

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit_Type	2008 State Average Cost (\$)	Cost_Type
100	CTA	Comprehensive Nutrient Management Plan	Comprehensive Nutrient Management Plan	no	350.00	FR
313	CTA	Waste Storage Facility	Waste Storage Structure, Standard Design, Litter Building (earthwork, concrete, building)	sf	5.96	AC
313	CTA	Waste Storage Facility	Concrete Form Walls & Str Form Steel, Place & Finish	cy	357.00	AC
313	CTA	Waste Storage Facility	Concrete Slabs (Forming, Steel, Placement & Finish)	cy	194.00	AC
313	CTA	Waste Storage Facility	Slotted Riser 8" X 3'	ea	52.00	AC
313	CTA	Waste Storage Facility	Earthfill Moisture Control	cy	1.62	AC
313	CTA	Waste Storage Facility	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
313	CTA	Waste Storage Facility	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
314	CTA	Brush Management	Control of Light Brush Competition	ac	50.00	AC
314	CTA	Brush Management	Control of Medium Brush Competition	ac	79.00	AC
314	CTA	Brush Management	Control of Heavy Brush Competition	ac	115.00	AC
317	CTA	Composting Facility	Compost Facility, Standard Design, Poultry (earthwork, concrete, building)	sf	7.90	AC
317	CTA	Composting Facility	Composting Facility, Rotary Drum Composter (composter, freight)	gal	6.90	AC
317	CTA	Composting Facility	Concrete Slabs (Forming, Steel, Placement & Finish)	cy	194.00	AC
317	CTA	Composting Facility	Rotary Drum Composter Building (earthwork, concrete, materials, installed)	sf	8.20	AC
317	CTA	Composting Facility	Earthfill Moisture Control	cy	1.62	AC
317	CTA	Composting Facility	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
317	CTA	Composting Facility	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
327	CTA	Conservation Cover	Native species, 3 or more species mix (seedbed prep, seed, planting)	ac	150.00	AC
327	CTA	Conservation Cover	Native species, 1 to 2 species (seedbed prep, seed, planting)	ac	92.00	AC
327	CTA	Conservation Cover	Introduced species - (CRP-CP1 only) (seedbed prep, seed, planting)	ac	61.25	AC
327	CTA	Conservation Cover	Herbicide - Light/medium Cover Competition	ac	50.00	AC
327	CTA	Conservation Cover	Chemical Application: CRP Mid-contract Management Activity	ac	45.00	AC
327	CTA	Conservation Cover	Inter-Seeding / Inter-Planting ("Native" Grass / Legume / Forb seeds for wildlife (1/2 seed rate), disking, planting): CRP Mid-contract Management Activity	ac	66.50	AC
327	CTA	Conservation Cover	Light Disking: CRP Mid-contract Management Activity	ac	20.00	AC
327	CTA	Conservation Cover	Mowing and Baling: CRP Mid-contract Management Activity	ac	45.00	AC
327	CTA	Conservation Cover	Wildlife Nesting Habitat Improvement: CRP Mid-contract Management Activity	ac	5.00	FR
329	CTA	Residue and Tillage Management, No-Till/Strip-Till/Direct Seed	No Till	ac	25.00	FR
330	CTA	Contour Farming	Contour Farming	ac	5.00	FR
338	CTA	Prescribed Burning	Prescribed Burning	ac	25.00	AC
338	CTA	Prescribed Burning	Prescribed Burning (Longleaf Pine ONLY)	ac	25.00	AC
338	CTA	Prescribed Burning	Prescribed Burning: CRP Mid-Contract Management Activity	ac	25.00	AC
340	CTA	Cover crop	Establishment of small grain for seasonal cover	ac	31.00	AC
340	CTA	Cover crop	Establishment of legume for seasonal cover	ac	65.50	AC
340	CTA	Cover crop	Establishment of small grain and legume for seasonal cover	ac	36.80	AC
340	CTA	Cover Crop	Establishment of Cover Crop	ac	20.00	FR
342	CTA	Critical Area Planting	Establishment of permanent cover (seedbed Prep, seed, and seeding)	ac	210.00	AC
342	CTA	Critical Area Planting	Earthwork (including smoothing, shaping, and mobilization)	ac	550.00	AC
344	CTA	Residue Management, Seasonal	Seasonal Residue Management	ac	7.50	FR
345	CTA	Residue and Tillage Management, Mulch Till	Mulch Till	ac	12.00	FR
346	CTA	Residue and Tillage Management, Ridge Till	Ridge Till	ac	15.00	FR
350	CTA	Sediment Basin	Sediment Basin (installed, mobilization, earthwork, outlet structure)	cy	2.45	AC
350	CTA	Sediment Basin	Earthfill Moisture Control	cy	1.62	AC
350	CTA	Sediment Basin	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
350	CTA	Sediment Basin	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
351	CTA	Well Decommissioning	Earthwork for well closure (excavation, earthfill, placement and shaping)	cy	3.85	AC
351	CTA	Well Decommissioning	Well closure - 10" diameter well casing (includes all materials, labor and equipment)	ea	7600.00	AC

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351	CTA	Well Decommissioning	Well closure - 12" diameter well casing (includes all materials, labor and equipment)	ea	8200.00	AC
351	CTA	Well Decommissioning	Well closure - 14" diameter well casing (includes all materials, labor and equipment)	ea	8700.00	AC
351	CTA	Well Decommissioning	Well closure - 16" diameter well casing (includes all materials, labor and equipment)	ea	9200.00	AC
351	CTA	Well Decommissioning	Well closure - 18" diameter well casing (includes all materials, labor and equipment)	ea	11300.00	AC
351	CTA	Well Decommissioning	Well closure - 2" diameter well casing (includes all materials, labor and equipment)	ea	728.00	AC
351	CTA	Well Decommissioning	Well closure - 20" diameter well casing (includes all materials, labor and equipment)	ea	12900.00	AC
351	CTA	Well Decommissioning	Well closure - 4" diameter well casing (includes all materials, labor and equipment)	ea	2300.00	AC
351	CTA	Well Decommissioning	Well closure - 6" diameter well casing (includes all materials, labor and equipment)	ea	4100.00	AC
351	CTA	Well Decommissioning	Well closure - 8" diameter well casing (includes all materials, labor and equipment)	ea	6100.00	AC
356	CTA	Dike	Dike - Ag Land, Mineral soils (installed, mobilization, earthwork)	cy	1.70	AC
356	CTA	Dike	Dike - Wetland, Mineral soils (installed, creative borrow, mobilization)	cy	2.85	AC
356	CTA	Dike	Dike - Organic Marsh Soils ONLY (installed, mobilization, earthwork)	cy	2.50	AC
356	CTA	Dike	Earthfill Moisture Control	cy	1.62	AC
356	CTA	Dike	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
356	CTA	Dike	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
