

STATE AVERAGE CONSERVATION PRACTICE/COMPONENT COST LIST

- Practice components and costs are typical "statewide" estimates, actual costs depend on site specific conditions.
- All costs are the average total cost to install the practice or component.
- Not all components (on the list) are required to complete the practice.
- The Life Span is the estimated useful life (years) of the practice, annual and management practices last one year.
- The Operations and Maintenance Factor is used to estimate the annual cost to maintain the practice, and is estimated by multiplying the O&M Factor by the total practice installation cost.
- This component list does not imply that practices are accepted into a financial assistance program.
- Components and costs should be updated as necessary and sent to the NRCS economist at the state office.
- The electronic version of this cost list allows a component cost to change in all practices, by updating the component data folder.
- For additional information contact USDA-NRCS, June Grabemeyer, Agricultural Economist, East Lansing, MI.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Access Road - 560	10	0.2	\$22.00	ft.
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

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<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe			\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)			\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Geogrid (Earth Fill), Installed			\$0.00	sq. yd.
Geogrid (Rock Fill), Installed			\$0.00	sq. yd.
Geotextile, Class IV, Non-Woven, Installed (Road Stabilization)			\$0.00	sq. yd.
Geotextile, Class IV, Woven, Installed (Road Stabilization)			\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed			\$9.50	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Sodding			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Concrete, Non-Reinforced, 4-inch Thick over Compacted Sand, Flatwork, Installed			\$0.00	sq. yd.
Concrete, Non-Reinforced, 5-inch Thick, Flatwork, Installed			\$330.00	sq. yd.

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<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Agrichemical Containment Facility - 702	10	0.05	\$19,355.00	no.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Gravel, 22A or 23 A (Road Gravel), Installed			\$9.50	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Sodding			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Concrete, Reinforced, Cast In Place, Installed			\$168.00	cu. yd.
Agrichemical Containment Facility Building, Installed			\$7.75	sq. ft.
Roof Gutters, with downspouts			\$2.00	lin. ft.
Alley Cropping - 311	25	0.05	\$645.00	ac.
Trees/Shrubs-conifer bare root or containerized plugs 2-0 to 3-0 stock			\$0.18	no.
Trees/Shrubs-deciduous			\$0.33	no.
Tree Planting-Hand (includes scalping, equipment and labor)			\$0.16	no.
Tree Planting-Machine (includes scalping, equipment and labor)			\$0.14	no.
Weed Control for trees - Mechanical machine scalping (if not done during planting)			\$45.00	ac.
Weed Control for trees - Herbicides and application (machine)			\$60.00	ac.
Weed Control for trees - Herbicides and application (hand)			\$88.00	ac.
Pest protection for trees/shrubs, fabric weed barrier			\$0.70	no.
Pest protection for trees/shrubs, Organic Mulch			\$9.00	cu. yd.
Pest protection, tree protectors (tubes, plastic rodent protectors, plastic mesh, wire mesh) includes installation with wood or metal stakes			\$2.50	no.

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<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Brush Management - 314	5	0.05	\$21.00	
Cultural Grazing			\$15.00	ac.
Cultural Grazing (temporary fence)			\$15.00	ac.
Cultural Grazing (temporary water)			\$0.15	ft.
Burning			\$0.00	ac.
Herbicides, includes application			\$30.00	ac.
Mechanical treatment			\$45.00	ac.
Clearing and Snagging - 326	10	0.05	\$0.00	ft.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Backhoe/Loader, Tractor-type, with Operator			\$65.00	hr.
Backhoe, Hydraulic, Track Mounted, with Operator			\$70.00	hr.
Dump Truck, 6 Cu.Yd., with Operator			\$0.00	hr.
Dump Truck, 12 Cu.Yd., with Operator			\$0.00	hr.
Closure of Waste Impoundments - 360	15	0	\$1,000.00	no.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Sodding			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	ac.

Life O & M Cost per

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<u>Conservation Practice Name and Code</u>	<u>Span</u>	<u>Factor</u>	<u>Unit</u>	<u>Unit</u>
Commercial Fish Ponds - 397	20	0.1	\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Excavation, Common			\$3.25	cu. yd.
Excavation by hour			\$112.00	hr.
Grading and shaping by cu. yd.			\$1.50	cu. yd.
Grading and Shaping by hour			\$120.00	hr.
Fish - stocking			\$0.00	no.
Chemical weed control			\$0.00	ac.
Critical area planting (see critical area planting, 342)			\$1,439.00	ac.
Aerators			\$0.00	no.
Composting Facility - 317	10	0.2	\$0.00	no.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe			\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe			\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe			\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe			\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher			\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher			\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher			\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher			\$3.85	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
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Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher			\$6.50	lin. ft.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)			\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Geotextile, Class IV, Non-Woven, Installed (Road Stabilization)			\$0.00	sq. yd.
Geotextile, Class IV, Woven, Installed (Road Stabilization)			\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed			\$9.50	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Sodding			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Concrete, Non-Reinforced, 4-inch Thick over Compacted Sand, Flatwork, Installed			\$2.65	sq. yd.
Concrete, Non-Reinforced, 5-inch Thick, Flatwork, Installed			\$330.00	sq. yd.
Timber Fabrication, Treated, Installed			\$0.00	bd. ft.
Conservation Cover - 327	10	0.05	\$190.00	
Cool Season Mixtures No-Till, spray, seed, fertilizer, planting and weed control			\$177.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Warm Season Mixtures No-Till, spray, seed, fertilizer, planting and weed control			\$400.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.
Conservation Crop Rotation - 328	1	0	\$0.00	ac.
Conservation Crop Rotation			\$7.00	
Constructed Wetland - 656	15	0.1	\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.

Conservation Practice Name and Code

Life Span **O & M Factor** **Cost per Unit** **Unit**

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Site Preparation (Stripping and Stockpiling)			\$2.60	cu. yd.
Excavation, Common			\$3.25	cu. yd.
Embankment			\$3.00	cu. yd.
Control Structure includes installation			\$0.00	no.
Critical area planting, Dike (see critical area planting, 342)			\$1,439.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.
Tree Planting			\$0.00	ac.
Aquatic Plant Establishment			\$0.00	ac.
Contour Buffer Strips - 332	10	0.05	\$0.00	
Cool Season Mixtures No-Till, spray, seed, fertilizer, planting and weed control			\$177.00	
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Contour Farming - 330	1	0	\$10.00	ac.
Contour Establishment			\$0.00	
Contour Orchard and Other Fruit Area - 330	10	0.25	\$0.00	
Contour Establishment			\$0.00	
Contour Stripcropping - 585	10	0.05	\$0.00	ac.
Layout of contour strips			\$5.00	ac.
				ac.
Cover Crop - 340	1	0	\$21.00	
Cool Season Mixtures No-Till, spray, seed, fertilizer, planting and weed control			\$177.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Critical Area Planting - 342	10	0.05	\$1,439.00	ac.
Earthmoving			\$90.00	cu. yd.
Seedbed preparation, fertilizer and seeding			\$0.00	ac.
Hydroseed, fertilizer and mulch option			\$0.00	ac.

