.76	$2.40
SCH 40 Pipe	A025610	Pipe, PVC, SCH 40, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$8.95	$8.43
SCH 40 Pipe	L025.17.2.5	Pipe, PVC, SCH. 40, 6" Dia., Material cost only (Local cost)	L.F.	$4.37	$3.81
SCH 40 Pipe	A025615	Pipe, PVC, SCH 40, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$11.06	$10.27
SCH 40 Pipe	L025.17.2.6	Pipe, PVC, SCH. 40, 8" Dia., Material cost only (Local cost)	L.F.	$6.80	$5.92
SCH 40 Pipe	A025620	Pipe, PVC, SCH 40, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$15.63	$14.25
SCH 40 Pipe	L025.17.2.7	Pipe, PVC, SCH. 40, 10" Dia., Material cost only (Local cost)	L.F.	$12.05	$10.50
SCH 40 Pipe	A025625	Pipe, PVC, SCH 40, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$24.52	$22.17
SCH 40 Pipe	L025.17.2.8	Pipe, PVC, SCH. 40, 12" Dia., Material cost only (Local cost)	L.F.	$17.85	$15.55
SDR 26 Pipe	A025550	Pipe, PVC, SDR 26, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$5.02	$4.93
SDR 26 Pipe	L025.17.2.10	Pipe, PVC, SDR 26, 2" Dia., Material cost only (Local cost)	L.F.	$0.60	$0.52
SDR 26 Pipe	A025555	Pipe, PVC, SDR 26, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$5.53	$5.37
SDR 26 Pipe	L025.17.2.11	Pipe, PVC, SDR 26, 3" Dia., Material cost only (Local cost)	L.F.	$1.18	$1.03
SDR 26 Pipe	A025560	Pipe, PVC, SDR 26, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$6.07	$5.84
SDR 26 Pipe	L025.17.2.12	Pipe, PVC, SDR 26, 4" Dia., Material cost only (Local cost)	L.F.	$1.81	$1.57
SDR 26 Pipe	A025565	Pipe, PVC, SDR 26, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$8.52	$8.05
SDR 26 Pipe	L025.17.2.13	Pipe, PVC, SDR 26, 6" Dia., Material cost only (Local cost)	L.F.	$3.88	$3.38
SDR 26 Pipe	A025570	Pipe, PVC, SDR 26, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$10.65	$9.91
SDR 26 Pipe	L025.17.2.14	Pipe, PVC, SDR 26, 8" Dia., Material cost only (Local cost)	L.F.	$6.33	$5.51
SDR 26 Pipe	A025575	Pipe, PVC, SDR 26, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$15.63	$14.25
SDR 26 Pipe	L025.17.2.15	Pipe, PVC, SDR 26, 10" Dia., Material cost only (Local cost)	L.F.	$12.05	$10.50
SDR 26 Pipe	A025580	Pipe, PVC, SDR 26, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$20.40	$18.59
SDR 26 Pipe	L025.17.2.16	Pipe, PVC, SDR 26, 12" Dia., Material cost only (Local cost)	L.F.	$13.73	$11.96
SDR 26 Pipe	A025585	Pipe, PVC, SDR 26, 16" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$34.75	$31.09
SDR 26 Pipe	L025.17.2.17	Pipe, PVC, SDR 26, 16" Dia., Material cost only (Local cost)	L.F.	$28.08	$24.47
SDR 35 Pipe	L026.17.4.0	Headwall & Rodent Guard, 4"-8" pipe	EA.	$70.00	$60.98

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SDR 35 Pipe	A025520	Pipe, PVC, SDR 35, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$5.42	$5.28
SDR 35 Pipe	L025.17.1.5	Pipe, PVC, SDR 35, 4" Dia., Material cost only (Local cost)	L.F.	$1.06	$0.92
SDR 35 Pipe	A025525	Pipe, PVC, SDR 35, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$7.13	$6.84
