

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
L014.1.2.34	Compost Analysis (total nutrients and carbon)	EA.	-	\$53.00
L014.1.2.35	Manure Analysis	EA.	-	\$38.00
A014467	Pipeline (2) (643)-3/4" pipeline laid on ground	L.F.	-	\$0.51
A014468	Pipeline (3) (643)-1 1/4" pipeline laid on ground	L.F.	-	\$1.41
A014466	Pipeline (643)-1" pipeline laid on ground	L.F.	-	\$0.71
L014.1.2.33	Soil Health Assessment	EA.	-	\$75.00
L014.1.2.31	Soil test, (commercial vegetables & small fruit)	EA.	-	\$17.00
L014.1.2.32	Soil test, (pre-sidedress nitrate test)	EA.	-	\$11.00
L014.1.2.30	Soil test, (standard agricultural field crops soil test)	EA.	-	\$17.00
A014490	Watering Facility - Moveable (614) - 35 gal poly, valves & float	EA.	-	\$74.60
A014492	Watering Facility (614) - 70 gal poly, valves & float	EA.	-	\$139.60
A014494	Watering Facility 150 gal (614) - 150 gal poly, valves, float, geotextile & gravel.	EA.	-	\$853.88
02 740 315 0020	Asphalt, parking & driveway, 6" stone base, 2" binder course, 1" topping	S.F.	1,5,11,31	\$3.03
02 740 315 0400	Asphalt, parking lots & driveways, binder course, 2" thick	S.F.	31	\$1.28
02 740 315 0500	Asphalt, parking lots & driveways, binder course, 3" thick	S.F.	31	\$2.02
02 740 315 0600	Asphalt, parking lots & driveways, binder course, 4" thick	S.F.	31	\$2.68
02 740 315 0900	Asphalt, parking lots & driveways, sand finish course, 1" thick	S.F.	31	\$0.69
02 740 315 0800	Asphalt, parking lots & driveways, sand finish course, 3/4" thick	S.F.	31	\$0.56
02 310 100 0100	Fine grade, for roadway, large area, 6,000 S.Y. or more	S.Y.	1,5,11	\$1.00
02 310 100 0012	Fine grading, finish grading, small area, to be paved with grader	S.Y.	1,5,11	\$5.00
02 220 360 0015	Selective demolition, saw cutting, asphalt, up to 3" deep	L.F.	31	\$1.72
02 220 360 0020	Selective demolition, saw cutting, each additional inch of depth over 3"	L.F.	31	\$0.95
02 220 310 0250	Selective demolition, cutout, slab on grade, non-reinforced, to 6" thick, 8-16 S.F., excludes lo	S.F.	1,5,11,31	\$14.72
02 220 310 0200	Selective demolition, cutout, slab on grade, non-reinforced, to 6" thick, under 8 S.F., excludes	S.F.	1,5,11,31	\$30.33
02 220 130 0240	Demolition-footing, floor, concrete slab on grade, plain concrete, 4" thick	S.F.	1,5,11,31	\$0.77
02 220 130 0280	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 4" thick	S.F.	1,5,11,31	\$0.96
02 220 130 0420	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 6" thick	S.F.	1,5,11,31	\$1.20
02 220 130 0400	Demolition-footings, floors, concrete slab on grade, plain concrete, 6" thick	S.F.	1,5,11,31	\$0.96
02 220 240 4300	Minor demolition, slab on grade, plain, remove, excludes hauling	C.Y.	1,5,11,31	\$94.48
02 220 240 4310	Minor demolition, slab on grade, wwf, 8" thick, remove, exc. hauling	C.Y.	1,5,11,31	\$128.54
02 220 240 4320	Minor demolition, slab on grade, rebar, 8" thick, remove, exc. hauling	C.Y.	1,5,11,31	\$169.67
02 220 360 0420	Saw cutting, concrete slab, rebar, each additional inch of depth over 3"	L.F.	1,5,11,31	\$0.62
02 220 360 0400	Saw cutting, concrete slabs, mesh reinforcing, per inch of depth to 3" deep	L.F.	1,5,11,31	\$1.87
L151.2.12.2	6" Pipe Penetration Seal, modular, links & stainless steel bolts	EA.	-	\$200.00
L151.2.12.3	8" Pipe Penetration Seal, modular, links & bolts	EA.	-	\$300.00
03 350 300 4000	Concrete finishing, floor, dustproofing, liquid, for cured concrete, epoxy-based, clear, 1 coat	S.F.	31	\$0.58
03 350 300 4050	Concrete finishing, floor, dustproofing, liquid, for cured concrete, epoxy-based, clear, 2 coats	S.F.	31	\$0.76
03 350 350 0020	Concrete finishing, walls, includes breaking ties and patching voids	S.F.	31	\$1.16
01 450 500 1800	Concrete testing, compressive strength test, ASTM C 39, incl. delivery to lab per cylinder	Ea.	ASTM's	\$13.00
01 450 500 1800	Concrete testing, compressive strength test, ASTM C 39, incl. delivery to lab per cylinder	Ea.	ASTM's	\$13.00
03 310 220 1410	Structural concrete, ready mix, for mid-range water reducer, add	C.Y.	-	\$3.67
03 310 220 1420	Structural concrete, ready mix, for high-range water reducer/superplasticizer, add	C.Y.	-	\$6.27
A033550	Construction Joint - floor, sawed, backer rod and waterstop	L.F.	-	\$103.05
03 240 300 0110	Fibrous reinforcing, synthetic fibers, add to concrete, 1-1/2 lb. per C.Y.	C.Y.	31	\$8.70
03 240 300 0225	Fibrous reinforcing, steel fibers, ASTM A850, Type V, continuously deformed, 1-1/2" long x 0	C.Y.	31	\$36.45
L014.2.4.2	Pumping, Concrete, Footings & Slabs, 18.75cy/hr (include drive time)	HR.	31	\$177.50
L014.2.4.3	Pumping, Concrete, Walls, 12.5cy/hr (include drive time)	HR.	31	\$177.50
03 150 860 0050	Waterstop, PVC or Bentonite type	L.F.	31	\$5.43
03 060 870 0012	Winter Protection, for heated ready mix, includes material only, add, min.	C.Y.	31	\$5.18
03 060 870 0100	Winter Protection, protecting concrete and temp heat	M.S.F.	31	\$701.87
03 060 870 0210	Winter Protection, temp. shelter, slab on grade, wood frame and poly, max.	M.S.F.	31	\$889.11
03 060 870 0201	Winter Protection, temp. shelter, slab on grade, wood frame and poly, min.	M.S.F.	31	\$504.21
L026.2.14.1	Block, Concrete, keyed, 6'x2'x2', including corners	EA.	31	\$110.00
L026.2.14.0	Block, Concrete, non keyed, 4'x2'x2' or 4'x4'x2'	EA.	31	\$80.00
L026.22.6.1	Catchbasin, Precast Concrete, 2' square or round, cast grate, 6' deep, excav. not incl.	EA.	31	\$1,163.80
02 540 400 1000	Distribution box - concrete, 5-7 outlets, excludes excavation or piping	Ea.	1,5,11,31	\$147.58
L025.24.6.6	Grease Trap, 1000gal, no exc. or bkfill, w/ 8" effluent filter	EA.	1,5,11,31	\$1,667.50
L026.2.8.2	Hopper, Precast, 6' dia. x 6' deep, delivered, excav. not incl.	EA.	31	\$1,730.75
L026.2.8.3	Hopper, Precast, 6' dia. x 8' deep, delivered, excav. not incl.	EA.	31	\$2,119.45
L026.22.2.2	Manhole, Precast, 4' dia, Base, delivered, excav. not incl.	EA.	31	\$126.50
L026.22.2.0	Manhole, Precast, 4' dia, Cover, delivered, excav. not incl.	EA.	31	\$149.50
L026.22.2.1	Manhole, Precast, 4' dia, Section, delivered, excav. not incl.	L.F.	31	\$80.50
L026.22.3.2	Manhole, Precast, 5' dia, Base, delivered, excav. not incl.	EA.	31	\$184.00
L026.22.3.0	Manhole, Precast, 5' dia, Cover, delivered, excav. not incl.	EA.	31	\$247.25
L026.22.3.1	Manhole, Precast, 5' dia, Section, delivered, excav. not incl.	L.F.	31	\$126.50
L026.22.4.2	Manhole, Precast, 6' dia, Base, delivered, excav. not incl.	EA.	31	\$310.50
L026.22.4.0	Manhole, Precast, 6' dia, Cover, delivered, excav. not incl.	EA.	31	\$402.50
L026.22.4.1	Manhole, Precast, 6' dia, Section, delivered, excav. not incl.	L.F.	31	\$212.75
L025.24.6.7	Pump Station, Precast, 1000gal, excav. not incl., 1/2hp sewage pump included	EA.	1,5,11,31,51	\$3,450.00
L025.24.6.11	Pump Station, Precast, 1000gal, excav. not incl., no pump	EA.	1,5,11,31,51	\$1,610.00
L025.24.6.8	Pump Station, Precast, heavy duty-drive on, 1000gal, excav. not incl., no pump	EA.	1,5,11,31	\$5,002.50
L025.24.6.10	Pump Station, Precast, heavy duty-drive on, 2000gal, excav. not incl, no pump	EA.	1,5,11,31	\$6,900.00
L025.24.6.9	Pump Station, Precast, heavy duty-drive on, 1500gal, excav. not incl., no pump	EA.	1,5,11,31	\$5,750.00
L025.24.6.0	Septic Tank, Precast, 1000gal, excav. not incl.	EA.	1,5,11,31	\$1,380.00
L025.24.6.1	Septic Tank, Precast, 1500gal, excav. not incl.	EA.	1,5,11,31	\$1,782.50
L025.24.6.2	Septic Tank, Precast, 2000gal, excav. not incl.	EA.	1,5,11,31	\$2,300.00
L025.24.6.12	Septic Tank, Precast, 3000gal, excav. not incl.	EA.	1,5,11,31	\$3,162.50
L025.24.6.3	Septic Tank, Precast, Heavy Duty-drive on, 1000gal, excav. not incl.	EA.	1,5,11,31	\$4,887.50
L025.24.6.4	Septic Tank, Precast, Heavy Duty-drive on, 1500gal, excav. not incl.	EA.	1,5,11,31	\$5,462.50

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
L025.24.6.5	Septic Tank, Precast, Heavy Duty-drive on, 2000gal, excav. not incl.	EA.	1,5,11,31	\$6,785.00
L025.24.6.13	Septic Tank, Precast, Heavy Duty-drive on, 3000gal, excav. not incl.	EA.	1,5,11,31	\$7,762.50