Conservation Practice Name and Code

Life Span **O & M Factor** **Cost per Unit** **Unit**

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Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	lb.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	lb.
Geotextile or barrier material, installed			\$2.00	sq. yd.
Mulch, installed (includes labor)			\$1.00	sq. ft.
Erosion Control Blanket, installed			\$1.50	sq. yd.
Herbaceous plants and hand planting			\$0.00	each
Tree and Shrub Planting, see tree/shrub establishment - 612			\$0.00	ac
Cross Wind Stripcropping - 589B	10	0.05	\$5.00	ac.
Strip layout			\$5.00	
Cross Wind Trap Strip - Field - 589C	5	0.05	\$5.00	ac.
Strip layout			\$5.00	ac.
Herbaceous cover cool season annual species, preparation, seed, fertilizer and planting			\$0.00	ac.
Herbaceous cover cool season, perennial preparation, seed, fertilizer and planting			\$0.00	ac.
Herbaceous cover warm season, annual, preparation, seed, fertilizer and planting			\$0.00	ac.
Herbaceous cover warm season, perennial, preparation, seed, fertilizer and planting			\$0.00	ac.
Cross Wind Trap Strip - Filter - 589C	5	0.05	\$55.00	
Strip layout			\$5.00	ac.
Herbaceous cover cool season, perennial preparation, seed, fertilizer and planting			\$0.00	ac.
Herbaceous cover warm season, perennial, preparation, seed, fertilizer and planting			\$0.00	ac.
Deep Tillage - 324	1	0	\$12.00	
Deep Plowing			\$15.00	ac.
Subsoiling			\$0.00	ac.
Ripping			\$0.00	ac.
Row-Till			\$0.00	ac.
Zone Tillage or Para Plowing			\$0.00	ac.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Dike - 356	10	0.1	\$500.00	ft.

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Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu.yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	cu. yd.
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed			\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ton
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Sodding			\$0.00	ac.
Spoil Spreading			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	cu. yd.
				ac.
Diversion - 362	10	0.02	\$6.25	ft.
Grading and Shaping, Diversion, Installed			\$0.00	lin. ft.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Sodding			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Drainage Water Management - 554	1	0	\$0.00	ac.
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Dry Hydrant - 432	10	0.01	\$0.00	no.

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Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed			\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed			\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)			\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Topsoil, Salvaging and Spreading			\$0.00	ac.
Dry Hydrant, with Head, Cap, and Strainer, incl. Fittings, Installed			\$0.00	ea.
Pipe Trenching, (w/Backhoe), Incl. Valves, Hydrants, Fittings, and All Other			\$0.00	lin. ft.
Pipe Trenching, (w/Trencher) Incl. Valves, Hydrants, Fittings and All Other			\$0.00	lin. ft.
Early Successional Habitat Development/Management - 647	15	0	\$0.00	ac.
Burning			\$0.00	ac.
Mowing			\$30.00	ac.
Disking			\$0.00	ac.
Chemical Weed Control			\$0.00	ac.
Woody Plant Control			\$0.00	ac.
Native prairie planting			\$300.00	ac.
Timber harvesting			\$0.00	ac.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Fence - 382	20	0.03	\$2.32	
Site Preparation for fence (Clearing and grubbing)			\$110.00	hr.

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Fencing, Smooth 5-Wire, Installation			\$0.90	ft.
Fencing, Woven Wire, Installation			\$1.50	ft.
Fencing, 3 strand barbed wire			\$0.80	ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed			\$1.05	ft.

Field Border - 386	10	0.01	\$300.00	
Cool season, layout, site preparation, planting, seed, lime and fertilizer			\$162.00	ft.
Warm season, layout, site preparation, planting, seed, lime and fertilizer			\$400.00	ft.

Field Ditch - 607	10	0.03	\$0.00	ft.
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Filter Strip - 393A	10	0.02	\$345.00	
Cool season, layout, site preparation, planting, seed, lime and fertilizer			\$162.00	ac.
Warm season, layout, site preparation, planting, seed, lime and fertilizer			\$400.00	ac.

Filter Strip - Animal Waste Management - 780	10	0.02	\$1,833.00	Ac.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Topsoil, Salvaging and Spreading			\$0.00	ac.
Fencing, Barbed Wire, 3-Strand, Installed			\$0.80	lin. ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed			\$1.05	lin. ft.
Fencing, High Tensile, Smooth 5-Wire, Installed			\$1.05	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Fencing, Woven Wire, Installed			\$1.50	lin. ft.
Timber Fabrication, Treated, Installed			\$0.00	bd. ft.

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Grading and Shaping, Grassed Channelized Filter Strip (up to 40 feet wide), Installed			\$0.00	lin. ft.
Firebreak - 394	10	0.2	\$175.00	ft.
Mowing			\$30.00	ac.
Tillage			\$50.00	ac.
Permanent Vegetative Seeding (grasses or forbes)			\$75.00	ac.
Clearing and Grubbing and Brush Removal			\$150.00	ac.
Fish Raceway or Tank - 398	10	0.03	\$0.00	
Linear Channel Earthen			\$0.00	ft.
Linear Channel Concrete			\$0.00	ft.
Tank Raceway Concrete			\$0.00	gal.
Tank Raceway Fiberglass			\$0.00	gal.
Tank Raceway Metal			\$0.00	gal.
Forage Harvest Management - 511	1	0	\$4.00	ac.
Management of Forages			\$0.00	
Forest Harvest Trails and Landings - 655	5	0.15	\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Seedbed Preparation forest site			\$100.00	ac.
Seed, Mulch and Fertilizer (includes labor) forest site			\$0.00	ac.
Broad-based Dip, Water Bar, Opentop box culvert corrugated metal pipe with rip-rap outlet			\$450.00	no.
Forest Site Preparation - 490	1	0	\$190.00	acre
Forest Site Preparation, Machine-Mechanical (includes equipment and labor)			\$100.00	ac.
Forest Site Preparation, Machine-Chemical (includes equipment and labor)			\$250.00	ac.
Forest Site Preparation, Hand-Chemical (includes equipment and labor)			\$120.00	ac.
	Life	O & M	Cost per	
<u>Conservation Practice Name and Code</u>	<u>Span</u>	<u>Factor</u>	<u>Unit</u>	<u>Unit</u>
Forest Stand Improvement - 666	10	0.03	\$140.00	acre