359	CTA	Waste Treatment Lagoon	New lagoon and appurtenances (total lagoon volume cost basis) (installed, mobilization, earthwork, materials)	cf	0.18	AC
359	CTA	Waste Treatment Lagoon	Old lagoon (clean out in order to upgrade facility to NRCS Standards)	gal	0.01	AC
359	CTA	Waste Treatment Lagoon	Earthliner using material from lagoon (includes excavation, hauling, placement, compaction)	cy	3.65	AC
359	CTA	Waste Treatment Lagoon	Earthliner using material from on farm (includes excavation, hauling, placement, compaction)	cy	7.55	AC
359	CTA	Waste Treatment Lagoon	Earthfill Moisture Control	cy	1.62	AC
359	CTA	Waste Treatment Lagoon	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
359	CTA	Waste Treatment Lagoon	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
362	CTA	Diversion	Diversion (installed, mobilization, earthwork)	cy	3.60	AC
362	CTA	Diversion	Earthfill Moisture Control	cy	1.62	AC
362	CTA	Diversion	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
362	CTA	Diversion	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
378	CTA	Pond	Embankment Pond, more than 5 ac DA (including mobilization, earthwork, sand diaphragm & trickle tube)	cy	3.50	AC
378	CTA	Pond	Embankment Pond, more than 5 ac DA (with livestock exclusion and wildlife buffer) (including mobilization, earthwork, sand diaphragm & trickle tube)	cy	3.50	AC
378	CTA	Pond	Embankment Pond, 5 ac or less DA (includes mobilization and earthwork)	cy	2.90	AC
378	CTA	Pond	Embankment Pond, 5 ac or less DA (with livestock exclusion and wildlife buffer) (includes mobilization and earthwork)	cy	2.90	AC
378	CTA	Pond	Excavated pond (installed, mobilization, earthwork)	cy	2.05	AC
378	CTA	Pond	Excavated pond (with livestock exclusion and wildlife buffer) (installed, mobilization, earthwork)	cy	2.05	AC
378	CTA	Pond	Earthliner using material from on farm (includes excavation, hauling, placement, compaction)	cy	7.55	AC
378	CTA	Pond	Earthliner using material from on farm (with livestock exclusion and wildlife buffer) (includes excavation, hauling, placement, compaction)	cy	7.55	AC
378	CTA	Pond	Earthliner using material from pond (includes excavation, hauling, placement, compaction)	cy	3.65	AC
378	CTA	Pond	Earthliner using material from pond (with livestock exclusion and wildlife buffer) (includes excavation, hauling, placement, compaction)	cy	3.65	AC
378	CTA	Pond	Earthfill Moisture Control	cy	1.62	AC
378	CTA	Pond	Earthfill Moisture Control (with livestock exclusion and wildlife buffer)	cy	1.62	AC

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378	CTA	Pond	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
378	CTA	Pond	Earthfill Soil Modification-quicklime material & freight (with livestock exclusion and wildlife buffer)	tn	130.00	AC
378	CTA	Pond	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
378	CTA	Pond	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays (with livestock exclusion and wildlife buffer)	cy	6.50	AC
382	CTA	Fence	1 - Strand Electric Wire (materials and labor)	lf	0.63	AC
382	CTA	Fence	2-Strand Electric Wire (materials and labor)	lf	0.69	AC
382	CTA	Fence	4-Strand Electric Wire (sheep and/or goat herd) (materials and labor)	lf	0.80	AC
382	CTA	Fence	Off-Set Electric - "power feed" - includes materials (wire, insulators, etc.) and labor	lf	0.56	AC
382	CTA	Fence	4 Strand Barbed Wire (materials and labor)	lf	1.63	AC
382	CTA	Fence	Netwire/Barbed Wire (materials and labor)	lf	1.78	AC
382	CTA	Fence	1 Strand Floating Electric Fence (materials and labor)	ea	224.00	AC
382	CTA	Fence	Energizer and components	ea	241.50	AC
386	CTA	Field Border	Native species, 3 or more species mix (seedbed prep, seed, planting)	ac	150.00	AC
386	CTA	Field Border	Native species, 1 to 2 species (seedbed prep, seed, planting)	ac	92.00	AC
386	CTA	Field Border	Introduced species - (seed, seedbed preparation or burn down, planting)	ac	61.25	AC
386	CTA	Field Border	Herbicide - Light/Medium Competition	ac	50.00	AC
393	CTA	Filter Strip	Native species, 3 or more species mix (seedbed prep, seed, planting)	ac	150.00	AC
393	CTA	Filter Strip	Native species, 1 to 2 species (seedbed prep, seed, planting)	ac	92.00	AC
393	CTA	Filter Strip	Earthwork (smoothing, shaping and mobilization)	cy	1.64	AC
393	CTA	Filter Strip	Herbicide - Light/Medium Competition	ac	50.00	AC
394	CTA	Fire Break	Firebreak Double Disked	ft	0.03	AC
394	CTA	Fire Break	Firebreak Heavy Equipment	ft	0.05	AC
410	CTA	Grade Stabilization Structure	Anti-vortex Baffle - PVC or Corrugated Metal (per inch of riser diameter)	in	9.20	AC
410	CTA	Grade Stabilization Structure	Chute - PVC - SDR 51 80 PSI 6' Chute (max 2.5' overfall)	ea	504.00	AC
410	CTA	Grade Stabilization Structure	Chute - Steel - 11 GA 6' Chute (max 2.5' overfall)	ea	207.00	AC
410	CTA	Grade Stabilization Structure	Low Overfall End Sections - PVC for 18" to 27" diameter pipe (per inch of pipe diameter)	in	10.00	AC
410	CTA	Grade Stabilization Structure	Low Overfall End Sections - PVC for 8" to 15" diameter pipe (per inch of pipe diameter)	in	5.00	AC
410	CTA	Grade Stabilization Structure	Re-installation of a failed structure (Requires SO Approval, includes excavation, re-set structure, anti-buoyancy concrete, rebar, earthfill, mobilization)	cy	1.60	AC
410	CTA	Grade Stabilization Structure	Riser - add Deflection to any size PVC standard riser	ea	7.90	AC
410	CTA	Grade Stabilization Structure	Riser - CMP - Fabrication Charge for CMP Riser (per inch of riser diameter) w/ concrete, rebar	in	13.60	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Mini Pipedrop 10" x 8"	ea	70.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Mini Pipedrop 12" x 10"	ea	105.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Mini Pipedrop 15" x 12"	ea	161.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 10" x 8" w/ concrete, rebar	ea	111.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 12" x 10" w/ concrete, rebar	ea	142.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 15" x 12" w/ concrete, rebar	ea	190.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 21" x 15" w/ concrete, rebar	ea	473.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 24" x 18" w/ concrete, rebar	ea	913.00	AC