SDR 35 Pipe	L025.17.1.6	Pipe, PVC, SDR 35, 6" Dia., Material cost only (Local cost)	L.F.	$2.28	$1.98
SDR 35 Pipe	A025530	Pipe, PVC, SDR 35, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$8.68	$8.19
SDR 35 Pipe	L025.17.1.7	Pipe, PVC, SDR 35, 8" Dia., Material cost only (Local cost)	L.F.	$4.06	$3.54
SDR 35 Pipe	A025535	Pipe, PVC, SDR 35, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$10.69	$9.94
SDR 35 Pipe	L025.17.1.8	Pipe, PVC, SDR 35, 10" Dia., Material cost only (Local cost)	L.F.	$6.37	$5.55
SDR 35 Pipe	A025540	Pipe, PVC, SDR 35, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$16.11	$14.85
SDR 35 Pipe	L025.17.1.9	Pipe, PVC, SDR 35, 12" Dia., Material cost only (Local cost)	L.F.	$9.44	$8.23
SDR 35 Pipe	A025545	Pipe, PVC, SDR 35, 15" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	$20.71	$18.86
SDR 35 Pipe	L025.17.1.10	Pipe, PVC, SDR 35, 15" Dia., Material cost only (Local cost)	L.F.	$14.04	$12.23
Steel Pipe	L151.18.2.1	16" dia. Elbow, Steel, 15 or 30 deg., MATERIAL COST ONLY	EA.	$347.37	$326.64
Steel Pipe	L151.18.2.3	16" dia. Elbow, Steel, 45 deg., MATERIAL COST ONLY	EA.	$454.08	$426.99
Steel Pipe	L151.18.2.4	16" dia. Elbow, Steel, 60 deg long radius., MATERIAL COST ONLY	EA.	$692.47	$651.15
Steel Pipe	L151.18.2.11	16" dia. Elbow, Steel, 90 deg. Long radius, MATERIAL COST ONLY	EA.	$908.16	$853.97
Steel Pipe	A151508	16" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	$124.34	$119.73
Steel Pipe	L151.18.2.0	16" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	$64.71	$60.85
Steel Pipe	L151.18.3.1	24" dia. Elbow, Steel, long radius 90 deg., MATERIAL COST ONLY	EA.	$1,433.75	$1,348.20
Steel Pipe	A151518	24" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	$199.23	$190.70
Steel Pipe	L151.18.3.0	24" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	$120.10	$112.93
Steel Pipe	L151.18.4.1	30" dia. Elbow, Steel, long radius 90 deg., MATERIAL COST ONLY	EA.	$1,641.50	$1,543.56
Steel Pipe	A151528	30" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	$216.20	$206.67
Steel Pipe	L151.18.4.0	30" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	$134.86	$126.81
Steel Pipe	15 107 620 2070	Pipe, steel, black, welded, 2" diameter, schedule 40, Welded	L.F.	$17.63	$16.75
Steel Pipe	15 107 620 2090	Pipe, steel, black, welded, 3" diameter, schedule 40, Welded	L.F.	$27.32	$25.90
Steel Pipe	15 107 620 2110	Pipe, steel, black, welded, 4" diameter, schedule 40, Welded	L.F.	$34.73	$32.86
Steel Pipe	15 107 620 2130	Pipe, steel, black, welded, 6" diameter, schedule 40, Welded	L.F.	$56.01	$52.96
Steel Pipe	A151480	Steel Pipe, 2" dia., SCH 40, material cost only	L.F.	$6.55	$6.07
Steel Pipe	A151485	Steel Pipe, 3" dia., SCH 40, material cost only	L.F.	$11.40	$10.57
Steel Pipe	A151490	Steel Pipe, 4" dia., SCH 40, material cost only	L.F.	$15.95	$14.79
Steel Pipe	A151495	Steel Pipe, 6" dia., SCH 40, material cost only	L.F.	$26.50	$24.57
