

**Federal Emergency Management Agency  
Cost Code Listing (Previously G.2)**

<b>Code</b>	<b>UOM</b>	<b>Description</b>	<b>Unit Price</b>	<b>Update Date</b>	<b>Entry Date</b>
0000	LS	***** create line	\$ 0.00	03/17/2010	03/17/2010
0852	LS	STATE MANAGEMENT COSTS State Management Costs	\$ 0.00	03/17/2010	03/17/2010
0909	LS	MITIGATION Mitigation	\$ 0.00	03/17/2010	03/17/2010
1001	TON	DEBRIS (SEDIMENTS, CONCENTRATED) Debris, sediments, concentrated	\$ 0.00	03/17/2010	03/17/2010
1002	TON	DEBRIS, (SEDIMENTS, SCATTERED) Debris, (sediments, scattered)	\$ 0.00	03/17/2010	03/17/2010
1003	TON	DEBRIS (PERSONAL PROPERTY CURB) Should not be limited to private residences. Labor and equipment required to remove damaged personal property. Property such as furniture or appliances, from curb side of private residences. Does not include dump charges	\$ 0.00	03/17/2010	03/17/2010
1004	TON	DEBRIS (TREES & LIMBS, CONCENTRATED) Broken trees and limbs that have been picked up and brought to an assembly area. May also include localized heavy tree damage in a park or other location.	\$ 0.00	03/17/2010	03/17/2010
1005	TON	DEBRIS (TREES & LIMBS, SCATTERED) Debris, (trees & limbs, scattered)	\$ 0.00	03/17/2010	03/17/2010
1010	CY	DEBRIS, (SEDIMENTS, CONCENTRATED) Removal of concentrated sediment	\$ 3.00	03/17/2010	03/17/2010
1011	CY	DEBRIS, (SEDIMENTS, SCATTERED) Removal of scattered sediments	\$ 4.00	03/17/2010	03/17/2010
1012	CY	DEBRIS (PERSONAL PROPERTY CURB) Should not be limited to private residences. Labor and equipment required to remove damaged personal property, such as furniture or appliances, from curb side of private residences. Does not include dump charges.	\$ 3.50	03/17/2010	03/17/2010
1015	CY	DEBRIS (TREES & LIMBS, SCATTERED) Broken trees and limbs scattered around affected area.	\$ 6.00	03/17/2010	03/17/2010
1016	MI	DEBRIS (WINDBLOWN TREES ALONG ROW-MAXIMUM DENSITY) In a major disaster there may be extensive debris from trees and limbs over several miles of roads or streets.	\$ 5,000.00	03/17/2010	03/17/2010
1017	CY	DEBRIS LOADED AND HAULED TO TDRS Debris loaded and hauled to TDRS (Temporary Debris Reduction Site)	\$ 11.25	03/17/2010	03/17/2010
1020	CY	DEBRIS (WATERWAY STRUCTURE) Debris that has been deposited by floodwater on levees, dams, settling basins, etc. May consist of silt, vegetation, wreckage, etc., causing flow problems.	\$ 8.00	03/17/2010	03/17/2010
1021	CY	DEBRIS (CRADLE TO GRAVE REMOVAL) Applicant contracts for "cradle to grave", removal of debris from Right-of-Way, chipping and disposal. (Does not include tipping fees)	\$ 20.00	03/17/2010	03/17/2010
1022	CY	DEBRIS FROM RIGHT-OF-WAY AND CHIPS Applicant or Contractor removes debris from Right-of-Way and chips into open areas on site (no removal of chips).	\$ 11.25	03/17/2010	03/17/2010
1030	CY	DEBRIS TREES (BROKEN UPROOTED 8 -18" DIAMETER) Trees, broken, uprooted 8-18" Dia.	\$ 75.00	03/17/2010	03/17/2010
1031	CY	DEBRIS TREES (BROKEN UPROOTED 19-36" DIAMETER) Trees, broken uprooted 19-36" Diameter.	\$ 150.00	03/17/2010	03/17/2010
1033	EA	DEBRIS (REMOVAL OF HANGERS FROM RIGHT-OF-WAY) Removal of hangers from right-of-way. (Cost is for per tree)	\$ 72.00	03/17/2010	03/17/2010
1034	EA	HAZARDOUS TREE REMOVAL: 6" TO 11.99" Debris, hazardous tree removal, CROWN must be damage more than 50%.	\$ 165.00	03/17/2010	03/17/2010
1035		HAZARDOUS TREE REMOVAL, 12" TO 23.99" Debris, hazardous tree removal, CROWN must be damage more than 50%.	\$ 475.00	03/17/2010	03/17/2010
1036		HAZARDOUS TREE REMOVAL: 24" TO 35.99" Debris, hazardous tree removal. CROWN must be damage more than 50%	\$ 800.00	03/17/2010	03/17/2010

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1037		HAZARDOUS TREE REMOVAL: 36" TO 47.99" Debris, hazardous tree removal. CROWN must be damage more than 50%	\$ 1,000.00	03/17/2010	03/17/2010
1038		HAZARDOUS TREE REMOVAL: 48" TO 55.99" Debris, hazardous tree removal. CROWN must be damage more than 50%	\$ 2,100.00	03/17/2010	03/17/2010
1039		HAZARDOUS TREE REMOVAL: 56" AND GREATER Debris, hazardous tree removal. CROWN must be damage more than 50%	\$ 2,600.00	03/17/2010	03/17/2010
1040		DEBRIS STUMPS ONLY (UPROOTED 8-18" DIAMETER) Removal of stumps from uprooted trees. To be used only when stumps interfere with ground use. Not to be used in forested area.	\$ 23.00	03/17/2010	03/17/2010
1041		DEBRIS STUMPS ONLY (UPROOTED 19-36" DIAMETER) Removal of stumps from uprooted trees. To be used only when stumps interfere with ground use. Not to be used in forested area.	\$ 28.00	03/17/2010	03/17/2010
1044		HAZARDOUS TREE 13"-18" Hazardous tree 13'-18"	\$ 200.00	03/17/2010	03/17/2010
1050		DUMP CHARGES (BURN - BURY) Normally the least expensive way to dispose	\$ 1.00	03/17/2010	03/17/2010
1051		DUMP CHARGES (LANDFILL DISPOSAL) Fees charged for debris disposal in recognized landfills. Check for variations in cost.	\$ 1.75	03/17/2010	03/17/2010
1052		DUMP CHARGES (LANDFILL DISPOSAL) Same as Code 1051 except measured in TON.	\$ 4.00	03/17/2010	03/17/2010
1060		DEBRIS CONTAINERS (W/O DUMP CHARGES) 2 CY PER PICKUP Debris Containers (w/o dump charges) 2 cy per pickup	\$ 5.00	03/17/2010	03/17/2010
1061		DEBRIS CONTAINERS (W/O DUMP CHARGES) 3 CY PER PICKUP Debris Containers (w/o dump charges) 3 cy per pickup.	\$ 7.50	03/17/2010	03/17/2010
1062		DEBRIS CONTAINERS (W/O DUMP CHARGES) 4 CY PER PICKUP Debris Containers (w/o dump charges) 4 cy per pickup	\$ 10.00	03/17/2010	03/17/2010
1063		DEBRIS CONTAINERS (W/O DUMP CHARGES) 8 CY PER PICKUP Debris containers (w/o dump charges) 8 cy per pickup	\$ 20.00	03/17/2010	03/17/2010
1064		DEBRIS CONTAINERS (W/O DUMP CHARGES) 20 CY PER PICKUP Debris containers (w/o dump charges) 29 cy per pickup.	\$ 155.00	03/17/2010	03/17/2010
1065		DEBRIS CONTAINERS (W/O DUMP CHARGES) 30 CY PER PICKUP Debris containers (w/o dump charges) 30 cy per pickup.	\$ 165.00	03/17/2010	03/17/2010
1066		DEBRIS CONTAINERS (W/O DUMP CHARGES) 40 CY PER PICKUP Debris containers (w/o dump charges) 40 cy per pickup	\$ 175.00	03/17/2010	03/17/2010
1067		DEBRIS CONTAINERS (W/O DUMP CHARGES) 50 CY PER PICKUP Debris containers (w/o dump charges) 50 cy per pickup.	\$ 175.00	03/17/2010	03/17/2010
1070		DEBRIS (SANDBAGS - MACHINE LOAD) Removal of sandbags when no longer needed. May be removed by front-end loader or other suitable machine.	\$ 3.40	03/17/2010	03/17/2010
1071		DEBRIS (SANDBAGS - HAND LOAD) Same as Code 1070 except sandbags are loaded on trucks by hand labor.	\$ 4.50	03/17/2010	03/17/2010
1080		DEBRIS (FLOATABLE ON LEVEE) Primarily vegetation including trees. This is a general debris code for levees by the mile. If debris is concentrated, use other more appropriate codes	\$ 400.00	03/17/2010	03/17/2010
1090		DEBRIS (EARTH FILL - LEVEE) Removal of earth fill placed temporarily on top of a levee to prevent flooding.	\$ 2.50	03/17/2010	03/17/2010
1100		DEBRIS (SMALL ROAD SLIDE) Usually consists of dirt and rock washed onto road by heavy rains.	\$ 4.00	03/17/2010	03/17/2010
1110		DEBRIS (CHANNEL EXC. WITH SPOIL BANK) Removal of debris from a drainage channel, usually siltation but may involve material sloughed off from the banks. Disposed of by spoil bank.	\$ 1.25	03/17/2010	03/17/2010
1111		DEBRIS (CHANNEL EXC AND HAUL) Same as Code 1110, except debris must be hauled away instead of disposed of by spoil bank.	\$ 5.00	03/17/2010	03/17/2010