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Thinning (cutting or chemically killing trees or vines) Hardwood-Crop Tree Release (min. 20 sq. ft. b.a. removed) Saplings (trees under 5" DBH)	\$1.96	sq. ft. of b.a. removed
Thinning (cutting or chemically killing trees or vines) Hardwood-Crop Tree Release (min. 20 sq. ft. b.a. removed) Poles (trees 5-11" DBH)	\$1.32	sq. ft. of b.a. removed
Thinning (cutting or chemically killing trees or vines) Hardwood-Crop Tree Release (min. 20 sq. ft. b.a. removed) Sawtimber size culls (trees over 11" DBH)	\$0.87	sq. ft. of b.a. removed
Vine Removal in forest	\$0.35	each

Grade Stabilization Structure - 410

	10	0.01	\$2,415.00	each
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe			\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

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Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-foot High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-foot High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-foot High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-foot High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-foot High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-foot High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-foot High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-foot High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-foot High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-foot High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-foot High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-foot High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.
Rodent Guard, 15-inch, Installed	\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.

<u>Conservation Practice Name and Code</u>	<u>Life</u> <u>Span</u>	<u>O & M</u> <u>Factor</u>	<u>Cost per</u> <u>Unit</u>	<u>Unit</u>
Excavation, Rock			\$3.00	cu. yd.

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Excavation, Wet	\$4.00	cu. yd.
Geogrid (Earth Fill), Installed, Installed	\$0.00	sq. yd.
Geogrid (Rock Fill), Installed	\$0.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed	\$0.00	sq. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Sodding	\$0.00	ac.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Concrete Block Chute, with Geotextile, Installed	\$3,800.00	lin. ft.
Concrete Blocks, 2 ft. x 2 ft. x 4 ft., Installed	\$3.00	ea.
Concrete, Reinforced, Cast In Place, Installed	\$168.00	cu. yd.
Timber Fabrication, Treated, Installed	\$0.00	bd. ft.

Grassed Waterway - 412	10	0.02	\$3,019.00	acre
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Grading and Shaping, Grassed Waterway, Installed			\$0.00	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.

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Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Sodding	\$0.00	ac.
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Heavy Use Area Protection - 561	10	0.05	\$9,500.00	acre

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Aggregate, Crushed Limestone, Installed (Heavy Use Area)	\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed	\$0.00	sq. yd.
Geotextile, Class IV, Non-Woven, Installed (Road Stabilization)	\$0.00	sq. yd.
Geotextile, Class IV, Woven, Installed (Road Stabilization)	\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Sodding	\$0.00	ac.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Concrete, Non-Reinforced, 4-inch Thick over Compacted Sand, Flatwork, Installed	\$2.65	sq. yd.
Concrete, Non-Reinforced, 5-inch Thick, Flatwork, Installed	\$330.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 4-inch Thick, Flat or Slope, Installed	\$0.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 5-inch Thick, Flat or Slope, Installed	\$0.00	sq. yd.
Concrete, Reinforced, Cast In Place, Installed	\$168.00	cu. yd.
Fencing, Barbed Wire, 3-Strand, Installed	\$0.80	lin. ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed	\$1.05	lin. ft.
Fencing, High Tensile, Smooth 5-Wire, Installed	\$1.05	lin. ft.
Fencing, Woven Wire, Installed	\$1.50	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Hedgerow Planting - 422	15	0.05	\$9.00	ft.

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Herbaceous Wind Barriers - 422A	5	0.02	\$0.00	
Herbaceous wind barrier, Annual cool season, site preparation, seed, fertilizer, planting			\$0.00	ac.
Herbaceous wind barrier, Perennial cool season, site preparation, seed, fertilizer, planting			\$0.00	ac.
Herbaceous wind barrier, Annual warm season, site preparation, seed, fertilizer, planting			\$0.00	ac.
Herbaceous wind barrier, Perennial warm season, site preparation, seed, fertilizer, planting			\$0.00	ac.
Irrigation Pit or Regulating Reservoir - 552A	10	0.01	\$0.00	No.
In-Line Water Control Structure, 6-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 8-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 10-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 12-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 18-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 24-inch pipe, Installed			\$0.00	ea.
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe			\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe			\$1.80	lin. ft.
		Life	O & M	Cost per
<u>Conservation Practice Name and Code</u>		<u>Span</u>	<u>Factor</u>	<u>Unit</u>
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe				\$3.85 lin. ft.

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Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.

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Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.
Rodent Guard, 15-inch, Installed	\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.

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Pond Sealing and Lining, Bentonite, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Bentonite, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Earthfill, Clay Liner, Installed	\$12.00	cu. yd.
Pond Sealing and Lining, EPDM, Installed	\$0.00	sq. yd.
Pond Sealing and Lining, HDPE, Installed	\$4.95	sq. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.

Irrigation Pit or Regulating Reservoir - 552B

10	0.01	\$0.00	No.
		\$0.00	ea.
		\$10.50	lin. ft.
		\$13.30	lin. ft.
		\$14.40	lin. ft.
		\$15.00	lin. ft.

Conservation Practice Name and Code

<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
		\$19.25	lin. ft.
		\$22.90	lin. ft.

Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed

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Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed	\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.

Conservation Practice Name and Code

Life **O & M** **Cost per**
Span **Factor** **Unit**

Unit

Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Rodent Guard, 6-inch, Installed			\$30.00	ea.
Rodent Guard, 8-inch, Installed			\$30.00	ea.

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Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.
Rodent Guard, 15-inch, Installed	\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Earthfill, Clay Liner, Installed	\$12.00	cu. yd.
Pond Sealing and Lining, EPDM, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Pond Sealing and Lining, HDPE, incl. Materials and Labor, Installed	\$4.95	sq. yd.
Pond Sealing and Lining, Soil Dispersant, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Irrigation Storage Reservoir - 436	10	0.01	\$0.00	No.
In-Line Water Control Structure, 6-inch pipe, Installed			\$0.00	ea.

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In-Line Water Control Structure, 8-inch pipe, Installed	\$0.00	ea.
In-Line Water Control Structure, 10-inch pipe, Installed	\$0.00	ea.
In-Line Water Control Structure, 12-inch pipe, Installed	\$0.00	ea.
In-Line Water Control Structure, 18-inch pipe, Installed	\$0.00	ea.
In-Line Water Control Structure, 24-inch pipe, Installed	\$0.00	ea.
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed	\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed	\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed	\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed	\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed	\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed	\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed	\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher			\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings,			\$3.85	lin. ft.