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 27" x 18" w/ concrete, rebar	ea	1042.00	AC
410	CTA	Grade Stabilization Structure	Riser - Telescopic Riser Ext PVC Pipedrop with Gasket (per inch of gasket diameter)	in	1.90	AC
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 10" w/ additional concrete	lf	15.00	AC
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 12" w/ additional concrete	lf	22.00	AC
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 15" w/ additional concrete	lf	32.00	AC
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 21" w/ additional concrete	lf	48.00	AC
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 24" w/ additional concrete	lf	62.00	AC

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410	CTA	Grade Stabilization Structure	Rock Riprap (Includes purchase, geotextile, hauling & place)	tn	79.00	AC
410	CTA	Grade Stabilization Structure	Smooth Steel Pipe - Fabrication charges to lengthen pipe or to attach header to barrel (per inch of pipe/barrel diameter)	in	10.00	AC
410	CTA	Grade Stabilization Structure	Smooth Steel Pipe - Notch Weir Inlet fabrication charge (per inch of pipe diameter)	in	5.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	33.60	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	41.60	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	43.70	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	58.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	82.30	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	98.10	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 49" to 66" diameter pipe, (installed, mobilization, materials)	ft	157.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum 67" to 72" diameter pipe, (installed, mobilization, materials)	ft	190.90	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP - Aluminum up to 12" diameter pipe, (installed, mobilization, materials)	ft	37.50	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	36.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	50.60	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	70.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	89.60	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	100.70	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	111.70	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 49" to 66" diameter pipe, (installed, mobilization, materials)	ft	159.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP 67" to 72" diameter pipe, (installed, mobilization, materials)	ft	161.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, CMP up to 12" diameter pipe, (installed, mobilization, materials)	ft	40.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Plastic 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	31.50	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Plastic 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	49.70	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Plastic 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	57.10	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Plastic 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	53.50	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Plastic 37" and larger diameter pipe, (installed, mobilization, materials)	ft	74.90	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Plastic up to 12" diameter pipe, (installed, mobilization, materials)	ft	31.20	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	48.40	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	56.80	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	61.40	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	69.30	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	122.30	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	142.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel 49" and larger diameter pipe, (installed, mobilization, materials)	ft	142.00	AC
410	CTA	Grade Stabilization Structure	Straight Pipe, Smooth Steel up to 12" diameter pipe, (installed, mobilization, materials)	ft	43.80	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 24" x 12" x 4' w/ concrete, rebar	ea	322.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 36" x 15" x 4' w/ concrete, rebar	ea	391.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 48" x 18" x 4' w/ concrete, rebar	ea	614.00	AC

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410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 48" x 21" x 4' w/ concrete, rebar	ea	542.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 24" x 12" x 4' w/ concrete, rebar	ea	457.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 24" x 15" x 4' w/ concrete, rebar	ea	484.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 36" x 15" x 4' w/ concrete, rebar	ea	733.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 36" x 18" x 4' w/ concrete, rebar	ea	748.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 48" x 18" x 4' w/ concrete, rebar	ea	1014.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 48" x 21" x 4' w/ concrete, rebar	ea	1048.00	AC
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 48" x 24" x 4' w/ concrete, rebar	ea	1663.00	AC
410	CTA	Grade Stabilization Structure	Earthfill Moisture Control	cy	1.62	AC
410	CTA	Grade Stabilization Structure	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
410	CTA	Grade Stabilization Structure	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