L026.22.5.0	Well tile, Precast, 3' dia, Base, delivered, excav. not incl.	EA.	31	\$103.50
L026.22.5.1	Well tile, Precast, 3' dia, Cover, delivered, excav. not incl.	EA.	31	\$138.00
L026.22.5.2	Well tile, Precast, 3' dia, Section, delivered, excav. not incl.	L.F.	31	\$69.00
A033010	4'-8" Conc. Wall, 3000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	31	\$523.09
A033012	4'-8" Conc. Wall, 3000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	31	\$545.88
A033011	4'-8" Conc. Wall, 3000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	31	\$548.68
A033013	4'-8" Conc. Wall, 3000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	31	\$584.25
A033014	4'-8" Conc. Wall, 4000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	31	\$528.64
A033016	4'-8" Conc. Wall, 4000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	31	\$551.43
A033015	4'-8" Conc. Wall, 4000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	31	\$554.22
A033017	4'-8" Conc. Wall, 4000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	31	\$589.80
A033030	10' Conc. Wall, 3000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	31	\$578.25
A033032	10' Conc. Wall, 3000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	31	\$530.36
A033031	10' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	31	\$533.73
A033033	10' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	31	\$562.36
A033034	10' Conc. Wall, 4000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	31	\$518.05
A033036	10' Conc. Wall, 4000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	31	\$535.91
A033035	10' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	31	\$539.28
A033037	10' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	31	\$567.91
A033050	12' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	31	\$530.69
A033052	12' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	31	\$562.36
A033051	12' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	31	\$536.24
A033053	12' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	31	\$567.91
A033058	12' Conc. Wall, 4000 psi, 10" thick, #6@10" V, #6@6" H, Chute, Curing Compd.	C.Y.	31	\$684.15
A033071	Concrete Footing, 10" thick, < 3' wide, reinforced, #4 E.W. Typ.	C.Y.	31	\$469.10
A033070	Concrete Footing, 10" thick, > 3' wide, reinforced, #4 & #5	C.Y.	31	\$403.81
A033074	Concrete Footing, 12" thick, 2.5' wide, reinforced, #5 E.W. Typ., #6 "L" Bars	C.Y.	31	\$533.59
A033073	Concrete Footing, 4,000 psi, 14" thick, 4' wide, #5 @ 12" e.f., #5 dowels @ 14" e.f.	C.Y.	31	\$504.07
A033072	Concrete Footing, 4,000 psi, 14" thick, 4' wide, #5 @ 6" e.f., #5 dowels @ 14" e.f.	C.Y.	31	\$559.77
A033135	Conc. Hopper, 6'x6'x8', 8" Wall & Floor, No Exc. or Drainage, 6" Drainfill	E.A.	1,5,11,31	\$4,549.66
A033055	16' Conc. Wall, 4000 psi, 12" thick, #5@6" e.f. V, #6@5" E.F. H, Chute, Curing Compd.	C.Y.	31	\$728.08
A033054	12' Conc. Wall, 4000 psi, 12" thick, #5@6" e.f. V, #6@5" E.F. H, Chute, Curing Compd.	C.Y.	31	\$728.08
A033056	12' Conc. Wall, 4000 psi, 12" thick, #5@12" e.f. V, #5@10" E.F. H, Chute, Curing Compd.	C.Y.	31	\$610.16
A033057	16' Conc. Wall, 4000 psi, 12" thick, #5@12" e.f. V, #5@10" E.F. H, Chute, Curing Compd.	C.Y.	31	\$618.59
A033059	16' Conc. Wall, 4000 psi, 14" thick, 1.15 sq in rebar e.w., Curing Compd.	C.Y.	31	\$597.13
A033130	Curb, Concrete, 6"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	31	\$17.78
A033133	Curb, Concrete, 6"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	31	\$29.84
A033131	Curb, Concrete, 8"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	31	\$18.46
A033134	Curb, Concrete, 8"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	31	\$31.36
A033132	Curb, Concrete, Speed Bump, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	31	\$18.46
A033091	Slab, Concrete, 4", 3000psi, Curing compd., saw 10' o.c. each way	C.Y.	31	\$230.84
A033090	Slab, Concrete, 4", 3000psi, W1.4(10ga) 6x6 WWF, Curing compd., saw 30' o.c. each way	C.Y.	31	\$261.69
A033096	Slab, Concrete, 5", 3000psi, Curing compd., saw 12.5' o.c. each way	C.Y.	31	\$214.20
A033095	Slab, Concrete, 5", 3000psi, Curing compd., W6(2ga) 6x6 WWF. (joint spacing up to 110')	C.Y.	31	\$286.85
A033092	Slab, Concrete, 5", 3000psi, Curing compd., #4@18" E.W. (joint spacing up to 125')	C.Y.	31	\$280.07
A033102	Slab, Concrete, 5", 3000psi, Curing compd., #4@8" E.W.	C.Y.	31	\$355.40
A033097	Slab, Concrete, 5", 3000psi, Curing compd., #4@12" E.W. (joint spacing up to 180')	C.Y.	31	\$315.78
A033098	Slab, Concrete, 6", 3000psi, Curing compd., saw cut 15' o.c. each way	C.Y.	31	\$204.97
A033100	Slab, Concrete, 6", 3000psi, Curing compd., #4@18" E.W. (joint spacing up to 100')	C.Y.	31	\$294.73
A033094	Slab, Concrete, 6", 3000psi, Curing compd., #4@12" E.W. (joint spacing up to 150')	C.Y.	31	\$342.17
A033099	Slab, Concrete, 6", 3000psi, Curing compd., #5@10" E.W. (joint spacing up to 290')	C.Y.	31	\$350.07
A033093	Slab, Concrete, 7", 3000psi, Curing compd., saw cut 17.5' o.c. each way	C.Y.	31	\$198.37
A033101	Slab, Concrete, 8", 3000psi, Curing compd., saw cut 20' o.c. each way	C.Y.	31	\$193.42
A030110	Unreinforced Concrete	C.Y.	31	\$188.04
03 310 220 0150	Structural concrete, ready mix, delivered, 3000 psi - MATERIAL COST ONLY	C.Y.	-	\$113.21
03 310 220 0300	Structural concrete, ready mix, delivered, 4000 psi - MATERIAL COST ONLY	C.Y.	-	\$118.76
A023284	4" Perf. Field Drain, 12' deep, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$24.12
A023285	4" Perf. Field Drain, 12' deep, geotextile, bankrun gravel, incls. Mob	L.F.	1,5,11,41,54	\$24.58
A023261	4" Perf. Field Drain, 4-6' deep, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$10.59
A023262	4" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$11.00
A023263	4" Perf. Field Drain, 7-9' deep, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$12.83
A023264	4" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incls. Mob	L.F.	1,5,11,41,54	\$13.23
A023260	4" Perf. Footing Drain, stone, geotextile	L.F.	1,5,11,41,54	\$4.76
A023280	6" Perf. Field Drain, 4-6' deep, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$12.70
A023281	6" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$13.10
A023282	6" Perf. Field Drain, 7-9' deep, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$14.94
A023283	6" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incls. Mob	L.F.	1,5,11,41	\$15.34
L026.4.4.3	Bar Guard, 12" Heavy Duty, Trash Rack	EA.	41	\$95.00
L026.4.4.4	Bar Guard, 18" Heavy Duty, Trash Rack	EA.	41	\$145.00
L026.4.4.5	Bar Guard, 24" Heavy Duty, Trash Rack	EA.	41	\$205.00
L026.4.4.1	Bar Guard, 6" Heavy Duty, Trash Rack	EA.	41	\$65.00
L026.4.4.2	Bar Guard, 8" Heavy Duty, Trash Rack	EA.	41	\$75.00
A023290	Diversion or Waterway, Grassed	L.F.	1,5,11,21,22	\$6.96
A023291	Diversion or Waterway, Grassed, w/ Erosion Control Netting	L.F.	1,5,11,21,22,54	\$7.66
A023292	Diversion or Waterway, Stone Centered	L.F.	1,5,11,21,22	\$33.83
L151.4.2.6	Riser, perforated, for diversion or terrace 10" SDR 35	EA.	41	\$977.50
L151.4.2.4	Riser, perforated, for diversion or terrace 6" SDR 35	EA.	41	\$253.00

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
L151.4.2.5	Riser, perforated, for diversion or terrace 8" SDR 35	EA.	41	\$460.00
A015307	Backhoe (rented), 40-45 Hp, 1/2 CY Capacity, w/ operator	HR.	-	\$97.93
A015308	Backhoe (rented), Large, 100 Hp, 3/4 C.Y. Capacity, w/ operator	HR.	-	\$105.56
A015306	Dozer (rented), Large, 200 Hp, w/ operator	HR.	-	\$240.14
A015304	Dozer (rented), Medium, 105 Hp, w/ operator	HR.	-	\$136.78
A015305	Dozer (rented), Medium, 140 Hp, w/ operator	HR.	-	\$173.55
A015303	Dozer (rented), Small - Finish Work, 75 Hp, w/ operator	HR.	-	\$118.74
A015402	Dump Truck (rented), off-road, 25 ton capacity, w/ operator	HR.	-	\$228.05
A015400	Dump Truck (rented), tandum axle, 12 ton capacity, w/ operator	HR.	-	\$82.65
A015401	Dump Truck (rented), tri-axle, 12 ton capacity, w/ operator	HR.	-	\$98.33
A015302	Excavator (rented), Large, 1.5 CY Bucket, w/ operator	HR.	-	\$192.27
A015301	Excavator (rented), Medium, 1.0 CY Bucket, w/ operator	HR.	-	\$160.36