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1112		DEDUCT APPLICANT'S SHARE (SPOIL BANK) Applicant should conduct normal maintenance of channels. This amount should be deducted from total amount charged to the disaster.	\$ 0.00	03/17/2010	03/17/2010
1113		DEDUCT APPLICANT'S SHARE (HAUL) Same as Code 1112 except debris is hauled to a dump	\$ 0.00	03/17/2010	03/17/2010
1120		DEMOLITION (RESIDENTIAL STRUCTURE) Used for houses, duplexes, apartments, housing projects, mobile homes, etc. Determine cubic feet volume of living space.	\$ 0.15	03/17/2010	03/17/2010
1121		DEMOLITION (COMMERCIAL STRUCTURE) Use for office buildings, shopping malls, filling stations, club houses, motels, airport buildings, etc. Same volume determination as Code 1120.	\$ 0.17	03/17/2010	03/17/2010
2010		POLICE OVERTIME Police Overtime	\$ 0.00	03/17/2010	03/17/2010
2011		FIRE OVERTIME Fire Overtime	\$ 0.00	03/17/2010	03/17/2010
2012		TEMPORARY EMPLOYEES Temporary Employees	\$ 0.03	03/17/2010	03/17/2010
2020		POLYETHYLENE Plastic sheeting applied to windows, doors and many other places to protect from water damage.	\$ 0.03	03/17/2010	03/17/2010
2025		PLYWOOD SHEETING Usually 1/2" thick plywood used to cover windows and doors for protection against wind and driving rain.	\$ 0.65	03/17/2010	03/17/2010
2030		SANDBAGS (PURCHASED) These are plastic or burlap bags purchased to be filled with sand and used to protect from rising water.	\$ 0.27	03/17/2010	03/17/2010
2040		SAND (DELIVERED) Sand purchased for filling sand bags. Delivered to a central point for use.	\$ 7.00	03/17/2010	03/17/2010
2045		SANDBAGS FILLED & PLACED Covers cost of filled sandbags, delivered and put in place to protect from rising water. Compute in cubic yards.	\$ 20.00	03/17/2010	03/17/2010
2050		LEVEE EMERGENCY REPAIR (FILL) During heavy rains and rapid water flow, levees may become saturated and slough off large amounts of embankment. These require emergency action to restore the levee to height.	\$ 4.00	03/17/2010	03/17/2010
2060		LEVEE EARTHEN Temporary levee for protection from rising waters.	\$ 6.00	03/17/2010	03/17/2010
2070		TOWING - VEHICLES Pulling disabled vehicles from dangerous locations to safety. Does not include winching, but does involve tow rope. Two drivers allowed.	\$ 25.00	03/17/2010	03/17/2010
2080		TOWING AND WINCHING WRECKER TRUCK Same as Code 2070 except tow truck with winch. Only tow truck driver required.	\$ 23.50	03/17/2010	03/17/2010
2090		PUMPS (3") Pump with 3" diameter discharge complete with 12 HP gasoline engine. (See also Code 8322) Includes fuel. Does not include operator/tender.	\$ 2.50	03/17/2010	03/17/2010
2091	HR	PUMPS (4") Pump with 4" diameter discharge complete with 18 HP gasoline engine (also see Code 8323)	\$ 5.60	03/17/2010	03/17/2010
2092	HR	PUMPS (6") Pump with 6" diameter discharge complete with 30 HP gasoline engine (also see Code 8324)	\$ 8.00	03/17/2010	03/17/2010
2093	HR	PUMPS (8") Pumps with 8" diameter discharge complete with 50 HP gasoline engine (also see Code 8325)	\$ 9.25	03/17/2010	03/17/2010
2094	HR	PUMPS (10") Pump with 10" diameter discharge complete with 70 HP gasoline engine.	\$ 14.50	03/17/2010	03/17/2010
2095	HR	PUMPS (12") Pumps with 12" diameter discharge complete with 100 HP gasoline engine.	\$ 14.50	03/17/2010	03/17/2010

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2110	LS	PUMP COSTS FOR EMERGENCY PHASE Lump sum cost for gasoline, diesel fuel, electricity, and repairs during the period of incidence and until end of emergency phase.	\$ 0.00	03/17/2010	03/17/2010
2112	HR	PUMP OPERATORS Regular time plus fringe benefits for operators during emergency period.	\$ 0.00	03/17/2010	03/17/2010
2113	HR	PUMP OPERATORS (AVG. OVERTIME) Overtime plus fringe benefits for pump operators during emergency period.	\$ 0.00	03/17/2010	03/17/2010
3009	CY	AGGREGATE SURFACE COURSE (SCREENED) Same as Code 3010 except screened material	\$ 23.20	03/17/2010	03/17/2010
3010	TON	AGGREGATE SURFACE COURSE A select clay, gravel or similar material used on the top 3 inches of surface on an unpaved roadway, in place cost, including hauling, dumping and grading. Allows 5 mile one-way haul.	\$ 6.50	03/17/2010	03/17/2010
3011	CY	AGGREGATE SURFACE COURSE (CRUSHED) Same as Code 3010 except measured by the cubic yard.	\$ 27.20	03/17/2010	03/17/2010
3012	TON	AGGREGATE SURFACE (RED DOG) A select crushed stone or similar material used on top 3" of surface of an unpaved roadway, in place including hauling, dumping and grading.	\$ 7.50	03/17/2010	03/17/2010
3013	MI	AGGREGATE SURFACE Same as Code 3012 except measured by the mile.	\$ 1,000.00	03/17/2010	03/17/2010
3014	CY	SHELL SURFACE COURSE (1650 LBS/CY) Ground of crushed marine shell material in place on roadway including hauling, dumping, and grading.	\$ 20.00	03/17/2010	03/17/2010
3020	CY	FILL (UNCLASSIFIED) Any fill material with no select qualities other than being compactable, in place including hauling, dumping and spreading. Allows 5 mile one-way haul.	\$ 17.80	03/17/2010	03/17/2010
3021	CY	PIT RUN GRAVEL Pit run gravel, in place, including hauling, dumping and spreading.	\$ 19.26	03/17/2010	03/17/2010
3030	CY	LOCAL BORROW (MATERIAL ONLY) Any borrow material that is suitable and within close proximity to worksite (less than 2 miles) (in place)	\$ 8.00	03/17/2010	03/17/2010
3040	CY	BACKFILL (GRANULAR) A sand or wash gravel type material used in select areas such as french drains, in place, including hauling, dumping and placing. Do not add extra yard-mile expense.	\$ 28.18	03/17/2010	03/17/2010
3040	CY	BACKFILL (GRANULAR) A sand or wash gravel type material used in select areas such as french drains, in place, including hauling, dumping and placing. Do not add extra yard-mile expense.	\$ 28.18	03/17/2010	03/17/2010
3050	CY	EXCAVATION & BACKFILL (SMALL UNCLASSIFIED) The equipment and labor necessary for excavating material such as around manholes, pipes, small structures, etc. and backfilling with same material.	\$ 28.78	03/17/2010	03/17/2010
3051	CY	ROCKFILL (ALT. TO UNCLASSIFIED FILL) Locally available material used as unclassified fill in areas where fill is not readily available, in place. Allows 5 mile one-way haul.	\$ 26.85	03/17/2010	03/17/2010
3060	SY	GRADING (SUBGRADE SHAPING) Equipment and labor necessary for grading and shaping roadbed. Generally refers to new construction; may require bluetops. Value of \$0.02/sy based on one grader and operator shaping one mile in 7 hours. (grader @\$55.00/hr; operator @\$20.00/hr.	\$ 1.15	03/17/2010	03/17/2010
3061	SY	SCARIFYING The process of preparing a road surface by roughing the surface with a machine with tines that penetrates the soil.	\$ 1.25	03/17/2010	03/17/2010