Retaining Wall	02 830 700 4600	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 9' H, inc. backfill	L.F.	$180.12	$177.08
Retaining Wall	02 830 700 4900	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 12' H, inc. backfill	L.F.	$299.03	$293.64
Retaining Wall	02 830 700 4350	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' w, 6' h, inc. backfill	L.F.	$85.07	$83.54
Retaining Wall	02 830 700 5000	Retain. walls, stone filled gabions, galv., hwy surcharge, 3' W, 12' L, 3' H, inc. backfill	L.F.	$405.19	$398.73
Retaining Wall	02 830 700 4500	Retain. walls, stone filled gabions, hwy surcharge, 3' W, 6' L, 3' H, inc. backfill	L.F.	$163.38	$160.73
Retaining Wall	02 830 700 4700	Retain.walls, stone filled gabions, galv., hwy surcharge, 3' W, 9' L, 3' H, inc. backfill	L.F.	$279.99	$275.56
Riprap	02 370 450 0600	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 12" deep	S.Y.	$50.81	$50.06
Riprap	02 370 450 0700	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 18" deep	S.Y.	$73.78	$72.71
Riprap	02 370 450 0800	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 36" deep	S.Y.	$114.56	$113.01
Riprap	02 370 450 0500	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 9" deep	S.Y.	$46.63	$45.95
Riprap	02 370 450 0100	Rip-rap and rock lining, random, broken stone, machine placed for slope protection	C.Y.	$50.64	$50.03
Riprap	02 370 450 0200	Rip-rap, random, broken stone, 18" min. thickness, machine placed slope protection	S.Y.	$77.36	$76.79
Roof	07 710 650 0012	Aluminum gutters, stock units, plain, 5" box, .027" thick	L.F.	$5.06	$4.53

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Roof	07 710 650 0300	Aluminum gutters, stock units, plain, 5" box, .032" thick	L.F.	$5.05	$4.52
Roof	L061.21.2.0	Roof Structure - hoop type, truss arch w/ fabric. Foundation - posts or wall not included.	S.F.	$11.04	$10.01
Roof	A061520	Roof Structure - hoop type, truss arch w/ fabric, mounted on 8x8 PT posts.	S.F.	$12.90	$11.73
Roof	A061525	Roof Structure - hoop type, truss arch w/ fabric, mounted on PT glulam posts.	S.F.	$14.32	$13.06
Roof	A061500	Roof Structure - pole type w/ wood truss & metal roof, mounted on PT posts.	S.F.	$9.90	$9.42
Roof	A023440	Trench Drain for roof runoff, 2'w x 3' d, stone backfill	L.F.	$11.59	$11.23
Seeds	L014.1.3.1	"Conservation Mix"	LB.	$1.85	$1.85
Seeds	L014.1.3.23	"Pasture Mix" (Typical Cool Season)	LB.	$2.60	$2.60
Seeds	L014.1.3.3	"Pasture Mix" (Typical Cool Season) (organic)	LB.	$3.50	$3.50
Seeds	L014.1.3.5	Alfalfa	LB.	$3.50	$3.50
Seeds	L014.1.3.6	Alfalfa (leaf hopper resistant)	LB.	$4.12	$4.12
Seeds	L014.1.3.7	Alfalfa (organic)	LB.	$4.70	$4.70
Seeds	L014.1.3.8	Annual ryegrass	LB.	$0.75	$0.75
Seeds	L014.1.3.53	Barley	LB.	$0.34	$0.34
Seeds	L014.1.3.10	Barley (organic)	LB.	$0.32	$0.32
Seeds	L014.1.3.11	Birdsfoot trefoil	LB.	$4.42	$4.42
Seeds	L014.1.3.54	Buckwheat	LB.	$0.52	$0.52
Seeds	L014.1.3.13	Buckwheat (organic)	LB.	$0.70	$0.70
Seeds	L014.1.3.14	Chickory	LB.	$8.00	$8.00