A015310	Excavator (rented), Medium, 3/4 CY Bucket, w/ operator	HR.	-	\$149.95
A015300	Excavator (rented), Small, 1/2 CY Bucket, w/ operator	HR.	-	\$122.90
A015403	Sheepsfoot Vibratory Roller (rented), 200 h.p., w/ operator	HR.	-	\$215.86
A015309	Skid Steer Loader (rented), Large, 78 Hp, 1.0 C.Y. Capacity, w/ operator	HR.	-	\$97.16
A015404	Smooth Drum Vibratory Roller (rented), 125 h.p., w/ operator	HR.	-	\$161.75
L015.6.9.15	Tandum Dump Truck, hired	HR.	-	\$75.68
L014.1.13.12	Erosion Blanket Staples (Box of 1000)	EA.	-	\$158.00
L014.10.2.2	Geojute Erosion Control Blanket	S.Y.	54	\$1.40
L014.10.1.1	Geotextile (non-woven)	S.Y.	54	\$2.20
L014.10.1.3	Geotextile (woven)	S.Y.	54	\$2.50
L014.1.13.8	Hydroseeding / Mulching on critical area	ACRE	52	\$2,600.00
L014.1.13.1	Mulch, hay -- hand applied	ACRE	52	\$600.00
L014.1.13.9	Mulch, straw -- cost per 40 lb bale	EA.	52	\$12.25
L014.1.13.13	Mulch, Straw, organic - delivered	TON	52	\$600.00
L014.10.2.3	Straw Erosion Control Blanket	S.Y.	54	\$1.50
L014.1.13.10	Wood chips	S.Y.	52	\$2.00
L020.5.1.4	Borrow, 3/4" Crushed Stone, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$24.54
L020.5.1.5	Borrow, 3/4" Crushed Stone, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$25.97
L020.5.1.6	Borrow, 3/4" Crushed Stone, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$28.85
L020.5.1.29	Borrow, 3/4" Crushed Stone, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$31.72
L020.5.1.19	Borrow, 3/4" Plant Mix, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$23.28
L020.5.1.20	Borrow, 3/4" Plant Mix, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$24.71
L020.5.1.21	Borrow, 3/4" Plant Mix, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$27.59
L020.5.1.30	Borrow, 3/4" Plant Mix, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$30.46
L020.5.1.1	Borrow, 1.5" Crushed Stone, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$23.47
L020.5.1.2	Borrow, 1.5" Crushed Stone, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$24.91
L020.5.1.3	Borrow, 1.5" Crushed Stone, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$27.79
L020.5.1.28	Borrow, 1.5" Crushed Stone, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$30.66
L020.5.1.31	Borrow, 1.5" Plant Mix, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$22.53
L020.5.1.32	Borrow, 1.5" Plant Mix, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$23.97
L020.5.1.33	Borrow, 1.5" Plant Mix, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$26.84
L020.5.1.34	Borrow, 1.5" Plant Mix, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$29.72
L020.5.1.7	Borrow, Bank Run Gravel, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$21.52
L020.5.1.8	Borrow, Bank Run Gravel, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$22.95
L020.5.1.9	Borrow, Bank Run Gravel, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$25.83
L020.5.1.35	Borrow, Bank Run Gravel, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$28.70
L020.5.1.16	Borrow, Bank Sand, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$21.52
L020.5.1.17	Borrow, Bank Sand, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$22.95
L020.5.1.18	Borrow, Bank Sand, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$25.83
L020.5.1.36	Borrow, Bank Sand, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$28.70
L020.5.1.10	Borrow, Common Fill-incl. Clay, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$15.11
L020.5.1.11	Borrow, Common Fill-incl. Clay, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$16.54
L020.5.1.12	Borrow, Common Fill-incl. Clay, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$19.42
L020.5.1.37	Borrow, Common Fill-incl. Clay, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$22.29
L020.5.1.25	Borrow, Rock RipRap, 5 mile round trip (0.6 hrs)	C.Y.	1,5,11	\$29.99
L020.5.1.26	Borrow, Rock RipRap, 10 mile round trip (0.8 hrs)	C.Y.	1,5,11	\$31.43
L020.5.1.27	Borrow, Rock RipRap, 20 mile round trip (1.2 hrs)	C.Y.	1,5,11	\$34.30
L020.5.1.38	Borrow, Rock RipRap, 30 mile round trip (1.6 hrs)	C.Y.	1,5,11	\$37.18
L020.5.1.13	Borrow, Washed Mfg. Sand, 5 mile round trip (0.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$18.73
L020.5.1.14	Borrow, Washed Mfg. Sand, 10 mile round trip (0.8 hrs), spread w/ dozer	C.Y.	1,5,11	\$20.17
L020.5.1.15	Borrow, Washed Mfg. Sand, 20 mile round trip (1.2 hrs), spread w/ dozer	C.Y.	1,5,11	\$23.05
L020.5.1.39	Borrow, Washed Mfg. Sand, 30 mile round trip (1.6 hrs), spread w/ dozer	C.Y.	1,5,11	\$25.92
A023299	Hauling, Borrow, 1/2 mi. RT, Off Road Truck, inc. loading & spread w/ dozer, no mat. \$	C.Y.	1,5,11	\$14.47
A023300	Hauling, Borrow, 2 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	1,5,11	\$9.35
A023305	Hauling, Borrow, 5 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	1,5,11	\$10.08
A023310	Hauling, Borrow, 10 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	1,5,11	\$11.53
A023315	Hauling, Borrow, 20 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	1,5,11	\$14.43
02 315 492 1414	Hauling, loose cubic yards, 1/4 mile round trip, 12 C.Y. dump truck, excludes loading	L.C.Y.	-	\$6.74
02 315 492 1416	Hauling, loose cubic yards, 1 mile round trip, 12 C.Y. dump truck, excludes loading	L.C.Y.	-	\$7.16
02 055 150 0800	Topsoil, weed free, spread with dozer, includes load and haul, approx.15 miles RT.	C.Y.	1,5,11	\$37.73
02 315 416 2900	Drilling & blasting rock- boulders, drilled and blasted (min. 100 C.Y.)	C.Y.	1,5,11	\$33.19
02 315 416 0020	Drilling & blasting rock- open face (min. 225 C.Y., max. 1500 C.Y.)	C.Y.	1,5,11	\$16.60
02 315 416 0200	Drilling & blasting rock- w/ blasting mats (min. 175 C.Y., max. 1500 C.Y.)	C.Y.	1,5,11	\$20.40
02 315 416 1300	Drilling & blasting rock-deep hole method (min. 50 C.Y., max. 1500 C.Y.)	C.Y.	1,5,11	\$62.83
02 315 416 1900	Drilling & blasting rock-restricted areas (min. 13 C.Y., max. 1500 C.Y.)	C.Y.	1,5,11	\$233.49
02 315 424 1500	Excavating, bulk, 3/4 C.Y. capacity = 45 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	1,5,11	\$2.75
02 315 424 0200	Excavating, bulk, 1 C.Y. capacity = 75 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	1,5,11	\$2.65

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
02 315 424 0250	Excavating, bulk, 1-1/2 C.Y. cap. = 100 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	1,5,11	\$2.39
02 315 424 0260	Excavating, bulk, 2 C.Y. cap. = 130 C.Y./hour, backhoe, hydraulic, crawler mounted	C.Y.	1,5,11	\$1.95
02 315 432 3240	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 150' haul	C.Y.	1,5,11	\$8.09
02 315 432 3340	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 300' haul	C.Y.	1,5,11	\$13.79
02 315 432 4240	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 150' push	C.Y.	1,5,11	\$7.31
02 315 432 4440	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 300' push	C.Y.	1,5,11	\$13.95
02 315 432 3220	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 150' haul	C.Y.	1,5,11	\$5.08
02 315 432 3320	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 300' haul	C.Y.	1,5,11	\$11.44
02 315 432 4220	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 150' push	C.Y.	1,5,11	\$4.60
02 315 432 4420	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 300' push	C.Y.	1,5,11	\$8.80
02 315 432 3200	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 150' haul, dozer	C.Y.	1,5,11	\$4.44
02 315 432 3300	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 300' haul, dozer	C.Y.	1,5,11	\$9.84
02 315 432 4200	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 150' haul, dozer	C.Y.	1,5,11	\$3.98
02 315 432 4400	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 300' haul, dozer	C.Y.	1,5,11	\$7.66
02 315 462 6040	Excavating, structural, bank measure, common earth, 1 C.Y. bucket, hydr. backhoe	C.Y.	1,5,11	\$16.96
02 315 462 6110	Excavating, structural, clay, till or blasted rock, 3/4 C.Y. bucket, hydr. backhoe	B.C.Y.	1,5,11	\$20.79