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3070	LF	DITCH CLEANING & SHAPING Equipment and labor necessary for cleaning roadside ditches using gradall/excavator and dump truck operation (per linear foot of ditch)	\$ 3.25	03/17/2010	03/17/2010
3071	MI	Ditch Grading/Pulling (Both Sides)	\$320.00		
3072	SY	Grading/Shaping Unpaved Roads	\$0.10		
3080	SY	CHIP AND SEAL (SINGLE) A bituminous surface treatment consisting of a layer of asphaltic binder and a layer of aggregate such as pea gravel or crushed stone.	\$ 1.00	03/17/2010	03/17/2010
3081	SY	CHIP AND SEAL (DOUBLE) Same as Code 3080 except 2 layers of binder and 2 layers of aggregate, in place.	\$ 1.50	03/17/2010	03/17/2010
3082	SY	CHIP AND SEAL (TRIPLE) Same as Code 3080 except 3 layers of binder and 3 layers of aggregate, in place. Seldom used.	\$ 2.00	03/17/2010	03/17/2010
3090	TON	AGGREGATE BASE COURSE (UNDER BITUMINOUS SURFACE) Uses pit run aggregate as base.	\$ 9.75	03/17/2010	03/17/2010
3091	CY	AGGREGATE BASE COURSE (UNDER BITUMINOUS SURFACE) Same as Code 3090 except measured in cubic yards.	\$ 24.92	03/17/2010	03/17/2010
3100	SY/IN	BITUMINOUS COLD PATCH A material consisting of sand, aggregate, and a bituminous binder used for patching small areas (2000 Sq.Ft or less) of paved roadway surface, in place, including hauling, dumping and compacting. Sometimes used in large areas because of lack of hot mix supply. Do not add extra ton-mile expense.	\$ 5.30	03/17/2010	03/17/2010
3101	TON	BITUMINOUS COLD PATCH (MATERIAL ONLY) Material only, add labor and equipment costs.	\$ 80.00	03/17/2010	03/17/2010
3110	SY/IN	BITUMINOUS CONCRETE OVERLAY Normally done with hot mix over either concrete or bituminous paved road.	\$ 3.75	03/17/2010	03/17/2010
3120	TON	BITUMINOUS CONCRETE BINDER COURSE (MATERIAL ONLY) - (IN First layer of asphaltic concrete pavement with up to 1" aggregate.	\$ 86.00	03/17/2010	03/17/2010
3130	TON	BITUMINOUS CONCRETE SURFACE COURSE (MATERIAL ONLY) Second layer of asphaltic concrete pavement with .5" aggregate or smaller.	\$ 86.00	03/17/2010	03/17/2010
3132	TON	BITUMINOUS CONCRETE PAVEMENT, HAND PLACED Bituminous concrete pavement, hand placed	\$ 133.00	03/17/2010	03/17/2010
3133	SY/IN	BITUMINOUS CONCRETE PAVEMENT (HAND PLACED) Same as Code 3132 except measured in SY/IN	\$ 7.00	03/17/2010	03/17/2010
3150	SY	PAVEMENT REMOVAL Breaking FC concrete and haul to dump (10 miles R/T)	\$ 9.12	03/17/2010	03/17/2010
3160	SF	CONCRETE SIDEWALK (4") Placement of 4" thick sidewalk including forming, finishing, joint material and wire mesh.	\$ 8.25	03/17/2010	03/17/2010
3170	SF	CONCRETE SIDEWALK REMOVAL Break-up and haul sidewalk to dump (10 mile R/T)	\$ 0.60	03/17/2010	03/17/2010
3180	LF	CONCRETE CURB AND GUTTER Placement of curbing and gutter including forming, finishing and joint material.	\$ 10.00	03/17/2010	03/17/2010
3190	LF	CONCRETE CURB AND GUTTER REMOVAL Break-up and haul curb and gutter to dump (10 mile R/T)	\$ 3.20	03/17/2010	03/17/2010
3200	CY	CONCRETE PAVEMENT (MESH REINFORCEMENT) 6" thick concrete pavement with welded wire fabric reinforcement. In-place cost.	\$ 150.00	03/17/2010	03/17/2010

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3210	CY	CONCRETE CLASS X (INPLACE FORMED) Any class of low strength concrete used for non-structure purposes. Includes building forms and removing them.	\$ 350.00	03/17/2010	03/17/2010
3215	CY	CONCRETE CLASS A (STRUCTURAL) A high strength (3500 PSI or over) concrete used in structures such as culverts, headwalls, wingwalls, etc. Includes building forms and removing them.	\$ 607.50	03/17/2010	03/17/2010
3220	SF	CONCRETE RETAINING WALLS (12") A wall that usually runs parallel to a road. Used to hold back earth where right-of-way does not permit a gradual slope. Includes reinforcing bars. Use square foot of surface.	\$ 20.00	03/17/2010	03/17/2010
3230	SF	CONCRETE BOX CULVERTS Measured by the surface area of the deck or top. seldom over 10 ft. from deck to base. (Does not include road base material.)	\$ 139.00	03/17/2010	03/17/2010
3240	SF	CONCRETE SLAB BRIDGE (INTEGRAL ABUTMENT) A bridge where the abutments are poured as a part of the bridge deck. Measured by the surface area of the deck.	\$ 330.00	03/17/2010	03/17/2010
3241	SF	CONCRETE SLAB BRIDGE (VERTICAL ABUTMENT) Same as Code 3240 except abutments are independent from the bridge deck.	\$ 552.00	03/17/2010	03/17/2010
3242	SF	BRIDGE CONCRETE PRECAST (CHANNEL UNDER 40') Precast concrete bridge deck where the stream channel is under 40 feet in length. Includes substructure but not approaches.	\$ 435.00	03/17/2010	03/17/2010
3243	SF	BRIDGE CONCRETE PRECAST (CHANNEL OVER 40') Same as Code 3242 except stream channel is wider than 40 feet.	\$ 392.00	03/17/2010	03/17/2010
3244	SF	BRIDGE BEAM (WITH EXISTING ABUTMENT) Concrete bridge deck and beams in place on existing abutments.	\$ 304.55	03/17/2010	03/17/2010
3250	CY	SLOPE PROTECTION RIP RAP Riprap that is hand placed for a more uniform thickness (in place) See Code 4081	\$ 65.86	03/17/2010	03/17/2010
3251	SY	SLOPE PROTECTION RIP RAP (DUMPED) Same as Code 3250 except not hand placed for uniform thickness (in place) See Code 4070	\$ 16.00	03/17/2010	03/17/2010
3252	SY	RIP RAP BAGGED A sand or sand and cement mixture placed in bags and arranged on slope (in place)	\$ 48.00	03/17/2010	03/17/2010
3253	CY	STONE DITCH PROTECTION Fractured stone between 6"-12" in diameter.	\$ 56.88	03/17/2010	03/17/2010
3260	SY	SLOPE PROTECTION CONCRETE Usually approximately 4" thick concrete slope protection around bridge abutments (in place finished)	\$ 50.00	03/17/2010	03/17/2010
3261	SF	ROCK WALL Vertical retaining wall made up of local rock and mortar. Use local price per square foot or by cost code #9999 for lump sum.	\$ 0.00	03/17/2010	03/17/2010
3270	SF	BRIDGE AND BOX CULVERT REMOVAL (10 MI R/T HAUL) Break-up, load and haul to dump for disposal (10 mi. R/T) measured by surface area of deck.	\$ 15.00	03/17/2010	03/17/2010
3271		CONCRETE AND MASONRY REMOVAL (10 MI R/T HAUL) Break up and haul to dump for disposal (10 mile R/T)	\$ 140.00	03/17/2010	03/17/2010
3280		BRIDGE WOOD AND BEAM REMOVAL Dismantle, load and haul to dump (10 mile R/T) (minus salvage) measured by surface area of deck.	\$ 2.50	03/17/2010	03/17/2010

