

## 2003 EQIP COST LIST - MASSACHUSETTS

FR = Flat Rate Cost	Applicant receives flat rate per unit applied regardless of final actual cost.
AA = Actual Cost not to exceed average cost	<p>Applicant receives the actual cost, based on submitted bills (not to exceed the average cost per unit installed), times the cost share rate.</p> <p>For example, the contract calls for 1000 ft of fence at an average cost of \$2.20 per ft. for a practice cost of \$2,200. The maximum government cost is then 75% or \$1,650. The bills for the installed fence show 900 ft actually installed for an actual total cost of \$1800. The installed unit cost is \$2.00. Since the actual unit cost is less than the AA value, the applicant receives 75% of \$1800 or \$1350. If the bills showed an actual unit cost of more than the AA cost of \$2.20, then the applicant would receive 75% of \$2.20 for the length installed.</p>
AM = Actual Cost not to exceed specified maximum	<p>Applicant receives the actual cost, based on submitted bills (not to exceed the maximum cost specified for the practice or component listed), times the listed cost share percentage. If the practice requires an engineering estimate, then the contract should show the engineer's estimate as the maximum amount.</p> <p>For example, an engineer's estimate is \$40,000 for a practice that is to receive 75% cost share. The contract would show the maximum cost (AM) of \$40,000, with a maximum government cost of \$30,000. The bills for the installed practice shows \$36,000, so the applicant receives \$27,000. If the bills showed an installed cost of more than \$40,000, then the applicant would receive 75% of the maximum amount, or \$30,000.</p> <p>Some component costs vary considerably (for instance, cost for irrigation filters depends highly on the rate of flow). The AM maximum costs for these components are set fairly high to cover the costs for the more expensive installations. The AM cost in the contract for these components should be based on a cost estimate for the specific project whenever possible (not to exceed the listed AM cost, however).</p>

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Cost Share Rate (%)	Max Govt Unit Cost
CNMP	Comprehensive Nutrient Mgmt Plan	CNMP1 - CNMP is required	EA	500	FR	100	\$500.00
CNMP	Comprehensive Nutrient Mgmt Plan	CNMP2 - Developing CNMP Voluntarily	EA	1000	FR	100	\$1,000.00
313	Waste Storage Facility	Concrete, floor and ramp	CY	175	AA	75	\$131.25
313	Waste Storage Facility	Cast in Place Walls, 6' & less	CY	235	AA	75	\$176.25
313	Waste Storage Facility	Cast in Place Walls, 8' & more	CY	265	AA	75	\$198.75
313	Waste Storage Facility	Concrete pump	HR	140	AA	75	\$105.00
313	Waste Storage Facility	Precast Concrete walls, 8'	LF	100	AA	75	\$75.00
313	Waste Storage Facility	Precast Concrete walls, 10'	LF	125	AA	75	\$93.75
313	Waste Storage Facility	Preapproved structure, Engin est.	EA	1	AM	75	xx
313	Waste Storage Facility	Concrete Block (face area)	SF	9	AA	75	\$6.75
313	Waste Storage Facility	Roof (footprint)	SF	9	AA	75	\$6.75
313	Waste Storage Facility	Timber Wall, 4'	LF	50	AA	75	\$37.50

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313	Waste Storage Facility	Timber Wall, 6'	LF	75	AA	75	\$56.25
313	Waste Storage Facility	Pressure Treated Lumber	BdFt	1.8	AA	75	\$1.35
313	Waste Storage Facility	Waste Storage Pond, Engin. Est	EA	1	AM	75	xx
313	Waste Storage Facility	Impervious Membrane	SF	1	AA	75	\$0.75
313	Waste Storage Facility	Bentonite, delivered & installed	Ton	400	AA	75	\$300.00
313	Waste Storage Facility	Geotextile Fabric	SF	.16	AA	75	\$0.12
313	Waste Storage Facility	Excavation, Earth, used on-site	CY	3.6	AA	75	\$2.70
313	Waste Storage Facility	Excavation, Earth, hauled on-site & spread	CY	6	AA	75	\$4.50
313	Waste Storage Facility	Excavation, Earth, hauled away	CY	8	AA	75	\$6.00
313	Waste Storage Facility	Excavation, Rock, ripped	CY	15	AA	75	\$11.25
313	Waste Storage Facility	Excavation, Rock, blasting	CY	30	AA	75	\$22.50
313	Waste Storage Facility	Earth Fill, Class C compaction	CY	3	AA	75	\$2.25
313	Waste Storage Facility	Earth Fill, Class C, on-site, hauled >200'	CY	6	AA	75	\$4.50
313	Waste Storage Facility	Earth Fill, Class C, hauled from off-site	CY	12	AA	75	\$9.00
313	Waste Storage Facility	Bank run sand & gravel	CY	11	AA	75	\$8.25
313	Waste Storage Facility	Gravel fill for foundation	CY	18	AA	75	\$13.50
313	Waste Storage Facility	Seeding	AC	850	AA	75	\$637.50
313	Waste Storage Facility	Safety Fence around facility	LF	8	AA	75	\$6.00
313	Waste Storage Facility	Concrete curbs	LF	3	AA	75	\$2.25
314	Brush Management	Mowing	AC	65	AA	50	\$32.50
314	Brush Management	Brush Hogging	AC	85	AA	50	\$42.50
314	Brush Management	Heavy Chipping	AC	3000	AM	50	\$1,500.00
314	Brush Management	Chemical/Biological Control	AC	700	AM	50	\$350.00
317	Composting Facility	Engineering Estimate	EA	1	AM	75	xx
324	Deep Tillage	Implementation	AC	4	FR	100	\$4.00
329	Residue Management	Implementation	Ac/Yr	20	FR	100	\$20.00
330	Contour Farming	Establishment	AC	6	FR	100	\$6.00
340	Cover Crop	Conventional Seeding	Ac/Yr	10	FR	100	\$10.00
340	Cover Crop	Aerial Seeding	Ac/Yr	15	FR	100	\$15.00
342	Critical Area Planting	Establishment	AC	750	AA	75	\$562.50
350	Sediment Basin	Engineering Estimate	EA	1	AM	50	xx
350	Sediment Basin, Ag Waste	Engineering Estimate	EA	1	AM	75	xx
356	Dike	Cranberry, mineral soils	LF	11	AA	50	\$5.50
356	Dike	Cranberry, Organic soils, Engin. est	EA	1	AM	50	\$0.50
362	Diversion	Construction	LF	4.8	AA	50	\$2.40
365	Anaerobic Digester - Ambient Temp	Engineering Estimate	EA	1	AM	50	xx
366	Anaerobic Digester - Controlled Temp	Engineering Estimate	EA	1	AM	50	xx
367	Waste Facility Cover	Engineering Estimate	EA	1	AM	50	xx
378	Pond	Excavation, spread <200' away	CY	4	AA	25	\$1.00
378	Pond	Excavation, Earth, hauled >200' & spread	CY	6	AA	25	\$1.50
378	Pond	Excavation, Earth, hauled off-site	CY	8	AA	25	\$2.00

