

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price  | Update Date | Entry Date |
|------|-----|--|-------------|-------------|------------|
| 0000 | LS  | *****<br>create line   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 0852 | LS  | STATE MANAGEMENT COSTS<br>State Management Costs   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 0909 | LS  | MITIGATION<br>Mitigation   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 1001 | TON | DEBRIS (SEDIMENTS, CONCENTRATED)<br>Debris, sediments, concentrated  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 1002 | TON | DEBRIS, (SEDIMENTS, SCATTERED)<br>Debris, (sediments, scattered)   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 1003 | TON | DEBRIS (PERSONAL PROPERTY CURB)<br>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)<br>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)<br>Debris, (trees & limbs, scattered)  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 1010 | CY  | DEBRIS, (SEDIMENTS, CONCENTRATED)<br>Removal of concentrated sediment  | \$ 3.00     | 03/17/2010  | 03/17/2010 |
| 1011 | CY  | DEBRIS, (SEDIMENTS, SCATTERED)<br>Removal of scattered sediments   | \$ 4.00     | 03/17/2010  | 03/17/2010 |
| 1012 | CY  | DEBRIS (PERSONAL PROPERTY CURB)<br>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)<br>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)<br>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<br>Debris loaded and hauled to TDRS (Temporary Debris Reduction Site)   | \$ 11.25    | 03/17/2010  | 03/17/2010 |
| 1020 | CY  | DEBRIS (WATERWAY STRUCTURE)<br>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)<br>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<br>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)<br>Trees, broken, uprooted 8-18" Dia.   | \$ 75.00    | 03/17/2010  | 03/17/2010 |
| 1031 | CY  | DEBRIS TREES (BROKEN UPROOTED 19-36" DIAMETER)<br>Trees, broken uprooted 19-36" Diameter.  | \$ 150.00   | 03/17/2010  | 03/17/2010 |
| 1033 | EA  | DEBRIS (REMOVAL OF HANGERS FROM RIGHT-OF-WAY)<br>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"<br>Debris, hazardous tree removal, CROWN must be damage more than 50%.  | \$ 165.00   | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price  | Update Date | Entry Date |
|------|-----|---|-------------|-------------|------------|
| 1035 | EA  | HAZARDOUS TREE REMOVAL, 12" TO 23.99"<br>Debris, hazardous tree removal, CROWN must be damage more than 50%.  | \$ 475.00   | 03/17/2010  | 03/17/2010 |
| 1036 | EA  | HAZARDOUS TREE REMOVAL: 24" TO 35.99"<br>Debris, hazardous tree removal. CROWN must be damage more than 50%   | \$ 800.00   | 03/17/2010  | 03/17/2010 |
| 1037 | EA  | HAZARDOUS TREE REMOVAL: 36" TO 47.99"<br>Debris, hazardous tree removal. CROWN must be damage more than 50%.  | \$ 1,000.00 | 03/17/2010  | 03/17/2010 |
| 1038 | EA  | HAZARDOUS TREE REMOVAL: 48" TO 55.99"<br>Debris, hazardous tree removal. CROWN must be damage more than 50%   | \$ 2,100.00 | 03/17/2010  | 03/17/2010 |
| 1039 | EA  | HAZARDOUS TREE REMOVAL: 56" AND GREATER<br>Debris, hazardous tree removal. CROWN must be damage more than 50%.  | \$ 2,600.00 | 03/17/2010  | 03/17/2010 |
| 1040 | EA  | DEBRIS STUMPS ONLY (UPROOTED 8-18" DIAMETER)<br>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 | EA  | DEBRIS STUMPS ONLY (UPROOTED 19-36" DIAMETER)<br>Removal of stumps from uprooted trees. To be used only when stumps interfere with ground use. Not to be used in forested areas.        | \$ 28.00    | 03/17/2010  | 03/17/2010 |
| 1044 | EA  | HAZARDOUS TREE 13'-18"<br>Hazardous tree 13'-18"  | \$ 200.00   | 03/17/2010  | 03/17/2010 |
| 1050 | CY  | DUMP CHARGES (BURN - BURY)<br>Normally the least expensive way to dispose   | \$ 1.00     | 03/17/2010  | 03/17/2010 |
| 1051 | CY  | DUMP CHARGES (LANDFILL DISPOSAL)<br>Fees charged for debris disposal in recognized landfills. Check for variations in cost.   | \$ 1.75     | 03/17/2010  | 03/17/2010 |
| 1052 | TON | DUMP CHARGES (LANDFILL DISPOSAL)<br>Same as Code 1051 except measured in TON.   | \$ 4.00     | 03/17/2010  | 03/17/2010 |
| 1060 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 2 CY PER PICKUP<br>Debris Containers (w/o dump charges) 2 cy per pickup  | \$ 5.00     | 03/17/2010  | 03/17/2010 |
| 1061 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 3 CY PER PICKUP<br>Debris Containers (w/o dump charges) 3 cy per pickup.   | \$ 7.50     | 03/17/2010  | 03/17/2010 |
| 1062 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 4 CY PER PICKUP<br>Debris Containers (w/o dump charges) 4 cy per pickup  | \$ 10.00    | 03/17/2010  | 03/17/2010 |
| 1063 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 8 CY PER PICKUP<br>Debris containers (w/o dump charges) 8 cy per pickup  | \$ 20.00    | 03/17/2010  | 03/17/2010 |
| 1064 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 20 CY PER PICKUP<br>Debris containers (w/o dump charges) 29 cy per pickup.   | \$ 155.00   | 03/17/2010  | 03/17/2010 |
| 1065 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 30 CY PER PICKUP<br>Debris containers (w/o dump charges) 30 cy per pickup.   | \$ 165.00   | 03/17/2010  | 03/17/2010 |
| 1066 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 40 CY PER PICKUP<br>Debris containers (w/o dump charges) 40 cy per pickup  | \$ 175.00   | 03/17/2010  | 03/17/2010 |
| 1067 | EA  | DEBRIS CONTAINERS (W/O DUMP CHARGES) 50 CY PER PICKUP<br>Debris containers (w/o dump charges) 50 cy per pickup.   | \$ 175.00   | 03/17/2010  | 03/17/2010 |
| 1070 | CY  | DEBRIS (SANDBAGS - MACHINE LOAD)<br>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 | CY  | DEBRIS (SANDBAGS - HAND LOAD)<br>Same as Code 1070 except sandbags are loaded on trucks by hand labor.  | \$ 4.50     | 03/17/2010  | 03/17/2010 |
| 1080 | MI  | DEBRIS (FLOATABLE ON LEVEE)<br>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 | CY  | DEBRIS (EARTH FILL - LEVEE)<br>Removal of earth fill placed temporarily on top of a levee to prevent  | \$ 2.50     | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price | Update Date | Entry Date |
|------|-----|--|------------|-------------|------------|
| 1100 | CY  | flooding.<br>DEBRIS (SMALL ROAD SLIDE)<br>Usually consists of dirt and rock washed onto road by heavy rains.   | \$ 4.00    | 03/17/2010  | 03/17/2010 |