412	CTA	Grassed Waterway	Waterway (installed, mobilization, excavation)	cy	2.10	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 3" or 4" dia. (installed, mobilization, materials)	ft	5.40	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 3" or 4" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	5.40	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 6" or 8" dia. (installed, mobilization, materials)	ft	6.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 6" or 8" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	6.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 10" dia. (installed, mobilization, materials)	ft	8.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 10" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	8.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 12" dia. (installed, mobilization, materials)	ft	9.50	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 12" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	9.50	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 15" dia. (installed, mobilization, materials)	ft	13.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 15" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	13.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 18" dia. (installed, mobilization, materials)	ft	20.20	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 18" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	20.20	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 2" (up to 8" dia pipe) installed on existing pump discharge to meet the standard	ea	133.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 2" (up to 8" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	133.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 3" (8" to 12" dia pipe) installed on existing pump discharge to meet the standard	ea	191.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 3" (8" to 12" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	191.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 4" (12" to 16" dia pipe) installed on existing pump discharge to meet the standard	ea	229.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 4" (12" to 16" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	229.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 6" (16" to 24" dia pipe) installed on existing pump discharge to meet the standard	ea	486.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 6" (16" to 24" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	486.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 3" or 4" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2000.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 3" or 4" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2000.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 6" or 8" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2200.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 6" or 8" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2200.00	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit Type	2008 State Average Cost (\$)	Cost Type
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 10" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2300.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 10" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2300.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 12" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2900.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 12" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2900.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 15" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3000.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 15" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3000.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 18" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3300.00	AC
430DD	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 18" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3300.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 3" or 4" dia. (installed, mobilization, materials)	ft	5.40	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 3" or 4" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	5.40	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 6" or 8" dia. (installed, mobilization, materials)	ft	6.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 6" or 8" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	6.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 10" dia. (installed, mobilization, materials)	ft	8.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 10" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	8.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 12" dia. (installed, mobilization, materials)	ft	9.50	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 12" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	9.50	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 15" dia. (installed, mobilization, materials)	ft	13.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 15" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	13.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 18" dia. (installed, mobilization, materials)	ft	20.20	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pipeline, 18" dia. (Manure Transfer ONLY) (installed, mobilization, materials)	ft	20.20	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 2" (up to 8" dia pipe) installed on existing pump discharge to meet the standard	ea	133.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 2" (up to 8" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	133.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 3" (8" to 12" dia pipe) installed on existing pump discharge to meet the standard	ea	191.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 3" (8" to 12" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	191.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 4" (12" to 16" dia pipe) installed on existing pump discharge to meet the standard	ea	229.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 4" (12" to 16" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	229.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 6" (16" to 24" dia pipe) installed on existing pump discharge to meet the standard	ea	486.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pressure relief valve - 6" (16" to 24" dia pipe) (Manure Transfer ONLY) installed on existing pump discharge to meet the standard	ea	486.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 3" or 4" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2000.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 3" or 4" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2000.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 6" or 8" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2200.00	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit Type	2008 State Average Cost (\$)	Cost Type