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Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Cost Share Rate (%)	Max Govt Unit Cost
382	Fence	Barnyard	LF	3.6	AA	75	\$2.70
382	Fence	Safety Fence-Waste Storage Facility	LF	8	AA	75	\$6.00
382	Fence	High Tensile 2 strand	LF	1.3	AA	75	\$0.975
382	Fence	High Tensile 3 strand	LF	1.4	AA	75	\$1.050
382	Fence	High Tensile 4 strand	LF	1.5	AA	75	\$1.125
382	Fence	High Tensile 5 strand	LF	1.6	AA	75	\$1.20
382	Fence	High Tensile 6 strand	LF	1.9	AA	75	\$1.425
382	Fence	Conventional Electric 2 strand	LF	1.9	AA	75	\$1.425
382	Fence	Barbed Wire 4 strand	LF	2.1	AA	75	\$1.575
382	Fence	Barbed Wire 5 strand	LF	2.20	AA	75	\$1.65
382	Fence	Woven Wire	LF	2.4	AA	75	\$1.80
382	Fence	Wooden 3 board	LF	3.6	AA	75	\$2.70
382	Fence	Deer Fence	LF	5	AA	75	\$3.75
382	Fence	4' metal gate	EA	80	AA	75	\$60.00
382	Fence	Metal Gate 6-16'	LF	20	AA	75	\$15.00
386	Field Border	Establishment	AC	400	AA	75	\$300.00
391	Riparian Forest Buffer	100 ft width, 3 zone buffer	AC	815	AA	75	\$611.25
391	Riparian Forest Buffer	Mixed hardwood trees	AC	550	AA	75	\$412.50
391	Riparian Forest Buffer	Mixed Shrubs	AC	2610	AA	75	\$1,957.50
391	Riparian Forest Buffer	Grass buffer	AC	500	AA	75	\$375.00
393	Filter Strip	Seeded	SF	.28	AA	75	\$0.21
393	Filter Strip	Sodded	SF	.88	AA	75	\$0.66
410	Grade Stabilization Structure	Engineering Estimate	EA	1	AM	50	xx
412	Grassed Waterway	with seeding	LF	3.6	AA	50	\$1.80
412	Grassed Waterway	with stone center	LF	7.2	AA	50	\$3.60
430	Irrigation Water Conveyance	Cranberry Main, 50x60' spacing	AC	640	AA	75	\$480.00
430	Irrigation Water Conveyance	Cranberry Main, 50x60', H pattern	AC	880	AA	75	\$660.00
430	Irrigation Water Conveyance	Cranberry Main, 40x50' spacing	AC	660	AA	75	\$495.00
430	Irrigation Water Conveyance	Cranberry Main, 40x50', H pattern	AC	1000	AA	75	\$750.00
430	Irrigation Water Conveyance	Filter, Screen	EA	300	AM	50	\$150.00
430	Irrigation Water Conveyance	Filter, Disk	EA	1000	AM	50	\$500.00
430	Irrigation Water Conveyance	Filter, Media	EA	5000	AM	50	\$2,500.00
430	Irrigation Water Conveyance	Filter, Centrifugal Action Sand Separator	EA	300	AM	50	\$150.00
430	Irrigation Water Conveyance	Backflow Prevention, complete	EA	400	AM	50	\$200.00
430	Irrigation Water Conveyance	Poly Pipe, MDPE or HDPE, 1"	LF	1	AA	50	\$0.50
430	Irrigation Water Conveyance	Poly Pipe, MDPE or HDPE, 1.25"	LF	1.12	AA	50	\$0.56
430	Irrigation Water Conveyance	Poly Pipe, MDPE or HDPE, 1.5"	LF	1.2	AA	50	\$0.60
430	Irrigation Water Conveyance	Poly Pipe, MDPE or HDPE, 2"	LF	1.4	AA	50	\$0.70
430	Irrigation Water Conveyance	Poly Pipe, MDPE or HDPE, 3", 80psi	LF	2.2	AA	50	\$1.10
430	Irrigation Water Conveyance	Poly Pipe, MDPE or HDPE, 3", 160psi	LF	2.8	AA	50	\$1.40
430	Irrigation Water Conveyance	HDPE Pipe, 4", 80psi	LF	3.2	AA	50	\$1.60