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installed with trencher

Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed			\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed			\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed			\$0.00	ea.

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Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.
Rodent Guard, 15-inch, Installed	\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Earthfill, Clay Liner, Installed	\$12.00	cu. yd.
Pond Sealing and Lining, EPDM, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Pond Sealing and Lining, HDPE, incl. Materials and Labor, Installed	\$4.95	sq. yd.
Pond Sealing and Lining, Soil Dispersant, incl. Materials and Labor, Installed	\$0.00	sq. yd.

<u>Conservation Practice Name and Code</u>	<u>Life</u> <u>Span</u>	<u>O & M</u> <u>Factor</u>	<u>Cost per</u> <u>Unit</u>	<u>Unit</u>
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton

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Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed			\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Spoil Spreading			\$0.00	cu. yd.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Irrigation System, Microirrigation - 441	10	0.05	\$0.00	no. & ac.
Irrigation System, Sprinkler - 442	10	0.02	\$0.00	no. & ac.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed			\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed			\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.
Solid Set System, Nozzles, Fittings, etc., Installed			\$0.00	ac.
Linear Move System, Nozzles, Fittings, etc., Installed			\$0.00	ac.
Center Pivot System, Nozzles, Fittings, etc., Installed			\$0.00	ac.
Wheel Roll System, Nozzles, Fittings, etc., Installed			\$0.00	ac.
Irrigation Water Conveyance Pipeline - High Pressure, Underground Plastic - 430DD	10	0.02	\$0.00	Ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed			\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed			\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Pipe Trenching, (w/Backhoe), Incl. Valves, Fittings, and All Other			\$0.00	lin. ft.
Pipe Trenching, (w/Trencher) Incl. Valves, Fittings and All Other			\$0.00	lin. ft.

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Irrigation Water Conveyance Pipeline - Low Pressure, Underground Plastic - 430EE	10	0.02	\$0.00	
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed			\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed			\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.
Pipe Trenching, (w/Backhoe), Incl. Valves, Fittings, and All Other			\$0.00	lin. ft.
Pipe Trenching, (w/Trencher) Incl. Valves, Fittings and All Other			\$0.00	lin. ft.
Irrigation Water Management - 449	1	0	\$3.00	Ac.
Management Practice, no construction			\$0.00	
Land Reconstruction, Abandoned Mined Land - 543	10	0	\$0.00	ac.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)			\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Geogrid (Earth Fill), Installed, Installed			\$0.00	sq. yd.
Geogrid (Rock Fill), Installed			\$0.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed			\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed			\$0.00	sq. yd.
Geotextile, Class IV, Non-Woven, Installed (Road Stabilization)			\$0.00	sq. yd.
Geotextile, Class IV, Woven, Installed (Road Stabilization)			\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed			\$9.50	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Conservation Practice Name and Code				
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton

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Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Fencing, 3 strand barbed wire	\$0.80	ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed	\$1.05	ft.
Fencing, Smooth 5-Wire, Installation	\$0.90	ft.
Fencing, Woven Wire, Installation	\$1.50	bd. ft.
Backhoe/Loader, Tractor-type, with Operator	\$65.00	hr.
Backhoe, Hydraulic, Track Mounted, with Operator	\$70.00	hr.
Dozer, 75 HP, with Operator	\$75.00	hr.
Dozer, 105 HP, with Operator	\$100.00	hr.
Dozer, 200 HP, with Operator	\$120.00	hr.
Dump Truck, 6 Cu.Yd., with Operator	\$0.00	hr.
Dump Truck, 12 Cu.Yd., with Operator	\$0.00	hr.

Land Reconstruction, Currently Mined Land - 544

	10	0	\$0.00	Ac.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)			\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Excavation, Wet			\$4.00	cu. yd.
Geogrid (Earth Fill), Installed, Installed			\$0.00	sq. yd.
Geogrid (Rock Fill), Installed			\$0.00	sq. yd.

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Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed	\$0.00	sq. yd.
Geotextile, Class IV, Non-Woven, Installed (Road Stabilization)	\$0.00	sq. yd.
Geotextile, Class IV, Woven, Installed (Road Stabilization)	\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clear and grub)	\$4,000.00	acre
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Fencing, 3 strand barbed wire	\$0.80	lin. ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed	\$1.05	lin. ft.
Fencing, Smooth 5-Wire, Installation	\$0.90	lin. ft.
Fencing, Woven Wire, Installation	\$1.50	lin. ft.
Timber Fabrication, Treated, Installed	\$0.00	bd. ft.
Backhoe/Loader, Tractor-type, with Operator	\$65.00	hr.
Backhoe, Hydraulic, Track Mounted, with Operator	\$70.00	hr.
Dozer, 75 HP, with Operator	\$75.00	hr.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Dozer, 105 HP, with Operator			\$100.00	hr.
Dozer, 200 HP, with Operator			\$120.00	hr.
Dump Truck, 6 Cu.Yd., with Operator			\$0.00	hr.

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Dump Truck, 12 Cu.Yd., with Operator			\$0.00	hr.
Land Smoothing - 466	10	0	\$2,000.00	Ac.
Dozer, 75 HP, with Operator			\$75.00	hr.
Dozer, 105 HP, with Operator			\$100.00	hr.
Dozer, 200 HP, with Operator			\$120.00	hr.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Spoil Spreading			\$0.00	cu. yd.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Lined Waterway or Outlet - 468	10	0.1	\$4.00	Ft.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Grading and Shaping, Grassed Waterway, Installed			\$0.00	lin. ft.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Sodding			\$0.00	ac.
Spoil Spreading			\$0.00	cu. yd.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.

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Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.

Manure Transfer - 634

	10	0.02	\$10,000.00	no.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe			\$30.00	lin. ft.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Topsoil, Salvaging and Spreading	\$0.00	ac.

Mine Shaft and Adit Closing - 457	10	0	\$100.00	No.
Metal Fabrication, Installed			\$100.00	ask Eng.
Mulching - 484	1	0	\$275.00	ac.
Site preparation			\$0.00	ac.
Straw or hay mulch, installed			\$0.00	ac.
Excelsior blankets, installed			\$0.00	ac.
Jute matting, installed			\$0.00	ac.
Wood chips or bark, installed			\$0.00	ac.
Corn cobs, sawdust or gravel, installed			\$0.00	ac.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Nutrient Management - 590	1	0	\$4.20	
Soil test, grid sampling, calibration of application equipment, recordkeeping; fertilizer use only			\$0.00	ac.
Soil test, composite sampling, calibration of application equipment, recordkeeping; fertilizer use only			\$20.00	ac.
Soil test including pre side dress nitrogen test, grid sampling, manure testing, calibration of			\$0.00	ac.