Seeds	L014.1.3.15	Clover - Alsike	LB.	$1.60	$1.60
Seeds	L014.1.3.16	Clover - Alsike (organic)	LB.	$2.75	$2.75
Seeds	L014.1.3.64	Clover - Dutch white	LB.	$3.65	$3.65
Seeds	L014.1.3.17	Clover - Dutch white (organic)	LB.	$5.00	$5.00
Seeds	L014.1.3.18	Clover - Ladino	LB.	$4.05	$4.05
Seeds	L014.1.3.19	Clover - Mammoth red	LB.	$2.45	$2.45
Seeds	L014.1.3.20	Clover - Red	LB.	$3.25	$3.25
Seeds	L014.1.3.21	Clover - Red (organic)	LB.	$4.25	$4.25
Seeds	L014.1.3.22	Clover - White	LB.	$6.50	$6.50
Seeds	L014.1.3.24	Creeping Red Fescue	LB.	$1.80	$1.80
Seeds	L014.1.3.26	Hairy Vetch	LB.	$2.30	$2.30
Seeds	L014.1.3.27	Hairy Vetch (organic)	LB.	$2.80	$2.80
Seeds	L014.1.3.63	Inoculant (treats 50-60 lbs of legume)	PKG	$4.75	$4.75
Seeds	L014.1.3.28	Kentucky Bluegrass	LB.	$2.85	$2.85
Seeds	L014.1.3.33	Oats (organic)	LB.	$0.40	$0.40
Seeds	L014.1.3.32	Oats, bulk	LB.	$0.30	$0.30
Seeds	L014.1.3.34	Orchardgrass	LB.	$3.75	$3.75
Seeds	L014.1.3.35	Orchardgrass (organic)	LB.	$6.15	$6.15
Seeds	L014.1.3.36	Perrenial Ryegrass	LB.	$1.90	$1.90
Seeds	L014.1.3.57	Perrenial Ryegrass (Organic)	LB.	$3.35	$3.35
Seeds	L014.1.3.39	Smooth Bromegrass	LB.	$2.35	$2.35
Seeds	L014.1.3.68	Smooth Bromegrass (organic)	LB.	$2.80	$2.80
Seeds	L014.1.3.66	Sorghum-Sudangrass	LB.	$0.80	$0.80
Seeds	L014.1.3.41	Tall Fescue (Ky-31) (requires approval)	LB.	$1.75	$1.75
Seeds	L014.1.3.42	Tall Fescue (Low Endophyte) (requires approval)	LB.	$2.00	$2.00
Seeds	L014.1.3.44	Timothy	LB.	$1.75	$1.75

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Seeds	L014.1.3.45	Timothy (organic)	LB.	$3.25	$3.25
Seeds	L014.1.3.48	Wildflower mix (perennial)	LB.	$35.00	$35.00
Seeds	L014.1.3.50	Winter Cereal Rye (in 50 lb bulk bags)	LB.	$0.32	$0.32
Seed & Mulch	A014340	Seed, Lime, Fertilize & Mulch - meets VT Eng. Spec. #52	ACRE	$1,428.00	$1,428.00
Seed & Mulch	02 920 310 0600	Seeding, mechanical apply limestone, 50 lbs per M.S.F., hand push spreader	M.S.F.	$6.19	$6.18
Seed & Mulch	02 920 310 0800	Seeding, mechanical seeding grass seed, 4.5 lbs per M.S.F., hand push spreader	M.S.F.	$22.66	$22.66
Seed & Mulch	02 910 500 0350	Soil preparation, mulching, hay, 1" deep, power mulcher, large	M.S.F.	$62.44	$62.43
Seed & Mulch	02 910 500 0250	Soil preparation, mulching, hay, 1" deep, power mulcher, small	M.S.F.	$66.48	$66.46
Warm Season Seeds	L014.1.4.1	Big Bluestem	LB.	$15.00	$15.00
Warm Season Seeds	L014.1.4.2	Deertongue	LB.	$16.00	$16.00
Warm Season Seeds	L014.1.4.8	Eastern Gamma Grass	LB.	$13.00	$13.00
Warm Season Seeds	L014.1.4.3	Indiangrass	LB.	$13.00	$13.00
Warm Season Seeds	L014.1.4.4	Little Bluestem	LB.	$14.00	$14.00
Warm Season Seeds	L014.1.4.6	Sand Lovegrass	LB.	$10.00	$10.00
Warm Season Seeds	L014.1.4.7	Switchgrass	LB.	$12.00	$12.00
Test Pits	01 450 500 4400	Soil testing, Atterberg limits, liquid and plastic limits	Ea.	$65.00	$65.00
Test Pits	01 450 500 4510	Soil testing, Hydrometer analysis	Ea.	$120.00	$120.00
Test Pits	01 450 500 4750	Soil testing, Moisture content, ASTM D 2216	Ea.	$10.00	$10.00