| 1110 | CY  | DEBRIS (CHANNEL EXC. WITH SPOIL BANK)<br>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 | CY  | DEBRIS (CHANNEL EXC AND HAUL)<br>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 |
| 1112 | CY  | DEDUCT APPLICANT'S SHARE (SPOIL BANK)<br>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 | CY  | DEDUCT APPLICANT'S SHARE (HAUL)<br>Same as Code 1112 except debris is hauled to a dump   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 1120 | CF  | DEMOLITION (RESIDENTIAL STRUCTURE)<br>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 | CF  | DEMOLITION (COMMERCIAL STRUCTURE)<br>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 | HR  | POLICE OVERTIME<br>Police Overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 2011 | HR  | FIRE OVERTIME<br>Fire Overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 2012 | HR  | TEMPORARY EMPLOYEES<br>Temporary Employees   | \$ 0.03    | 03/17/2010  | 03/17/2010 |
| 2020 | SF  | POLYETHYLENE<br>Plastic sheeting applied to windows, doors and many other places to protect from water damage.   | \$ 0.03    | 03/17/2010  | 03/17/2010 |
| 2025 | SF  | PLYWOOD SHEETING<br>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 | EA  | SANDBAGS (PURCHASED)<br>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 | TON | SAND (DELIVERED)<br>Sand purchased for filling sand bags. Delivered to a central point for use.  | \$ 7.00    | 03/17/2010  | 03/17/2010 |
| 2045 | CY  | SANDBAGS FILLED & PLACED<br>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 | CY  | LEVEE EMERGENCY REPAIR (FILL)<br>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 | CY  | LEVEE EARTHEN<br>Temporary levee for protection from rising waters.  | \$ 6.00    | 03/17/2010  | 03/17/2010 |
| 2070 | EA  | TOWING - VEHICLES<br>Pulling disabled vehicles from dangerous locations to safety. Does not include winching, but does involve a tow rope. Two drivers allowed.  | \$ 25.00   | 03/17/2010  | 03/17/2010 |
| 2080 | HR  | TOWING AND WINCHING WRECKER TRUCK<br>Same as Code 2070 except tow truck with winch. Only tow truck driver required.  | \$ 23.50   | 03/17/2010  | 03/17/2010 |
| 2090 | HR  | PUMPS (3")<br>Pump with 3" diameter discharge complete with 12 HP gasoline engine. (See also Code 8322) Includes fuel. Does not include  | \$ 2.50    | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price  | Update Date | Entry Date |
|------|-----|---|-------------|-------------|------------|
|      |     | operator/tender.  |             |             |            |
| 2091 | HR  | PUMPS (4")<br>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")<br>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")<br>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")<br>Pump with 10" diameter discharge complete with 70 HP gasolline engine.   | \$ 14.50    | 03/17/2010  | 03/17/2010 |
| 2095 | HR  | PUMPS (12")<br>Pumps with 12" diameter discharge complete with 100 HP gasoline engine.  | \$ 14.50    | 03/17/2010  | 03/17/2010 |
| 2110 | LS  | PUMP COSTS FOR EMERGENCY PHASE<br>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<br>Regular time plus fringe benefits for operators during emergency period.  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 2113 | HR  | PUMP OPERATORS (AVG. OVERTIME)<br>Overtime plus fringe benefits for pump operators during emergency period.   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 3009 | CY  | AGGREGATE SURFACE COURSE (SCREENED)<br>Same as Code 3010 except screened material   | \$ 23.20    | 03/17/2010  | 03/17/2010 |
| 3010 | TON | AGGREGATE SURFACE COURSE<br>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)<br>Same as Code 3010 except measured by the cubic yard.  | \$ 27.20    | 03/17/2010  | 03/17/2010 |
| 3012 | TON | AGGREGATE SURFACE (RED DOG)<br>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<br>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)<br>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)<br>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<br>Pit run gravel, in place, including hauling, dumping and spreading.   | \$ 19.26    | 03/17/2010  | 03/17/2010 |
| 3030 | CY  | LOCAL BORROW (MATERIAL ONLY)<br>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)<br>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)<br>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 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

### All Regional Codes [Region:1]

| Code | UOM   | Description  | Unit Price | Update Date | Entry Date |
|------|-------|--|------------|-------------|------------|
| 3050 | CY    | EXCAVATION & BACKFILL (SMALL UNCLASSIFIED)<br>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)<br>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)<br>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<br>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 |
| 3070 | LF    | DITCH CLEANING & SHAPING<br>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 |
| 3080 | SY    | CHIP AND SEAL (SINGLE)<br>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)<br>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)<br>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)<br>Uses pit run aggregate as base.  | \$ 9.75    | 03/17/2010  | 03/17/2010 |
| 3091 | CY    | AGGREGATE BASE COURSE (UNDER BITUMINOUS SURFACE)<br>Same as Code 3090 except measured in cubic yards.  | \$ 24.92   | 03/17/2010  | 03/17/2010 |
| 3100 | SY/IN | BITUMINOUS COLD PATCH<br>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)<br>Material only, add labor and equipment costs.   | \$ 80.00   | 03/17/2010  | 03/17/2010 |
| 3110 | SY/IN | BITUMINOUS CONCRETE OVERLAY<br>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<br>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)<br>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<br>Bituminous concrete pavement, hand placed   | \$ 133.00  | 03/17/2010  | 03/17/2010 |
| 3133 | SY/IN | BITUMINOUS CONCRETE PAVEMENT (HAND PLACED)<br>Same as Code 3132 except measured in SY/IN   | \$ 7.00    | 03/17/2010  | 03/17/2010 |
| 3150 | SY    | PAVEMENT REMOVAL<br>Breaking FC concrete and haul to dump (10 miles R/T)   | \$ 9.12    | 03/17/2010  | 03/17/2010 |