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3290		TREATED TIMBER (FOB) Delivered to job site. Do not forget to divide by 1,000.	\$ 945.00	03/17/2010	03/17/2010
3291		TREATED TIMBER (IN PLACE) Used in headwalls, retaining walls, wingwalls, etc.	\$ 1,800.00	03/17/2010	03/17/2010
3292		BRIDGE TREATED TIMBER IN PLACE Measured by surface area of deck.	\$ 28.00	03/17/2010	03/17/2010
3293		BRIDGE RAILING (APPROACH) Usually a metal guard rail type placement cost by linear foot of railing.	\$ 18.00	03/17/2010	03/17/2010
3294		BRIDGE RAILING (BRIDGE ITSELF) Cost by linear foot of railing.	\$ 45.00	03/17/2010	03/17/2010
3300		EXCAVATION STRUCTURAL Excavation done to close tolerances for placement of structures, could include some hand excavation. No haul.	\$ 28.80	03/17/2010	03/17/2010
3310		BACKFILL STRUCTURAL Backfill around structures such as behind wingwalls, headwalls, etc. includes placement and compaction only.	\$ 31.00	03/17/2010	03/17/2010
3320		BEDDING MATERIAL (SELECT GRANULAR) A sand or aggregate material used beneath structures such as concrete slab, culvert, etc.	\$ 31.00	03/17/2010	03/17/2010
3330		PILING (TREATED LUMBER) FURN. & DRIVEN For use on bridge, retaining walls, etc.	\$ 21.80	03/17/2010	03/17/2010
3331		PILING (STEEL SHEET) FURN. & DRIVEN For use on coffer dams, retention dike, shoring, etc. Cost per linear foot for 14" width sheets.	\$ 19.80	03/17/2010	03/17/2010
3332		PILING (H-BEAM) FURN. & DRIVEN In place cost	\$ 21.50	03/17/2010	03/17/2010
3340		CULVERT RELAY (SALVAGE 12" - 48") Pull our salvageable culvert, replace bedding and reinstall culvert, including backfill and compaction (in place)	\$ 31.10	03/17/2010	03/17/2010
3341		12" HDPE SL CULVERT (FURNISH AND INSTALL) 12" High density polyethylene smooth lined culvert.	\$ 37.88	03/17/2010	03/17/2010
3342		15" HDPE SL CULVERT (FURNISH AND INSTALL) 15" diameter high density polyethylene smooth lined culvert.	\$ 38.26	03/17/2010	03/17/2010
3343		18" HDPE SL CULVERT (FURNISH AND INSTALL) 18" diameter high density polyethylene smooth lined culvert.	\$ 43.15	03/17/2010	03/17/2010
3344		24" HDPE SL CULVERT (FURNISH AND INSTALL) 24" diameter high density polyethylene smooth lined culvert.	\$ 60.00	03/17/2010	03/17/2010
3345		30" HDPE SL CULVERT (FURNISH AND INSTALL) 30" diameter high density polyethylene smooth lined culvert.	\$ 64.95	03/17/2010	03/17/2010
3346		36" HDPE SL CULVERT (FURNISH AND INSTALL) 36" diameter high density polyethylene smooth lined culvert.	\$ 79.19	03/17/2010	03/17/2010
3347		42" HDPE SL CULVERT (FURNISH AND INSTALL) 42" diameter high density polyethylene smooth lined culvert..	\$ 119.58	03/17/2010	03/17/2010
3348		48" HDPE SL CULVERT (FURNISH AND INSTALL) 48" diameter high density polyethylene smooth lined culvert..	\$ 193.86	03/17/2010	03/17/2010
3349		60" HDPE SL CULVERT (FURNISH AND INSTALL) 60" diameter high density polyethylene smooth lined culvert..	\$ 266.67	03/17/2010	03/17/2010
3350		8" CMP (FURNISH AND INSTALL) This is a corrugated metal pipe with asphalt coating. Installation includes pipe, bedding and backfill for culverts of normal depth (max. 5ft.) from top of culvert to roadway. This does not include paved surface replacement.	\$ 13.00	03/17/2010	03/17/2010
3351	LF	12" CMP (FURNISH AND INSTALL) Same as Code 3350 except 12" diameter.		03/17/2010	03/17/2010

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3352	LF	15" CMP (FURNISH AND INSTALL) Same as Code 3350 except 15" diameter.		03/17/2010	03/17/2010
3353	LF	18" CMP (FURNISH AND INSTALL) Same as Code 3350 except 18" diameter.		03/17/2010	03/17/2010
3354	LF	24" CMP (FURNISH AND INSTALL) Same as Code 3350 except 24" diameter.		03/17/2010	03/17/2010
3355	LF	30" CMP (FURNISH AND INSTALL) Same as Code 3350 except 30" diameter.		03/17/2010	03/17/2010
3356	LF	CMP 36" (FURNISH AND INSTALL) Same as Code 3350 except 36" diameter		03/17/2010	03/17/2010
3357	LF	42" CMP (FURNISH AND INSTALL) Same as Code 3350 except 42" diameter.		03/17/2010	03/17/2010
3358	LF	48" CMP (FURNISH AND INSTALL) Same as Code 3350 except 48" diameter/		03/17/2010	03/17/2010
3359	LF	54" CMP (FURNISH AND INSTALL) Same as Code 3350 except 54" diameter.		03/17/2010	03/17/2010
3360	LF	60" CMP (FURNISH AND INSTALL) Same as Code 3350 except 60" diameter.		03/17/2010	03/17/2010
3360	LF	60" CMP (FURNISH AND INSTALL) Same as Code 3350 except 60" diameter.		03/17/2010	03/17/2010
3361	LF	72" CMP (FURNISH AND INSTALL) Same as Code 3350 except 72" diameter		03/17/2010	03/17/2010
3362	LF	96" CMP (FURNISH AND INSTALL) Same as Code 3350 except 96" diameter.		03/17/2010	03/17/2010
3363	LF	108" CMP (FURNISH AND INSTALL) Same as Code 3350 except 108" diameter		03/17/2010	03/17/2010
3364	LF	120" CMP (FURNISH AND INSTALL) Same as Code 3350 except 120" diameter		03/17/2010	03/17/2010
3365	LF	CORRUGATED STRUCTURE PLATE PIPE ARCH (96") A heavy gauge corrugated culvert made up of multiple plates that can be bolted together in the field, usually larger than 96" in diameter.		03/17/2010	03/17/2010
3366	LF	RCP 12" (FURNISH AND INSTALL) This is a reinforced concrete pipe section with bell joints. Installation includes pipe, bedding, joint sealer and backfill to a normal depth of approximately 5ft from top of culvert to roadway. This does not include paved surface replacement.		03/17/2010	03/17/2010
3367	LF	RCP 18" (FURNISH AND INSTALL) Same as Code 3366 except 18" diameter		03/17/2010	03/17/2010
3368	LF	RCP 24" (FURNISH AND INSTALL) Same as Code 3366 except 24" diameter.		03/17/2010	03/17/2010
3369	LF	RCP 30" (FURNISH AND INSTALL) Same as Code 3366 except 30" diameter.		03/17/2010	03/17/2010
3370	LF	RCP 36" (FURNISH AND INSTALL) Same as Code 3366 except 36" diameter		03/17/2010	03/17/2010
3371	LF	RCP 42" (FURNISH AND INSTALL) Same as Code 3366 except 42" diameter.		03/17/2010	03/17/2010
3372	LF	RCP 54" (FURNISH AND INSTALL) Same as Code 3366 except 54" diameter		03/17/2010	03/17/2010
3373	LF	RCP 60" (FURNISH AND INSTALL) Same as Code 3366 except 60" diameter		03/17/2010	03/17/2010
3374	LF	RCP 72" (FURNISH AND INSTALL) Same as Code 3366 except 72" diameter		03/17/2010	03/17/2010



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3375	LF	RCP 84" (FURNISH AND INSTALL) Same as Code 3366 except 84" diameter		03/17/2010	03/17/2010
3376	LF	RCP 96" (FURNISH AND INSTALL) Same as Code 3376 except 96" diameter		03/17/2010	03/17/2010
3377	LF	RCP 108" (FURNISH AND INSTALL) Same as Code 3366 except 108" diameter		03/17/2010	03/17/2010
3380	EA	RCP 12" END SECTIONS (Usually flared) Used on ends where pipe terminates on slope, includes joint sealer.		03/17/2010	03/17/2010
3381	EA	RCP 15" END SECTIONS Same as Code 3380		03/17/2010	03/17/2010
3382	EA	RCP 18" END SECTIONS Same as Code 3380		03/17/2010	03/17/2010
3383	EA	RCP 24" END SECTIONS Same as Code 3380		03/17/2010	03/17/2010
3384	EA	RCP 30" END SECTIONS Same as Code 3380		03/17/2010	03/17/2010
3385	EA	RCP 36" END SECTION Same as Code 3380		03/17/2010	03/17/2010
3386	EA	RCP 48" END SECTIONS Same as Code 3380		03/17/2010	03/17/2010
3387	EA	RCP 60" END SECTIONS Same as Code 3380		03/17/2010	03/17/2010
3390	SY	TOPSOIL AND SEEDING (HYDRO) The process of applying mulch and seed to slopes with an asphaltic binding agent in a spray. Measured by the surface area of the slope.		03/17/2010	03/17/2010
3400	SF	SIGNING PERMANENT (W/GALVANIZED POSTS) Measured by surface area of sign (in place)		03/17/2010	03/17/2010
3410	LF	GUARD RAIL STEEL PLATE BEAM Steel guard rail in place including 6" x 6" treated wood posts.		03/17/2010	03/17/2010
3411	LF	GUARD RAIL STEEL PLATE BEAM REMOVAL Disassemble and remove guard rail and wood treated posts (check salvage)		03/17/2010	03/17/2010
3510	LS	ENGINEERING AND DESIGN SERVICES To be used only in complex projects or law requires registered engineer.		03/17/2010	03/17/2010
3520	LS	BRIDGE DECK SUPPORT TEMPORARY Bridge deck support temporary.		03/17/2010	03/17/2010
3910	LS	DEDUCT SALVAGE Use when there is substantial material value over \$500.		03/17/2010	03/17/2010
4010	AC	LEVEE GRADING SEEDING AND FERTILIZING Restore levee by grading, reseeding and fertilizing. Calculate acreage from top of levee to bottom of slope, but not over 150 feet. Native grass seeding and one fertilizer application are included.		03/17/2010	03/17/2010
4011	SY	SLOPE GRADING Restore levee by grading only. Calculate area in square yards, limited by area covered in Code 4010.		03/17/2010	03/17/2010
4020	CY	FILL (UNCLASSIFIED) Same as Code 3020.		03/17/2010	03/17/2010
4021	CY	EXCAVATION Excavation		03/17/2010	03/17/2010
4030	CY	FILL (COMPACTED CLAY) Widely used in levee work. Clay is resistant to water seepage. Select material and optimum compaction.		03/17/2010	03/17/2010
4040		FILL (GRANULAR) Seldom used in levee work but may be used in dams to provide a controlled outlet for water seepage. Also see Codes 3040 and 3320 for similar material.	\$ 14.30	03/17/2010	03/17/2010