02 315 462 6120	Excavating, structural, clay, till or blasted rock, 1 C.Y. bucket, hydr. backhoe	B.C.Y.	1,5,11	\$19.31
02 315 610 0910	Excavating, trench, 10' to 14' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	1,5,11	\$5.86
02 315 610 0110	Excavating, trench, 4' to 6' deep, 3/4 C.Y. bucket, expose pipe, hydraulic backhoe	C.Y.	1,5,11	\$6.35
02 315 610 0100	Excavating, trench, 4' to 6' deep, 5/8 C.Y. bucket, hydraulic backhoe	C.Y.	1,5,11	\$7.30
02 315 610 0510	Excavating, trench, 6' to 10' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	1,5,11	\$5.28
02 315 610 0500	Excavating, trench, 6' to 10' deep, 3/4 C.Y. bucket, hydraulic backhoe	C.Y.	1,5,11	\$8.47
02 315 610 0060	Excavating, trench, common earth, 1' to 4' deep, 1/2 C.Y. cap., tractor loader/backhoe	C.Y.	1,5,11	\$7.80
A023150	Excavation-Rock, drilling, blasting, hauling away 4 mi RT, >225 C.Y.	C.Y.	1,5,11	\$34.50
A023155	Excavation-Rock, ripped w/ dozer	C.Y.	1,5,11	\$27.91
02 910 810 0400	Loam or topsoil, F.E. loader, remove, stockpile on site, spread frm pile to rough grade	C.Y.	1,5,11	\$5.49
02 230 500 0100	Stripping, topsoil, sandy loam, adverse cond., 200 H.P. dozer, stripping and stockpile	C.Y.	1,5,11	\$2.06
02 230 500 0020	Stripping, topsoil, sandy loam, ideal conditions, 200 H.P. dozer, stripping & stockpile	C.Y.	1,5,11	\$1.03
02 230 500 0600	Topsoil stripping and stockpiling, clay, dry and soft, ideal conditions, 200 H.P. dozer	C.Y.	1,5,11	\$1.47
02 230 500 1420	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer	C.Y.	1,5,11	\$2.73
02 230 500 1430	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer	C.Y.	1,5,11	\$4.56
02 230 500 0700	Topsoil stripping and stockpiling, topsoil, clay, dry and soft, adverse conditions, 200 H.P. doz	C.Y.	1,5,11	\$2.96
02 315 110 1300	Backfill, bulk, up to 300' haul, dozer backfilling, excludes compaction	C.Y.	1,5,11	\$1.99
02 315 110 2300	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with sheepsfoot roller	C.Y.	1,5,11	\$4.49
02 315 110 2200	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with vibrating roller	C.Y.	1,5,11	\$4.13
02 315 640 0050	Bedding, for pipe and conduit, crushed or screened bank run gravel, exc. compaction	C.Y.	1,5,11	\$39.63
02 315 320 0100	Compaction, structural, 10 tons, steel wheel tandem roller	Hr.	1,5,11	\$113.68
02 315 320 0020	Compaction, structural, 5 tons, steel wheel tandem roller	Hr.	1,5,11	\$101.20
02 315 320 0300	Compaction, structural, common fill, 8" lifts, sheepsfoot or wobbly wheel roller	C.Y.	1,5,11	\$1.65
02 315 320 0600	Compaction, structural, common fill, 8" lifts, vibratory plate	C.Y.	1,5,11	\$2.49
02 240 500 0600	Dewatering, pumping, 8 hr., attended 2 hours per day, 2" diaphragm pump	Day	1,5,11	\$175.50
02 240 500 0800	Dewatering, pumping, 8 hr., attended 8 hours per day, 2" diaphragm pump	Day	1,5,11	\$697.72
02 315 640 0500	Fill by borrow and utility bedding, for pipe and conduit, compacting bedding in trench	C.Y.	1,5,11	\$5.52
02 315 640 0100	Fill by borrow and utility bedding, for pipe and conduit, crushed stone, 3/4" to 1/2", excludes c	C.Y.	1,5,11	\$37.54
02 315 640 0200	Fill by borrow and utility bedding, for pipe and conduit, sand, dead or bank, excludes compac	C.Y.	1,5,11	\$31.65
02 310 100 0100	Fine grade, for roadway, large area, 6,000 S.Y. or more	S.Y.	1,5,11	\$1.00
02 310 100 0012	Fine grading, finish grading, small area, to be paved with grader	S.Y.	1,5,11	\$5.00
02 305 250 1200	Mobilization or demobilization, for small equipment on flatbed trailer, maximum	Ea.	-	\$196.03
02 305 250 1400	Mob. or demob. dozer, loader, backhoe or excavator, 70 H.P. to 250 H.P., up to 50 mi.	Ea.	-	\$840.47
L014.1.14.2	Broadcasting Seed (not including seed)	ACRE	52	\$12.15
L014.1.14.6	Broadcasting Seed, w/ ATV (Not including seed)	ACRE	52	\$10.00
L014.3.1.0	Chisel Plow	ACRE	-	\$17.50
L014.3.1.8	Conventional Seeding (alfalfa, clover, etc., not including seed)	ACRE	-	\$17.90
L014.3.1.7	Cultivating	ACRE	-	\$15.00
L014.3.1.15	Deep plowing (10" or more)	ACRE	-	\$27.00
L014.3.1.3	Disc Harrow in tandem w/cultipacker	ACRE	-	\$17.50
L014.3.1.1	Disk Plow	ACRE	-	\$17.50
L014.3.1.11	Disking, Tandem	ACRE	-	\$15.75
L014.3.1.21	Drill Small Grains, Conventional Till	ACRE	-	\$16.00
L014.3.1.22	Drill Small Grains, Minimum Till	ACRE	-	\$17.50
L014.3.4.1	Farm tractor with implement, labor, fuel (75 hp or less)	HR.	-	\$50.00
L014.3.4.2	Farm tractor with implement, labor, fuel (140 hp)	HR.	-	\$80.00
L014.3.4.3	Farm tractor with implement, labor, fuel (225 hp)	HR.	-	\$110.00
L014.3.1.2	Harrowing	ACRE	-	\$14.00
L014.3.1.20	Harrowing, Spring Tooth	ACRE	-	\$14.00
L014.3.1.14	Manure loading, solid manure	HR.	-	\$45.00
L014.3.1.13	Manure pumping	HR.	-	\$35.50
L014.3.1.24	Manure spreading - Injecting Liquid Manure	GAL.	-	\$0.01
L014.3.1.12	Manure spreading (liquid manure)	HR.	-	\$80.00
L014.3.3.1	Manure spreading (solid manure)	HR.	-	\$50.00
L014.3.1.5	Molboard plow (sod)	ACRE	-	\$25.00
L014.3.1.4	Molboard plow (stubble)	ACRE	-	\$23.00
L014.3.2.1	Mowing Hay	ACRE	-	\$15.75
L014.3.2.2	Mowing/conditioning	ACRE	-	\$15.00
L014.3.1.9	No-till drill	ACRE	-	\$19.00
L014.3.1.17	No-till planter	ACRE	-	\$19.75
L014.3.2.3	Raking Hay	ACRE	-	\$10.00
L014.3.1.16	Rotary Mower	HR.	-	\$14.00
L014.3.1.18	Side dressing (fertilizer not included)	ACRE	-	\$11.25

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
L014.3.3.2	Spreading Lime (lime not included)	ACRE	52	\$12.75
L014.3.3.4	Spraying for weed control (chemicals not included)	ACRE	-	\$10.75
L014.3.3.3	Spreading bulk dry fertilizer (not including fertilizer)	ACRE	52	\$10.00
L014.3.1.19	Spreading bulk liquid fertilizer (not including fertilizer)	ACRE	52	\$11.00
L014.3.2.23	Stalk Shredding, PTO	ACRE	-	\$15.00
L014.7.1.22	Brace, Corner Type, Fence	EA.	50	\$150.00
L014.7.1.23	Brace, End Type, Fence	EA.	50	\$110.00
L014.7.1.6	Fence, Barbed Wire, 3 strand	L.F.	50	\$2.70
L014.7.1.7	Fence, Barbed Wire, 4 strand	L.F.	50	\$3.00
02 820 140 0050	Fence, Chain Link, 5' high, 1 5/8" posts 10' o.c.	L.F.	50	\$12.88
02 820 140 0100	Fence, Chain Link, 6' high, 1 5/8" posts 10' o.c.	L.F.	50	\$19.57
L014.7.1.17	Fence, Deer, Net Fence	L.F.	50	\$5.50
L014.7.1.2	Fence, Electric, 2 strand (Non High Tensile)	L.F.	50	\$0.90
L014.7.1.35	Fence, Electric, 2 strand (temporary fencing)	L.F.	50	\$0.30
L014.7.1.9	Fence, High Tensile, 2 strand	L.F.	50	\$1.65
L014.7.1.10	Fence, High Tensile, 3 strand	L.F.	50	\$1.75
L014.7.1.11	Fence, High Tensile, 4 strand	L.F.	50	\$2.10
L014.7.1.12	Fence, High Tensile, 5 strand	L.F.	50	\$2.35
L014.7.1.13	Fence, High Tensile, 6 strand	L.F.	50	\$2.65
L014.7.1.20	Fence, Ribbon Fence (for horses - 3 ribbons with posts)	L.F.	50	\$1.65
L014.7.1.4	Fence, Wood, 3 board	L.F.	50	\$5.50
L014.7.1.24	Fencing Energizer	EA.	50	\$355.00
L014.7.1.25	Fencing Solar Panel	EA.	50	\$310.00
L014.7.1.36	Fencing, Deer (Woven Wire) Fence, Installed	L.F.	50	\$9.45
L014.7.1.15	Fencing, Galvanized Woven wire, 4ft high	L.F.	50	\$1.10
L014.7.1.18	Fencing, Poly Net (sheep & chickens)	L.F.	50	\$1.10
L014.7.1.19	Fencing, Poly Wire	L.F.	50	\$0.05
L014.7.1.3	Fencing, Portable Battery Energizer (Use with Solar Panel)	EA.	50	\$250.00
L014.7.1.5	Fencing, Ribbon	EA.	50	\$0.13
L014.7.1.16	Fencing, Steel wire (Electric) 12.5 gauge	L.F.	50	\$0.06
L014.7.2.2	Gate, Fence, heavy duty	L.F.	50	\$17.90
L014.7.2.1	Gate, Fence, light duty	L.F.	50	\$12.35
L014.7.2.4	Gate, Fence, Spring Type, 2 Wire	EA.	50	\$23.00
L014.7.1.30	Handle for Gate	EA.	50	\$3.50
L014.7.1.31	Post Hole Digging	EA.	50	\$4.40
L014.7.1.26	Post, Fence, Cedar 6 ft	EA.	50	\$3.50
L014.7.1.32	Post, Fence, HD T Post, 6ft	EA.	50	\$10.50
L014.7.1.27	Post, Fence, Pressure Treated 4x4x8	EA.	50	\$11.35
L014.7.1.34	Fencing, Portable Posts	EA.	50	\$3.30
L014.25.1.4	Remove old Fenceline (3-6' wide)	L.F.	50	\$0.70
L014.24.12.2	Safety Signs, Structure, attached to fence	EA.	50	\$33.55
L014.1.2.8	Ammonium sulfate (NH4) 2S04 0-0-20 w/24% sulfur	TON	-	\$314.00
L014.1.2.87	Compost	TON	-	\$70.00
L014.1.2.88	Organic Soil Amendment-Bone Char 0-16-0 (25-50# bags)	LB	-	\$0.60
L014.1.2.9	DAP 18-46-0	TON	-	\$535.00