| 3160 | SF    | CONCRETE SIDEWALK (4")<br>Placement of 4" thick sidewalk including forming, finishing, joint material and wire mesh.   | \$ 8.25    | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price | Update Date | Entry Date |
|------|-----|---|------------|-------------|------------|
| 3170 | SF  | CONCRETE SIDEWALK REMOVAL<br>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<br>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<br>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)<br>6" thick concrete pavement with welded wire fabric reinforcement. In-place cost.  | \$ 150.00  | 03/17/2010  | 03/17/2010 |
| 3210 | CY  | CONCRETE CLASS X (INPLACE FORMED)<br>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)<br>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")<br>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<br>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)<br>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)<br>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')<br>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')<br>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)<br>Concrete bridge deck and beams in place on existing abutments.  | \$ 304.55  | 03/17/2010  | 03/17/2010 |
| 3250 | CY  | SLOPE PROTECTION RIP RAP<br>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)<br>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<br>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<br>Fractured stone between 6"-12" in diameter.   | \$ 56.88   | 03/17/2010  | 03/17/2010 |
| 3260 | SY  | SLOPE PROTECTION CONCRETE<br>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<br>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)<br>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 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price  | Update Date | Entry Date |
|------|-----|---|-------------|-------------|------------|
| 3271 | CY  | CONCRETE AND MASONRY REMOVAL (10 MI R/T HAUL)<br>Break up and haul to dump for disposal (10 mile R/T)   | \$ 140.00   | 03/17/2010  | 03/17/2010 |
| 3280 | SF  | BRIDGE WOOD AND BEAM REMOVAL<br>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 |
| 3290 | MBF | TREATED TIMBER (FOB)<br>Delivered to job site. Do not forget to divide by 1,000.  | \$ 945.00   | 03/17/2010  | 03/17/2010 |
| 3291 | MBF | TREATED TIMBER (IN PLACE)<br>Used in headwalls, retaining walls, wingwalls, etc.  | \$ 1,800.00 | 03/17/2010  | 03/17/2010 |
| 3292 | SF  | BRIDGE TREATED TIMBER IN PLACE<br>Measured by surface area of deck.   | \$ 28.00    | 03/17/2010  | 03/17/2010 |
| 3293 | LF  | BRIDGE RAILING (APPROACH)<br>Usually a metal guard rail type placement cost by linear foot of railing.  | \$ 18.00    | 03/17/2010  | 03/17/2010 |
| 3294 | LF  | BRIDGE RAILING (BRIDGE ITSELF)<br>Cost by linear foot of railing.   | \$ 45.00    | 03/17/2010  | 03/17/2010 |
| 3300 | CY  | EXCAVATION STRUCTURAL<br>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 | CY  | BACKFILL STRUCTURAL<br>Backfill around structures such as behind wingwalls, headwalls, etc. includes placement and compaction only.   | \$ 31.00    | 03/17/2010  | 03/17/2010 |
| 3320 | CY  | BEDDING MATERIAL (SELECT GRANULAR)<br>A sand or aggregate material used beneath structures such as concrete slab, culvert, etc.   | \$ 31.00    | 03/17/2010  | 03/17/2010 |
| 3330 | LF  | PILING (TREATED LUMBER) FURN. & DRIVEN<br>For use on bridge, retaining walls, etc.  | \$ 21.80    | 03/17/2010  | 03/17/2010 |
| 3331 | LF  | PILING (STEEL SHEET) FURN. & DRIVEN<br>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 | LF  | PILING (H-BEAM) FURN. & DRIVEN<br>In place cost   | \$ 21.50    | 03/17/2010  | 03/17/2010 |
| 3340 | LF  | CULVERT RELAY (SALVAGE 12" - 48")<br>Pull our salvageable culvert, replace bedding and reinstall culvert, including backfill and compaction (in place)  | \$ 31.10    | 03/17/2010  | 03/17/2010 |
| 3341 | LF  | 12" HDPE SL CULVERT (FURNISH AND INSTALL)<br>12" High density polyethylene smooth lined culvert.  | \$ 37.88    | 03/17/2010  | 03/17/2010 |
| 3342 | LF  | 15" HDPE SL CULVERT (FURNISH AND INSTALL)<br>15" diameter high density polyethylene smooth lined culvert.   | \$ 38.26    | 03/17/2010  | 03/17/2010 |
| 3343 | LF  | 18" HDPE SL CULVERT (FURNISH AND INSTALL)<br>18" diameter high density polyethylene smooth lined culvert.   | \$ 43.15    | 03/17/2010  | 03/17/2010 |
| 3344 | LF  | 24" HDPE SL CULVERT (FURNISH AND INSTALL)<br>24" diameter high density polyethylene smooth lined culvert.   | \$ 60.00    | 03/17/2010  | 03/17/2010 |
| 3345 | LF  | 30" HDPE SL CULVERT (FURNISH AND INSTALL)<br>30" diameter high density polyethylene smooth lined culvert.   | \$ 64.95    | 03/17/2010  | 03/17/2010 |
| 3346 | LF  | 36" HDPE SL CULVERT (FURNISH AND INSTALL)<br>36" diameter high density polyethylene smooth lined culvert.   | \$ 79.19    | 03/17/2010  | 03/17/2010 |
| 3347 | LF  | 42" HDPE SL CULVERT (FURNISH AND INSTALL)<br>42" diameter high density polyethylene smooth lined culvert..  | \$ 119.58   | 03/17/2010  | 03/17/2010 |
| 3348 | LF  | 48" HDPE SL CULVERT (FURNISH AND INSTALL)<br>48" diameter high density polyethylene smooth lined culvert..  | \$ 193.86   | 03/17/2010  | 03/17/2010 |
| 3349 | LF  | 60" HDPE SL CULVERT (FURNISH AND INSTALL)<br>60" diameter high density polyethylene smooth lined culvert..  | \$ 266.67   | 03/17/2010  | 03/17/2010 |
| 3350 | LF  | 8" CMP (FURNISH AND INSTALL)<br>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 | \$ 13.00    | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price | Update Date | Entry Date |
|------|-----|--|------------|-------------|------------|
|      |     | paved surface replacement.   |            |             |            |
| 3351 | LF  | 12" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 12" diameter.  | \$ 37.88   | 03/17/2010  | 03/17/2010 |
| 3352 | LF  | 15" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 15" diameter.  | \$ 38.26   | 03/17/2010  | 03/17/2010 |
| 3353 | LF  | 18" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 18" diameter.  | \$ 43.15   | 03/17/2010  | 03/17/2010 |
| 3354 | LF  | 24" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 24" diameter.  | \$ 60.00   | 03/17/2010  | 03/17/2010 |