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 6" or 8" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2200.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 10" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2300.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 10" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2300.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 12" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2900.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 12" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	2900.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 15" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3000.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 15" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3000.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 18" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3300.00	AC
430EE	CTA	Irrigation Water Conveyance Pipeline	Pump to pipeline connection, 18" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	3300.00	AC
436	CTA	Irrigation Storage Reservoir	Irrigation Storage Reservoir (installed, mobilization, earthwork)	cy	1.80	AC
436	CTA	Irrigation Storage Reservoir	Earthfill Moisture Control	cy	1.62	AC
436	CTA	Irrigation Storage Reservoir	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
436	CTA	Irrigation Storage Reservoir	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
441	CTA	Irrigation System, Microirrigation	Installation and set up of new microirrigation system (filtration system and backwash controller,	ea	45000.00	AC
441	CTA	Irrigation System, Microirrigation	Flexible hose, irrigation taper or emitters, riser connection from manifold to point of delivery	ac	2400.00	AC
442	CTA	Irrigation System, Sprinkler	Conversion of existing surface irrigation system to a low-pressure center pivot system (LEPA, LESA, LPIC or MESA) including materials and installation.	lf	44.25	AC
442	CTA	Irrigation System, Sprinkler	Conversion of existing high pressure center pivot system to a low-pressure center pivot system (LEPA, LESA, LPIC or MESA) including materials and installation	lf	5.00	AC
449	CTA	Irrigation Water Management	Rice Water Quality Improvement	ac	6.00	FR
449	CTA	Irrigation Water Management	Flowmeter (meter and installation on irrigation pipeline, per inch of pipe O.D.)	in	81.00	AC
462	CTA	Precision Land Forming	125 to 205 cy per ac (installed , mobilization, earthwork)	ac	252.00	AC
462	CTA	Precision Land Forming	Greater than 205 cy per ac (installed, mobilization, earthwork)	ac	344.00	AC
464	CTA	Irrigation Land Leveling	125 to 205 cy per ac (installed , mobilization, earthwork)	ac	252.00	AC
464	CTA	Irrigation Land Leveling	Greater than 205 cy per ac (installed, mobilization, earthwork)	ac	344.00	AC
484	CTA	Mulching	Erosion Control Matting - Permanent (installed, materials)	sy	6.00	AC
484	CTA	Mulching	Erosion Control Matting - Temporary (installed, materials)	sy	3.00	AC
484	CTA	Mulching	Hay or Straw Bales	ac	550.00	AC
490	CTA	Forest Site Preparation	Afforestation Mechanical-(Bushhogging)	ac	20.00	AC
490	CTA	Forest Site Preparation	Afforestation Mechanical-(Bushhogging) (Riparian Forest Buffer OR Longleaf Pine ONLY)	ac	20.00	AC
490	CTA	Forest Site Preparation	Afforestation Mechanical-(Deep Tillage)	ac	21.00	AC
490	CTA	Forest Site Preparation	Afforestation Mechanical-(Deep Tillage) (Riparian Forest Buffer OR Longleaf Pine ONLY)	ac	21.00	AC
490	CTA	Forest Site Preparation	Afforestation Mechanical-(Disking)	ac	20.00	AC
490	CTA	Forest Site Preparation	Afforestation Mechanical-(Disking) (Riparian Forest Buffer OR Longleaf Pine ONLY)	ac	20.00	AC
490	CTA	Forest Site Preparation	Reforestation Mechanical-(Deep Tillage)	ac	146.00	AC
490	CTA	Forest Site Preparation	Reforestation Mechanical-(Drum Chop or Shear)	ac	116.00	AC
490	CTA	Forest Site Preparation	Reforestation Mechanical-(Shear, Pile, and Rake)	ac	225.00	AC
490	CTA	Forest Site Preparation	Reforestation Mechanical - Strip Debris Dispersal	ac	75.00	AC
490	CTA	Forest Site Preparation	Herbicide - Light Cover Competition	ac	47.00	AC
490	CTA	Forest Site Preparation	Herbicide - Light Cover Competition (Riparian Forest Buffer OR Longleaf Pine ONLY)	ac	47.00	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit Type	2008 State Average Cost (\$)	Cost Type
490	CTA	Forest Site Preparation	Herbicide - Medium Cover Competition	ac	72.00	AC
490	CTA	Forest Site Preparation	Herbicide - Medium Cover Competition (Riparian Forest Buffer OR Longleaf Pine ONLY)	ac	72.00	AC
490	CTA	Forest Site Preparation	Herbicide - Heavy Cover Competition	ac	115.00	AC
490	CTA	Forest Site Preparation	Herbicide - Heavy Cover Competition (Riparian Forest Buffer OR Longleaf Pine ONLY)	ac	115.00	AC
512	CTA	Pasture and Hayland Planting	Seeding Introduced Species (seed, seedbed preparation, planting)	ac	61.25	AC
512	CTA	Pasture and Hayland Planting	Sprigging Introduced Species (sprigs, seedbed preparation, planting)	ac	108.50	AC
512	CTA	Pasture and Hayland Planting	Native Species (seed, seedbed preparation, planting)	ac	137.00	AC
512	CTA	Pasture and Hayland Planting	Interseeding Clover (seed, and planting)	ac	39.00	AC
512	CTA	Pasture and Hayland Planting	Herbicide - Light to medium Competition	ac	50.00	AC
516	CTA	Pipeline	Plastic - 3/4" dia. (installed, mobilization, materials, earthwork)	lf	1.30	AC
516	CTA	Pipeline	Plastic - 1" to 1-1/2" dia. (installed, mobilization, materials, earthwork)	lf	1.85	AC
516	CTA	Pipeline	Plastic - 2" dia. (installed, mobilization, materials, earthwork)	lf	2.35	AC