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application equipment, recordkeeping; manure and fertilizer use

Soil test including pre side dress nitrogen test, composite sampling, manure testing, calibration of application equipment, recordkeeping; manure and fertilizer use	\$0.00	ac.
Soil test annually for vegetable, flower, ornamentals and shrubs, sampling, calibration of application equipment, recordkeeping	\$0.00	ac.
Tissue test for small fruit and tree crops, soil pH test, sampling, calibration of application equipment, recordkeeping	\$0.00	ac.

Obstruction Removal - 500

10	0.05	\$1,038.00	Ac.
		\$65.00	hr.
		\$70.00	hr.
		\$75.00	hr.
		\$100.00	hr.
		\$120.00	hr.
		\$0.00	hr.
		\$0.00	hr.
		\$0.00	ac.
		\$440.00	ac.
		\$475.00	ac.
		\$4,000.00	acre
		\$0.00	ac.

Open Channel - 582

10	0.05	\$0.00	Ft.
		\$0.00	cu.yd.
		\$6.00	cu.yd.
		\$3.25	cu. yd.
		\$3.00	cu. yd.

Conservation Practice Name and Code

<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
		\$4.00	cu. yd.
		\$32.00	ton
		\$32.00	ton
		\$32.00	ton

Excavation, Wet
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed

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Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed			\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clear and grub)			\$4,000.00	acre
Sodding			\$0.00	ac.
Spoil Spreading			\$0.00	cu. yd.
Topsoil, Salvaging and Spreading			\$0.00	ac.

Pasture and Hayland Planting - 512	10	0.01	\$167.00	acre
Pasture and Hayland planting, Heavy soil disturbance, seedbed preparation, seed, seeding and herbicides including application			\$70.00	acre
Pasture and Hayland Planting, Light soil disturbance, seedbed preparation, seed, seeding and herbicides including application			\$88.00	acre
Pasture and Hayland Planting, Medium soil disturbance, seedbed preparation, seed, seeding and herbicides including application			\$75.00	acre

Pest Management - 595	1	0	\$18.00	
Scouting, traps, baits, etc., - pest management			\$0.00	ac.
Mechanical treatment - pest management			\$100.00	ac.
Biological treatment - pest management			\$0.00	ac.
Spot or band spraying			\$0.00	ac.

Pipeline - 516	10	0.02	\$1.35	Ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed			\$2.50	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed			\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.
Pipe Trenching, (w/Backhoe), Incl. Valves, Fittings, and All Other			\$0.00	lin. ft.

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Pipe Trenching, (w/Trencher) Incl. Valves, Fittings and All Other	\$0.00	lin. ft.
Pipe, PE, 1-1/2-inch, Incl. Fittings, Installed (water supply)	\$0.00	lin. ft.
Pipe, PE, 1-inch, Incl. Fittings, Installed (water supply)	\$0.30	lin. ft.
Pipe, PE, 2-1/2-inch, Incl. Fittings, Installed (water supply)	\$0.00	lin. ft.
Pipe, PE, 2-inch, Incl. Fittings, Installed (water supply)	\$0.00	lin. ft.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.

Pond - 378

	10	0.01	\$5,535.00	No.
In-Line Water Control Structure, 6-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 8-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 10-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 12-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 18-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 24-inch pipe, Installed			\$0.00	ea.
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings,			\$1.30	lin. ft.

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installed with backhoe

Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.

Conservation Practice Name and Code

	<u>Life</u>	<u>O & M</u>	<u>Cost per</u>	
	<u>Span</u>	<u>Factor</u>	<u>Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Rodent Guard, 15-inch, Installed			\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.

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Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Earthfill, Clay Liner, Installed	\$12.00	cu. yd.
Pond Sealing and Lining, EPDM, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Pond Sealing and Lining, HDPE, incl. Materials and Labor, Installed	\$4.95	sq. yd.
Pond Sealing and Lining, Soil Dispersant, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.

Pond Sealing or Lining - Bentonite Treatment - 521C	10	0.01	\$0.00	No.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed			\$2.97	sq. yd.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pond Sealing or Lining - Flexible Membrane - 521A	10	0.01	\$0.00	No.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed			\$2.97	sq. yd.
Pond Sealing and Lining, EPDM, incl. Materials and Labor, Installed			\$0.00	sq. yd.
Pond Sealing and Lining, HDPE, incl. Materials and Labor, Installed			\$4.95	sq. yd.

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Pond Sealing or Lining - Soil Dispersant - 521B	10	0.01	\$0.00	No.
Pond Sealing and Lining, Soil Dispersant, incl. Materials and Labor, Installed			\$0.00	sq. yd.
Prescribed Burning - 338	5	0.01	\$0.00	acre
Burning			\$0.00	acre
Prescribed Grazing - 528A	5	0	\$15.00	acre
Pumping Plant for Water Control - 533	10	0.02	\$0.00	No.
Pumping Plant, incl. Materials and Labor, Installed			\$0.00	ea.
Recreation Area Improvement - 562	10	0.1	\$3,000.00	acre
Trees/Shrubs (see Alley Cropping) Bare root or Containerized Plugs			\$0.00	
Tree Planting-Hand (includes scalping, equipment and labor)			\$0.16	no.
Tree Planting-Machine (includes scalping, equipment and labor)			\$0.14	no.
Mechanical Machine scalping (if not done during planting process)			\$45.00	ac.
Herbicides and application (machine)			\$0.00	ac.
Herbicides and application (hand)			\$50.00	ac.
Pest protection for trees/shrubs, fabric weed barrier			\$0.70	no.
Pest protection for trees/shrubs, Organic Mulch			\$9.00	cu. yd.
Pest protection, tree protectors (tubes, plastic rodent protectors, plastic mesh, wire mesh) includes installation with wood or metal stakes			\$2.50	no.
Site Preparation (Clearing and grubbing)			\$1,850.00	
Seedbed Preparation			\$0.00	
Seeding, Fertilizer and Mulch (includes all labor and equipment)			\$200.00	
Tree Pruning - Trees up to 10 ft. (includes labor and equipment)			\$0.85	per tree
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Tree Pruning - Trees 10 up to 18 ft. (includes labor and equipment)			\$1.00	per tree
Tree Pruning - Trees 18 ft. up to 26 ft. (includes labor and equipment)			\$1.25	per tree
Recreation Land Grading and Shaping - 566	10	0.03	\$5,000.00	acre

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Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Sodding	\$0.00	ac.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Dozer, 75 HP, with Operator	\$75.00	hr.
Dozer, 105 HP, with Operator	\$100.00	hr.
Dozer, 200 HP, with Operator	\$120.00	hr.