| 3355 | LF  | 30" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 30" diameter.  | \$ 64.95   | 03/17/2010  | 03/17/2010 |
| 3356 | LF  | CMP 36" (FURNISH AND INSTALL)<br>Same as Code 3350 except 36" diameter   | \$ 79.19   | 03/17/2010  | 03/17/2010 |
| 3357 | LF  | 42" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 42" diameter.  | \$ 119.58  | 03/17/2010  | 03/17/2010 |
| 3358 | LF  | 48" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 48" diameter/  | \$ 193.86  | 03/17/2010  | 03/17/2010 |
| 3359 | LF  | 54" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 54" diameter.  | \$ 265.04  | 03/17/2010  | 03/17/2010 |
| 3360 | LF  | 60" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 60" diameter.  | \$ 266.67  | 03/17/2010  | 03/17/2010 |
| 3360 | LF  | 60" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 60" diameter.  | \$ 266.67  | 03/17/2010  | 03/17/2010 |
| 3361 | LF  | 72" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 72" diameter   | \$ 318.90  | 03/17/2010  | 03/17/2010 |
| 3362 | LF  | 96" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 96" diameter.  | \$ 156.00  | 03/17/2010  | 03/17/2010 |
| 3363 | LF  | 108" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 108" diameter   | \$ 165.00  | 03/17/2010  | 03/17/2010 |
| 3364 | LF  | 120" CMP (FURNISH AND INSTALL)<br>Same as Code 3350 except 120" diameter   | \$ 175.00  | 03/17/2010  | 03/17/2010 |
| 3365 | LF  | CORRUGATED STRUCTURE PLATE PIPE ARCH (96")<br>A heavy gauge corrugated culvert made up of multiple plates that can be bolted together in the field, usually larger than 96" in diameter.   | \$ 230.00  | 03/17/2010  | 03/17/2010 |
| 3366 | LF  | RCP 12" (FURNISH AND INSTALL)<br>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. | \$ 44.50   | 03/17/2010  | 03/17/2010 |
| 3367 | LF  | RCP 18" (FURNISH AND INSTALL)<br>Same as Code 3366 except 18" diameter   | \$ 58.25   | 03/17/2010  | 03/17/2010 |
| 3368 | LF  | RCP 24" (FURNISH AND INSTALL)<br>Same as Code 3366 except 24" diameter.  | \$ 69.44   | 03/17/2010  | 03/17/2010 |
| 3369 | LF  | RCP 30" (FURNISH AND INSTALL)<br>Same as Code 3366 except 30" diameter.  | \$ 137.38  | 03/17/2010  | 03/17/2010 |
| 3370 | LF  | RCP 36" (FURNISH AND INSTALL)<br>Same as Code 3366 except 36" diameter   | \$ 163.05  | 03/17/2010  | 03/17/2010 |
| 3371 | LF  | RCP 42" (FURNISH AND INSTALL)<br>Same as Code 3366 except 42" diameter.  | \$ 191.14  | 03/17/2010  | 03/17/2010 |
| 3372 | LF  | RCP 54" (FURNISH AND INSTALL)<br>Same as Code 3366 except 54" diameter   | \$ 265.04  | 03/17/2010  | 03/17/2010 |
| 3373 | LF  | RCP 60" (FURNISH AND INSTALL)<br>Same as Code 3366 except 60" diameter   | \$ 266.67  | 03/17/2010  | 03/17/2010 |



# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price  | Update Date | Entry Date |
|------|-----|--|-------------|-------------|------------|
| 3374 | LF  | RCP 72" (FURNISH AND INSTALL)<br>Same as Code 3366 except 72" diameter   | \$ 318.90   | 03/17/2010  | 03/17/2010 |
| 3375 | LF  | RCP 84" (FURNISH AND INSTALL)<br>Same as Code 3366 except 84" diameter   | \$ 210.00   | 03/17/2010  | 03/17/2010 |
| 3376 | LF  | RCP 96" (FURNISH AND INSTALL)<br>Same as Code 3376 except 96" diameter   | \$ 272.00   | 03/17/2010  | 03/17/2010 |
| 3377 | LF  | RCP 108" (FURNISH AND INSTALL)<br>Same as Code 3366 except 108" diameter   | \$ 354.00   | 03/17/2010  | 03/17/2010 |
| 3380 | EA  | RCP 12" END SECTIONS<br>(Usually flared) Used on ends where pipe terminates on slope, includes joint sealer.   | \$ 140.00   | 03/17/2010  | 03/17/2010 |
| 3381 | EA  | RCP 15" END SECTIONS<br>Same as Code 3380  | \$ 170.00   | 03/17/2010  | 03/17/2010 |
| 3382 | EA  | RCP 18" END SECTIONS<br>Same as Code 3380  | \$ 180.00   | 03/17/2010  | 03/17/2010 |
| 3383 | EA  | RCP 24" END SECTIONS<br>Same as Code 3380  | \$ 200.00   | 03/17/2010  | 03/17/2010 |
| 3384 | EA  | RCP 30" END SECTIONS<br>Same as Code 3380  | \$ 250.00   | 03/17/2010  | 03/17/2010 |
| 3385 | EA  | RCP 36" END SECTION<br>Same as Code 3380   | \$ 510.00   | 03/17/2010  | 03/17/2010 |
| 3386 | EA  | RCP 48" END SECTIONS<br>Same as Code 3380  | \$ 850.00   | 03/17/2010  | 03/17/2010 |
| 3387 | EA  | RCP 60" END SECTIONS<br>Same as Code 3380  | \$ 1,500.00 | 03/17/2010  | 03/17/2010 |
| 3390 | SY  | TOPSOIL AND SEEDING (HYDRO)<br>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.   | \$ 1.50     | 03/17/2010  | 03/17/2010 |
| 3400 | SF  | SIGNING PERMANENT (W/GALVANIZED POSTS)<br>Measured by surface area of sign (in place)  | \$ 13.25    | 03/17/2010  | 03/17/2010 |
| 3410 | LF  | GUARD RAIL STEEL PLATE BEAM<br>Steel guard rail in place including 6" x 6" treated wood posts.   | \$ 18.00    | 03/17/2010  | 03/17/2010 |
| 3411 | LF  | GUARD RAIL STEEL PLATE BEAM REMOVAL<br>Disassemble and remove guard rail and wood treated posts (check salvage)  | \$ 4.00     | 03/17/2010  | 03/17/2010 |
| 3510 | LS  | ENGINEERING AND DESIGN SERVICES<br>To be used only in complex projects or law requires registered engineer.  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 3520 | LS  | BRIDGE DECK SUPPORT TEMPORARY<br>Bridge deck support temporary.  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 3910 | LS  | DEDUCT SALVAGE<br>Use when there is substantial material value over \$500.   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 4010 | AC  | LEVEE GRADING SEEDING AND FERTILIZING<br>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. | \$ 500.00   | 03/17/2010  | 03/17/2010 |
| 4011 | SY  | SLOPE GRADING<br>Restore levee by grading only. Calculate area in square yards, limited by area covered in Code 4010.  | \$ 0.35     | 03/17/2010  | 03/17/2010 |
| 4020 | CY  | FILL (UNCLASSIFIED)<br>Same as Code 3020.  | \$ 17.80    | 03/17/2010  | 03/17/2010 |
| 4021 | CY  | EXCAVATION<br>Excavation   | \$ 16.63    | 03/17/2010  | 03/17/2010 |
| 4030 | CY  | FILL (COMPACTED CLAY)<br>Widely used in levee work. Clay is resistant to water seepage. Select material and optimum compaction.  | \$ 14.00    | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

### All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price | Update Date | Entry Date |
|------|-----|--|------------|-------------|------------|
| 4040 | CY  | FILL (GRANULAR)<br>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 |