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430	Irrigation Water Conveyance	HDPE Pipe, 4", 160psi	LF	4.2	AA	50	\$2.10
430	Irrigation Water Conveyance	HDPE Pipe, 6", 80psi	LF	5.8	AA	50	\$2.90
430	Irrigation Water Conveyance	HDPE Pipe, 6", 100psi	LF	6.4	AA	50	\$3.20
430	Irrigation Water Conveyance	HDPE Pipe, 6", 160psi	LF	8	AA	50	\$4.00
430	Irrigation Water Conveyance	HDPE Pipe, 8", 80psi	LF	10.2	AA	50	\$5.10
430	Irrigation Water Conveyance	HDPE Pipe, 8", 100psi	LF	11.2	AA	50	\$5.60
430	Irrigation Water Conveyance	HDPE Pipe, 8", 160psi	LF	14	AA	50	\$7.00
430	Irrigation Water Conveyance	HDPE Pipe, 10", 80psi	LF	15	AA	50	\$7.50
430	Irrigation Water Conveyance	HDPE Pipe, 10", 100psi	LF	16.8	AA	50	\$8.40
430	Irrigation Water Conveyance	HDPE Pipe, 10", 160psi	LF	21.2	AA	50	\$10.60
430	Irrigation Water Conveyance	HDPE Pipe, 12", 80psi	LF	18.6	AA	50	\$9.30
430	Irrigation Water Conveyance	HDPE Pipe, 12", 100psi	LF	21	AA	50	\$10.50
430	Irrigation Water Conveyance	HDPE Pipe, 12", 160psi	LF	27.4	AA	50	\$13.70
430	Irrigation Water Conveyance	PVC gasketed 1.5", 160psi	LF	1.4	AA	50	\$0.70
430	Irrigation Water Conveyance	PVC gasketed 2", 160psi	LF	1.6	AA	50	\$0.80
430	Irrigation Water Conveyance	PVC gasketed 3", 160psi	LF	3	AA	50	\$1.50
430	Irrigation Water Conveyance	PVC gasketed 4"160psi	LF	5	AA	50	\$2.50
430	Irrigation Water Conveyance	PVC gasketed 6", 160psi	LF	8	AA	50	\$4.00
430	Irrigation Water Conveyance	PVC gasketed 8", 160psi	LF	13	AA	50	\$6.50
430	Irrigation Water Conveyance	PVC gasketed 10", 160psi	LF	19	AA	50	\$9.50
430	Irrigation Water Conveyance	PVC gasketed 12", 160psi	LF	25	AA	50	\$12.50
430	Irrigation Water Conveyance	Air & Vacuum Valves, all types	EA	150	AM	50	\$75.00
430	Irrigation Water Conveyance	Drain valve	EA	150	AA	50	\$75.00
430	Irrigation Water Conveyance	Pressure Regulator	EA	30	AM	50	\$15.00
430	Irrigation Water Conveyance	Hydrants 4"x4"x4"	EA	170	AA	50	\$85.00
430	Irrigation Water Conveyance	Hydrants 6"x6"x4"	EA	185	AA	50	\$92.50
430	Irrigation Water Conveyance	Hydrants 6"x6"x6"	EA	220	AA	50	\$110.00
430	Irrigation Water Conveyance	Hydrants 8"x8"x4"	EA	205	AA	50	\$102.50
430	Irrigation Water Conveyance	Hydrants 8"x8"x6"	EA	250	AA	50	\$125.00
430	Irrigation Water Conveyance	Zee pipe 4"	EA	340	AA	50	\$170.00
430	Irrigation Water Conveyance	Zee pipe 6"	EA	380	AA	50	\$190.00
430	Irrigation Water Conveyance	Zee pipe 8"	EA	420	AA	50	\$210.00
430	Irrigation Water Conveyance	Zee pipe 10"	EA	500	AA	50	\$250.00
436	Irrigation Storage Reservoir (Pit)	Excavation, spread <200' away	CY	4	AA	25	\$1.00
436	Irrigation Storage Reservoir (Pit)	Excavation, Earth, hauled >200' & spread	CY	6	AA	25	\$1.50
436	Irrigation Storage Reservoir (Pit)	Excavation, Earth, hauled off-site	CY	8	AA	25	\$2.00
441	Irrigation System, Microirrigation	Engineering Estimate	EA	1	AM	50	xx
442	Irrigation System, Sprinkler	Cranberry system, 40x50'	AC	2100	AA	75	\$1,575.00
442	Irrigation System, Sprinkler	Cranberry retrofit, 50x60' to 50x40'	AC	1200	AA	75	\$900.00
442	Irrigation System, Sprinkler	Poly Pipe, MDPE or HDPE, 1"	LF	1	AA	50	\$0.50
442	Irrigation System, Sprinkler	Poly Pipe, MDPE or HDPE, 1.25"	LF	1.12	AA	50	\$0.56