Recreation Trail and Walkway - 568

	10	0.1	\$0.00	
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)	\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Geogrid (Earth Fill), Installed, Installed	\$0.00	sq. yd.
Geogrid (Rock Fill), Installed	\$0.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed	\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.

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Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Sodding			\$0.00	ac.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Timber Fabrication, Treated, Installed			\$0.00	bd. ft.
Residue Management, Mulch Till - 329B	1	0	\$7.00	ac.
Residue Management, No-Till and Strip Till - 329A	1	0	\$20.00	ac.
Chemical application for burndown			\$0.00	
Residue Management, Ridge Till - 329C	1	0	\$6.50	ac.
Chemical application for burndown			\$0.00	
Residue Management, Seasonal - 344	1	0	\$6.00	ac.
Restoration and Management of Declining Habitats - 643	15	0.01	\$0.00	ac.
Seedbed Preparation			\$0.00	ac.
Vegetative Control - Chemical			\$0.00	ac.
Vegetative Control - Mowing			\$0.00	ac.
Vegetative Control - Manual			\$0.00	ac.
Vegetative Establishment - Native prairie			\$0.00	ac.
Vegetative Establishment - Native shrub			\$0.00	No.
Vegetative Establishment - Native trees			\$0.00	No.
Riparian Forest Buffer - 391	25	0.01	\$760.00	ac.
Trees/Shrubs-conifer bare root or containerized plugs 2-0 to 3-0 stock			\$0.18	no.
Trees/Shrubs-deciduous			\$0.33	no.
	<u>Life</u>	<u>O & M</u>	<u>Cost per</u>	
	<u>Span</u>	<u>Factor</u>	<u>Unit</u>	<u>Unit</u>
Tree Planting-Machine (includes scalping, equipment and labor)			\$0.14	no.
Tree Planting-Hand (includes scalping, equipment and labor)			\$0.16	no.
Weed Control for trees - Herbicides and application (hand)			\$88.00	ac.
Weed Control for trees - Herbicides and application (machine)			\$60.00	ac.

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Weed Control for trees - Mechanical machine scalping (if not done during planting)			\$45.00	ac.
Pest protection for trees/shrubs, fabric weed barrier			\$0.70	no.
Pest protection for trees/shrubs, Organic Mulch			\$9.00	cu. yd.
Pest protection, tree protectors (tubes, plastic rodent protectors, plastic mesh, wire mesh) includes installation with wood or metal stakes			\$2.50	no.

Riparian Herbaceous Cover - 390

	10	0.01	\$0.00	ac.
Native grass seeding includes fertilizer, seed, labor and equipment			\$300.00	acre
Native grass drill delivery fee			\$50.00	each

Roof Runoff Management - 558

	15	0.01	\$500.00	no.
Roof Gutters, with downspouts			\$2.00	

Sediment Basin - 350

	10	0.03	\$4,000.00	
In-Line Water Control Structure, 6-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 8-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 10-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 12-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 18-inch pipe, Installed			\$0.00	ea.
In-Line Water Control Structure, 24-inch pipe, Installed			\$0.00	ea.
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.

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Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Rodent Guard, 12-inch, Installed			\$30.00	ea.
Rodent Guard, 15-inch, Installed			\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.

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Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Gravel, 22A or 23 A (Road Gravel), Installed			\$9.50	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed			\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Topsoil, Salvaging and Spreading			\$0.00	ac.

10 0.01

Shallow Water Management for Wildlife - 646

Site Preparation (Clearing and grubbing)			\$4,000.00	ac.
Site Preparation (Stripping and Stockpiling)			\$1,850.00	ac.
Excavation			\$2.60	cu. yd.
Embankment			\$1.50	cu. yd.
Control Structure with installation			\$3.00	cu. yd.
Critical Area Planting (Dike)			\$0.00	no.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$1,439.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
			\$400.00	ac.

<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
10	0.05	\$1,900.00	each
		\$0.00	ea.

Streambank and Shoreline Protection - 580

10 0.02 \$87.50 Ft.

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Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Geogrid (Earth Fill), Installed	\$0.00	sq. yd.
Geogrid (Rock Fill), Installed	\$0.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed	\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Sodding	\$0.00	ac.
Spoil Spreading	\$0.00	cu. yd.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Brush Layering	\$0.00	

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
In Stream Rock Structures (Barbs, etc.)			ask Eng.	no.
Live Facines			ask Eng.	no.
Live Staking			ask Eng.	no.
Root Wads			ask Eng.	no.

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Tree Revetments			\$0.00	no.
Brush Mattress			ask Eng.	
Live Cribwall			ask Eng.	
Vegetated Geogrid			ask Eng.	
Stream Channel Stabilization - 584	10	0.02	\$10.20	ft.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Geogrid (Earth Fill), Installed			\$0.00	sq. yd.
Geogrid (Rock Fill), Installed			\$0.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed			\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed			\$0.00	sq. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed			\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Concrete Blocks, 2 ft. x 2 ft. x 4 ft., Installed			\$3.00	ea.
Concrete, Reinforced, Cast In Place, Installed			\$168.00	cu. yd.

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Stream Crossing and Livestock Access - 728	10	0.1	\$47.80	Ft.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)			\$0.00	cu. yd.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Geogrid (Earth Fill), Installed			\$0.00	sq. yd.
Geogrid (Rock Fill), Installed			\$0.00	sq. yd.
Geotextile, Class I, Woven, Installed			\$0.00	sq. yd.
Gravel, 22A or 23 A (Road Gravel), Installed			\$9.50	cu. yd.
Gravel, Bank Run, Installed			\$12.65	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Spoil Spreading			\$0.00	cu. yd.
Topsoil, Salvaging and Spreading			\$0.00	ac.
Concrete, Non-Reinforced, 4-inch Thick over Compacted Sand, Flatwork, Installed			\$2.65	sq. yd.
Concrete, Non-Reinforced, 5-inch Thick, Flatwork, Installed			\$330.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 4-inch Thick, Flat or Slope, Installed			\$0.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 5-inch Thick, Flat or Slope, Installed			\$0.00	sq. yd.

Stream Habitat Improvement and Management - 395	5	0.02	\$0.00	ac.
Site preparation for stream habitat improvement			\$0.00	ac.
Grading and shaping by cu. yd.			\$1.50	hr.
Grading and Shaping by hour			\$120.00	cu. yd.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed			\$32.00	
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed			\$32.00	
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	

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Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	
Facines			\$0.00	ft.
Brush Layering			\$0.00	sq. yd.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Lunker Structures			\$0.00	ft.
Deflectors			\$0.00	ft.
Instream Woody Cover			\$0.00	sq.yd.