L014.1.2.51	DAP 18-46-0 (25-50# bags)	LB	-	\$0.28
L014.1.2.1	Fertilizer 0-10-40- .2 boron	TON	-	\$463.00
L014.1.2.59	Fertilizer 0-10-40- .2 boron (25-50# bags)	LB	-	\$0.24
L014.1.2.2	Fertilizer 10-10-10	TON	-	\$301.00
L014.1.2.3	Fertilizer 10-10-10 (25-50# bags)	LB	-	\$0.16
L014.1.2.4	Fertilizer 10-20-10	TON	-	\$365.00
L014.1.2.46	Fertilizer 10-20-10 (25-50# bags)	LB	-	\$0.20
L014.1.2.43	Fertilizer 10-20-20	TON	-	\$431.00
L014.1.2.44	Fertilizer 10-20-20 (25-50# bags)	LB	-	\$0.23
L014.1.2.45	Fertilizer 10-20-20-1.2 magnesium	TON	-	\$452.00
L014.1.2.37	Fertilizer 10-6-4	TON	-	\$248.00
L014.1.2.38	Fertilizer 10-6-4 (25-50# bags)	LB	-	\$0.15
L014.1.2.39	Fertilizer 15-15-15	TON	-	\$403.00
L014.1.2.40	Fertilizer 15-15-15 (25-50# bags)	LB	-	\$0.22
L014.1.2.41	Fertilizer 19-19-19	TON	-	\$494.00
L014.1.2.42	Fertilizer 19-19-19 (25-50# bags)	LB	-	\$0.26
L014.1.2.53	Fertilizer 21-0-0	TON	-	\$315.00
L014.1.2.54	Fertilizer 21-0-0 (25-50# bags)	LB	-	\$0.17
L014.1.2.7	Fertilizer 23-12-18	TON	-	\$485.00
L014.1.2.49	Fertilizer 23-12-18 (25-50# bags)	LB	-	\$0.25
L014.1.2.63	Fertilizer 5-10-10	TON	-	\$268.00
L014.1.2.64	Fertilizer 5-10-10 (25-50# bags)	LB	-	\$0.14
L014.1.2.61	Fertilizer 5-10-5	TON	-	\$248.00
L014.1.2.62	Fertilizer 5-10-5 (25-50# bags)	LB	-	\$0.15
L014.1.2.65	Fertilizer 5-20-20	TON	-	\$410.00
L014.1.2.36	Fertilizer 5-20-20 (25-50# bags)	LB	-	\$0.22
L014.1.2.47	Fertilizer 5-8-12	TON	-	\$334.00
L014.1.2.50	Fertilizer 5-8-12 (25-50# bags)	LB	-	\$0.18
L014.1.2.13	Lime (calcium) delivered and spread	TON	-	\$50.00
L014.1.2.14	Lime (calcium) in bags	TON	-	\$220.00
L014.1.2.90	Lime Ash	TON	-	\$32.00
L014.1.2.16	MAP 11-52-0	TON	-	\$546.00
L014.1.2.48	MAP 11-52-0 (25-50# bags)	LB	-	\$0.28
L014.1.2.86	Organic Soil Amendment-Bone Char 0-16-0	TON	-	\$400.00

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
L014.1.2.82	Organic Soil Amendment-Cheep Cheep 4-3-3	TON	-	\$478.00
L014.1.2.89	Organic Soil Amendment-Chilean Nitrate 16-0-0	TON	-	\$1,000.00
L014.1.2.81	Organic Soil Amendment-Nitrogen	LB	-	\$1.00
L014.1.2.83	Organic Soil Amendment-Phosphorus (plant available form)	LB	-	\$1.90
L014.1.2.84	Organic Soil Amendment-Potassium	LB	-	\$1.50
L014.1.2.91	Organic Soil Amendment-Pro Booster 10-0-0 (25-50# bags)	LB	-	\$0.80
L014.1.2.85	Organic Soil Amendment-Sulphate of Potash 0-0-52	TON	-	\$1,524.00
L014.1.2.70	Organic Soil Amendment-Sul-Po-Mag 0-0-22 11Mg, 22S	LB	-	\$600.00
L014.1.2.80	Organic Soil Amendment-Sul-Po-Mag 0-0-22 11Mg, 22S (25-50# bags)	LB	-	\$0.60
L014.1.2.26	Potash 0-0-60	TON	-	\$489.00
L014.1.2.68	Potash 0-0-60 (25-50# bags)	LB	-	\$0.25
L014.1.2.28	Urea 46-0-0	TON	-	\$464.00
L014.1.2.58	Urea 46-0-0 (25-50# bags)	LB	-	\$0.24
A132530	Fuel Storage Structure 1000gal, - septic tank, posts, roof & lattice	E.A.	1,5,31,48	\$7,424.02
A132520	Fuel Storage Structure 275 gal, - septic tank, posts, roof & lattice	E.A.	1,5,31,48	\$4,595.59
A132525	Fuel Storage Structure 500 or 550gal, - septic tank, posts, roof & lattice	E.A.	1,5,31,48	\$4,998.09
13 201 300 3330	Fuel Tank, steel, above grd, double wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	-	\$13,194.61
13 201 300 3320	Fuel Tank, steel, above grd, double wall, 500 gal, incl. cradles, coating & fittings	Ea.	-	\$3,821.29
13 201 300 3080	Fuel Tank, steel, above grd, single wall, 1,000 gal, incl. cradles, coating & fittings	Ea.	-	\$5,573.40
13 201 300 3100	Fuel Tank, steel, above grd, single wall, 1,500 gal, incl. cradles, coating & fittings	Ea.	-	\$11,606.71
13 201 300 3120	Fuel Tank, steel, above grd, single wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	-	\$13,932.34
13 201 300 3040	Fuel Tank, steel, above grd, single wall, 275 gal, incl. cradles, coating & fittings	Ea.	-	\$859.79
13 201 300 3060	Fuel Tank, steel, above grd, single wall, 550 gal, incl. cradles, coating & fittings	Ea.	-	\$5,189.63
L014.10.2.2	Geojute Erosion Control Blanket	S.Y.	54	\$1.40
L014.10.1.1	Geotextile (non-woven)	S.Y.	54	\$2.20
L014.10.1.3	Geotextile (woven)	S.Y.	54	\$2.50
A027450	Liner, pond, LLDPE, 40 mil., incl. sand cushion, geotextile, liner & inst.	S.F.	1,5,11,54	\$2.10
L014.10.3.3	Liner, pond, LLDPE, 40 mil., includes geotextile, up to two boots, field welding, typ. prep. wor	S.F.	54	\$1.45
L014.10.2.3	Straw Erosion Control Blanket	S.Y.	54	\$1.50
02 370 700 0100	Synthetic erosion control, plastic netting, 20 mil, 2" x 1" mesh, stapled	S.Y.	54	\$0.69
02 370 700 1100	Synthetic erosion control, silt fence, polypropylene, allow 25% per month maintenance; 6 moi	0	54	\$0.00
02 370 700 1000	Synthetic erosion control, silt fence, install and maintain, remove, 3' high	L.F.	54	\$2.07
L014.25.5.14	1 1/4" Check Valve	EA.	41	\$39.00
L014.25.5.5	3/4" Check Valve	EA.	41	\$27.00
L014.25.1.2	Float Valve Assembly - not installed	EA.	41	\$25.00
L014.25.5.0	Heat Tube	EA.	41	\$80.00
L014.25.1.1	Hydrant, Frost Free Hydrant - material cost only	EA.	41	\$85.00
L014.25.5.4	Lead out hose	EA.	41	\$30.00
L014.25.5.13	Lightning Choke	EA.	-	\$12.00
L014.25.5.7	Pasture Irrigation System - 40 mm low density poly pipe	L.F.	41	\$0.83
L014.25.5.8	Pasture Irrigation System - 40 mm pipe union	EA.	41	\$24.00
L014.25.5.15	Pasture Irrigation System - all components excluding pump	ACRE	41	\$350.00
L014.25.5.10	Pasture Irrigation System - Hook caps (for end of lines)	EA.	41	\$14.25
L014.25.5.9	Pasture Irrigation System - Male adapters for 1&1/2 " pipe tread	EA.	41	\$12.00
L014.25.5.6	Pasture Irrigation System - Pod kit with Nozzle	EA.	41	\$88.50
L014.25.5.11	Pasture Irrigation System - Pressure indicator	EA.	41	\$12.00
L014.25.5.12	Pasture Irrigation System - straight couplings	EA.	41	\$16.00
L014.16.2.0	Pipeline, Black Poly, 3/4", 100 psi, material cost only	L.F.	41	\$0.40
L014.16.2.1	Pipeline, Black Poly, 3/4", 160 psi, material cost only	L.F.	41	\$0.60
L014.16.2.2	Pipeline, Black Poly, 1", 100 psi, material cost only	L.F.	41	\$0.60
L014.16.2.3	Pipeline, Black Poly, 1", 160 psi, material cost only	L.F.	41	\$0.70
L014.16.2.4	Pipeline, Black Poly, 1-1/4", 160 psi, material cost only	L.F.	41	\$1.30
L014.16.2.5	Pipeline, Black Poly, 1-1/2", 160 psi, material cost only	L.F.	41	\$1.88
L014.16.2.7	Pipeline, Black Poly, 2", 100 psi, material cost only	L.F.	41	\$1.26
L014.16.2.6	Pipeline, Black Poly, 2", 160 psi, material cost only	L.F.	41	\$2.33
L014.25.6.2	Pump, HydroRam, 1"	EA.	51	\$340.00
L014.25.6.3	Pump, HydroRam, 1-1/2"	EA.	51	\$375.00
L014.25.6.4	Pump, HydroRam 2"	EA.	51	\$425.00
L014.25.6.5	Pump, Nose Operated, Pasture	EA.	51	\$400.00
L014.25.6.8	Pump, Nose Operated, Pasture - Frost Free (installed)	EA.	51	\$1,720.00
L014.25.6.7	Pump, Solar, w/ 2 panels	EA.	51	\$2,700.00
L014.25.6.1	Pump, Water, 5hp, 200gpm	EA.	51	\$370.00
L014.25.6.6	Pump, Water, Permanently Mounted	EA.	51	\$635.00
L014.16.2.9	Shallow trench for buried pipeline (installed with plow /back blade)	EA.	41	\$0.75
L014.16.2.8	Stainless Steel Pipe Clamp, (3/4" - 1 1/2")	EA.	41	\$0.90
L014.25.5.2	Valve, Quick Coupler (male + female)	EA.	41	\$10.00
L014.25.5.1	Valve, Vacuum or Pressure Relief	EA.	41	\$20.00
L014.25.3.2	Water Facility - Heated - Insulated Livestock Waterer	EA.	-	\$600.00
L014.25.3.8	Water Stock Tank, Movable 35 Gal Polyethylene Barrel, Used	EA.	-	\$25.00
L014.25.3.9	Water Stock Tank, Polyethylene- 50 Gallon	EA.	-	\$86.00
L014.25.3.10	Water Stock Tank, Polyethylene- 70 Gallon	EA.	-	\$90.00
L014.25.3.11	Water Stock Tank, Polyethylene- 100 Gallon	EA.	-	\$105.00
L014.25.3.12	Water Stock Tank, Polyethylene- 150 Gallon	EA.	-	\$170.00
L014.25.3.13	Water Stock Tank, Polyethylene- 300 Gallon	EA.	-	\$265.00
L014.1.5.0	Herbicide - Glyphosate 40-55%	Gal.	-	\$55.00
L014.1.5.1	Herbicide - Triclopyr 40-50%	Gal.	-	\$100.00
L014.1.5.3	Herbicides and Insecticides (for corn)	ACRE	-	\$43.00
L014.1.5.2	Labor, Herbicide Applicator	HR.	-	\$50.00
02 540 400 2800	Crushed stone for trench, 3/4", excludes excavation, piping & fabric	C.Y.	1,5,11	\$56.22

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
02 540 400 2400	Excavate trench for disposal field, 4' wide, w/ backhoe	L.F.	1,5,11	\$4.82