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442	Irrigation System, Sprinkler	Poly Pipe, MDPE or HDPE, 1.5"	LF	1.2	AA	50	\$0.60
442	Irrigation System, Sprinkler	Poly Pipe, MDPE or HDPE, 2"	LF	1.4	AA	50	\$0.70
442	Irrigation System, Sprinkler	Poly Pipe, MDPE or HDPE, 3", 80psi	LF	2.2	AA	50	\$1.10
442	Irrigation System, Sprinkler	Poly Pipe, MDPE or HDPE, 3", 160psi	LF	2.8	AA	50	\$1.40
442	Irrigation System, Sprinkler	HDPE Pipe, 4", 80psi	LF	3.2	AA	50	\$1.60
442	Irrigation System, Sprinkler	HDPE Pipe, 4", 160psi	LF	4.2	AA	50	\$2.10
442	Irrigation System, Sprinkler	PVC gasketed 1.5", 160psi	LF	1.4	AA	50	\$0.70
442	Irrigation System, Sprinkler	PVC gasketed 2", 160psi	LF	1.6	AA	50	\$0.80
442	Irrigation System, Sprinkler	PVC gasketed 3", 160psi	LF	3	AA	50	\$1.50
442	Irrigation System, Sprinkler	PVC gasketed 4"160psi	LF	5	AA	50	\$2.50
447	Irrig Tailwater Recovery, Water Quality OR Quantity	Lift Pump, permanent	EA	10000	AM	50	\$5,000.00
447	Irrig Tailwater Recovery, Water Quality OR Quantity	Excavation, up to storage volume	CY	3.6	AA	50	\$1.80
447	Irrig Tailwater Recovery, Water Quality AND Quantity	Lift Pump, permanent	EA	10000	AM	75	\$7,500.00
447	Irrig Tailwater Recovery, Water Quality AND Quantity	Excavation, up to storage volume	CY	3.6	AA	75	\$2.70
449	Irrigation Water Management	Implementation	Ac/Yr	10	FR	100	\$10.00
466	Land Smoothing	Cranberry bog leveling	AC	250	FR	100	\$250.00
468	Lined Waterway or Outlet	Installation	LF	30	AA	50	\$15.00
484	Mulching	Biodegradable mulch	SF	0.10	AA	75	\$0.075
511	Forage Harvest Management	Implementation	AC	3	FR	100	\$3.00
512	Pasture & Hayland Planting	Establishment	AC	400	AA	50	\$200.00
516	Pipeline	Hydrant, frost free	EA	75	AA	50	\$37.50
516	Pipeline	Drain valve with enclosure	EA	90	AA	50	\$45.00
516	Pipeline	Hydro-ram pump	EA	300	AM	50	\$150.00
516	Pipeline	Poly Pipe, MDPE or HDPE, 1"	LF	1	AA	50	\$0.50
516	Pipeline	Poly Pipe, MDPE or HDPE, 1.25"	LF	1.12	AA	50	\$0.56
516	Pipeline	Poly Pipe, MDPE or HDPE, 1.5"	LF	1.2	AA	50	\$0.60
516	Pipeline	Poly Pipe, MDPE or HDPE, 2"	LF	1.4	AA	50	\$0.70
516	Pipeline	Poly Pipe, MDPE or HDPE, 3", 80psi	LF	2.2	AA	50	\$1.10
516	Pipeline	Poly Pipe, MDPE or HDPE, 3", 160psi	LF	2.8	AA	50	\$1.40
516	Pipeline	HDPE Pipe, 4", 80psi	LF	3.2	AA	50	\$1.60
516	Pipeline	HDPE Pipe, 4", 160psi	LF	4.2	AA	50	\$2.10
516	Pipeline	PVC gasketed 1.5", 160psi	LF	1.4	AA	50	\$0.70
516	Pipeline	PVC gasketed 2", 160psi	LF	1.6	AA	50	\$0.80
516	Pipeline	PVC gasketed 3", 160psi	LF	3	AA	50	\$1.50
516	Pipeline	PVC gasketed 4"160psi	LF	5	AA	50	\$2.50
528	Prescribed Grazing	Implementation	Ac/Yr	20	FR	100	\$20.00
533	Pumping Plant	Irrigation Pumping Plant, complete	EA	10000	AM	50	\$5,000.00
558	Roof Runoff Structure	Gutters & Downspouts	LF	7.6	AA	75	\$5.70
558	Roof Runoff Structure	Underground Outlet	LF	4	AA	75	\$3.00
558	Roof Runoff Structure	Drywell, Engin. Est	EA	1	AM	75	xx
558	Roof Runoff Structure	Runoff collection & reclamation, Engin. Est	EA	1	AM	75	xx