Stripcropping, Field - 586	1	0	\$5.00	ac.
Layout			\$2,000.00	ac.

Structure for Water Control - 587	10	0.01	\$2,167.00	each
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe			\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed	\$0.00	ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed	\$0.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Rodent Guard, 15-inch, Installed			\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.

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Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Geogrid (Earth Fill), Installed	\$0.00	sq. yd.
Geogrid (Rock Fill), Installed	\$0.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed	\$0.00	sq. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed	\$0.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Sodding	\$0.00	ac.
Topsoil, Salvaging and Spreading	\$0.00	ac.
Concrete Block Chute, with Geotextile, Installed	\$3,800.00	lin. ft.
Concrete Blocks, 2 ft. x 2 ft. x 4 ft., Installed	\$3.00	ea.
Concrete, Reinforced, Cast In Place, Installed	\$168.00	cu. yd.
Timber Fabrication, Treated, Installed	\$0.00	bd. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Subsurface Drain - 606	10	0.03	\$1.20	feet
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.

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Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.

Conservation Practice Name and Code

	<u>Life</u>	<u>O & M</u>	<u>Cost per</u>	<u>Unit</u>
	<u>Span</u>	<u>Factor</u>	<u>Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher			\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed			\$2.50	lin. ft.

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Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed			\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed			\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed			\$8.00	lin. ft.
Rodent Guard, 4-inch, Installed			\$30.00	ea.
Rodent Guard, 6-inch, Installed			\$30.00	ea.
Rodent Guard, 8-inch, Installed			\$30.00	ea.
Rodent Guard, 10-inch, Installed			\$32.00	ea.
Rodent Guard, 12-inch, Installed			\$30.00	ea.
Rodent Guard, 15-inch, Installed			\$30.00	ea.
Gravel, Drain Fill, Installed			\$21.00	cu. yd.

Surface Drainage, Main or Lateral - 608

	10	0.03	\$0.00	
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Excavation, Rock			\$3.00	cu. yd.
Excavation, Wet			\$4.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed			\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed			\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Spoil Spreading			\$0.00	cu. yd.
Topsoil, Salvaging and Spreading			\$0.00	ac.

Tree/Shrub Establishment - 612

	25	0.01	\$284.00	ac.
Trees/Shrubs-conifer bare root or containerized plugs 2-0 to 3-0 stock			\$0.18	no.

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Trees/Shrubs-deciduous			\$0.33	no.
Tree Planting-Hand (includes scalping, equipment and labor)			\$0.16	no.
Tree Planting-Machine (includes scalping, equipment and labor)			\$0.14	no.
Weed Control for trees - Herbicides and application (hand)			\$88.00	ac.
Weed Control for trees - Herbicides and application (machine)			\$60.00	ac.
Weed Control for trees - Mechanical machine scalping (if not done during planting)			\$45.00	ac.
Pest protection for trees/shrubs, fabric weed barrier			\$0.70	no.
Pest protection for trees/shrubs, Organic Mulch			\$9.00	cu. yd.
Pest protection, tree protectors (tubes, plastic rodent protectors, plastic mesh, wire mesh) includes installation with wood or metal stakes			\$2.50	no.

Tree/Shrub Pruning - 660	10	0	\$0.00	acre
Tree Pruning - Trees 10 up to 18 ft. (includes labor and equipment)			\$1.00	each
Tree Pruning - Trees 18 ft. up to 26 ft. (includes labor and equipment)			\$1.25	each
Tree Pruning - Trees up to 10 ft. (includes labor and equipment)			\$0.85	each

Underground Outlet - 620	10	0.01	\$0.00	feet
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed			\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed			\$13.30	lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed			\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed			\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed			\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed			\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed			\$27.10	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe			\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe			\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings,			\$3.85	lin. ft.

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installed with backhoe

Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with trencher	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with trencher	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with trencher	\$1.80	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with trencher	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with trencher	\$6.50	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.

Conservation Practice Name and Code

<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
		\$0.00	lin. ft.
		\$0.00	lin. ft.
		\$2.50	lin. ft.
		\$4.00	lin. ft.
		\$6.05	lin. ft.

Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with trencher	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.

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Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.
Rodent Guard, 15-inch, Installed	\$30.00	ea.
Surface Inlet, Perforated, incl., Fittings, Installed	\$0.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	acre
Topsoil, Salvaging and Spreading	\$0.00	ac.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Upland Wildlife Habitat Management - 645	1	0	\$200.00	acre
Seedbed Preparation			\$0.00	ac.
Excavation			\$1.50	cu. yd.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.

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Native prairie planting			\$300.00	ac.
Tree Planting-Hand (includes scalping, equipment and labor)			\$0.16	no.
Tree Planting-Machine (includes scalping, equipment and labor)			\$0.14	no.
Trees/Shrubs-conifer bare root or containerized plugs 2-0 to 3-0 stock			\$0.18	no.
Trees/Shrubs-deciduous			\$0.33	no.
Structures (boxes, brush piles, etc.)			\$0.00	no.
Corridor Establishment			\$0.00	ft.
Grain Food Plots			\$75.00	ac.
Use Exclusion - 472	20	0.03	\$1,895.00	acre
see Fence- 382			\$4,000.00	
Vegetative Barrier - 601	10	0.02	\$0.00	ft.
Vegetative barrier, layout, site preparation, plant material plugs, hand planting and weed control			\$0.00	
Waste Storage Facility - 313	10 - 25	0.02	\$55,800.00	each
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe			\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe			\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe			\$1.80	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe			\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe			\$30.00	lin. ft.

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Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe	\$0.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed	\$0.00	lin. ft.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Earthfill, Compacted, Off-site Material (3 mile haul)	\$0.00	cu.yd.
Earthfill, Compacted, On-site Material	\$6.00	cu.yd.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Earthfill, Clay Liner, Installed	\$12.00	cu. yd.
Pond Sealing and Lining, EPDM, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Pond Sealing and Lining, HDPE, incl. Materials and Labor, Installed	\$4.95	sq. yd.
Pond Sealing and Lining, Soil Dispersant, incl. Materials and Labor, Installed	\$0.00	sq. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$0.00	ac.

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Topsoil, Salvaging and Spreading			\$0.00	ac.
Concrete Blocks, 2 ft. x 2 ft. x 4 ft., Installed			\$3.00	ea.