516	CTA	Pipeline	Boring under roadway (installation)	ea	1040.00	AC
521A	CTA	Pond Sealing or Lining, Flexible Membrane	Pond Liner, Flexible Membrane (installed, mobilization, liner)	sf	0.90	AC
521C	CTA	Pond Sealing or Lining, Bentonite Sealant	Pond Liner, Bentonite Treatment (installed, mobilization, bentonite)	tn	340.00	AC
528	CTA	Prescribed Grazing	Deferred Grazing	ac	50.00	FR
528	CTA	Prescribed Grazing	Increase in Pasture Condition Score Category 1 to Category 4	ac	194.00	FR
528	CTA	Prescribed Grazing	Increase in Pasture Condition Score Category 2 to Category 4	ac	135.00	FR
528	CTA	Prescribed Grazing	Increase in Pasture Condition Score Category 3 to Category 4	ac	105.00	FR
528	CTA	Prescribed Grazing	Record Keeping	ac	0.50	FR
533	CTA	Pumping Plant	Nose Pump for livestock water (pump, suction hose, foot valve, platform)	ea	572.00	AC
533	CTA	Pumping Plant	Solar Pump for livestock water (pump, solar panel, discharge hose, wiring harness)	ea	3120.00	AC
533	CTA	Pumping Plant	Up to 500 GPM (installed, mobilization, pump, hookup)	gpm	22.60	AC
533	CTA	Pumping Plant	Up to 500 GPM (Manure Transfer ONLY) (installed, mobilization, pump, hookup)	gpm	22.60	AC
533	CTA	Pumping Plant	Greater than 500 GPM (installed, mobilization, pump, hookup)	gpm	4.90	AC
533	CTA	Pumping Plant	Greater than 500 GPM (Manure Transfer ONLY) (installed, mobilization, pump, hookup)	gpm	4.90	AC
533	CTA	Pumping Plant	Conversion to a Low Pressure Center Pivot Sprinkler System - Irrigation pump modification (materials, labor, equipment, mobilization)	ea	3500.00	AC
533	CTA	Pumping Plant	Well Refurbishment - Pull and replace only the pump, all well sizes (per inch of production or column pipe diameter)	in	480.00	AC
533	CTA	Pumping Plant	Well Refurbishment - Pull and replace only the pump and shafts on well sizes => 8 inch (per inch of production or column pipe diameter)	in	980.00	AC
533	CTA	Pumping Plant	Well Refurbishment - Pull and replace all of the pumping equipment on well sizes => 8 inch (pump, column, tubes, shaft, discharge head) (per inch of production or column pipe diameter)	in	1700.00	AC
550	CTA	Range Planting	Native species, 3 or more species mix (seedbed prep, seed, planting)	ac	155.00	AC
550	CTA	Range Planting	Native species, 1 to 2 species (seedbed prep, seed, planting)	ac	137.00	AC
550	CTA	Range Planting	Herbicide - Light to medium Competition	ac	50.00	AC
552	CTA	Irrigation Regulating Reservoir	Irrigation Regulating Reservoir (installed, mobilization, earthwork)	cy	1.80	AC
552	CTA	Irrigation Regulating Reservoir	Earthfill Moisture Control	cy	1.62	AC
552	CTA	Irrigation Regulating Reservoir	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
552	CTA	Irrigation Regulating Reservoir	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
558	CTA	Roof Runoff Management	Gutters 6" X 6"	lf	5.20	AC
561	CTA	Heavy Use Area Protection	Heavy Use Area - all surface material types (installed, mobilization, earthwork, all materials)	sf	3.00	AC
561	CTA	Heavy Use Area Protection	Earthfill Moisture Control	cy	1.62	AC
561	CTA	Heavy Use Area Protection	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
561	CTA	Heavy Use Area Protection	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
575	CTA	Animal Trails and Walkways	Animal Trail or Walkway (installed, mobilization, earthfill)	cy	2.65	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit Type	2008 State Average Cost (\$)	Cost Type
575	CTA	Animal Trails and Walkways	Animal Trail or Walkway (installed, mobilization, earthfill)	lf	5.00	AC
575	CTA	Animal Trails and Walkways	Livestock Water Access Point - all surface material types (installed, mobilization, earthwork, all materials)	sf	3.00	AC
578	CTA	Stream Crossing	Concrete low water crossing (installed, mobilization, crossing surface, earthwork)	lf	93.00	AC
578	CTA	Stream Crossing	Earthfill Moisture Control	cy	1.62	AC
578	CTA	Stream Crossing	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
578	CTA	Stream Crossing	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
580	CTA	Streambank and Shoreline Protection	Shoreline Protection Vegetative Plantings (installed, mobilization, earthwork, plants)	lf	12.96	AC
580	CTA	Streambank and Shoreline Protection	Shoreline Protection Rock Riprap (installed, mobilization, earthwork, rock)	lf	68.00	AC
580	CTA	Streambank and Shoreline Protection	Shoreline Protection Combination of Riprap & Plantings (installed, mobilization, earthwork, materials)	lf	73.00	AC
587	CTA	Structure for Water Control	Concrete Slabs (Forming, Steel, Placement & Finish)	cy	194.00	AC
587	CTA	Structure for Water Control	Low Overfall End Sections - PVC for 18" to 27" diameter pipe (per inch of pipe diameter)	in	10.00	AC
587	CTA	Structure for Water Control	Low Overfall End Sections - PVC for 8" to 15" diameter pipe (per inch of pipe diameter)	in	5.00	AC
587	CTA	Structure for Water Control	Re-installation of a failed structure (Requires SO Approval, includes excavation, re-set structure, anti-buoyancy concrete, rebar, earthfill, mobilization)	cy	1.60	AC
587	CTA	Structure for Water Control	Riser - CMP - Fabrication Charge for CMP Riser (per inch of riser diameter) w/ concrete, rebar	in	13.60	AC
587	CTA	Structure for Water Control	Rock Riprap (Includes purchase, geotextile, hauling & place)	tn	79.00	AC
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide x 3' high x 18" barrel w/ concrete, rebar	ea	319.00	AC
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide x 3' high x 20" barrel w/ concrete, rebar	ea	337.00	AC
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide x 3' high x 22" barrel w/ concrete, rebar	ea	372.00	AC