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4050		CONCRETE REMOVAL REINFORCED Breaking up and hauling off reinforced concrete from drainage structures, equipment buildings, etc. (See Code 3271) Figure in cubic yards.	\$ 140.00	03/17/2010	03/17/2010
4060		CONCRETE (CLASS X) REINFORCED See Code 3210. Low strength, in-place,	\$ 350.00	03/17/2010	03/17/2010
4070		RIP RAP (DUMPED) Slope protection provided by rocks (4" - 12") dumped slowly at top of slope. May involve some hand placing. See Code 3251 measured by square yards.	\$ 48.00	03/17/2010	03/17/2010
4080		RIP RAP (GROUTED) Slope protection using rocks (4" - 12") placed and mortared.	\$ 50.00	03/17/2010	03/17/2010
4081		SLOPE PROTECTION (PLACED) Rocks dumped and then hand placed to provide uniform coverage. (See Code 3250)	\$ 41.87	03/17/2010	03/17/2010
4090		CONCRETE CHANNEL LINING (REINFORCED) Lining for drainage ditches, usually in city areas. May be poured in place with mesh reinforcement or precast and grouted in place. Usually 4" thick.	\$ 150.00	03/17/2010	03/17/2010
4100		ROCK AND WIRE BASKETS (GABIONS) Wire mesh baskets filled with rocks. Usually 2ft x 4ft x 2ft. Provides steep slope protection against washout. Gabions may also be much larger, being filled in place with large rocks.	\$ 120.00	03/17/2010	03/17/2010
4101		GABION BASKET REMOVAL Cost of removing gabions to permit restoration of previous contour.	\$ 3.00	03/17/2010	03/17/2010
4110		FILTER BLANKET (PEA GRAVEL) Used for bank stabilization on levees or drainage channels. Usually 6" - 12" thick to provide drainage of water without losing soil.	\$ 12.00	03/17/2010	03/17/2010
4120		RIP RAP REPAIR OF FABRIC FILTER When fabric filter breaks allowing levee material to come through, rip rap must be removed to permit repair of fabric filter. Then rip rap must be replaced.	\$ 35.00	03/17/2010	03/17/2010
4130		RIP RAP FABRIC FOR UNDER Fabric filter material for use under rip rap to provide soil stabilization.	\$ 2.65	03/17/2010	03/17/2010
4140		AGGREGATE SURFACE MATERIAL Gravel or other similar material, usually used as a road surface on top of levee or embankment (See Code 3010). Calculate in tons.	\$ 6.50	03/17/2010	03/17/2010
4141		AGGREGATE SURFACE MATERIAL Same as Code 4140 except measured in cubic yards.	\$ 13.00	03/17/2010	03/17/2010
4150		AUGERING (DRAIN TILE) Drain tile may become clogged with roots and silt. Clean out by auguring out the clogging material.	\$ 0.65	03/17/2010	03/17/2010
5010		DEBRIS - INTERIOR REMOVAL AND WALL & FLOOR CLEANING Remove mud, water, silt, etc. from the building interior, then clean the walls and floor, but does not include replacement.	\$ 0.40	03/17/2010	03/17/2010
5020		FLOOR TILE REMOVAL Taking up vinyl, asphalt, or similar tiles, usually 12" x 12".	\$ 0.50	03/17/2010	03/17/2010
5030		CARPET REMOVAL Remove carpet, either to be cleaned or replaced.	\$ 1.00	03/17/2010	03/17/2010
5040		MASONRY WALL (8") REMOVAL Demolition and removal of masonry or concrete block wall. May be fence or wall.	\$ 2.00	03/17/2010	03/17/2010
5050		FLOOR VINYL BASE REMOVE AND REPLACE After flooding, vinyl base molding must be removed, and new material installed.	\$ 0.50	03/17/2010	03/17/2010

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5060	SF	FLOOR TILE REMOVE AND REPLACE After flooding, floor tile must be removed and new material installed.	\$ 2.00	03/17/2010	03/17/2010
5070	SQ	ROOF BUILT UP REPLACE Replace wood roof deck on flat built up roof.	\$ 120.00	03/17/2010	03/17/2010
5080	SQ	SHINGLES ASPHALT REPLACE Material and labor to remove old shingles and replace with asphalt shingles on a hip roof.	\$ 100.00	03/17/2010	03/17/2010
5090	LF	FLASHING REPLACEMENT Labor and material to replace sheet metal flashing. Primarily used on hips and valleys of hip roofs and perimeter of built-up roofs.	\$ 1.00	03/17/2010	03/17/2010
5100	SF	MASONRY SURFACE BRICK SANDBLAST CLEANING Sandblasting brick or concrete block to remove discoloration caused by floodwaters. Labor, equipment and supplies are included.	\$ 1.21	03/17/2010	03/17/2010
5110	SF	MASONRY SURFACE BRICK STEAM CLEANING Using steam to clean discolored brick or concrete blocks after flooding.	\$ 0.96	03/17/2010	03/17/2010
5120	SY	CARPET CLEANING Remove and clean carpet after being flooded. Reinstall	\$ 0.50	03/17/2010	03/17/2010
5130	EA	FURNITURE/METAL - CLEAN, DISINFECT & REPAIR Office furniture that has been in floodwaters. Desks, tables, chairs, cabinets. Labor and materials to thoroughly clean and repair.	\$ 75.00	03/17/2010	03/17/2010
5140	EA	MOTOR REPAIR ELECTRIC (1/2 HP) Labor and parts to repair a 1/2 HP electric motor that has been flooded. Usually consists of baking to evaporate all water. Includes rewinding and replace bearings, if needed and test. Remove and reinstall (See Code 6320 also)	\$ 145.00	03/17/2010	03/17/2010
5141	EA	MOTOR REPAIR ELECTRIC (7 1/2 HP) Same as Code 5140 except 7 1/2 HP. (See Code 6321 also)	\$ 290.00	03/17/2010	03/17/2010
5142	EA	MOTOR REPAIR ELECTRIC (16 HP) Same as Code 5140 except 16 HP (See Code 6323 also)	\$ 625.00	03/17/2010	03/17/2010
5143	EA	MOTOR REPAIR ELECTRIC (30 HP) Same as Code 5140 except 30 HP. (See Code 6323 also)	\$ 750.00	03/17/2010	03/17/2010
5144	EA	MOTOR REPAIR ELECTRIC (60 HP) Same as Code 5140 except 60 HP.	\$ 850.00	03/17/2010	03/17/2010
5150	SF	FLOOR, WOOD REPAIR (REFINISH) Usually applies to oak or maple floors that have been flooded. Usually includes sanding and varnish, but may include repair of buckling.	\$ 1.50	03/17/2010	03/17/2010
5160	SF	WINDOW REPLACEMENT Usually applies to wood windows blown out by high winds or broken by fast floodwaters. Labor and material to remove and install new windows.	\$ 7.50	03/17/2010	03/17/2010
5170	EA	DOORS (INTERIOR) REPLACEMENT Floodwaters can damage interior doors to point they must be replaced. Usually 2ft 8in x 6ft 8in hollow core with hinges and latch hardware.	\$ 150.00	03/17/2010	03/17/2010
5171	EA	DOORS (EXTERIOR) REPLACEMENT Same as Code 5170 except usually 3ft 0 in x 7ft 0 in solid core exterior with hinges, latches and locks.	\$ 300.00	03/17/2010	03/17/2010
5172	EA	DOORS (OVERHEAD) REPLACEMENT This price will cover light industrial overhead doors such as garages. Larger doors should be priced by calling local door installers.	\$ 1,500.00	03/17/2010	03/17/2010
5180	SF	DRYWALL REPLACEMENT When plasterboard has stood in floodwater it must be replaced. Cut off 12" above high water mark and install new drywall. Price includes labor amd material to hang, tape joints and finish but does not include removal of old drywall nor painting of new.	\$ 0.80	03/17/2010	03/17/2010