L023.10.1.4	Geotextile - Non Woven	S.Y.	54	\$2.53
A025325	Infiltration Chamber- excav., chamber, stone, pipe, geotextile & backfill included	L.F.	1,5,11,41,54	\$49.54
A025320	Infiltration trench - excav., stone, pipe, geotextile & backfill included	L.F.	1,5,11,41,54	\$25.39
L025.6.7.1	Leaching Camber - material cost only	L.F.	41	\$24.15
02 530 780 2000	Pipe - PVC, Perforated, 4" diameter, SDR 35, excludes excavation or backfill	L.F.	1,5,11,41	\$4.94
07 210 900 2100	Wall insulation, rigid, expanded polystyrene, 1" thick, R3.85	S.F.	-	\$0.80
07 210 900 2120	Wall insulation, rigid, expanded polystyrene, 2" thick, R7.69	S.F.	-	\$1.17
07 210 900 2140	Wall insulation, rigid, expanded polystyrene, 3" thick, R11.49	S.F.	-	\$1.50
L014.1.18.30	Labor - Consulting Forester	EA.	-	\$50.00
L014.6.13.4	Labor, Building Fence	HR.	-	\$17.00
L014.6.13.3	Labor, Operating Machinery	HR.	-	\$14.50
L014.6.13.5	Labor, skilled	HR.	-	\$20.00
L014.6.13.1	Labor, unskilled	HR.	-	\$11.00
L014.6.13.2	Labor, unskilled w/ chainsaw	HR.	-	\$27.00
A020219	Walkway, 4' wide, strip, geotextile fabric, 8" stone.	L.F.	1,5,11,54	\$13.00
A020220	Lane, 8' wide, strip, geotextile fabric, 8" gravel, seeding - incls. Mob.	L.F.	1,5,11,54	\$22.36
A020221	Lane, 8' wide, strip, geotextile fabric, 12" gravel, seeding - incls. Mob.	L.F.	1,5,11,54	\$25.68
A020240	Lane, 12' wide, strip, geotextile fabric, 8" gravel, seeding - incls. Mob.	L.F.	1,5,11,54	\$28.21
A020241	Lane, 12' wide, strip, geotextile fabric, 12" gravel, seeding - incls. Mob.	L.F.	1,5,11,54	\$33.17
A020170	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed & Mob.	L.F.	1,5,11,54	\$31.49
A020171	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 18" gravel, seed & Mob.	L.F.	1,5,11,54	\$38.93
A020172	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed.	L.F.	1,5,11,54	\$29.81
A020173	Access Road, 12' wide w/ 1' sholders, strip, fabric, 18" gravel, seed.	L.F.	1,5,11,54	\$37.25
A020190	Access Road, 16' wide, strip, geotextile fabric, 12" gravel, seed - incls. Mob.	L.F.	1,5,11,54	\$41.11
A020191	Access Road, 16' wide, strip, geotextile fabric, 18" gravel, seed - incls. Mob.	L.F.	1,5,11,54	\$51.03
A020192	Access Road, 16' wide, strip, geotextile fabric, 12" gravel & seed.	L.F.	1,5,11,54	\$39.43
A020193	Access Road, 16' wide, strip, geotextile fabric, 18" gravel & seed	L.F.	1,5,11,54	\$49.34
15 830 100 8540	Hopper Bldg Exhaust Fan, 800 cfm, 1/12 h.p.	Ea.	-	\$1,198.87
A061460	Hopper Building, w/ slab, frost wall, windows, metal roof & exhaust fan	S.F.	1,5,11,31,48	\$92.73
A061470	Hopper Building, wood structure, no conc., metal roof, window, exhaust fan.	Ea.	48	\$6,958.56
06 110 552 0530	Lattice, pressure treated, HD, installed	S.F.	48	\$1.58
A061541	Lumber, Pressure treated , 2" x 4", installed	L.F.	41	\$0.51
A061542	Lumber, Pressure treated , 2" x 6", installed	L.F.	41	\$0.78
A061543	Lumber, Pressure treated , 2" x 8", installed	L.F.	41	\$1.05
A061544	Lumber, pressure treated , 2" x 10", installed	L.F.	41	\$1.40
A061545	Lumber, pressure treated , 2" x 12", installed	L.F.	41	\$1.95
A061546	Lumber, Pressure treated , 4" x 4", installed	L.F.	41	\$0.78
A061547	Lumber, Pressure treated , 4" x 6", installed	L.F.	41	\$1.05
A061548	Lumber, pressure treated , 4" x 8", installed	L.F.	41	\$1.40
A061540	Lumber, Pressure Treated, 6x6, installed as post or column	L.F.	41	\$8.27
A061535	Lumber, Pressure Treated, 8x8, installed as post or column	L.F.	41	\$13.91
A061530	Lumber, Pressure Treated, 10x10, installed as post or column	L.F.	41	\$21.90
A061549	Glulam Post, Pressure Treated	B.F.	41	\$5.02
L014.19.1.14	Glulam PT Post, 6-3/4"x8-1/4", installed, foundation not included	L.F.	48	\$26.13
L014.19.1.12	Glulam PT Post, 8-1/2 "x11", installed, foundation not included	L.F.	48	\$43.87
L014.19.1.13	Glulam PT Post, 10-1/2"x13-3/4", installed, foundation not included	L.F.	48	\$67.76
02 630 510 2520	8" CMP, galvanized uncoated, 20' lengths, 16 ga.,excludes excavation and backfill	L.F.	54	\$15.33
02 630 510 2540	10" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	54	\$18.40
02 630 510 2560	12" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	54	\$21.90
02 630 510 2600	18" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	54	\$28.22
02 630 510 2620	24" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	54	\$34.43
02 630 510 2640	30" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	54	\$48.75
02 630 510 2660	36" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	54	\$56.28
02 630 510 2680	48" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	54	\$76.89
02 630 510 2690	60" CMP, galvanized uncoated, 20' lengths, 10 ga., excludes excavation and backfill	L.F.	54	\$123.41
L025.16.1.0	Pipe, Corrugated Plastic Tubing, single wall, perforated, 4", material cost only	L.F.	41	\$1.20
L025.16.1.1	Pipe, Corrugated Plastic Tubing, single wall, perforated, 6", material cost only	L.F.	41	\$3.03
L026.16.1.3	Pipe, Corrugated HDPE, Dbl Wall, 8", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$7.18
L026.16.1.4	Pipe, Corrugated HDPE, Dbl Wall, 10", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$10.20
L026.16.1.5	Pipe, Corrugated HDPE, Dbl Wall, 12", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$11.61
L026.16.1.6	Pipe, Corrugated HDPE, Dbl Wall, 15", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$16.16
L026.16.1.7	Pipe, Corrugated HDPE, Dbl Wall, 18", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$22.37
L026.16.1.8	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$33.76
L026.16.1.10	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$37.75
L026.16.1.12	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$46.93
L026.16.1.13	Pipe, Corrugated HDPE, Dbl Wall, 48", 20' lengths, SOIL TIGHT, material cost only	L.F.	41	\$91.95
02 445 300 0100	Horizontal boring, 24" diameter casing, includes casing only, 100' min., exc. pits	L.F.	-	\$383.29
02 445 300 0200	Horizontal boring, 36" diameter casing, includes casing only, 100' min., exc. pits	L.F.	-	\$569.42
02 445 300 0300	Horizontal boring, 48" diameter casing, includes casing only, 100' min., exc. pits	L.F.	-	\$698.56
A023505	Elbow, HDPE 24" WATER TIGHT - installed w/ clean stone backfill	E.A.	1,5,11,41	\$1,084.10
L026.24.1.23	Elbow, HDPE 24" WATER TIGHT - material cost only	EA.	41	\$535.00
A023506	Elbow, HDPE 30" WATER TIGHT - installed w/ clean stone backfill	E.A.	1,5,11,41	\$1,874.38
L026.24.1.24	Elbow, HDPE 30" WATER TIGHT - material cost only	EA.	41	\$1,137.00
A023507	Elbow, HDPE 36" WATER TIGHT - installed w/ clean stone backfill	E.A.	1,5,11,41	\$2,543.22
L026.24.1.25	Elbow, HDPE 36" WATER TIGHT - material cost only	EA.	41	\$1,676.00
L026.24.1.26	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, WATER TIGHT, material cost only	L.F.	41	\$35.05
L026.24.1.27	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, WATER TIGHT, material cost only	L.F.	41	\$40.36
L026.24.1.28	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, WATER TIGHT, material cost only	L.F.	41	\$54.85

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
A023500	Pipe, HDPE 24" WATER TIGHT - installed w/ clean stone envelope	L.F.	1,5,11,41	\$77.33
A023501	Pipe, HDPE 30" WATER TIGHT - installed w/ clean stone envelope	L.F.	1,5,11,41	\$85.11
A023502	Pipe, HDPE 36" WATER TIGHT - installed w/ clean stone envelope	L.F.	1,5,11,41	\$102.07
A023400	3/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	1,5,11,41	\$4.65
A023405	1" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	1,5,11,41	\$4.75
A023410	1 1/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	1,5,11,41	\$5.35
A023415	1 1/2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	1,5,11,41	\$5.93
A023420	2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill	L.F.	1,5,11,41	\$6.38
L151.17.3.6	Ball Valve, 3 Way, True Union, Socket, 1-1/2"	EA.	41	\$230.00
L151.17.3.7	Ball Valve, 3 Way, True Union, Socket, 2"	EA.	41	\$251.85
L151.17.3.0	Ball Valve, Socket, 1-1/2", PVC	EA.	41	\$17.25
L151.17.3.1	Ball Valve, Socket, 2", PVC	EA.	41	\$26.45