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Concrete, Non-Reinforced, 4-inch Thick over Compacted Sand, Flatwork, Installed			\$2.65	sq. yd.
Concrete, Non-Reinforced, 5-inch Thick, Flatwork, Installed			\$330.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 4-inch Thick, Flat or Slope, Installed			\$0.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 5-inch Thick, Flat or Slope, Installed			\$0.00	sq. yd.
Concrete, Reinforced, Cast In Place, Installed			\$168.00	cu. yd.
Fencing, Barbed Wire, 3-Strand, Installed			\$0.80	lin. ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed			\$1.05	lin. ft.
Fencing, High Tensile, Smooth 5-Wire, Installed			\$1.05	lin. ft.
Fencing, Woven Wire, Installed			\$1.50	lin. ft.
Roof Gutters, with downspouts			\$2.00	lin. ft.
Timber Fabrication, Treated, Installed			\$0.00	bd. ft.

Waste Utilization - 633	1	0.1	\$14.00	no. & ac.
Testing, permit cost, calibration of application equipment, recordkeeping			\$0.00	

Water and Sediment Control Basin - 638	10	0.03	\$2,170.00	each
Earthfill, Compacted, Off-site Material (3 mile haul)			\$0.00	cu.yd.
Earthfill, Compacted, On-site Material			\$6.00	cu.yd.
Excavation, Common			\$3.25	cu. yd.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$0.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed			\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed			\$475.00	ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed			\$0.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	acre
Topsoil, Salvaging and Spreading			\$0.00	ac.
Refer to Underground Outlet for outlet			\$0.00	

<u>Conservation Practice Name and Code</u>	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Water Well - 642	10	0.01	\$1,000.00	No.
Well Casing, 4-inch, Installed			\$0.00	lin. ft.
Well Casing, 6-inch, Installed			\$0.00	lin. ft.
Well, Drilled, 4-inch, Installed			\$12.00	lin. ft.
Well, Drilled, 6-inch, Installed			\$0.00	lin. ft.

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Watering Facility - 614	10	0.03	\$1,050.00	No.
Pipe Trenching, (w/Backhoe), Incl. Valves, Hydrants, Fittings, and All Other			\$0.00	lin. ft.
Pipe Trenching, (w/Trencher) Incl. Valves, Hydrants, Fittings and All Other			\$0.00	lin. ft.
Pipe, PE, 1-1/2-inch, Incl. Fittings, Installed (water supply)			\$0.00	lin. ft.
Pipe, PE, 1-inch, Incl. Fittings, Installed (water supply)			\$0.30	lin. ft.
Pipe, PE, 2-1/2-inch, Incl. Fittings, Installed (water supply)			\$0.00	lin. ft.
Pipe, PE, 2-inch, Incl. Fittings, Installed (water supply)			\$0.00	lin. ft.
Ram Pump, Livestock Water, Complete, Installed			\$0.00	ea.
Spring Development, Complete System, Installed			\$0.00	ea.
Trough or Tank, Galv., 100 gal., with Gravel Pad, Installed			\$150.00	ea.
Trough or Tank, Galv., 200 gal., with Gravel Pad, Installed			\$500.00	ea.
Trough or Tank, Galv., 400 gal., with Gravel Pad, Installed			\$1,000.00	ea.
Trough or Tank, Poly., 100 gal., with Gravel Pad, Installed			\$200.00	ea.
Trough or Tank, Poly., 200 gal., with Gravel Pad, Installed			\$400.00	ea.
Trough or Tank, Poly., 400 gal., with Gravel Pad, Installed			\$0.00	ea.
(Refer to Heavy Use Area Protection to stabilize ground around Watering Facility)			#N/A	
Well Decommissioning - 351	10	0	\$390.00	No.
Well Decommissioning, Bedrock Well			\$0.00	ea.
Well Decommissioning, Dug Well			\$0.00	ea.
Well Decommissioning, Sand/Gravel Well			\$0.00	ea.
Wetland Creation - 658	15	0.01	\$800.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Site Preparation, Stripping and Stockpiling			\$0.00	cu. yd.
	Life	O & M	Cost per	
	Span	Factor	Unit	Unit
Excavation, Common			\$3.25	cu. yd.
Embankment			\$3.00	cu. yd.
Control Structure, installed			\$970.00	no.
Critical Area Planting (Dike)			\$1,439.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.

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Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.
Tree Planting - see Tree/Shrub Establishment - 612			\$0.00	ac.
Aquatic Plant Establishment			\$0.00	ac.

Wetland Enhancement - 659

	15	0.01	\$800.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Site Preparation (Stripping and Stockpiling)			\$2.60	cu. yd.
Excavation, Common			\$3.25	cu. yd.
Embankment			\$3.00	cu. yd.
Tile Break			\$213.00	no.
Control Structure, installed			\$970.00	no.
Critical Area Planting (Dike)			\$1,439.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.
Wildflower Planting			\$500.00	ac.

Wetland Restoration - 657

	15	0.01	\$1,100.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Site Preparation (Stripping and Stockpiling)			\$2.60	cu. yd.
Excavation, Common			\$3.25	cu. yd.
Embankment			\$3.00	cu. yd.
Tile Break			\$213.00	no.
Control Structure, installed			\$970.00	no.
Critical Area Planting (Dike)			\$1,439.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.

Conservation Practice Name and Code

	<u>Life Span</u>	<u>O & M Factor</u>	<u>Cost per Unit</u>	<u>Unit</u>
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.
Wildflower Planting			\$500.00	ac.

Wetland Wildlife Habitat Management - 644

	1	0	\$3.00	ac.
Site Preparation (Clearing and grubbing)			\$1,850.00	ac.
Site Preparation (Stripping and Stockpiling)			\$2.60	cu. yd.

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Excavation, Common			\$3.25	cu. yd.
Embankment			\$3.00	cu. yd.
Tile Break			\$213.00	no.
Control Structure, installed			\$970.00	no.
Critical Area Planting (Dike)			\$1,439.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$162.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control			\$400.00	ac.
Wildflower Planting			\$500.00	ac.
Tree and Shrub Planting - see Tree/Shrub Establishment - 612			\$0.00	ac.
Aquatic Plant Establishment			\$0.00	ac.
Nesting Structures (platforms, boxes)			\$0.00	no.
Windbreak/Shelterbelt Establishment - 380	15	0.01	\$2.25	ft.
See Tree/Shrub Establishment 612			\$4,000.00	
Windbreak/Shelterbelt Renovation - 650	15	0.01	\$0.70	ft.
Replacement of dead or dying trees in a windbreak. Thinning, pruning and removing dead, diseased, deformed trees from existing windbreak.				
See Tree/Shrub Establishment 612				
See Tree Pruning 660				
See Forest Stand Improvement 666				