Test Pits	01 450 500 4780	Soil testing, permeability test, double ring infiltrometer	Ea.	$550.00	$550.00
Test Pits	01 450 500 4800	Soil testing, permeability, variable or constant head, undisturbed, ASTM D 2434	Ea.	$250.00	$250.00
Test Pits	01 450 500 4900	Soil testing, Proctor compaction, 4" standard mold, ASTM D 698	Ea.	$135.00	$135.00
Test Pits	01 450 500 4950	Soil testing, Proctor compaction, 6" modified mold	Ea.	$75.00	$75.00
Test Pits	01 450 500 4600	Soil testing, Sieve analysis, washed, ASTM D 422	Ea.	$60.00	$60.00
Test Pits	01 450 500 4530	Soil testing, Specific gravity, ASTM D 354	Ea.	$48.00	$48.00
Test Pits	A014160	Soil Testing, waste storage pond-classification & permeability	EA.	$880.00	$880.00
Test Pits	02 210 700 0130	Subsurface investigation, test pits, loader/backhoe, heavy soil	C.Y.	$67.98	$67.63
Test Pits	02 210 700 0120	Subsurface investigation, test pits, loader/backhoe, light soil	C.Y.	$48.48	$48.23
Test Pits	A022515	Testpits for Manure Storage, approx. 4 pits	L.S.	$966.44	$962.50
Trees & Shrubs	L014.1.18.25	Brush mats with staples - 3x3 ft	EA.	$1.80	$1.80
Trees & Shrubs	L014.1.18.31	Forest Stand Improvement, Marking	ACRE	$30.00	$30.00
Trees & Shrubs	L014.1.18.32	Forest Stand Improvement, Brush Saw	ACRE	$175.00	$175.00
Trees & Shrubs	L014.1.18.33	Forest Stand Improvement, Chain Saw	ACRE	$236.67	$236.67
Trees & Shrubs	L014.1.18.46	Labor - collecting, assembling and installing wattles	HR.	$0.00	$0.00
Trees & Shrubs	L014.1.18.47	Labor - installing wattles	L.F.	$2.50	$2.50
Trees & Shrubs	L014.1.18.41	Labor - planting live stakes	EA.	$1.00	$1.00
Trees & Shrubs	L014.1.18.42	Labor - collecting and planting live stakes	EA.	$0.00	$0.00
Trees & Shrubs	L014.1.18.27	Labor - planting tree or shrub only	EA.	$2.00	$2.00
Trees & Shrubs	L014.1.18.28	Labor - planting tree or shrub with protector, mat and stake	EA.	$4.00	$4.00
Trees & Shrubs	L014.1.18.30	Labor - Consulting Forester	EA.	$50.00	$50.00
Trees & Shrubs	L014.20.2.3	Live Stakes	EA.	$1.50	$1.50
Trees & Shrubs	L014.1.18.36	Rooted Cuttings, 6-18", native and local	EA.	$1.75	$1.75
Trees & Shrubs	L014.1.18.26	Stakes - 4 ft hardwood	EA.	$2.74	$2.74
Trees & Shrubs	L014.1.18.40	Stakes - Bamboo	EA.	$0.24	$0.24
Trees & Shrubs	L014.1.18.18	Tree or shrub - 1-2 ft bare root, native	EA.	$2.25	$2.25
Trees & Shrubs	L014.1.18.34	Tree or shrub - 2-3 ft bare root, native	EA.	$2.95	$2.95

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Trees & Shrubs	L014.1.18.19	Tree or shrub - 3-4 ft bare root, native	EA.	$3.45	$3.45
Trees & Shrubs	L014.1.18.35	Tree or shrub - 4-5 ft bare root, native	EA.	$3.95	$3.95
Trees & Shrubs	L014.1.18.20	Tree or shrub - 5+ ft bare root, native	EA.	$4.45	$4.45
Trees & Shrubs	L014.1.18.7	Tree or shrub, conifer - 1-2 ft bare root	EA.	$2.00	$2.00
Trees & Shrubs	L014.1.18.8	Tree or shrub, conifer - 2-3 ft bare root	EA.	$3.00	$3.00
Trees & Shrubs	L014.1.18.9	Tree or shrub, conifer - 3-4 ft bare root	EA.	$4.75	$4.75