L151.17.3.2	Ball Valve, True Union, Socket, 1-1/2"	EA.	41	\$75.90
L151.17.3.3	Ball Valve, True Union, Socket, 2"	EA.	41	\$102.35
L151.17.3.5	Ball Valve, True Union, Socket, 3"	EA.	41	\$163.30
L151.17.3.8	Check Valve, True Union, PVC, 1 1/2"	EA.	41	\$115.00
L151.17.3.9	Check Valve, True Union, PVC, 2"	EA.	41	\$150.65
L151.17.3.10	Check Valve, True Union, PVC, 3"	EA.	41	\$368.00
A025590	Pipe, PVC, SCH 40, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$6.54
L025.17.2.2	Pipe, PVC, SCH. 40, 2" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$1.31
A025600	Pipe, PVC, SCH 40, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$7.47
L025.17.2.3	Pipe, PVC, SCH. 40, 3" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$2.38
A025605	Pipe, PVC, SCH 40, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$8.46
L025.17.2.4	Pipe, PVC, SCH. 40, 4" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$3.52
A025550	Pipe, PVC, SDR 26, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$6.63
L025.17.2.10	Pipe, PVC, SDR 26, 2" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$1.41
A025555	Pipe, PVC, SDR 26, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$7.85
L025.17.2.11	Pipe, PVC, SDR 26, 3" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$2.82
A025560	Pipe, PVC, SDR 26, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$9.45
L025.17.2.12	Pipe, PVC, SDR 26, 4" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$4.66
A025565	Pipe, PVC, SDR 26, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$15.08
L025.17.2.13	Pipe, PVC, SDR 26, 6" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$9.87
A025570	Pipe, PVC, SDR 26, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$20.48
L025.17.2.14	Pipe, PVC, SDR 26, 8" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$16.08
A025575	Pipe, PVC, SDR 26, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$20.22
L025.17.2.15	Pipe, PVC, SDR 26, 10" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$15.78
A025580	Pipe, PVC, SDR 26, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$30.96
L025.17.2.16	Pipe, PVC, SDR 26, 12" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$22.22
A025585	Pipe, PVC, SDR 26, 16" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$45.35
L025.17.2.17	Pipe, PVC, SDR 26, 16" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$36.60
L026.17.4.0	Headwall & Rodent Guard, 4"-8" pipe	EA.	41	\$125.00
A025520	Pipe, PVC, SDR 35, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$6.61
L025.17.1.5	Pipe, PVC, SDR 35, 4" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$1.39
A025525	Pipe, PVC, SDR 35, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$9.07
L025.17.1.6	Pipe, PVC, SDR 35, 6" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$2.96
A025530	Pipe, PVC, SDR 35, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$11.12
L025.17.1.7	Pipe, PVC, SDR 35, 8" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$5.31
A025535	Pipe, PVC, SDR 35, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$13.73
L025.17.1.8	Pipe, PVC, SDR 35, 10" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$8.31
A025540	Pipe, PVC, SDR 35, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$20.68
L025.17.1.9	Pipe, PVC, SDR 35, 12" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$11.94
A025545	Pipe, PVC, SDR 35, 15" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	1,5,11,41	\$26.50
L025.17.1.10	Pipe, PVC, SDR 35, 15" Dia., Material cost only (Local cost)	L.F.	1,5,11,41	\$17.76
L151.18.2.1	16" dia. Elbow, Steel, 15 or 30 deg., MATERIAL COST ONLY	EA.	41	\$393.00
L151.18.2.3	16" dia. Elbow, Steel, 45 deg., MATERIAL COST ONLY	EA.	41	\$570.00
L151.18.2.4	16" dia. Elbow, Steel, 60 deg long radius., MATERIAL COST ONLY	EA.	41	\$892.00
L151.18.2.11	16" dia. Elbow, Steel, 90 deg. Long radius, MATERIAL COST ONLY	EA.	41	\$1,111.00
A151508	16" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	1,5,11,41	\$135.84
L151.18.2.0	16" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	41	\$72.00
15 107 620 2070	Pipe, steel, black, welded, 2" diameter, schedule 40, Welded	L.F.	41	\$21.95
15 107 620 2090	Pipe, steel, black, welded, 3" diameter, schedule 40, Welded	L.F.	41	\$35.89
15 107 620 2110	Pipe, steel, black, welded, 4" diameter, schedule 40, Welded	L.F.	41	\$45.60
15 107 620 2130	Pipe, steel, black, welded, 6" diameter, schedule 40, Welded	L.F.	41	\$81.65
A151480	Steel Pipe, 2" dia., SCH 40, material cost only	L.F.	41	\$7.85
A151485	Steel Pipe, 3" dia., SCH 40, material cost only	L.F.	41	\$15.45
A151490	Steel Pipe, 4" dia., SCH 40, material cost only	L.F.	41	\$21.50
A151495	Steel Pipe, 6" dia., SCH 40, material cost only	L.F.	41	\$43.00
02 830 700 4600	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 9' H, inc. backfill	L.F.	1,5,11,44	\$267.53
02 830 700 4900	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 12' H, inc. backfill	L.F.	1,5,11,44	\$439.04
02 830 700 4350	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' w, 6' h, inc. backfill	L.F.	1,5,11,44	\$125.56
02 830 700 5000	Retain. walls, stone filled gabions, galv., hwy surcharge, 3' W, 12' L, 3' H, inc. backfill	L.F.	1,5,11,44	\$586.22
02 830 700 4500	Retain. walls, stone filled gabions, hwy surcharge, 3' W, 6' L, 3' H, inc. backfill	L.F.	1,5,11,44	\$236.56
02 830 700 4700	Retain.walls, stone filled gabions, galv., hwy surcharge, 3' W, 9' L, 3' H, inc. backfill	L.F.	1,5,11,44	\$405.64
02 370 450 0600	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 12" deep	S.Y.	1,5,11,44	\$79.89
02 370 450 0700	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 18" deep	S.Y.	1,5,11,44	\$112.29
02 370 450 0800	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 36" deep	S.Y.	1,5,11,44	\$166.60
02 370 450 0500	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 9" deep	S.Y.	1,5,11,44	\$64.26
02 370 450 0100	Rip-rap and rock lining, random, broken stone, machine placed for slope protection	C.Y.	1,5,11,44	\$63.06
02 370 450 0200	Rip-rap, random, broken stone, 18" min. thickness, machine placed slope protection	S.Y.	1,5,11,44	\$92.04

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
07 710 650 0012	Aluminum gutters, stock units, plain, 5" box, .027" thick	L.F.	-	\$6.70
07 710 650 0300	Aluminum gutters, stock units, plain, 5" box, .032" thick	L.F.	-	\$7.28
L061.21.2.0	Roof Structure - hoop type, truss arch w/ fabric. Foundation - posts or wall not included.	S.F.	1,5,11,46,48	\$11.25
A061520	Roof Structure - hoop type, truss arch w/ fabric, mounted on 8x10 PT posts.	S.F.	1,5,11,46,48	\$17.69
A061525	Roof Structure - hoop type, truss arch w/ fabric, mounted on PT glulam posts.	S.F.	1,5,11,46,48	\$19.71
A061500	Roof Structure - pole type w/ wood truss & metal roof, mounted on PT posts.	S.F.	1,5,11,46,48	\$20.76
A023440	Trench Drain for roof runoff, 2'w x 3' d, stone backfill	L.F.	1,5,11,41	\$14.08
L014.1.3.1	"Conservation Mix"	LB.	52	\$1.90
L014.1.3.23	"Pasture Mix" (Typical Cool Season)	LB.	52	\$3.05
L014.1.3.3	"Pasture Mix" (Typical Cool Season) (organic)	LB.	52	\$4.90
L014.1.3.5	Alfalfa	LB.	52	\$4.65
L014.1.3.7	Alfalfa (organic)	LB.	52	\$5.00
L014.1.3.8	Annual ryegrass	LB.	52	\$0.95
L014.1.3.53	Barley	LB.	52	\$0.60
L014.1.3.10	Barley (organic)	LB.	52	\$1.10
L014.1.3.11	Birdsfoot trefoil	LB.	52	\$4.95
L014.1.3.54	Buckwheat	LB.	52	\$0.95
L014.1.3.13	Buckwheat (organic)	LB.	52	\$1.05
L014.1.3.14	Chickory	LB.	52	\$7.30
L014.1.3.15	Clover - Alsike	LB.	52	\$1.90
L014.1.3.16	Clover - Alsike (organic)	LB.	52	\$3.00
L014.1.3.64	Clover - Dutch white	LB.	52	\$3.80
L014.1.3.17	Clover - Dutch white (organic)	LB.	52	\$4.40
L014.1.3.18	Clover - Ladino	LB.	52	\$4.00
L014.1.3.19	Clover - Mammoth red	LB.	52	\$2.45
L014.1.3.20	Clover - Red	LB.	52	\$3.40
L014.1.3.21	Clover - Red (organic)	LB.	52	\$4.75
L014.1.3.22	Clover - White	LB.	52	\$4.00
L014.1.3.24	Creeping Red Fescue	LB.	52	\$2.05
L014.1.3.26	Hairy Vetch	LB.	52	\$2.90
L014.1.3.27	Hairy Vetch (organic)	LB.	52	\$4.00