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide x 3' high x 24" barrel w/ concrete, rebar	ea	391.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Cost per additional foot of 1/2 round riser height w/ additional concrete	ea	37.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Cost per additional foot of rectangular riser height w/ additional concrete	ea	135.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide x 4' deep x 3' high x 18" barrel w/ concrete, rebar	ea	569.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide x 4' deep x 3' high x 20" barrel w/ concrete, rebar	ea	575.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide x 4' deep x 3' high x 22" barrel w/ concrete, rebar	ea	584.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide x 4' deep x 3' high x 24" barrel w/ concrete, rebar	ea	591.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide x 4' deep x 3' high x 26" barrel w/ concrete, rebar	ea	597.00	AC
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide x 4' deep x 3' high x 30" barrel w/ concrete, rebar	ea	607.00	AC
587	CTA	Structure for Water Control	Smooth Steel Pipe - Fabrication charges to lengthen pipe or to attach header to barrel (per inch of pipe/barrel diameter)	in	9.40	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	33.60	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	41.60	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	43.70	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	58.00	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	82.30	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	98.10	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 49" to 66" diameter pipe, (installed, mobilization, materials)	ft	157.00	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum 67" to 72" diameter pipe, (installed, mobilization, materials)	ft	190.90	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit Type	2008 State Average Cost (\$)	Cost Type
587	CTA	Structure for Water Control	Straight Pipe, CMP - Aluminum up to 12" diameter pipe, (installed, mobilization, materials)	ft	37.50	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	36.00	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	50.60	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	70.00	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	89.60	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	100.70	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	111.70	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 49" to 66" diameter pipe, (installed, mobilization, materials)	ft	159.00	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP 67" to 72" diameter pipe, (installed, mobilization, materials)	ft	161.00	AC
587	CTA	Structure for Water Control	Straight Pipe, CMP up to 12" diameter pipe, (installed, mobilization, materials)	ft	40.00	AC
587	CTA	Structure for Water Control	Straight Pipe, Plastic 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	31.20	AC
587	CTA	Structure for Water Control	Straight Pipe, Plastic 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	49.70	AC
587	CTA	Structure for Water Control	Straight Pipe, Plastic 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	57.10	AC
587	CTA	Structure for Water Control	Straight Pipe, Plastic 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	53.50	AC
587	CTA	Structure for Water Control	Straight Pipe, Plastic 37" and larger diameter pipe, (installed, mobilization, materials)	ft	74.90	AC
587	CTA	Structure for Water Control	Straight Pipe, Plastic up to 12" diameter pipe, (installed, mobilization, materials)	ft	31.20	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	48.40	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	56.80	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	61.40	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	69.30	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	122.30	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	142.00	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel 49" and larger diameter pipe, (installed, mobilization, materials)	ft	142.00	AC
587	CTA	Structure for Water Control	Straight Pipe, Smooth Steel up to 12" diameter pipe, (installed, mobilization, materials)	ft	43.80	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 24"x12"x4' w/ concrete, rebar	ea	322.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 36"x15"x4' w/ concrete, rebar	ea	391.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 48"x18"x4' w/ concrete, rebar	ea	614.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 48"x21"x4' w/ concrete, rebar	ea	542.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 24" X 12" X 4' w/ concrete, rebar	ea	457.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 24" X 15" X 4' w/ concrete, rebar	ea	484.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 15" X 4' w/ concrete, rebar	ea	733.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 18" X 2' w/ concrete, rebar	ea	627.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 18" X 3' w/ concrete, rebar	ea	687.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 18" X 4' w/ concrete, rebar	ea	748.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 18" X 4' w/ concrete, rebar	ea	1014.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 21" X 2' w/ concrete, rebar	ea	898.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 21" X 3' w/ concrete, rebar	ea	974.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 21" X 4' w/ concrete, rebar	ea	1048.00	AC
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 24" X 4' w/ concrete, rebar	ea	1075.00	AC
587	CTA	Structure for Water Control	Earthfill Moisture Control	cy	1.62	AC
587	CTA	Structure for Water Control	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
587	CTA	Structure for Water Control	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
590	CTA	Nutrient Management	Precision Agriculture - with Yield Monitor	ac	36.00	FR
590	CTA	Nutrient Management	Precision Agriculture - without Yield Monitor	ac	21.00	FR
590	CTA	Nutrient Management	Introduced Species Establishment Fertilizer	ac	108.60	AC
590	CTA	Nutrient Management	Native Species Establishment Fertilizer	ac	43.20	AC
590	CTA	Nutrient Management	Introduced Species Establishment Lime	ac	72.00	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit_Type	2008 State Average Cost (\$)	Cost_Type
590	CTA	Nutrient Management	Critical Area-Pelletized Lime	tn	250.00	AC