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560	Access Road	6-8' wide (No equipment)	LF	6	AA	25	\$1.50
560	Access Road	14' wide	LF	12	AA	25	\$3.00
560	Access Road	HDPE N12/HiQ 4"	LF	5	AA	25	\$1.25
560	Access Road	HDPE N12/HiQ 6"	LF	7.8	AA	25	\$1.95
560	Access Road	HDPE N12/HiQ 8"	LF	10.2	AA	25	\$2.55
560	Access Road	HDPE N12/HiQ 10"	LF	12.8	AA	25	\$3.20
560	Access Road	HDPE N12/HiQ 12"	LF	15.2	AA	25	\$3.80
560	Access Road	HDPE N12/HiQ 15"	LF	18.4	AA	25	\$4.60
560	Access Road	HDPE N12/HiQ 18"	LF	21.8	AA	25	\$5.45
560	Access Road	HDPE N12/HiQ 24"	LF	28.6	AA	25	\$7.15
560	Access Road	HDPE N12/HiQ 30"	LF	41	AA	25	\$10.25
560	Access Road	HDPE N12/HiQ 36"	LF	50	AA	25	\$12.50
560	Access Road	PVC Sewer Pipe, 4", SDR35	LF	5.6	AA	25	\$1.40
560	Access Road	PVC Sewer Pipe, 6", SDR35	LF	7.4	AA	25	\$1.85
560	Access Road	PVC Sewer Pipe, 8", SDR35	LF	9.8	AA	25	\$2.45
560	Access Road	PVC Sewer Pipe, 10", SDR35	LF	13	AA	25	\$3.25
560	Access Road	PVC Sewer Pipe, 12", SDR35	LF	16	AA	25	\$4.00
560	Access Road	Galv Steel Pipe, 6" helical, 18 ga	LF	8	AA	25	\$2.00
560	Access Road	Galv Steel Pipe, 8" helical, 18 ga	LF	9.4	AA	25	\$2.35
560	Access Road	Galv Steel Pipe, 10" helical, 16 ga	LF	11.8	AA	25	\$2.95
560	Access Road	Galv Steel Pipe, 12" helical, 16 ga	LF	13.2	AA	25	\$3.30
560	Access Road	Galv Steel Pipe, 15" helical, 16 ga	LF	16	AA	25	\$4.00
560	Access Road	Galv Steel Pipe, 18" helical, 16 ga	LF	18	AA	25	\$4.50
560	Access Road	Galv Steel Pipe, 24" helical, 16 ga	LF	24	AA	25	\$6.00
560	Access Road	Galv Steel Pipe, 30" helical, 16 ga	LF	31	AA	25	\$7.75
560	Access Road	Galv Steel Pipe, 36" helical, 16 ga	LF	38	AA	25	\$9.50
560	Access Road	Galv Steel Pipe, 42" helical, 14 ga	LF	49	AA	25	\$12.25
560	Access Road	Galv Steel Pipe, 48" helical, 14 ga	LF	56	AA	25	\$14.00
560	Access Road	Aluminized Steel Pipe, 12" helical, 16 ga	LF	15	AA	25	\$3.75
560	Access Road	Aluminized Steel Pipe, 15" helical, 16 ga	LF	18	AA	25	\$4.50
560	Access Road	Aluminized Steel Pipe, 18" helical, 16 ga	LF	22	AA	25	\$5.50
560	Access Road	Aluminized Steel Pipe, 24" helical, 16 ga	LF	28	AA	25	\$7.00
560	Access Road	Aluminized Steel Pipe, 30" helical, 16 ga	LF	36	AA	25	\$9.00
560	Access Road	Aluminized Steel Pipe, 36" helical, 16 ga	LF	45	AA	25	\$11.25
560	Access Road	Aluminized Steel Pipe, 42" helical, 14 ga	LF	57	AA	25	\$14.25
560	Access Road	Aluminized Steel Pipe, 48" helical, 14 ga	LF	65	AA	25	\$16.25
560	Access Road	Aluminum Pipe, 6" helical, 18 ga	LF	8.6	AA	25	\$2.15
560	Access Road	Aluminum Pipe, 8" helical, 18 ga	LF	10.4	AA	25	\$2.60
560	Access Road	Aluminum Pipe, 10" helical, 16 ga	LF	13.6	AA	25	\$3.40
560	Access Road	Aluminum Pipe, 12" helical, 16 ga	LF	15.4	AA	25	\$3.85
560	Access Road	Aluminum Pipe, 15" helical, 16 ga	LF	18	AA	25	\$4.50