| 4050 | CY  | CONCRETE REMOVAL REINFORCED<br>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 | CY  | CONCRETE (CLASS X) REINFORCED<br>See Code 3210. Low strength, in-place,  | \$ 350.00  | 03/17/2010  | 03/17/2010 |
| 4070 | CY  | RIP RAP (DUMPED)<br>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 | CY  | RIP RAP (GROUTED)<br>Slope protection using rocks (4" - 12") placed and mortared.  | \$ 50.00   | 03/17/2010  | 03/17/2010 |
| 4081 | CY  | SLOPE PROTECTION (PLACED)<br>Rocks dumped and then hand placed to provide uniform coverage. (See Code 3250)  | \$ 41.87   | 03/17/2010  | 03/17/2010 |
| 4090 | CY  | CONCRETE CHANNEL LINING (REINFORCED)<br>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 | CY  | ROCK AND WIRE BASKETS (GABIONS)<br>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 | CY  | GABION BASKET REMOVAL<br>Cost of removing gabions to permit restoration of previous contour.   | \$ 3.00    | 03/17/2010  | 03/17/2010 |
| 4110 | CY  | FILTER BLANKET (PEA GRAVEL)<br>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 | CY  | RIP RAP REPAIR OF FABRIC FILTER<br>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 | SY  | RIP RAP FABRIC FOR UNDER<br>Fabric filter material for use under rip rap to provide soil stabilization.  | \$ 2.65    | 03/17/2010  | 03/17/2010 |
| 4140 | TON | AGGREGATE SURFACE MATERIAL<br>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 | CY  | AGGREGATE SURFACE MATERIAL<br>Same as Code 4140 except measured in cubic yards.  | \$ 13.00   | 03/17/2010  | 03/17/2010 |
| 4150 | LF  | AUGERING (DRAIN TILE)<br>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 | SF  | DEBRIS - INTERIOR REMOVAL AND WALL & FLOOR CLEANING<br>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 | SF  | FLOOR TILE REMOVAL<br>Taking up vinyl, asphalt, or similar tiles, usually 12" x 12".   | \$ 0.50    | 03/17/2010  | 03/17/2010 |
| 5030 | SY  | CARPET REMOVAL<br>Remove carpet, either to be cleaned or replaced.   | \$ 1.00    | 03/17/2010  | 03/17/2010 |
| 5040 | SF  | MASONRY WALL (8") REMOVAL<br>Demolition and removal of masonry or concrete block wall. May be fence or wall.   | \$ 2.00    | 03/17/2010  | 03/17/2010 |
| 5050 | LF  | FLOOR VINYL BASE REMOVE AND REPLACE<br>After flooding, vinyl base molding must be removed, and new material installed.   | \$ 0.50    | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price  | Update Date | Entry Date |
|------|-----|---|-------------|-------------|------------|
| 5060 | SF  | FLOOR TILE REMOVE AND REPLACE<br>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<br>Replace wood roof deck on flat built up roof.  | \$ 120.00   | 03/17/2010  | 03/17/2010 |
| 5080 | SQ  | SHINGLES ASPHALT REPLACE<br>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<br>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<br>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<br>Using steam to clean discolored brick or concrete blocks after flooding.  | \$ 0.96     | 03/17/2010  | 03/17/2010 |
| 5120 | SY  | CARPET CLEANING<br>Remove and clean carpet after being flooded. Reinstall   | \$ 0.50     | 03/17/2010  | 03/17/2010 |
| 5130 | EA  | FURNITURE/METAL - CLEAN, DISINFECT & REPAIR<br>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)<br>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)<br>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)<br>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)<br>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)<br>Same as Code 5140 except 60 HP.  | \$ 850.00   | 03/17/2010  | 03/17/2010 |
| 5150 | SF  | FLOOR, WOOD REPAIR (REFINISH)<br>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<br>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<br>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<br>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<br>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<br>When plasterboard has stood in floodwater it must be replaced. Cut off 12" above high water mark and install new drywall. Price includes labor and 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 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price | Update Date | Entry Date |
|------|-----|---|------------|-------------|------------|
| 5190 | SF  | PANELLING REPLACEMENT<br>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<br>After flooding, gym floors may buckle and require complete replacement. Find out specifications of old floor. Special finishes may be required.  | \$ 6.50    | 03/17/2010  | 03/17/2010 |
| 5210 | SY  | CARPET REPLACEMENT<br>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<br>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<br>Brick, rock or concrete block wall 8" thick, not reinforced, seldom more than 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<br>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<br>Same as Code 5240 except 6" thick.   | \$ 2.00    | 03/17/2010  | 03/17/2010 |
| 5250 | SF  | PAINTING INTERIOR<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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 |
| 5340 | EA  | FURNACE, HEATING; CLEAN AND REPAIR<br>Furnace, heating, clean and repair.   | \$ 180.00  | 03/17/2010  | 03/17/2010 |
| 5350 | EA  | PORCH, ACCESS; FABRICATE<br>Porch, access, fabricate  | \$ 275.00  | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price  | Update Date | Entry Date |
|------|-----|---|-------------|-------------|------------|
| 5360 | EA  | SINK, BATHROOM - REINSTALL<br>Reinstall bathroom sink   | \$ 90.00    | 03/17/2010  | 03/17/2010 |
| 5370 | EA  | SKYLIGHT: REPLACE<br>Replace skylight   | \$ 250.00   | 03/17/2010  | 03/17/2010 |
| 5380 | EA  | TOILET & TANK; RESET<br>Reset toilet & tank.  | \$ 90.00    | 03/17/2010  | 03/17/2010 |