590	CTA	Nutrient Management	Critical Area-Chicken Litter	tn	30.00	AC
595	CTA	Pest Management	Cogongrass-initial treatment-herbicide	ac	135.00	AC
595	CTA	Pest Management	Cogongrass-initial treatment-by commercial pesticide applicator	no	300.00	AC
595	CTA	Pest Management	Cogongrass-initial treatment-bushhogging/mowing	ac	20.00	AC
595	CTA	Pest Management	Cogongrass-follow up spot treatment	ac	100.00	AC
600	CTA	Terrace	Terrace (installed, mobilization, earthwork)	lf	1.40	AC
600	CTA	Terrace	Earthfill Moisture Control	cy	1.62	AC
600	CTA	Terrace	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
600	CTA	Terrace	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
601	CTA	Vegetative Barrier	Native species (seedbed prep, seed, planting)	lf	0.05	AC
601	CTA	Vegetative Barrier	Herbicide - Light/medium cover Competition	ac	50.00	AC
612	CTA	Tree/Shrub Establishment	Hardwood Bare Root Seedlings (Planting included)	ac	135.00	AC
612	CTA	Tree/Shrub Establishment	Hardwood Bare Root Seedlings (Riparian Forest Buffer ONLY) (Planting included)	ac	135.00	AC
612	CTA	Tree/Shrub Establishment	Pine Bare Root Seedlings (Planting included)	ac	105.00	AC
612	CTA	Tree/Shrub Establishment	Pine Bare Root Seedlings (Longleaf Pine ONLY) (Planting included)	ac	105.00	AC
612	CTA	Tree/Shrub Establishment	Pine Containerized (Root Plugs) Seedlings (Planting Cost included)	ac	147.00	AC
612	CTA	Tree/Shrub Establishment	Pine Containerized (Root Plugs) Seedlings (Longleaf Pine ONLY) (Planting Cost included)	ac	147.00	AC
612	CTA	Tree/Shrub Establishment	Hardwood Containerized (Potted) Seedlings (Planting cost Included)	ac	335.00	AC
612	CTA	Tree/Shrub Establishment	Pine/Hardwood Seedling Mixture (Planting cost included)	ac	130.00	AC
612	CTA	Tree/Shrub Establishment	Pine/Hardwood Seedling Mixture (Riparian Forest Buffer ONLY) (Planting cost included)	ac	130.00	AC
614	CTA	Watering Facility	Permanent Water Trough 50 to 100 Gal (installed, materials)	ea	150.00	AC
614	CTA	Watering Facility	Permanent Water Trough 101 to 560 Gal (installed, materials)	ea	270.00	AC
614	CTA	Watering Facility	Permanent Water Trough 561 to 720 Gal (installed, materials)	ea	406.00	AC
614	CTA	Watering Facility	Permanent Water Trough larger than 720 Gal (installed, materials)	ea	450.00	AC
620	CTA	Underground Outlet	Underground Outlet (installed, mobilization, earthwork, materials)	lf	8.10	AC
633	CTA	Waste Utilization	Waste Utilization within the 8-digit HUC from where the waste is produced	ac	10.00	FR
633	CTA	Waste Utilization	Waste Utilization outside the 8-digit HUC from where the waste is produced	ac	20.00	FR
638	CTA	Water and Sediment Control Basin	Water and Sediment Control Basin (installed, mobilization, earthwork, outlet structure)	cy	2.40	AC
638	CTA	Water and Sediment Control Basin	Earthfill Moisture Control	cy	1.62	AC
638	CTA	Water and Sediment Control Basin	Earthfill Soil Modification-quicklime material & freight	tn	130.00	AC
638	CTA	Water and Sediment Control Basin	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	6.50	AC
642	CTA	Water Well	Well & Pump	ea	3380.00	AC
642	CTA	Water Well	Artesian Water Well	ft	6.24	AC
642	CTA	Water Well	Irrigation Well Rehabilitation (per inch of well column diameter)	in	1400.00	AC
642	CTA	Water Well	Irr. Well Replacement, PVC Casing, Up to 130' deep (per inch of well column diameter)	in	\$462.50	AC
642	CTA	Water Well	Irr. Well Replacement, PVC Casing, 131 to 243' deep (per inch of well column diameter)	in	\$744.63	AC
642	CTA	Water Well	Irr. Well Replacement, PVC Casing, Greater than 243' deep (per inch of well column diameter)	in	\$1,387.50	AC
642	CTA	Water Well	Irr. Well Replacement, Steel Casing, Up to 130' deep (per inch of well column diameter)	in	\$1,200.00	AC
642	CTA	Water Well	Irr. Well Replacement, Steel Casing, 131 to 243' deep (per inch of well column diameter)	in	\$1,920.00	AC
642	CTA	Water Well	Irr. Well Replacement, Steel Casing, Greater than 243' deep (per inch of well column diameter)	in	\$3,540.00	AC
646	CTA	Shallow Water Management For Wildlife	Shallow Water Management For Wildlife	ac	5.00	FR
646	CTA	Shallow Water Management For Wildlife	(Shallow Water Area-Early Flooding) Shallow Water Management For Wildlife	ac in	2.50	AC
647	CTA	Early Successional Habitat Management	Early Successional Habitat Management (Bushhogging)	ac	20.00	AC
647	CTA	Early Successional Habitat Management	Early Successional Habitat Management (Chemical Application)	ac	45.00	AC
647	CTA	Early Successional Habitat Management	Early Successional Habitat Management (Disking)	ac	20.00	AC
655	CTA	Forest Harvest Trails & Landings	Broad Based Dip (installed, mobilization, earthwork)	ea	130.00	AC
655	CTA	Forest Harvest Trails & Landings	Rolling Dip (installed, mobilization, earthwork)	ea	105.00	AC
655	CTA	Forest Harvest Trails & Landings	Waterbar (installed, mobilization, earthwork)	ea	75.00	AC
655	CTA	Forest Harvest Trails & Landings	Wing Ditch (installed, mobilization, earthwork)	ea	78.00	AC

2008 State Average Cost

Practice Code	FA Program	Practice Name	Component	Unit Type	2008 State Average Cost (\$)	Cost Type
666	CTA	Forest Stand Improvement	Post Plant Weed Suppression Light Competition	ac	47.00	AC
666	CTA	Forest Stand Improvement	Post Plant Weed Suppression Light Competition (Longleaf Pine ONLY)	ac	47.00	AC
666	CTA	Forest Stand Improvement	Post Plant Weed Suppression Medium Competition	ac	72.00	AC
666	CTA	Forest Stand Improvement	Post Plant Weed Suppression Medium Competition (Longleaf Pine ONLY)	ac	72.00	AC
666	CTA	Forest Stand Improvement	Heavy Competition in sapling and maturing timber stands	ac	115.00	AC
666	CTA	Forest Stand Improvement	Heavy Competition in sapling and maturing timber stands (Longleaf Pine ONLY)	ac	115.00	AC
666	CTA	Forest Stand Improvement	Precommercial thinning	ac	140.00	AC
717	CTA	Livestock Shade Structure	Livestock Portable Shade Structure	sf	4.60	AC
910	CTA	TA PLANNING	TA PLANNING	no		AM
911	CTA	TA DESIGN	TA DESIGN	no		AM
912	CTA	TA APPLICATION	TA APPLICATION	no		AM
913	CTA	TA CHECK-OUT	TA CHECK-OUT	no		AM