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560	Access Road	Aluminum Pipe, 18" helical, 16 ga	LF	22	AA	25	\$5.50
560	Access Road	Aluminum Pipe, 24" helical, 16 ga	LF	29	AA	25	\$7.25
560	Access Road	Aluminum Pipe, 30" helical, 14 ga	LF	41	AA	25	\$10.25
560	Access Road	Aluminum Pipe, 36" helical, 14 ga	LF	50	AA	25	\$12.50
560	Access Road	Aluminum Pipe, 42" helical, 12 ga	LF	72	AA	25	\$18.00
560	Access Road	Aluminum Pipe, 48" helical, 12 ga	LF	82	AA	25	\$20.50
574	Spring Development	Complete installation	EA	3000	AA	50	\$1,500.00
575	Animal Trails & Walkways	6-8' wide (No equipment)	LF	6	AA	75	\$4.50
575	Animal Trails & Walkways	14' wide	LF	12	AA	75	\$9.00
575	Animal Trails & Walkways	HDPE N12/HiQ 4"	LF	5	AA	75	\$3.75
575	Animal Trails & Walkways	HDPE N12/HiQ 6"	LF	7.8	AA	75	\$5.85
575	Animal Trails & Walkways	HDPE N12/HiQ 8"	LF	10.2	AA	75	\$7.65
575	Animal Trails & Walkways	HDPE N12/HiQ 10"	LF	12.8	AA	75	\$9.60
575	Animal Trails & Walkways	HDPE N12/HiQ 12"	LF	15.2	AA	75	\$11.40
575	Animal Trails & Walkways	HDPE N12/HiQ 15"	LF	18.4	AA	75	\$13.80
575	Animal Trails & Walkways	HDPE N12/HiQ 18"	LF	21.8	AA	75	\$16.35
575	Animal Trails & Walkways	HDPE N12/HiQ 24"	LF	28.6	AA	75	\$21.45
575	Animal Trails & Walkways	HDPE N12/HiQ 30"	LF	41	AA	75	\$30.75
575	Animal Trails & Walkways	HDPE N12/HiQ 36"	LF	50	AA	75	\$37.50
575	Animal Trails & Walkways	PVC Sewer Pipe, 4", SDR35	LF	5.6	AA	75	\$4.20
575	Animal Trails & Walkways	PVC Sewer Pipe, 6", SDR35	LF	7.4	AA	75	\$5.55
575	Animal Trails & Walkways	PVC Sewer Pipe, 8", SDR35	LF	9.8	AA	75	\$7.35
575	Animal Trails & Walkways	PVC Sewer Pipe, 10", SDR35	LF	13	AA	75	\$9.75
575	Animal Trails & Walkways	PVC Sewer Pipe, 12", SDR35	LF	16	AA	75	\$12.00
575	Animal Trails & Walkways	Galv Steel Pipe, 6" helical, 18 ga	LF	8	AA	75	\$6.00
575	Animal Trails & Walkways	Galv Steel Pipe, 8" helical, 18 ga	LF	9.4	AA	75	\$7.05
575	Animal Trails & Walkways	Galv Steel Pipe, 10" helical, 16 ga	LF	11.8	AA	75	\$8.85
575	Animal Trails & Walkways	Galv Steel Pipe, 12" helical, 16 ga	LF	13.2	AA	75	\$9.90
575	Animal Trails & Walkways	Galv Steel Pipe, 15" helical, 16 ga	LF	16	AA	75	\$12.00
575	Animal Trails & Walkways	Galv Steel Pipe, 18" helical, 16 ga	LF	18	AA	75	\$13.50
575	Animal Trails & Walkways	Galv Steel Pipe, 24" helical, 16 ga	LF	24	AA	75	\$18.00
575	Animal Trails & Walkways	Galv Steel Pipe, 30" helical, 16 ga	LF	31	AA	75	\$23.25
575	Animal Trails & Walkways	Galv Steel Pipe, 36" helical, 16 ga	LF	38	AA	75	\$28.50
575	Animal Trails & Walkways	Galv Steel Pipe, 42" helical, 14 ga	LF	49	AA	75	\$36.75
575	Animal Trails & Walkways	Galv Steel Pipe, 48" helical, 14 ga	LF	56	AA	75	\$42.00
575	Animal Trails & Walkways	Aluminized Steel Pipe, 12" helical, 16 ga	LF	15	AA	75	\$11.25
575	Animal Trails & Walkways	Aluminized Steel Pipe, 15" helical, 16 ga	LF	18	AA	75	\$13.50
575	Animal Trails & Walkways	Aluminized Steel Pipe, 18" helical, 16 ga	LF	22	AA	75	\$16.50
575	Animal Trails & Walkways	Aluminized Steel Pipe, 24" helical, 16 ga	LF	28	AA	75	\$21.00
575	Animal Trails & Walkways	Aluminized Steel Pipe, 30" helical, 16 ga	LF	36	AA	75	\$27.00
575	Animal Trails & Walkways	Aluminized Steel Pipe, 36" helical, 16 ga	LF	45	AA	75	\$33.75