| 5900 | LS  | DEDUCT ACTUAL INSURANCE PROCEEDS<br>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<br>Deduct anticipated insurance proceeds.   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 5902 | LS  | MANDATORY NFIP REDUCTION - MAXIMUM PROCEEDS AVAILABLE<br>Mandatory NFIP reduction.  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 5903 | LS  | PREVIOUS DISASTER INSURANCE PURCHASE REQUIREMENTS<br>Previous disaster insurance purchase requirements.   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 5904 | LS  | DEDUCT ACTUAL FLOOD INSURANCE PROCEEDS<br>Deduct actual flood insurance proceeds  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 5905 | LS  | DEDUCT ANTICIPATED FLOOD INSURANCE PROCEEDS<br>Deduct anticipated flood insurance proceeds  | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 5909 | LS  | NO ANTICIPATED OR ACTUAL INSURANCE PROCEEDS<br>NO ANTICIPATED OR ACTUAL INSURANCE PROCEEDS  | \$ 0.00     | 08/17/2011  | 08/17/2011 |
| 6010 | LF  | SEWER CLEANING (UNDER 18")<br>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")<br>Same as Code 6010 except larger diameter pipe.  | \$ 5.00     | 03/17/2010  | 03/17/2010 |
| 6012 | LF  | SEWER CLEANING (36"+)<br>Same as Code 6010 except larger diameter pipe.   | \$ 9.50     | 03/17/2010  | 03/17/2010 |
| 6020 | LF  | T. V. INSPECT<br>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<br>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")<br>Sewer tap (6")  | \$ 150.00   | 03/17/2010  | 03/17/2010 |
| 6041 | EA  | SEWER TAP (12")<br>Sewer tap (12")  | \$ 320.00   | 03/17/2010  | 03/17/2010 |
| 6042 | EA  | SEWER TAP (18")<br>Sewer tap (18")  | \$ 400.00   | 03/17/2010  | 03/17/2010 |
| 6043 | EA  | SEWER TAP (24")<br>Sewer tap (24")  | \$ 464.00   | 03/17/2010  | 03/17/2010 |
| 6050 | EA  | DEWATERING DEEP WELL<br>Dewatering deep well  | \$ 1,500.00 | 03/17/2010  | 03/17/2010 |
| 6060 | DAY | PUMPING BY-PASS DURING CONSTRUCTION<br>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 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description   | Unit Price  | Update Date | Entry Date |
|------|-----|---|-------------|-------------|------------|
| 6070 | SF  | PILING STEEL SHEET PULL & SALVAGE (15' DEEP 22 PSF)<br>An operation where steel sheet piling are pulled by means of a crane and sheet pile extractor. Includes equipment and labor minus salvage. | \$ 6.50     | 03/17/2010  | 03/17/2010 |
| 6071 | SF  | PILING STEEL SHEET PULL & SALVAGE (20' DEEP 27 PSF)<br>Same as Code 6070 except deeper, requiring more powerful extractor.  | \$ 7.00     | 03/17/2010  | 03/17/2010 |
| 6072 | SF  | PILING STEEL SHEET PULL & SALVAGE (25' DEEP 38 PSF)<br>Same as Code 6070 except deeper, requiring more powerful extractor.  | \$ 8.00     | 03/17/2010  | 03/17/2010 |
| 6080 | SF  | PILING WOOD SHEET LEFT IN PLACE (10' DEEP)<br>Wood sheet piling left in place (10' deep)  | \$ 4.75     | 03/17/2010  | 03/17/2010 |
| 6081 | SF  | PILING WOOD SHEET LEFT IN PLACE (16' DEEP)<br>Same as Code 6080 except 16' deep.  | \$ 6.50     | 03/17/2010  | 03/17/2010 |
| 6082 | SF  | PILING WOOD SHEET LEFT IN PLACE (20' DEEP)<br>Same as Code 6080 except 20' deep.  | \$ 7.00     | 03/17/2010  | 03/17/2010 |
| 6090 | EA  | SEWER LINE MANHOLE (48")<br>Usually made of precast concrete (in place). Includes concrete base slab, masonry seal, excavation and backfill.  | \$ 1,800.00 | 03/17/2010  | 03/17/2010 |
| 6091 | EA  | SEWER LINE MANHOLE (54")<br>Same as Code 6090 except larger in diameter   | \$ 2,500.00 | 03/17/2010  | 03/17/2010 |
| 6092 | EA  | SEWER LINE MANHOLE (78")<br>Same as Code 6090 except larger in diameter.  | \$ 3,000.00 | 03/17/2010  | 03/17/2010 |
| 6100 | EA  | WATER LINE INDIVIDUAL - REMOVE AND REPLACE<br>Water line, individual - remove & replace.  | \$ 120.00   | 03/17/2010  | 03/17/2010 |
| 6110 | EA  | FIRE HYDRANT ADJUSTMENT<br>Fire hydrant adjustment  | \$ 135.00   | 03/17/2010  | 03/17/2010 |
| 6120 | EA  | FIRE HYDRANT<br>Fire hydrant  | \$ 1,250.00 | 03/17/2010  | 03/17/2010 |
| 6130 | EA  | GATE VALVE (6")<br>Cost of gate valve installed in line, including labor and equipment.   | \$ 400.00   | 03/17/2010  | 03/17/2010 |
| 6131 | EA  | GATE VALVE (8")<br>Same as Code 6130 except larger valve.   | \$ 600.00   | 03/17/2010  | 03/17/2010 |
| 6132 | EA  | GATE VALVE (12")<br>Same as Code 6130 except larger valve.  | \$ 1,000.00 | 03/17/2010  | 03/17/2010 |
| 6133 | EA  | GATE VALVE (16")<br>Same as Code 6130 except larger valve.  | \$ 3,000.00 | 03/17/2010  | 03/17/2010 |
| 6140 | LF  | SEWER LINE REPAIR 8" CONCRETE (0" - 10" DEPTH)<br>Materials, equipment and labor necessary to repair broken sewer line including excavation, backfill, shoring and pipe.                          | \$ 100.00   | 03/17/2010  | 03/17/2010 |
| 6141 | LF  | SEWER LINE REPAIR 8" CONCRETE (10' - 20' DEPTH)<br>Same as Code 6140 except deeper trench.  | \$ 125.00   | 03/17/2010  | 03/17/2010 |
| 6150 | LF  | SEWER LINE REPAIR 10" CONCRETE (0 - 10' DEPTH)<br>Same as Code 6140 except larger diameter pipe.  | \$ 130.00   | 03/17/2010  | 03/17/2010 |
| 6151 | LF  | SEWER LINE REPAIR 10" CONCRETE (10' - 20' DEPTH)<br>Same as Code 6140 except larger diameter pipe and deeper trench.  | \$ 145.00   | 03/17/2010  | 03/17/2010 |
| 6160 | LF  | SEWER LINE REPAIR 12" CONCRETE (0 - 10' DEPTH)<br>Same as Code 6140 except larger diameter pipe.  | \$ 175.00   | 03/17/2010  | 03/17/2010 |
| 6161 | LF  | SEWER LINE REPAIR 12" CONCRETE (10' - 20' DEPTH)<br>Same as Code 6140 except larger diameter pipe and deeper trench.  | \$ 200.00   | 03/17/2010  | 03/17/2010 |
| 6170 | LF  | SEWER LINE REPAIR 15" CONCRETE (0 - 10' DEPTH)<br>Same as Code 6140 except larger diameter pipe.  | \$ 215.00   | 03/17/2010  | 03/17/2010 |
| 6171 | LF  | SEWER LINE REPAIR 15" CONCRETE (10' - 20' DEPTH)<br>Same as Code 6140 except larger diameter pipe and deeper trench.  | \$ 225.00   | 03/17/2010  | 03/17/2010 |
| 6180 | LF  | SEWER LINE REPAIR 18" CONCRETE (0 - 10' DEPTH)<br>Same as Code 6140 except larger diameter pipe   | \$ 230.00   | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price | Update Date | Entry Date |
|------|-----|--|------------|-------------|------------|
| 6181 | LF  | SEWER LINE REPAIR 24" CONCRETE (10' - 20' DEPTH)<br>Same as Code 6140 except larger diameter pipe and deeper trench.   | \$ 250.00  | 03/17/2010  | 03/17/2010 |
| 6190 | LF  | SEWER LINE REPAIR 24" CONCRETE (0 - 10' DEPTH)<br>Same as Code 6140 except larger diameter pipe.   | \$ 300.00  | 03/17/2010  | 03/17/2010 |
| 6191 | LF  | SEWER LINE REPAIR 24" CONCRETE (10' - 20' DEPTH)<br>Same as Code 6140 except larger diameter pipe and deeper trench.   | \$ 350.00  | 03/17/2010  | 03/17/2010 |
| 6200 | CY  | EXCAVATION STRUCTURAL<br>Excavation, structural  | \$ 16.00   | 03/17/2010  | 03/17/2010 |