Trees & Shrubs	L014.1.18.10	Tree or shrub, conifer - 4-5 ft bare root	EA.	$6.75	$6.75
Trees & Shrubs	L014.1.18.3	Tree or shrub, deciduous - 1-2 ft bare root	EA.	$1.25	$1.25
Trees & Shrubs	L014.1.18.4	Tree or shrub, deciduous - 2-3 ft bare root	EA.	$1.50	$1.50
Trees & Shrubs	L014.1.18.5	Tree or shrub, deciduous - 3-4 ft bare root	EA.	$2.25	$2.25
Trees & Shrubs	L014.1.18.6	Tree or shrub, deciduous - 4-5 ft bare root	EA.	$4.00	$4.00
Trees & Shrubs	L014.1.18.29	Tree or Shrub, labor, protector, mat and stake	EA.	$8.70	$8.70
Trees & Shrubs	L014.1.18.37	Tree protectors 24"	EA.	$1.40	$1.40
Trees & Shrubs	L014.1.18.38	Tree Protectors 36"	EA.	$3.00	$3.00
Trees & Shrubs	L014.1.18.39	Tree protectors 48"	EA.	$3.00	$3.00
Trees & Shrubs	L014.1.18.22	Tublings, 6" native	EA.	$2.00	$2.00
Trees & Shrubs	L014.20.2.4	Wattles or Fascines 4-8" diameter, local	L.F.	$3.00	$3.00
Waste Transfer	L151.18.2.10	6" Reception pit 2 valve system, for PTO type pump, riser, valves, flex hose, elbow, clamps	EA.	$2,875.00	$2,703.46
Waste Transfer	L151.18.2.6	Guillotine Safety Valve, 12" dia. , material cost only	EA.	$2,394.30	$2,251.44
Waste Transfer	L151.18.2.5	Guillotine Safety Valve, 16" dia. , material cost only	EA.	$2,493.20	$2,344.44
Waste Transfer	L151.18.2.8	Guillotine Safety Valve, 6" dia. , material cost only	EA.	$959.53	$902.27
Waste Transfer	L151.18.2.7	Guillotine Safety Valve, 8" dia. , material cost only	EA.	$1,060.05	$996.80
Waste Transfer	L025.24.7.11	Hydraulic Transfer Pump	EA.	$2,482.67	$2,162.87
Waste Transfer	L014.24.5.4	Manure Agitator, propeller w/ 10 hp electric motor, includes wiring	EA.	$9,419.65	$9,419.65
Waste Transfer	L014.24.3.6	Manure Pump, 4" Electric, liquid manure only, w/ 10hp motor, use 6" transfer pipe, inc. wiring	EA.	$14,852.25	$14,852.25
Waste Transfer	L014.24.3.1	Manure Pump, Agitator/Unload, trailer type, PTO type	EA.	$23,109.00	$23,109.00
Waste Transfer	L014.24.3.4	Manure Pump, Agitator/Unload, vertical wall type, 3pt hitch, PTO type	EA.	$11,564.00	$11,564.00
Waste Transfer	L014.24.3.5	Manure Pump, Auger, w/ electric motor	EA.	$7,932.70	$7,932.70
Waste Transfer	L014.24.5.3	Manure Pump, Hollow Piston Type-slurry manure, no conc. work , inc. wiring, safety valve	EA.	$31,560.60	$31,560.60
Waste Transfer	L014.24.5.7	Manure Pump, Solid Piston Type-solid manure, no conc. work , inc. wiring, safety valve	EA.	$38,089.15	$38,089.15
Waste Transfer	L014.24.4.1	Manure, Elevator, 40ft, suspended, inc. wiring, no concrete	EA.	$20,318.20	$20,318.20
Waste Transfer	A151510	Pushoff Safety Stop - 8' width, 4" steel pipe, 4" posts	EA.	$983.84	$932.16
Waste Transfer	A151505	Safety Grate-6' diam. , 4" steel pipe	Ea.	$1,600.02	$1,514.36
Waste Transfer	L151.24.12.1	Safety Signs, Structure or Hopper	EA.	$29.90	$28.12
Waste Transfer	L025.24.7.4	Sewage Pump, 2" solids handling, 0.5 - 1hp, inc floats, control, wiring & tank plumbing	EA.	$3,387.90	$2,951.49