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5190	SF	PANELLING REPLACEMENT Removal and replacement of wood panelling on walls such as in courtrooms or executive offices to pre-disaster condition. Do not replace with exotic wood panelling.	\$ 2.00	03/17/2010	03/17/2010
5200	SF	FLOOR GYM REPLACEMENT After flooding, gym floors may buckle and require complete replacement. Find out specificatons of old floor. Special finishes may be required.	\$ 6.50	03/17/2010	03/17/2010
5210	SY	CARPET REPLACEMENT See also Code 5030 for carpet removal. Replace if carpet cannot be cleaned and reused. Also see Code 5120.	\$ 15.00	03/17/2010	03/17/2010
5220	SF	FLOOR TILE (VINYL) REPLACEMENT Usually found in housing projects, but may be in various types of public buildings. If old tile cannot be cleaned and reused (see Codes 5020 ad 5060) then replace with new vinyl floor tile.	\$ 1.50	03/17/2010	03/17/2010
5230	SF	MASONRY WALL (8") REPLACEMENT Brick, rock or concrete block wall 8" thick, not reinforced, seldom more that 8 ft high. Probably a retaining wall, or possibly a firewall. Material and labor included.	\$ 4.00	03/17/2010	03/17/2010
5240	SF	FLOOR CONCRETE (4") REPLACE Concrete floor may be washed out by floodwaters. Labor and material to replace.	\$ 1.50	03/17/2010	03/17/2010
5241	SF	FLOOR CONCRETE (6") REPLACE Same as Code 5240 except 6" thick.	\$ 2.00	03/17/2010	03/17/2010
5250	SF	PAINTING INTERIOR Labor and material to apply two coats of paint to interior walls and ceilings. See also Codes 5082 and 5182.	\$ 0.30	03/17/2010	03/17/2010
5251	SF	PAINTING EXTERIOR Labor and material to apply two coats of exterior grade paint.	\$ 0.40	03/17/2010	03/17/2010
5260	EA	HOT WATER HEATER REPLACEMENT Hot water heater (30 gal. or less) that must be replaced due to damage from flooding or high winds. Includes removal and installation. Usually applicable to housing projects.	\$ 380.00	03/17/2010	03/17/2010
5270	EA	TABLES LAMINATED REPLACEMENT This is assumed to be furniture of various types. Contact local sources for specific costs of destroyed furniture.	\$ 150.00	03/17/2010	03/17/2010
5280	EA	TABLES CONFERENCE REPLACEMENT Replacement of destroyed wood conference table. Often 4 ft wide x 8 ft long. Only found in offices with separate conference rooms. Check prices at local sources.	\$ 660.00	03/17/2010	03/17/2010
5290	EA	DESK REPLACEMENT Generally covers a steel executive or steno desk but not wood desks. Check local sources.	\$ 410.00	03/17/2010	03/17/2010
5300	EA	FILING CABINET REPLACEMENT Replace standard four drawer steel filing cabinet. Check local source for smaller sizes.	\$ 200.00	03/17/2010	03/17/2010
5310	EA	CHAIR REPLACEMENT Use this code only for executive chairs. Other chairs will be much less expensive. Check local sources for costs.	\$ 300.00	03/17/2010	03/17/2010
5320	EA	REFRIGERATOR REPLACEMENT Replace to similar size to the one damaged beyond repair. This usually will cover up to 12 cubic foot size.	\$ 715.00	03/17/2010	03/17/2010
5330	EA	FREEZER REPLACEMENT Replace with similar size to the one damaged beyond repair. This usually will cover up to 12 cubic foot size.	\$ 850.00	03/17/2010	03/17/2010

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5340	EA	FURNACE, HEATING; CLEAN AND REPAIR Furnace, heating, clean and repair.	\$ 180.00	03/17/2010	03/17/2010
5350	EA	PORCH, ACCESS; FABRICATE Porch, access, fabricate	\$ 275.00	03/17/2010	03/17/2010
5360	EA	SINK, BATHROOM - REINSTALL Reinstall bathroom sink	\$ 90.00	03/17/2010	03/17/2010
5370	EA	SKYLIGHT: REPLACE Replace skylight	\$ 250.00	03/17/2010	03/17/2010
5380	EA	TOILET & TANK; RESET Reset toilet & tank.	\$ 90.00	03/17/2010	03/17/2010
5900	LS	DEDUCT ACTUAL INSURANCE PROCEEDS If the building is insured against the damage caused by the disaster, deduct the insurance proceeds from total damage. Deductible is always eligible.	\$ 0.00	03/17/2010	03/17/2010
5901	LS	DEDUCT ANTICIPATED INSURANCE PROCEEDS Deduct anticipated insurance proceeds.	\$ 0.00	03/17/2010	03/17/2010
5902	LS	MANDATORY NFIP REDUCTION - MAXIMUM PROCEEDS AVAILABLE Mandatory NFIP reduction.	\$ 0.00	03/17/2010	03/17/2010
5903	LS	PREVIOUS DISASTER INSURANCE PURCHASE REQUIREMENTS Previous disaster insurance purchase requirements.	\$ 0.00	03/17/2010	03/17/2010
5904	LS	DEDUCT ACTUAL FLOOD INSURANCE PROCEEDS Deduct actual flood insurance proceeds	\$ 0.00	03/17/2010	03/17/2010
5905	LS	DEDUCT ANTICIPATED FLOOD INSURANCE PROCEEDS Deduct anticipated flood insurance proceeds	\$ 0.00	03/17/2010	03/17/2010
5909	LS	NO ANTICIPATED OR ACTUAL INSURANCE PROCEEDS NO ANTICIPATED OR ACTUAL INSURANCE PROCEEDS	\$ 0.00	08/17/2011	08/17/2011
6010	LF	SEWER CLEANING (UNDER 18") Usually accomplished by means of a high pressure sprayer that is pulled through the line from manhole to manhole where the material is vacuumed out. This operation is basically the same for storm sewers and sanitary sewers.	\$ 1.50	03/17/2010	03/17/2010
6011	LF	SEWER CLEANING (18" - 36") Same as Code 6010 except larger diameter pipe.	\$ 5.00	03/17/2010	03/17/2010
6012	LF	SEWER CLEANING (36"+) Same as Code 6010 except larger diameter pipe.	\$ 9.50	03/17/2010	03/17/2010
6020	LF	T. V. INSPECT A means of inspecting sewer lines that cannot readily be accessible for usual inspection for damage such as cracked or broken walls, leaking or damaged joints or collapsed sections of pipe. This is usually accomplished by a remote tv camera that is pulled through the pipe from manhole to manhole.	\$ 1.25	03/17/2010	03/17/2010
6030	EA	CATCH BASIN CLEANING Catch basins are usually located at the base of the curb in the sidewalk and are approximately 2ft x 4ft x 4ft and are connected to the storm drains. During flooding or inundation silts and debris are deposited in them. Cleaning is usually accomplished by manual labor or mechanical vacuuming.	\$ 50.00	03/17/2010	03/17/2010
6040	EA	SEWER TAP (6") Sewer tap (6")	\$ 150.00	03/17/2010	03/17/2010
6041	EA	SEWER TAP (12") Sewer tap (12")	\$ 320.00	03/17/2010	03/17/2010
6042	EA	SEWER TAP (18") Sewer tap (18")	\$ 400.00	03/17/2010	03/17/2010
6043	EA	SEWER TAP (24") Sewer tap (24")	\$ 464.00	03/17/2010	03/17/2010
6050	EA	DEWATERING DEEP WELL Dewatering deep well	\$ 1,500.00	03/17/2010	03/17/2010