| 6210 | CY  | BACKFILL STRUCTURAL<br>Backfill structural   | \$ 18.00   | 03/17/2010  | 03/17/2010 |
| 6220 | SY  | PAVEMENT REMOVAL<br>Same as Code 3150 but includes concrete also.  | \$ 4.25    | 03/17/2010  | 03/17/2010 |
| 6230 | SF  | CONCRETE SIDEWALK REMOVAL<br>Concrete sidewalk removal   | \$ 0.60    | 03/17/2010  | 03/17/2010 |
| 6240 | LF  | CONCRETE CURB AND GUTTER REMOVAL<br>Concrete curb and gutter removal   | \$ 3.20    | 03/17/2010  | 03/17/2010 |
| 6250 | SF  | CONCRETE SIDEWALK (4")<br>Concrete sidewalk 4"   | \$ 3.00    | 03/17/2010  | 03/17/2010 |
| 6260 | LF  | CONCRETE CURB AND GUTTER<br>Concrete curb and gutter   | \$ 10.00   | 03/17/2010  | 03/17/2010 |
| 6270 | CY  | CONCRETE PAVEMENT (NO RE-BARS)<br>Concrete pavement - no re-bars   | \$ 150.00  | 03/17/2010  | 03/17/2010 |
| 6280 | LF  | WATER MAIN (10")<br>Water main 10"   | \$ 25.00   | 03/17/2010  | 03/17/2010 |
| 6290 | CY  | BEDDING UNDER PIPE<br>May be more difficult to install in a trench.  | \$ 25.00   | 03/17/2010  | 03/17/2010 |
| 6300 | EA  | POLE ELECTRIC (30')<br>Wooden, treated, in place. Does not include hardware or cross arms.   | \$ 395.00  | 03/17/2010  | 03/17/2010 |
| 6301 | EA  | POLE, ELECTRIC (35')<br>Same as code 6300 except longer  | \$ 480.00  | 03/17/2010  | 03/17/2010 |
| 6302 | EA  | POLE ELECTRIC (40')<br>Same as Code 6300 except longer   | \$ 515.00  | 03/17/2010  | 03/17/2010 |
| 6303 | EA  | POLE ELECTRIC (45')<br>Same as Code 6300 except longer   | \$ 675.00  | 03/17/2010  | 03/17/2010 |
| 6310 | EA  | TRANSFORMERS 5 KVA (COST)<br>Transformers 5 KVA - cost   | \$ 165.00  | 03/17/2010  | 03/17/2010 |
| 6311 | EA  | TRANSFORMERS 10 KVA (COST)<br>Transformers 10 KVA - cost   | \$ 281.00  | 03/17/2010  | 03/17/2010 |
| 6312 | EA  | TRANSFORMERS 25 KVA (COST)<br>Transformers 25 KVA - cost   | \$ 400.00  | 03/17/2010  | 03/17/2010 |
| 6320 | EA  | ELECTRIC MOTOR (1/2 HP) REMOVE DRY AND REINSTALL<br>Consists of removing, cleaning, varnishing and baking motor, replacing bearings - but not rewinding or making other repairs. | \$ 145.00  | 03/17/2010  | 03/17/2010 |
| 6321 | EA  | ELECTRIC MOTOR (7 1/2 HP) REMOVE DRY AND REINSTALL<br>Same as Code 6320 except larger motor.   | \$ 290.00  | 03/17/2010  | 03/17/2010 |
| 6322 | EA  | ELECTRIC MOTOR (15 HP) REMOVE DRY AND REINSTALL<br>Same as Code 6320 except larger motor.  | \$ 625.00  | 03/17/2010  | 03/17/2010 |
| 6324 | EA  | ELECTRIC MOTOR (60 HP) REMOVE, DRY AND REINSTALL<br>Same as Code 6320 except larger motor.   | \$ 300.00  | 03/17/2010  | 03/17/2010 |
| 6330 | EA  | CROSS ARMS WITH HARDWARE (4')<br>Cost to install cross arms on pole including labor, equipment and material.   | \$ 125.00  | 03/17/2010  | 03/17/2010 |
| 6331 | EA  | CROSS ARMS WITH HARDWARE (5')<br>Same as Code 6330 except longer   | \$ 150.00  | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price  | Update Date | Entry Date |
|------|-----|--|-------------|-------------|------------|
| 6332 | EA  | CROSS ARMS WITH HARDWARE (6')<br>Same as Code 6330 except longer   | \$ 150.00   | 03/17/2010  | 03/17/2010 |
| 6340 | EA  | ELECTRIC METERS (HOUSE)<br>Cost of meter only, does not include meter base, weather head, etc.   | \$ 40.00    | 03/17/2010  | 03/17/2010 |
| 6350 | EA  | PUMP AND MOTOR REPAIR (2 HP)<br>Portable pump and engine mounted on frame. Damages incurred to pump and or motor while being used during event period. | \$ 320.00   | 03/17/2010  | 03/17/2010 |
| 6351 | EA  | PUMP AND MOTOR REPAIR (5 HP)<br>Same as Code 6350 except larger hp.  | \$ 500.00   | 03/17/2010  | 03/17/2010 |
| 6352 | EA  | PUMP AND MOTOR REPAIR (10 HP)<br>Same as Code 6350 except larger hp.   | \$ 800.00   | 03/17/2010  | 03/17/2010 |
| 6353 | EA  | PUMP AND MOTOR REPAIR (15 HP)<br>Same as Code 6350 except larger hp  | \$ 1,100.00 | 03/17/2010  | 03/17/2010 |
| 6437 | LF  | PIPE, PVC 8"<br>8" pvc pipe  | \$ 18.00    | 03/17/2010  | 03/17/2010 |
| 7010 | SY  | RESEED GRASSLANDS, SCARIFY, FERTILIZE<br>Reseed grasslands, scarify, fertilize   | \$ 0.11     | 03/17/2010  | 03/17/2010 |
| 7010 | SY  | RESEED GRASSLANDS, SCARIFY, FERTILIZE<br>Reseed grasslands, scarify, fertilize   | \$ 0.11     | 03/17/2010  | 03/17/2010 |
| 7011 | AC  | RESEED GRASSLANDS, SCARIFY, FERTILIZE<br>Same as Code 7010 except measured by Acre.  | \$ 500.00   | 03/17/2010  | 03/17/2010 |
| 7012 | SY  | TOP SOIL AND SEEDING (HYDRO)<br>Top soil and seeding (hydro)   | \$ 1.15     | 03/17/2010  | 03/17/2010 |
| 7020 | EA  | TREE (1 1/2" - 2 1/2") REPLACEMENT<br>Tree replacement (1 1/2" - 2 1/2")   | \$ 125.00   | 03/17/2010  | 03/17/2010 |
| 7030 | CY  | FILL ROOT CRATERS<br>Fill root craters   | \$ 10.00    | 03/17/2010  | 03/17/2010 |
| 7040 | SF  | BASEBALL BACKSTOP REPLACEMENT<br>Baseball backstop replacement   | \$ 3.50     | 03/17/2010  | 03/17/2010 |
| 7050 | LF  | FENCE, TENNIS COURT REPLACEMENT<br>Tennis court fence replacement  | \$ 14.00    | 03/17/2010  | 03/17/2010 |
| 7060 | SF  | ROOF (SMALL STRUCTURE) REPLACEMENT<br>Roof replacement, small structure  | \$ 7.00     | 03/17/2010  | 03/17/2010 |
| 7070 | EA  | BLEACHERS GRANDSTAND REPLACEMENT<br>Bleachers, grandstand replacement seat   | \$ 45.00    | 03/17/2010  | 03/17/2010 |
| 7080 | LF  | FENCE CHAIN LINK PERIMETER (5')<br>Chain link perimeter fence (5')   | \$ 7.00     | 03/17/2010  | 03/17/2010 |
| 7081 | LF  | FENCE CHAIN LINK PERIMETER (6')<br>Chain link perimeter fence (6')   | \$ 10.00    | 03/17/2010  | 03/17/2010 |
| 7082 | LF  | FENCE CHAIN LINK PERIMETER (8')<br>Same as Code 7080 except 8'.  | \$ 10.00    | 03/17/2010  | 03/17/2010 |
| 7083 | LF  | FENCE CHAIN LINK PERIMETER (10')<br>Same as Code 7080 except 10'   | \$ 12.00    | 03/17/2010  | 03/17/2010 |
| 7084 | LF  | FENCE REMOVAL<br>Fence removal   | \$ 2.50     | 03/17/2010  | 03/17/2010 |
| 7090 | EA  | FENCE CHAIN LINK GATES (5')<br>Gates, chain link fence (5')  | \$ 10.00    | 03/17/2010  | 03/17/2010 |
| 7091 | EA  | FENCE CHAIN LINK GATES (6')<br>Same as Code 7090 except 6'   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 7091 | EA  | FENCE CHAIN LINK GATES (6')<br>Same as Code 7090 except 6'   | \$ 0.00     | 03/17/2010  | 03/17/2010 |
| 7092 | EA  | FENCE CHAIN LINK GATES (8')<br>Same as Code 7090 except 8'   | \$ 0.00     | 03/17/2010  | 03/17/2010 |



# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price | Update Date | Entry Date |
|------|-----|--|------------|-------------|------------|
| 7093 | EA  | FENCE CHAIN LINK GATES (10')<br>Same as Code 7090 except 10'                               | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 7100 | EA  | TABLES, PICNIC REPLACEMENT<br>Picnic table replacement                                     | \$ 130.00  | 03/17/2010  | 03/17/2010 |
| 7101 | EA  | BENCH PARK (STEEL FRAME/WOOD 10') REPLACEMENT<br>Park bench replacement (steel frame/wood) | \$ 165.00  | 03/17/2010  | 03/17/2010 |
| 7110 | EA  | TRASH BARREL REPLACEMENT<br>Trash barrel replacement                                       | \$ 10.00   | 03/17/2010  | 03/17/2010 |
| 7130 | EA  | SLIDE (12' LONG 6' HIGH) REPLACEMENT<br>Slide replacement (12' Long, 6' high)              | \$ 695.00  | 03/17/2010  | 03/17/2010 |
| 7130 | EA  | SLIDE (12' LONG 6' HIGH) REPLACEMENT<br>Slide replacement (12' Long, 6' high)              | \$ 695.00  | 03/17/2010  | 03/17/2010 |
| 7140 | EA  | GRILL OUTDOOR REPLACEMENT<br>Outdoor grill replacement                                     | \$ 90.00   | 03/17/2010  | 03/17/2010 |
| 7150 | SF  | DOCK WOOD PILE SUPPORT (2" DECK)<br>Dock pile support, wood, 2" deck                       | \$ 3.00    | 03/17/2010  | 03/17/2010 |
| 7160 | SF  | DOCK FLOATING (PREFAB)<br>Prefab floating dock   | \$ 6.00    | 03/17/2010  | 03/17/2010 |
| 7170 | SY  | SOD REPLACEMENT<br>Sod replacement   | \$ 3.00    | 03/17/2010  | 03/17/2010 |
| 7180 | EA  | POSTS GUARD (4" WOOD) REPLACEMENT<br>Guard post replacement (4" wood)                      | \$ 7.00    | 03/17/2010  | 03/17/2010 |
| 7190 | EA  | PUMP OUT TOILET VAULTS<br>Pump out toilet vaults   | \$ 100.00  | 03/17/2010  | 03/17/2010 |
| 7200 | SF  | SIGNS WOOD (PAINTED LETTERS)<br>Wood signs (painted letters)                               | \$ 12.00   | 03/17/2010  | 03/17/2010 |
| 7210 | SF  | SIGNS WOOD (ROUTERED LETTERS)<br>Wood signs, routered letters                              | \$ 18.00   | 03/17/2010  | 03/17/2010 |
| 7220 | CY  | STONE DUST (FOR BASEBALL DIAMONDS)<br>Stone dust for baseball diamonds                     | \$ 22.00   | 03/17/2010  | 03/17/2010 |
| 9000 | LS  | CEF COST ESTIMATE<br>Estimated costs from the cost estimating format (CEF) spreadsheet.    | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9001 | LS  | CONTRACT<br>Contract   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9003 | LS  | CONTRACT COSTS<br>Contract costs   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9004 | LS  | RENTED EQUIPMENT<br>Rented equipment   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9005 | LS  | LABOR, O/T W/O BENEFITS<br>Labor, overtime w/o benefits                                    | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9006 | LS  | LABOR, W/O BENEFITS<br>Labor w/o benefits  | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9007 | LS  | LABOR<br>Labor   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9008 | LS  | EQUIPMENT<br>Equipment   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9009 | LS  | MATERIAL<br>Material   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9010 | HR  | LABORER, REGULAR TIME<br>Laborer, regular time   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9011 | HR  | LABORER, OVERTIME<br>Laborer, overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9012 | HR  | EQUIPMENT OPERATOR REGULAR TIME<br>Equipment operator, regular time                        | \$ 0.00    | 03/17/2010  | 03/17/2010 |

# Federal Emergency Management Agency

## Cost Code Listing (Previously G.2)

All Regional Codes [Region:1]

| Code | UOM | Description  | Unit Price | Update Date | Entry Date |
|------|-----|--|------------|-------------|------------|
| 9013 | HR  | EQUIPMENT OPERATOR, OVERTIME<br>Equipment operator, overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9014 | HR  | WORKING FOREMAN, REGULAR TIME<br>Working foreman, regular time   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9015 | HR  | WORKING FOREMAN, OVERTIME<br>Working foreman, overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9016 | HR  | EXTRA HIRE W/PAYROLL ADDITIVES REGULAR TIME<br>Extra hire w/payroll additives, regular time  | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9017 | HR  | EXTRA HIRE W/PAYROLL ADDITIVES, OVERTIME<br>Extra hire w/payroll additives, overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9018 | HR  | FIRE FIGHTERS OVERTIME<br>Fire fighters, overtime  | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9019 | HR  | POLICE OVERTIME<br>Police overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9020 | HR  | DISPATCHER OVERTIME<br>Dispatcher overtime   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9021 | HR  | CONTRACT LABOR<br>Contract labor   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9022 | LS  | Volunteer Labor<br>Volunteer Labor   | \$ 0.00    | 08/17/2009  | 08/17/2009 |
| 9025 | LS  | DONATED RESOURCES<br>DONATED RESOURCES   | \$ 0.00    | 05/05/2010  | 03/17/2010 |
| 9026 | LS  | CONTRACT EQUIPMENT<br>Contract equipment   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9053 | LS  | DONATED RESOURCES<br>Donated Resources   | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9303 | LS  | PA PILOT: GRANTS ON THE BASIS OF ESTIMATE - CAT A<br>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<br>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<br>PA Pilot: increased federal share incentive   | \$ 0.01    | 03/17/2010  | 03/17/2010 |
| 9603 | LS  | PS PILOT: DEBRIS RECYCLING<br>PA Pilot - debris recycling  | \$ 0.01    | 03/17/2010  | 03/17/2010 |
| 9703 | LS  | PA PILOT: FORCE ACCOUNT LABOR<br>PA Pilot - force account labor  | \$ 0.01    | 03/17/2010  | 03/17/2010 |
| 9901 | LS  | DIRECT ADMINISTRATIVE COSTS (SUBGRANTEE)<br>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 |
| 9902 | LS  | DIRECT ADMINISTRATIVE COSTS (GRANTEE)<br>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 percentage of the total eligible cost.         | \$ 0.00    | 03/17/2010  | 03/17/2010 |
| 9999 | OTH | **<br>*  | \$ 0.00    | 03/17/2010  | 03/17/2010 |