## 2003 EQIP COST LIST - MASSACHUSETTS

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Cost Share Rate (%)	Max Govt Unit Cost
575	Animal Trails & Walkways	Aluminized Steel Pipe, 42" helical, 14 ga	LF	57	AA	75	\$42.75
575	Animal Trails & Walkways	Aluminized Steel Pipe, 48" helical, 14 ga	LF	65	AA	75	\$48.75
575	Animal Trails & Walkways	Aluminum Pipe, 6" helical, 18 ga	LF	8.6	AA	75	\$6.45
575	Animal Trails & Walkways	Aluminum Pipe, 8" helical, 18 ga	LF	10.4	AA	75	\$7.80
575	Animal Trails & Walkways	Aluminum Pipe, 10" helical, 16 ga	LF	13.6	AA	75	\$10.20
575	Animal Trails & Walkways	Aluminum Pipe, 12" helical, 16 ga	LF	15.4	AA	75	\$11.55
575	Animal Trails & Walkways	Aluminum Pipe, 15" helical, 16 ga	LF	18	AA	75	\$13.50
575	Animal Trails & Walkways	Aluminum Pipe, 18" helical, 16 ga	LF	22	AA	75	\$16.50
575	Animal Trails & Walkways	Aluminum Pipe, 24" helical, 16 ga	LF	29	AA	75	\$21.75
575	Animal Trails & Walkways	Aluminum Pipe, 30" helical, 14 ga	LF	41	AA	75	\$30.75
575	Animal Trails & Walkways	Aluminum Pipe, 36" helical, 14 ga	LF	50	AA	75	\$37.50
575	Animal Trails & Walkways	Aluminum Pipe, 42" helical, 12 ga	LF	72	AA	75	\$54.00
575	Animal Trails & Walkways	Aluminum Pipe, 48" helical, 12 ga	LF	82	AA	75	\$61.50
580	Streambank Protection	All components	LF	40	AM	50	\$20.00
582	Open Channel	By-pass channels, cranberries	CY	3.6	AA	50	\$1.80
585	Strippcropping	Establishment	AC	40	FR	100	\$40.00
587	Structure for Water Control, Cranberries	Riser 24", Barrel 15" (w/ base plate)	EA	1480	AA	75	\$1,110.00
587	Structure for Water Control, Cranberries	Riser 30", Barrel 18" (w/ base plate)	EA	1640	AA	75	\$1,230.00
587	Structure for Water Control, Cranberries	Riser 36", Barrel 24" (w/ base plate)	EA	1840	AA	75	\$1,380.00
587	Structure for Water Control, Cranberries	Riser 48", Barrel 30" (w/ base plate)	EA	2300	AA	75	\$1,725.00
587	Structure for Water Control, Cranberries	Riser 54", Barrel 36" (w/ base plate)	EA	2640	AA	75	\$1,980.00
587	Structure for Water Control, Cranberries	Riser 60", Barrel 42" (w/ base plate)	EA	3000	AA	75	\$2,250.00
587	Structure for Water Control, Cranberries	Aluminum Pipe, 15" annular, 16 ga	LF	22	AA	75	\$16.50
587	Structure for Water Control, Cranberries	Aluminum Pipe, 18" annular, 16 ga	LF	26.8	AA	75	\$20.10
587	Structure for Water Control, Cranberries	Aluminum Pipe, 24" annular, 16 ga	LF	36	AA	75	\$27.00
587	Structure for Water Control, Cranberries	Aluminum Pipe, 30" annular, 14 ga	LF	51	AA	75	\$38.25
587	Structure for Water Control, Cranberries	Aluminum Pipe, 36" annular, 14 ga	LF	62	AA	75	\$46.50
587	Structure for Water Control, Cranberries	Aluminum Pipe, 42" annular, 12 ga	LF	75	AA	75	\$56.25
590	Nutrient Management	NM1 - Managing only inorganic forms	Ac/Yr	15	FR	100	\$15.00
590	Nutrient Management	NM2 - Managing organic & inorganic forms	Ac/Yr	20	FR	100	\$20.00
590	Nutrient Management	NM3 - Certified & Transitional Organic	Ac/Yr	35	FR	100	\$35.00
595	Pest Management	Flat rate from Pest Management Worksheet	AC	1	FR	100	xx
600	Terrace	Installation	LF	4.8	AA	50	\$2.40
606	Subsurface Drainage	Corr PE Tubing w/ gravel trench 4"	LF	3.4	AA	50	\$1.70
606	Subsurface Drainage	Corr PE Tubing w/ gravel trench 5"	LF	3.8	AA	50	\$1.90
606	Subsurface Drainage	Corr PE Tubing w/ gravel trench 6"	LF	4.2	AA	50	\$2.10
606	Subsurface Drainage	Corr PE Tubing w/ gravel trench 8"	LF	5.6	AA	50	\$2.80
606	Subsurface Drainage	Corr PE Tubing w/ gravel trench 10"	LF	7.4	AA	50	\$3.70
606	Subsurface Drainage	Corr PE Tubing w/ gravel trench 12"	LF	9.6	AA	50	\$4.80
606	Subsurface Drainage	Corr PE Tubing w/o gravel 4"	LF	2.2	AA	50	\$1.10
606	Subsurface Drainage	Corr PE Tubing w/o gravel 5"	LF	2.6	AA	50	\$1.30

### 2003 EQIP COST LIST - MASSACHUSETTS

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Cost Share Rate (%)	Max Govt Unit Cost
606	Subsurface Drainage	Corr PE Tubing w/o gravel 6"	LF	3	AA	50	\$1.50
606	Subsurface Drainage	Corr PE Tubing w/o gravel 8"	LF	4.2	AA	50	\$2.10
606	Subsurface Drainage	Corr PE Tubing w/o gravel 10"	LF	6.2	AA	50	\$3.10
606	Subsurface Drainage	Corr PE Tubing w/o gravel 12"	LF	8.4	AA	50	\$4.20
609	Surface Roughening	Implementation	AC	3	FR	100	\$3.00
614	Watering Facility	Tank, valve, and foundation	EA	400	AM	50	\$200.00
620	Underground Outlet	Riser, 6", perforated, complete assembly	EA	150	AA	50	\$75.00
620	Underground Outlet	Riser, 8", perforated, complete assembly	EA	180	AA	50	\$90.00
620	Underground Outlet	Riser, 10", perforated, complete assembly	EA	210	AA	50	\$105.00
620	Underground Outlet	Riser, 12", perforated, complete assembly	EA	330	AA	50	\$165.00
620	Underground Outlet	Corr PE Tubing w/o gravel 4"	LF	2.2	AA	50	\$1.10
620	Underground Outlet	Corr PE Tubing w/o gravel 5"	LF	2.6	AA	50	\$1.30
620	Underground Outlet	Corr PE Tubing w/o gravel 6"	LF	3	AA	50	\$1.50
620	Underground Outlet	Corr PE Tubing w/o gravel 8"	LF	4.2	AA	50	\$2.10
620	Underground Outlet	Corr PE Tubing w/o gravel 10"	LF	6.2	AA	50	\$3.10
620	Underground Outlet	Corr PE Tubing w/o gravel 12"	LF	8.4	AA	50	\$4.20
620	Underground Outlet	HDPE N12/HiQ 4"	LF	5	AA	50	\$2.50
620	Underground Outlet	HDPE N12/HiQ 6"	LF	7.8	AA	50	\$3.90
620	Underground Outlet	HDPE N12/HiQ 8"	LF	10.2	AA	50	\$5.10
620	Underground Outlet	HDPE N12/HiQ 10"	LF	12.8	AA	50	\$6.40
620	Underground Outlet	HDPE N12/HiQ 12"	LF	15.2	AA	50	\$7.60
620	Underground Outlet	HDPE N12/HiQ 15"	LF	18.4	AA	50	\$9.20
620	Underground Outlet	HDPE N12/HiQ 18"	LF	21.8	AA	50	\$10.90
620	Underground Outlet	HDPE N12/HiQ 24"	LF	28.6	AA	50	\$14.30
620	Underground Outlet	HDPE N12/HiQ 30"	LF	41	AA	50	\$20.50
620	Underground Outlet	HDPE N12/HiQ 36"	LF	50	AA	50	\$25.00
620	Underground Outlet	PVC Outlet Pipe 4" w/ guard	LF	5	AA	50	\$2.50
620	Underground Outlet	PVC Outlet Pipe 6" w/ guard	LF	6.4	AA	50	\$3.20
620	Underground Outlet	PVC Outlet Pipe 8" w/ guard	LF	8	AA	50	\$4.00
620	Underground Outlet	PVC Outlet Pipe 10" w/ guard	LF	11	AA	50	\$5.50
620	Underground Outlet	PVC Outlet Pipe 12" w/ guard	LF	15	AA	50	\$7.50
620	Underground Outlet	PVC Sewer Pipe, 4", SDR35	LF	5.6	AA	50	\$2.80
620	Underground Outlet	PVC Sewer Pipe, 6", SDR35	LF	7.4	AA	50	\$3.70
620	Underground Outlet	PVC Sewer Pipe, 8", SDR35	LF	9.8	AA	50	\$4.90
620	Underground Outlet	PVC Sewer Pipe, 10", SDR35	LF	13	AA	50	\$6.50
620	Underground Outlet	PVC Sewer Pipe, 12", SDR35	LF	16	AA	50	\$8.00
633	Waste Utilization	WU1 - Implementing basic spreading plan	AU/Yr	15	FR	100	\$15.00
633	Waste Utilization	WU2 - Spreading manure on new land	AC/Yr	35	FR	100	\$35.00
633	Waste Utilization	WU3 - Custom spreading	AU/Yr	15	FR	100	\$15.00
633	Waste Utilization	WU4 - Innovative approaches	UNIT/Yr	20	FR	100	\$20.00
634	Manure Transfer	Engineering Estimate	EA	1	AM	50	xx