Waste Transfer	L025.24.7.2	Sewage Pump, 2" solids handling, 1.5 - 2hp, inc floats, control, wiring & tank plumbing	EA.	$3,745.55	$3,263.07
Waste Transfer	L025.24.7.7	Sewage Pump, 2" solids, stainless, 0.5 - 1hp, inc floats, control, wiring & tank plumbing	EA.	$3,387.90	$2,951.49
Waste Transfer	L025.24.7.3	Sewage Pump, 3" Agitator Type, vertical shaft, 3 - 5hp motor, includes wiring	EA.	$7,042.60	$6,135.42
Waste Transfer	L025.24.7.5	Sewage Pump, 3" solids handling, 3hp, inc floats, control, wiring & tank plumbing	EA.	$6,265.20	$5,458.16
Waste Transfer	L025.24.7.8	Silage Leachate Screen, 16" x 96", 4x4PT Frame, Stainless Steel Wire Cloth	EA.	$269.10	$234.44
Water Transfer	02 520 510 1700	Well water, pumps, 1 1/2 HP, 4" submersible, 1-1/2 HP , installed in wells to 100 ft. deep	Ea.	$1,884.16	$1,562.54
Water Transfer	02 520 510 1600	Well water, pumps, 1 HP, 4" submersible, 1 HP , installed in wells to 100 ft. deep	Ea.	$1,235.37	$1,048.22
Water Transfer	02 520 510 1800	Well water, pumps, 2 HP, 4" submersible, 2 HP, installed in wells to 100' deep	Ea.	$2,281.58	$1,892.67
Water Transfer	L025.25.4.1	Well, casing	V.F.	$13.00	$11.33
Water Transfer	L025.25.4.5	Well, drilling	V.F.	$10.50	$9.15

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Wetlands & Wildlife	L014.27.1.21	Apple Tree Pruning (10 Trees per acre)	EA.	$25.00	$25.00
Wetlands & Wildlife	L014.27.1.1	Apple Tree Release (10 Trees per acre)	EA.	$25.00	$25.00
Wetlands & Wildlife	L014.27.1.12	Brush and Tree Cutting, manual (chainsaw, brushsaw, etc)	ACRE	$700.00	$700.00
Wetlands & Wildlife	L014.27.1.20	Brush and Tree Cutting, light mechanical	ACRE	$700.00	$700.00
Wetlands & Wildlife	L014.27.1.19	Brush and Tree Cutting, intermediate mechanical	ACRE	$1,100.00	$1,100.00
Wetlands & Wildlife	L014.27.1.13	Brush and Tree Cutting, heavy mechanical	ACRE	$1,500.00	$1,500.00
Wetlands & Wildlife	L014.27.1.21	Apple Tree Pruning (10 Trees per acre)	EA.	$25.00	$25.00
Wetlands & Wildlife	L014.27.1.14	Brush and Tree Cutting, post commercial harvest	ACRE	$250.00	$250.00
Wetlands & Wildlife	L014.27.1.3	Brushhogging, heavy duty	ACRE	$58.35	$58.35
Wetlands & Wildlife	L014.27.1.15	Control of Invasive Plants, 1st application (chemical)	ACRE	$300.00	$300.00
Wetlands & Wildlife	L014.27.1.16	Control of Invasive Plants, 2nd application (chemical)	ACRE	$170.00	$170.00
Wetlands & Wildlife	L014.27.1.17	Control of Invasive Plants, Light infestation 1st application	ACRE	$70.00	$70.00
Wetlands & Wildlife	L014.27.1.18	Control of Invasive Plants, Light infestation 2nd application	ACRE	$40.00	$40.00
Wetlands & Wildlife	L014.27.1.2	Delayed Mowing/Brushhogging, light duty	ACRE	$33.33	$33.33
Wetlands & Wildlife	L014.27.1.7	Mast Tree Release (10 Trees per Acre)	EA.	$25.00	$25.00
Wetlands & Wildlife	L014.27.1.8	Vegetation Restoration – herbaceous plants (2" plugs)	EA.	$1.25	$1.25
Wetlands & Wildlife	L014.27.1.9	Vegetative Restoration – wetland seeding	ACRE	$105.00	$105.00