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6060	DAY	PUMPING BY-PASS DURING CONSTRUCTION A 24 hour per day operation while repairs are being made on a sanitary sewer, includes pump, labor and fuel.	\$ 500.00	03/17/2010	03/17/2010
6070		PILING STEEL SHEET PULL & SALVAGE (15' DEEP 22 PSF) An operation where steel sheet piling are pulled by means of a crane and sheet pile extractor. Includes equipment and labor minus salvage.		03/17/2010	03/17/2010
6071		PILING STEEL SHEET PULL & SALVAGE (20' DEEP 27 PSF) Same as Code 6070 except deeper, requiring more powerful extractor.		03/17/2010	03/17/2010
6072		PILING STEEL SHEET PULL & SALVAGE (25' DEEP 38 PSF) Same as Code 6070 except deeper, requiring more powerful extractor.		03/17/2010	03/17/2010
6080		PILING WOOD SHEET LEFT IN PLACE (10' DEEP) Wood sheet piling left in place (10' deep)		03/17/2010	03/17/2010
6081		PILING WOOD SHEET LEFT IN PLACE (16' DEEP) Same as Code 6080 except 16' deep.		03/17/2010	03/17/2010
6082		PILING WOOD SHEET LEFT IN PLACE (20' DEEP) Same as Code 6080 except 20' deep.		03/17/2010	03/17/2010
6090		SEWER LINE MANHOLE (48") Usually made of precast concrete (in place). Includes concrete base slab, masonry seal, excavation and backfill.		03/17/2010	03/17/2010
6091		SEWER LINE MANHOLE (54") Same as Code 6090 except larger in diameter		03/17/2010	03/17/2010
6092		SEWER LINE MANHOLE (78") Same as Code 6090 except larger in diameter.		03/17/2010	03/17/2010
6100		WATER LINE INDIVIDUAL - REMOVE AND REPLACE Water line, individual - remove & replace.		03/17/2010	03/17/2010
6110		FIRE HYDRANT ADJUSTMENT Fire hydrant adjustment		03/17/2010	03/17/2010
6120		FIRE HYDRANT Fire hydrant		03/17/2010	03/17/2010
6130		GATE VALVE (6") Cost of gate valve installed in line, including labor and equipment.		03/17/2010	03/17/2010
6131		GATE VALVE (8") Same as Code 6130 except larger valve.		03/17/2010	03/17/2010
6132		GATE VALVE (12") Same as Code 6130 except larger valve.		03/17/2010	03/17/2010
6133		GATE VALVE (16") Same as Code 6130 except larger valve.		03/17/2010	03/17/2010
6140		SEWER LINE REPAIR 8" CONCRETE (0" - 10" DEPTH) Materials, equipment and labor necessary to repair broken sewer line including excavation, backfill, shoring and pipe.		03/17/2010	03/17/2010
6141		SEWER LINE REPAIR 8" CONCRETE (10' - 20' DEPTH) Same as Code 6140 except deeper trench.		03/17/2010	03/17/2010
6150		SEWER LINE REPAIR 10" CONCRETE (0 - 10' DEPTH) Same as Code 6140 except larger diameter pipe.		03/17/2010	03/17/2010
6151		SEWER LINE REPAIR 10" CONCRETE (10' - 20' DEPTH) Same as Code 6140 except larger diameter pipe and deeper trench.		03/17/2010	03/17/2010
6160		SEWER LINE REPAIR 12" CONCRETE (0 - 10' DEPTH) Same as Code 6140 except larger diameter pipe.		03/17/2010	03/17/2010
6161		SEWER LINE REPAIR 12" CONCRETE (10' - 20' DEPTH) Same as Code 6140 except larger diameter pipe and deeper trench.		03/17/2010	03/17/2010
6170		SEWER LINE REPAIR 15" CONCRETE (0 - 10' DEPTH) Same as Code 6140 except larger diameter pipe.		03/17/2010	03/17/2010

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6171		SEWER LINE REPAIR 15" CONCRETE (10' - 20' DEPTH) Same as Code 6140 except larger diameter pipe and deeper trench.		03/17/2010	03/17/2010
6180		SEWER LINE REPAIR 18" CONCRETE (0 - 10' DEPTH) Same as Code 6140 except larger diameter pipe		03/17/2010	03/17/2010
6181		SEWER LINE REPAIR 24" CONCRETE (10' - 20' DEPTH) Same as Code 6140 except larger diameter pipe and deeper trench.		03/17/2010	03/17/2010
6190		SEWER LINE REPAIR 24" CONCRETE (0 - 10' DEPTH) Same as Code 6140 except larger diameter pipe.		03/17/2010	03/17/2010
6191		SEWER LINE REPAIR 24" CONCRETE (10' - 20' DEPTH) Same as Code 6140 except larger diameter pipe and deeper trench.		03/17/2010	03/17/2010
6200		EXCAVATION STRUCTURAL Excavation, structural		03/17/2010	03/17/2010
6210		BACKFILL STRUCTURAL Backfill structural		03/17/2010	03/17/2010
6220		PAVEMENT REMOVAL Same as Code 3150 but includes concrete also.		03/17/2010	03/17/2010
6230		CONCRETE SIDEWALK REMOVAL Concrete sidewalk removal		03/17/2010	03/17/2010
6240		CONCRETE CURB AND GUTTER REMOVAL Concrete curb and gutter removal		03/17/2010	03/17/2010
6250		CONCRETE SIDEWALK (4") Concrete sidewalk 4"		03/17/2010	03/17/2010
6260		CONCRETE CURB AND GUTTER Concrete curb and gutter		03/17/2010	03/17/2010
6270		CONCRETE PAVEMENT (NO RE-BARS) Concrete pavement - no re-bars		03/17/2010	03/17/2010
6280		WATER MAIN (10") Water main 10"		03/17/2010	03/17/2010
6290		BEDDING UNDER PIPE May be more difficult to install in a trench.		03/17/2010	03/17/2010
6300		POLE ELECTRIC (30') Wooden, treated, in place. Does not include hardware or cross arms.		03/17/2010	03/17/2010
6301		POLE, ELECTRIC (35') Same as code 6300 except longer		03/17/2010	03/17/2010
6302		POLE ELECTRIC (40') Same as Code 6300 except longer		03/17/2010	03/17/2010
6303		POLE ELECTRIC (45') Same as Code 6300 except longer		03/17/2010	03/17/2010
6310		TRANSFORMERS 5 KVA (COST) Transformers 5 KVA - cost		03/17/2010	03/17/2010
6311		TRANSFORMERS 10 KVA (COST) Transformers 10 KVA - cost		03/17/2010	03/17/2010
6312		TRANSFORMERS 25 KVA (COST) Transformers 25 KVA - cost		03/17/2010	03/17/2010
6320		ELECTRIC MOTOR (1/2 HP) REMOVE DRY AND REINSTALL Consists of removing, cleaning, varnishing and baking motor, replacing bearings - but not rewinding or making other repairs.		03/17/2010	03/17/2010
6321		ELECTRIC MOTOR (7 1/2 HP) REMOVE DRY AND REINSTALL Same as Code 6320 except larger motor.		03/17/2010	03/17/2010
6322		ELECTRIC MOTOR (15 HP) REMOVE DRY AND REINSTALL Same as Code 6320 except larger motor.		03/17/2010	03/17/2010
6324		ELECTRIC MOTOR (60 HP) REMOVE, DRY AND REINSTALL Same as Code 6320 except larger motor.		03/17/2010	03/17/2010

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6330		CROSS ARMS WITH HARDWARE (4')		03/17/2010	03/17/2010
		Cost to install cross arms on pole including labor, equipment and material.			
6331		CROSS ARMS WITH HARDWARE (5')		03/17/2010	03/17/2010
		Same as Code 6330 except longer			
6332	EA	CROSS ARMS WITH HARDWARE (6')	\$ 150.00	03/17/2010	03/17/2010
		Same as Code 6330 except longer			
6340	EA	ELECTRIC METERS (HOUSE)	\$ 40.00	03/17/2010	03/17/2010
		Cost of meter only, does not include meter base, weather head, etc.			
6350	EA	PUMP AND MOTOR REPAIR (2 HP)	\$ 320.00	03/17/2010	03/17/2010
		Portable pump and engine mounted on frame. Damages incurred to pump and or motor while being used during event period.			
6351	EA	PUMP AND MOTOR REPAIR (5 HP)	\$ 500.00	03/17/2010	03/17/2010
		Same as Code 6350 except larger hp.			
6352	EA	PUMP AND MOTOR REPAIR (10 HP)	\$ 800.00	03/17/2010	03/17/2010
		Same as Code 6350 except larger hp.			
6353	EA	PUMP AND MOTOR REPAIR (15 HP)	\$ 1,100.00	03/17/2010	03/17/2010
		Same as Code 6350 except larger hp			
6437	LF	PIPE, PVC 8"	\$ 18.00	03/17/2010	03/17/2010
		8" pvc pipe			
7010	SY	RESEED GRASSLANDS, SCARIFY, FERTILIZE	\$ 0.11	03/17/2010	03/17/2010
		Reseed grasslands, scarify, fertilize			
7010	SY	RESEED GRASSLANDS, SCARIFY, FERTILIZE	\$ 0.11	03/17/2010	03/17/2010
		Reseed grasslands, scarify, fertilize			
7011	AC	RESEED GRASSLANDS, SCARIFY, FERTILIZE	\$ 500.00	03/17/2010	03/17/2010
		Same as Code 7010 except measured by Acre.			
7012	SY	TOP SOIL AND SEEDING (HYDRO)	\$ 1.15	03/17/2010	03/17/2010
		Top soil and seeding (hydro)			
7020	EA	TREE (1 1/2" - 2 1/2") REPLACEMENT	\$ 125.00	03/17/2010	03/17/2010
		Tree replacement (1 1/2" - 2 1/2")			
7030	CY	FILL ROOT CRATERS	\$ 10.00	03/17/2010	03/17/2010
		Fill root craters			
7040	SF	BASEBALL BACKSTOP REPLACEMENT	\$ 3.50	03/17/2010	03/17/2010
		Baseball backstop replacement			
7050	LF	FENCE, TENNIS COURT REPLACEMENT	\$ 14.00	03/17/2010	03/17/2010
		Tennis court fence replacement			
7060	SF	ROOF (SMALL STRUCTURE) REPLACEMENT	\$ 7.00	03/17/2010	03/17/2010
		Roof replacement, small structure			
7070	EA	BLEACHERS GRANDSTAND REPLACEMENT	\$ 45.00	03/17/2010	03/17/2010
		Bleachers, grandstand replacement seat			
7080	LF	FENCE CHAIN LINK PERIMETER (5')	\$ 7.00	03/17/2010	03/17/2010
		Chain link perimeter fence (5')			
7081	LF	FENCE CHAIN LINK PERIMETER (6')	\$ 10.00	03/17/2010	03/17/2010
		Chain link perimeter fence (6')			
7082	LF	FENCE CHAIN LINK PERIMETER (8')	\$ 10.00	03/17/2010	03/17/2010
		Same as Code 7080 except 8'.			
7083	LF	FENCE CHAIN LINK PERIMETER (10')	\$ 12.00	03/17/2010	03/17/2010
		Same as Code 7080 except 10'			
7084	LF	FENCE REMOVAL	\$ 2.50	03/17/2010	03/17/2010
		Fence removal			
7090	EA	FENCE CHAIN LINK GATES (5')	\$ 10.00	03/17/2010	03/17/2010
		Gates, chain link fence (5')			
7091	EA	FENCE CHAIN LINK GATES (6')	\$ 0.00	03/17/2010	03/17/2010
		Same as Code 7090 except 6'			