L014.1.3.63	Inoculant (treats 50-60 lbs of legume)	PKG	52	\$4.80
L014.1.3.28	Kentucky Bluegrass	LB.	52	\$2.75
L014.1.3.69	Native Wildflower Mix for Pollinators	LB.	52	\$65.00
L014.1.3.33	Oats (organic)	LB.	52	\$1.25
L014.1.3.32	Oats, bulk	LB.	52	\$0.40
L014.1.3.34	Orchardgrass	LB.	52	\$2.55
L014.1.3.35	Orchardgrass (organic)	LB.	52	\$5.60
L014.1.3.36	Perennial Ryegrass	LB.	52	\$2.60
L014.1.3.57	Perennial Ryegrass (Organic)	LB.	52	\$3.45
L014.1.3.39	Smooth Bromegrass	LB.	52	\$1.75
L014.1.3.68	Smooth Bromegrass (organic)	LB.	52	\$4.30
L014.1.3.66	Sorghum-Sudangrass	LB.	52	\$1.25
L014.1.3.42	Tall Fescue (Endophyte-Free)**	LB.	52	\$2.10
L014.1.3.41	Tall Fescue (Ky-31) (requires approval)	LB.	52	\$1.75
L014.1.3.44	Timothy	LB.	52	\$1.90
L014.1.3.45	Timothy (organic)	LB.	52	\$3.15
L014.1.3.48	Wildflower mix (perennial)	LB.	52	\$45.00
L014.1.3.50	Winter Cereal Rye (in 50 lb bulk bags)	LB.	52	\$0.32
L014.1.3.70	Winter Cereal Rye (organic)	LB.	52	\$0.75
A014340	Seed, Lime, Fertilize & Mulch - meets VT Eng. Spec. #52	ACRE	52	\$1,468.10
02 920 310 0600	Seeding, mechanical apply limestone, 50 lbs per M.S.F., hand push spreader	M.S.F.	52	\$9.19
02 920 310 0800	Seeding, mechanical seeding grass seed, 4.5 lbs per M.S.F., hand push spreader	M.S.F.	52	\$27.18
02 910 500 0350	Soil preparation, mulching, hay, 1" deep, power mulcher, large	M.S.F.	52	\$74.61
02 910 500 0250	Soil preparation, mulching, hay, 1" deep, power mulcher, small	M.S.F.	52	\$79.53
L014.1.4.1	Big Bluestem	LB.	52	\$14.00
L014.1.4.2	Deertongue	LB.	52	\$16.00
L014.1.4.8	Eastern Gamma Grass	LB.	52	\$12.00
L014.1.4.3	Indiangrass	LB.	52	\$14.00
L014.1.4.4	Little Bluestem	LB.	52	\$15.00
L014.1.4.6	Sand Lovegrass	LB.	52	\$12.00
L014.1.4.7	Switchgrass	LB.	52	\$13.00
01 450 500 4400	Soil testing, Atterberg limits, liquid and plastic limits	Ea.	ASTM's	\$65.00
01 450 500 4510	Soil testing, hydrometer analysis	Ea.	ASTM's	\$120.00
01 450 500 4750	Soil testing, moisture content, ASTM D 2216	Ea.	ASTM's	\$10.00
01 450 500 4780	Soil testing, permeability test, double ring infiltrometer	Ea.	ASTM's	\$550.00
01 450 500 4800	Soil testing, permeability, variable or constant head, undisturbed, ASTM D 2434	Ea.	ASTM's	\$250.00
01 450 500 4900	Soil testing, proctor compaction, 4" standard mold, ASTM D 698	Ea.	ASTM's	\$135.00
01 450 500 4950	Soil testing, proctor compaction, 6" modified mold	Ea.	ASTM's	\$75.00
01 450 500 4600	Soil testing, sieve analysis, washed, ASTM D 422	Ea.	ASTM's	\$60.00
01 450 500 4530	Soil testing, specific gravity, ASTM D 354	Ea.	ASTM's	\$48.00
A014160	Soil Testing, waste storage pond-classification & permeability	EA.	-	\$880.00
02 210 700 0130	Subsurface investigation, test pits, loader/backhoe, heavy soil	C.Y.	1,5,11	\$77.42
02 210 700 0120	Subsurface investigation, test pits, loader/backhoe, light soil	C.Y.	1,5,11	\$55.52
A022515	Testpits for Manure Storage, approx. 4 pits	L.S.	1,5,11	\$1,544.99
L014.1.18.25	Brush mats with staples - 3x3 ft	EA.	-	\$1.80
L014.1.18.31	Forest Stand Improvement, Marking	ACRE	-	\$35.00
L014.1.18.42	Labor - collecting and planting live stakes	EA.	-	\$17.00
L014.1.18.46	Labor - collecting, assembling and installing wattles	HR.	-	\$17.00

Item #	Item	Unit	Construction Specifications	Burlington Unit Cost
L014.1.18.30	Labor - Consulting Forester	EA.	-	\$50.00
L014.1.18.47	Labor - installing wattles	L.F.	-	\$2.50
L014.1.18.41	Labor - planting live stakes	EA.	-	\$1.00
L014.1.18.27	Labor - planting tree or shrub only	EA.	-	\$2.00
L014.1.18.28	Labor - planting tree or shrub with protector, mat and stake	EA.	-	\$4.00
L014.20.2.3	Live Stakes	EA.	-	\$1.50
L014.1.18.36	Rooted Cuttings, 6-18", native and local	EA.	-	\$1.75
L014.1.18.26	Stakes - 4 ft hardwood	EA.	-	\$2.32
L014.1.18.40	Stakes - Bamboo	EA.	-	\$0.24
L014.1.18.18	Tree or shrub - 1-2 ft bare root, native	EA.	-	\$2.45
L014.1.18.34	Tree or shrub - 2-3 ft bare root, native	EA.	-	\$2.95
L014.1.18.19	Tree or shrub - 3-4 ft bare root, native	EA.	-	\$3.45
L014.1.18.35	Tree or shrub - 4-5 ft bare root, native	EA.	-	\$3.95
L014.1.18.20	Tree or shrub - 5+ ft bare root, native	EA.	-	\$4.50
L014.1.18.7	Tree or shrub, conifer - 1-2 ft bare root	EA.	-	\$2.25
L014.1.18.8	Tree or shrub, conifer - 2-3 ft bare root	EA.	-	\$3.10
L014.1.18.9	Tree or shrub, conifer - 3-4 ft bare root	EA.	-	\$5.00
L014.1.18.10	Tree or shrub, conifer - 4-5 ft bare root	EA.	-	\$7.73
L014.1.18.3	Tree or shrub, deciduous - 1-2 ft bare root	EA.	-	\$1.40
L014.1.18.4	Tree or shrub, deciduous - 2-3 ft bare root	EA.	-	\$1.60
L014.1.18.5	Tree or shrub, deciduous - 3-4 ft bare root	EA.	-	\$2.75
L014.1.18.6	Tree or shrub, deciduous - 4-5 ft bare root	EA.	-	\$4.50
L014.1.18.29	Tree or Shrub, labor, protector, mat and stake	EA.	-	\$8.70
L014.1.18.37	Tree protectors 24"	EA.	-	\$1.40
L014.1.18.38	Tree Protectors 36"	EA.	-	\$2.00
L014.1.18.39	Tree protectors 48"	EA.	-	\$2.25
L014.1.18.22	Tublings, 6" native	EA.	-	\$2.00
L014.20.2.4	Wattles or Fascines 4-8" diameter, local	L.F.	-	\$3.00
L151.18.2.10	6" Reception pit 2 valve system, for PTO type pump, riser, valves, flex hose, elbow, clamps	EA.	41	\$2,875.00
L151.18.2.6	Guillotine Safety Valve, 12" dia. , material cost only	EA.	41	\$2,645.00
L151.18.2.5	Guillotine Safety Valve, 16" dia. , material cost only	EA.	41	\$2,760.00
L151.18.2.8	Guillotine Safety Valve, 6" dia. , material cost only	EA.	41	\$808.45
L151.18.2.7	Guillotine Safety Valve, 8" dia. , material cost only	EA.	41	\$1,092.50
L014.24.5.4	Manure Agitator, propeller w/ 10 hp electric motor, includes wiring	EA.	51	\$9,430.00
L014.24.3.6	Manure Pump, 4" Electric, liquid manure only, w/ 10hp motor, use 6" transfer pipe, inc. wiring	EA.	51	\$12,650.00
L014.24.3.1	Manure Pump, Agitator/Unload, trailer type, ~45', PTO type	EA.	51	\$23,000.00
L014.24.3.4	Manure Pump, Agitator/Unload, vertical wall type, 3pt hitch, ~12', PTO type	EA.	51	\$13,500.00
L014.24.5.3	Manure Pump, Hollow Piston Type-slurry manure, no conc. work , inc. wiring, safety valve	EA.	51	\$30,360.00
L014.24.5.7	Manure Pump, Solid Piston Type-solid manure, no conc. work , inc. wiring, safety valve	EA.	51	\$35,420.00
L014.24.4.1	Manure, Elevator, 40ft, suspended, inc. wiring, motor, chain, no concrete	EA.	51	\$20,125.00
A151510	Pushoff Safety Stop - 8' width, 4" steel pipe, 4" posts	EA.	41,46	\$1,283.86
A151505	Safety Grate-6' diam. , 4" steel pipe	Ea.	41,46	\$2,089.79
L151.24.12.1	Safety Signs, Structure or Hopper	EA.	50	\$40.25
L025.24.7.4	Sewage Pump, 2" solids handling, 0.5 - 1hp, inc floats, control & wiring	EA.	51	\$3,105.00
L025.24.7.2	Sewage Pump, 2" solids handling, 1.5 - 2hp, inc floats, control & wiring	EA.	51	\$3,565.00
L025.24.7.7	Sewage Pump, 2" solids, stainless, 0.5 - 1hp, inc floats, control & wiring	EA.	51	\$3,105.00
L025.24.7.3	Sewage Pump, 3" Agitator Type, vertical shaft, 3 - 5hp motor, includes wiring	EA.	51	\$7,245.00
L025.24.7.5	Sewage Pump, 3" solids handling, 3hp, inc floats, control & wiring	EA.	51	\$5,750.00
L025.24.7.8	Silage Leachate Screen, 2'x6', Aluminum Frame and screen	EA.	46,48	\$75.00
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.	-	\$2,078.05
02 520 510 1600	Well water, pumps, 1 HP, 4" submersible, 1 HP , installed in wells to 100 ft. deep	Ea.	-	\$977.57
02 520 510 1800	Well water, pumps, 2 HP, 4" submersible, 2 HP, installed in wells to 100' deep	Ea.	-	\$2,333.98
L014.25.4.1	Well, casing	V.F.	-	\$17.50
L014.25.4.5	Well, drilling	V.F.	-	\$10.50
L014.27.1.21	Brush and Tree Cutting, Biomass Harvest	ACRE	-	\$100.00
L014.27.1.13	Brush and Tree Cutting, heavy mechanical	ACRE	-	\$1,500.00
L014.27.1.19	Brush and Tree Cutting, intermediate mechanical	ACRE	-	\$1,100.00
L014.27.1.20	Brush and Tree Cutting, light mechanical	ACRE	-	\$700.00
L014.27.1.12	Brush and Tree Cutting, manual (chainsaw, brushsaw, etc)	ACRE	-	\$700.00
L014.27.1.3	Brushhogging, heavy duty	ACRE	-	\$57.00
L014.27.1.2	Delayed Mowing/Brushhogging, light duty	ACRE	-	\$33.00
L014.27.1.8	Vegetation Restoration – herbaceous plants (2" plugs)	EA.	-	\$1.25
L014.27.1.9	Vegetative Restoration – wetland seeding	ACRE	-	\$105.00