### 2003 EQIP COST LIST - MASSACHUSETTS

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Cost Share Rate (%)	Max Govt Unit Cost
635	Wastewater Treatment Strip	Engineering Estimate	EA	1	AM	75	xx
638	Water & Sediment Control Basin	Installation	LF	4.8	AA	50	\$2.40
642	Well	Drilled Deep Well, Drilling	LF	9	AA	50	\$4.50
642	Well	Drilled Deep Well, PVC Casing	LF	9	AA	50	\$4.50
642	Well	Drilled Deep Well, Hydrofracturing	EA	2000	AM	50	\$1,000.00
642	Well	Dug Well	EA	5000	AM	50	\$2,500.00
642	Well	Gravel Packed Well	EA	10000	AM	50	\$5,000.00
642	Well	Well Points	JOB	5000	AM	50	\$2,500.00
656	Constructed Wetland	Engineering Estimate	EA	1	AM	50	xx
660	Tree/Shrub Pruning	Implementation	AC	145	AA	25	\$36.25
666	Forest Stand Improvement	Thinning and/or Releasing	AC	107	AA	50	\$53.50
701	Ag Fuel Secondary Containment Facility	Complete Installation	EA	5000	AM	50	\$2,500.00
702	Agrichemical Mixing Facility	Complete installation w/o roof	EA	5500	AM	75	\$4,125.00
702	Agrichemical Mixing Facility	Roof	SF	9	AA	75	\$6.75
707	Barnyard Runoff Management	4" concrete, wire mesh	SF	2.6	AA	75	\$1.95
707	Barnyard Runoff Management	5" concrete, wire mesh	SF	3	AA	75	\$2.25
707	Barnyard Runoff Management	6" concrete, wire mesh	SF	3.4	AA	75	\$2.55
707	Barnyard Runoff Management	Asphalt surface	SF	2.5	AA	75	\$1.875
707	Barnyard Runoff Management	Compacted gravel	SF	1.5	AA	75	\$1.125
707	Barnyard Runoff Management	Solids Settling Facility, Engin. Est	EA	1	AM	75	xx
707	Barnyard Runoff Management	Fence around barnyard	LF	3.6	AA	75	\$2.70
766	Restoration of Natural Ecosystems	Seeding Native Warm Season Grasses	AC	600	AA	50	\$300.00
766	Restoration of Natural Ecosystems	Mowing	AC	65	AA	50	\$32.50
766	Restoration of Natural Ecosystems	Brush Hogging	AC	85	AA	50	\$42.50
766	Restoration of Natural Ecosystems	Heavy Chipping	AC	3000	AM	50	\$1,500.00
766	Restoration of Natural Ecosystems	Chemical/Biological Control	AC	700	AM	50	\$350.00
766	Restoration of Natural Ecosystems	Seeding Cool Season Grasses	AC	400	AA	50	\$200.00
766	Restoration of Natural Ecosystems	Cutting or Girdling trees	AC	200	AM	50	\$100.00
766	Restoration of Natural Ecosystems	Mast Tree Release	EA	10	FR	100	\$10.00
789	Transition to Organic Production	TO1 - Converting, but not to be certified	AC	65	FR	100	\$65.00
789	Transition to Organic Production	TO2 - Will be certified at end of transition	AC	200	FR	100	\$200.00