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7091	EA	FENCE CHAIN LINK GATES (6') Same as Code 7090 except 6'	\$ 0.00	03/17/2010	03/17/2010
7092	EA	FENCE CHAIN LINK GATES (8') Same as Code 7090 except 8'	\$ 0.00	03/17/2010	03/17/2010
7093		FENCE CHAIN LINK GATES (10')		03/17/2010	03/17/2010
7100		Same as Code 7090 except 10' TABLES, PICNIC REPLACEMENT Picnic table replacement		03/17/2010	03/17/2010
7101		BENCH PARK (STEEL FRAME/WOOD 10') REPLACEMENT Park bench replacement (steel frame/wood)		03/17/2010	03/17/2010
7110		TRASH BARREL REPLACEMENT Trash barrel replacement		03/17/2010	03/17/2010
7130		SLIDE (12' LONG 6' HIGH) REPLACEMENT Slide replacement (12' Long, 6' high)		03/17/2010	03/17/2010
7130		SLIDE (12' LONG 6' HIGH) REPLACEMENT Slide replacement (12' Long, 6' high)		03/17/2010	03/17/2010
7140		GRILL OUTDOOR REPLACEMENT Outdoor grill replacement		03/17/2010	03/17/2010
7150		DOCK WOOD PILE SUPPORT (2" DECK) Dock pile support, wood, 2" deck		03/17/2010	03/17/2010
7160		DOCK FLOATING (PREFAB) Prefab floating dock		03/17/2010	03/17/2010
7170		SOD REPLACEMENT Sod replacement		03/17/2010	03/17/2010
7180		POSTS GUARD (4" WOOD) REPLACEMENT Guard post replacement (4" wood)		03/17/2010	03/17/2010
7190		PUMP OUT TOILET VAULTS Pump out toilet vaults		03/17/2010	03/17/2010
7200		SIGNS WOOD (PAINTED LETTERS) Wood signs (painted letters)		03/17/2010	03/17/2010
7210		SIGNS WOOD (ROUTERED LETTERS) Wood signs, routered letters		03/17/2010	03/17/2010
7220		STONE DUST (FOR BASEBALL DIAMONDS) Stone dust for baseball diamonds		03/17/2010	03/17/2010
9000		CEF COST ESTIMATE Estimated costs from the cost estimating format (CEF) spreadsheet.		03/17/2010	03/17/2010
9001		CONTRACT Contract		03/17/2010	03/17/2010
9003		CONTRACT COSTS Contract costs		03/17/2010	03/17/2010
9004		RENTED EQUIPMENT Rented equipment		03/17/2010	03/17/2010
9005		LABOR, O/T W/O BENEFITS Labor, overtime w/o benefits		03/17/2010	03/17/2010
9006		LABOR, W/O BENEFITS Labor w/o benefits		03/17/2010	03/17/2010
9007		LABOR Labor		03/17/2010	03/17/2010
9008		EQUIPMENT Equipment		03/17/2010	03/17/2010
9009		MATERIAL Material		03/17/2010	03/17/2010

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9010		LABORER, REGULAR TIME Laborer, regular time		03/17/2010	03/17/2010
9011		LABORER, OVERTIME Laborer, overtime		03/17/2010	03/17/2010
9012		EQUIPMENT OPERATOR REGULAR TIME Equipment operator, regular time		03/17/2010	03/17/2010
9013	HR	EQUIPMENT OPERATOR, OVERTIME Equipment operator, overtime	\$ 0.00	03/17/2010	03/17/2010
9014	HR	WORKING FOREMAN, REGULAR TIME Working foreman, regular time	\$ 0.00	03/17/2010	03/17/2010
9015	HR	WORKING FOREMAN, OVERTIME Working foreman, overtime	\$ 0.00	03/17/2010	03/17/2010
9016	HR	EXTRA HIRE W/PAYROLL ADDITIVES REGULAR TIME Extra hire w/payroll additives, regular time	\$ 0.00	03/17/2010	03/17/2010
9017	HR	EXTRA HIRE W/PAYROLL ADDITIVES, OVERTIME Extra hire w/payroll additives, overtime	\$ 0.00	03/17/2010	03/17/2010
9018	HR	FIRE FIGHTERS OVERTIME Fire fighters, overtime	\$ 0.00	03/17/2010	03/17/2010
9019	HR	POLICE OVERTIME Police overtime	\$ 0.00	03/17/2010	03/17/2010
9020	HR	DISPATCHER OVERTIME Dispatcher overtime	\$ 0.00	03/17/2010	03/17/2010
9021	HR	CONTRACT LABOR Contract labor	\$ 0.00	03/17/2010	03/17/2010
9022	LS	Volunteer Labor Volunteer Labor	\$ 0.00	08/17/2009	08/17/2009
9025	LS	DONATED RESOURCES DONATED RESOURCES	\$ 0.00	05/05/2010	03/17/2010
9026	LS	CONTRACT EQUIPMENT Contract equipment	\$ 0.00	03/17/2010	03/17/2010
9053	LS	DONATED RESOURCES Donated Resources	\$ 0.00	03/17/2010	03/17/2010
9303	LS	PA PILOT: GRANTS ON THE BASIS OF ESTIMATE - CAT A PA Pilot, grants on the basis of estimate, Cat A	\$ 0.01	03/17/2010	03/17/2010
9403	LS	PA PILOT: GRANTS ON THE BASIS OF ESTIMATES, CAT C-G. PA Pilot, grants on the basis of estimates, CAT C-G.	\$ 0.01	03/17/2010	03/17/2010
9503	LF	PA PILOT: INCREASED FEDERAL SHARE INCENTIVE PA Pilot: increased federal share incentive	\$ 0.01	03/17/2010	03/17/2010
9603	LS	PS PILOT: DEBRIS RECYCLING PA Pilot - debris recycling	\$ 0.01	03/17/2010	03/17/2010
9703	LS	PA PILOT: FORCE ACCOUNT LABOR PA Pilot - force account labor	\$ 0.01	03/17/2010	03/17/2010
9901	LS	DIRECT ADMINISTRATIVE COSTS (SUBGRANTEE) Direct Administrative Costs are limited to actual reasonable costs incurred by the Subgrantee for a specific project. Direct Administrative Costs can be estimated based on the labor, equipment, or other expense that can be directly accountable to that project. The estimated costs will be attached to the Project Worksheet as back-up documentation. Direct Management Costs are not allowed to be based on a percentage of the total eligible project cost.	\$ 0.00	03/17/2010	03/17/2010

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9902	LS	DIRECT ADMINISTRATIVE COSTS (GRANTEE) Direct Administrative Costs are limited to actual reasonable costs incurred by the Grantee for a specific prooject. Direct Administrative Costs can be estimated based on the labor, equipment, or other expense that can be directly accountable to the project. The estimated costs will be attached to the Project Worksheet as back-up documentation. Direct Grant Management Costs are not allowed to be based on a percentaae of the total eliaible cost.	\$ 0.00	03/17/2010	03/17/2010
9999	OTH	** *	\$ 0.00	03/17/2010	03/17/2010